

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018489.D
 Acq On : 10 Jan 2019 00:55
 Operator : JU/SJ
 Sample : K1081-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MSD

Quant Time: Jan 10 05:42:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	531241	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2291165	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	1385769	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3258247	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2407852	20.00	ng	0.00
87) Perylene-d12	23.64	264	2349857	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	3685149	128.09	ng	0.00
7) Phenol-d6	6.95	99	4947042	135.38	ng	0.01
23) Nitrobenzene-d5	8.93	82	3048381	77.13	ng	0.01
42) 2,4,6-Tribromophenol	15.91	330	2420972	137.21	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7632296	71.87	ng	0.01
79) Terphenyl-d14	19.80	244	10695372	93.64	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	243223	20.742	ng	95
3) Pyridine	3.68	79	728599	24.922	ng	98
4) n-Nitrosodimethylamine	3.60	42	409024	33.835	ng	# 94
6) Aniline	7.11	93	396312	9.723	ng	99
8) 2-Chlorophenol	7.33	128	1262520	37.574	ng	96
9) Benzaldehyde	6.92	77	379047	15.237	ng	93
10) Phenol	6.97	94	1607946	43.303	ng	99
11) bis(2-Chloroethyl)ether	7.20	93	964840	33.069	ng	94
12) 1,3-Dichlorobenzene	7.65	146	1265377	31.622	ng	99
13) 1,4-Dichlorobenzene	7.80	146	1305564	32.190	ng	99
14) 1,2-Dichlorobenzene	8.11	146	1274237	33.133	ng	99
15) Benzyl Alcohol	8.01	79	937979	35.539	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1217566	32.654	ng	94
17) 2-Methylphenol	8.22	107	998308	39.607	ng	99
18) Hexachloroethane	8.83	117	316324	21.874	ng	95
19) n-Nitroso-di-n-propylamine	8.57	70	801192	33.691	ng	92
20) 3+4-Methylphenols	8.54	107	1352177	38.861	ng	99
22) Acetophenone	8.59	105	1678241	29.610	ng	# 97
24) Nitrobenzene	8.97	77	1258194	32.355	ng	95
25) Isophorone	9.49	82	2246102	37.530	ng	97
26) 2-Nitrophenol	9.67	139	685443	36.453	ng	97
27) 2,4-Dimethylphenol	9.74	122	1152076	40.877	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	1361551	32.932	ng	99
29) 2,4-Dichlorophenol	10.21	162	1285644	38.308	ng	98
30) 1,2,4-Trichlorobenzene	10.42	180	1335143	32.051	ng	99
31) Naphthalene	10.61	128	3901013	35.353	ng	99
32) Benzoic acid	9.96	122	804	6.539	ng	# 74
33) 4-Chloroaniline	10.73	127	506774	11.662	ng	98
34) Hexachlorobutadiene	10.87	225	778922	29.598	ng	98
35) Caprolactam	11.54	113	211610	18.546	ng	# 87
36) 4-Chloro-3-methylphenol	11.86	107	1358311	38.578	ng	97
37) 2-Methylnaphthalene	12.22	142	2930012	37.583	ng	100
38) 1-Methylnaphthalene	12.45	142	2783026	36.894	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1528948	31.551	ng	98

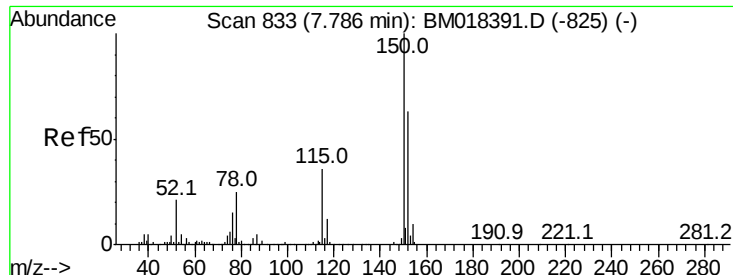
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	106046	3.987	ng	96
43) 2,4,6-Trichlorophenol	12.84	196	1084351	36.848	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	1203689	38.892	ng	97
46) 1,1'-Biphenyl	13.24	154	3726069	30.794	ng	99
47) 2-Chloronaphthalene	13.29	162	2974159	31.698	ng	99
48) 2-Nitroaniline	13.50	65	845227	36.615	ng	92
49) Acenaphthylene	14.14	152	4912465	35.926	ng	99
50) Dimethylphthalate	13.87	163	4304235	37.820	ng	99
51) 2,6-Dinitrotoluene	14.00	165	843569	34.992	ng	90
52) Acenaphthene	14.48	154	2829539	33.820	ng	99
53) 3-Nitroaniline	14.33	138	689256	28.360	ng	98
54) 2,4-Dinitrophenol	14.54	184	75472	12.464	ng	96
55) Dibenzofuran	14.82	168	4602713	33.295	ng	98
56) 4-Nitrophenol	14.66	139	1595629	75.995	ng	95
57) 2,4-Dinitrotoluene	14.79	165	1195731	35.056	ng	97
58) Fluorene	15.46	166	3782724	36.733	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	1089931	39.731	ng	97
60) Diethylphthalate	15.24	149	3834005	33.370	ng	98
61) 4-Chlorophenyl-phenylether	15.46	204	1886567	31.786	ng	98
62) 4-Nitroaniline	15.50	138	892449	33.665	ng	100
63) Azobenzene	15.75	77	3157913	33.712	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	197946	13.854	ng	85
66) n-Nitrosodiphenylamine	15.68	169	3358712	33.232	ng	100
67) 4-Bromophenyl-phenylether	16.36	248	1184054	32.474	ng	98
68) Hexachlorobenzene	16.46	284	1306203	32.000	ng	98
69) Atrazine	16.63	200	1244619	34.063	ng	98
70) Pentachlorophenol	16.82	266	1536955	57.493	ng	99
71) Phenanthrene	17.21	178	6145256	35.459	ng	100
72) Anthracene	17.30	178	6190808	37.148	ng	100
73) Carbazole	17.57	167	5620711	32.828	ng	100
74) Di-n-butylphthalate	18.13	149	6887796	36.726	ng	99
75) Fluoranthene	19.23	202	6580852	32.936	ng	98
77) Benzidine	19.42	184	2208729	37.151	ng	99
78) Pyrene	19.59	202	6346750	44.468	ng	99
80) Butylbenzylphthalate	20.49	149	2808200	46.110	ng	97
81) Benzo(a)anthracene	21.34	228	5230892	36.876	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	1447549	26.986	ng	98
83) Chrysene	21.39	228	4877158	35.605	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3951908	44.937	ng	99
85) Di-n-octyl phthalate	22.16	149	6165182	41.681	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.98	276	5406558	34.230	ng	96
88) Benzo(b)fluoranthene	22.96	252	4759932	35.680	ng	98
89) Benzo(k)fluoranthene	23.00	252	4751146	35.339	ng	98
90) Benzo(a)pyrene	23.54	252	4682395	36.662	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	4516354	34.900	ng	98
92) Benzo(g,h,i)perylene	26.70	276	4499225	35.727	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

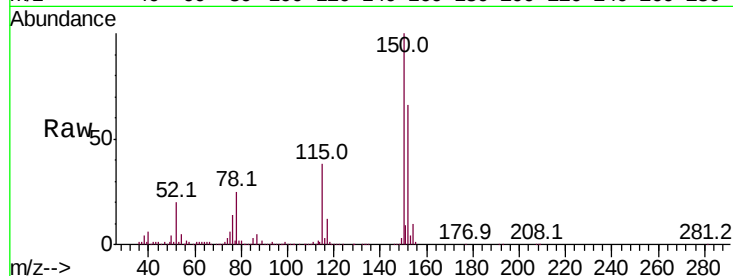


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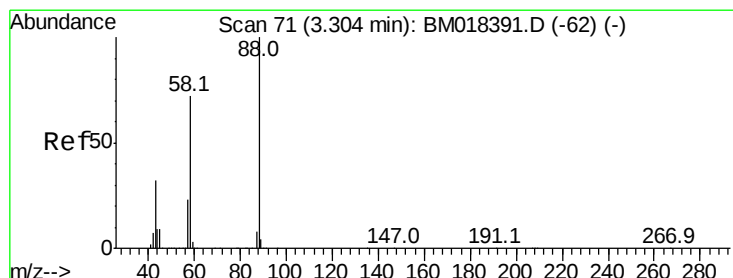
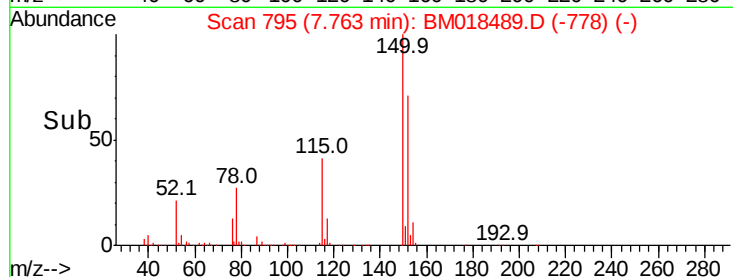
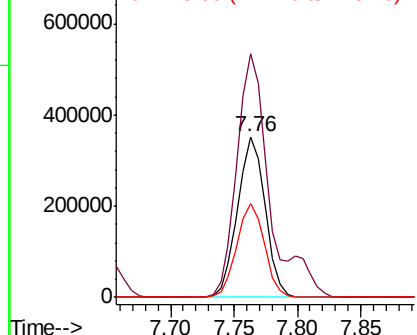
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.9	190.3
115	58.1	45.5	68.3



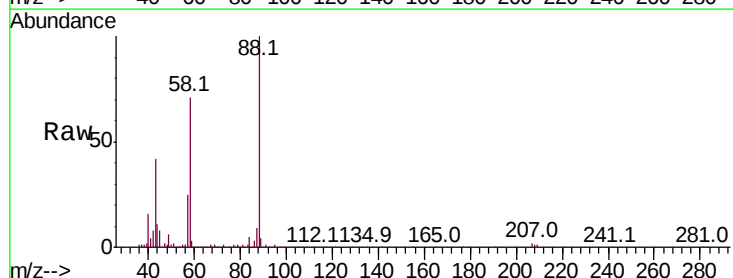
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



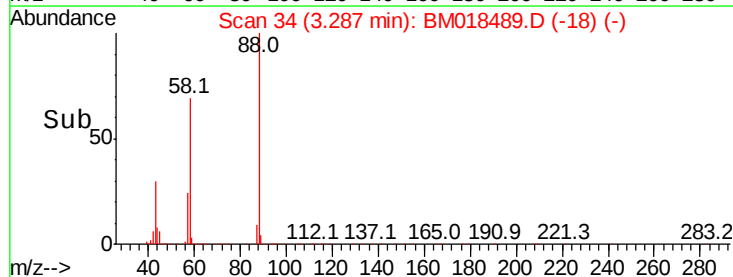
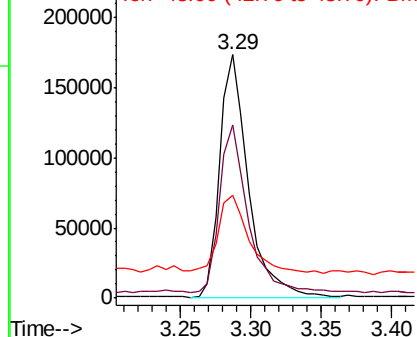
#2

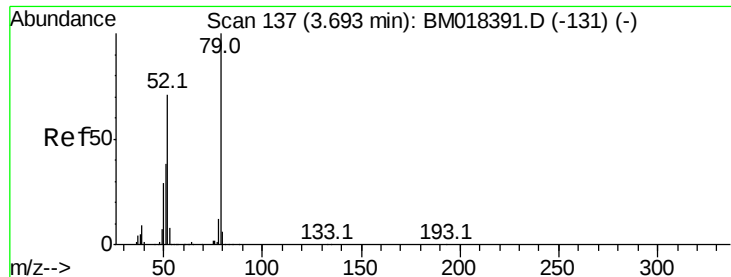
1,4-Dioxane
Concen: 20.742 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	58.4	87.6
43	34.3	26.2	39.4



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 24.922 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

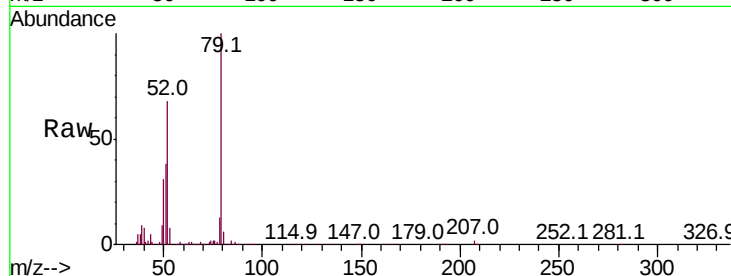
Tot Ion: 79 Resp: 728599

Ion Ratio Lower Upper

79 100

52 68.4 56.4 84.6

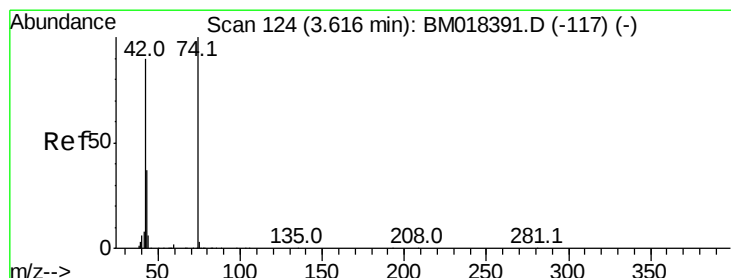
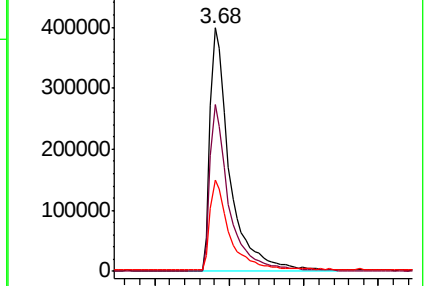
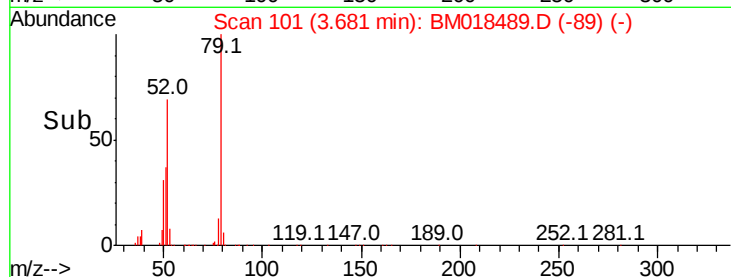
51 37.7 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018391.D (-131) (-)

Ion 52.00 (51.70 to 52.70): BM018391.D (-131) (-)

Ion 51.00 (50.70 to 51.70): BM018391.D (-131) (-)



#4

n-Nitrosodimethylamine

Concen: 33.835 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

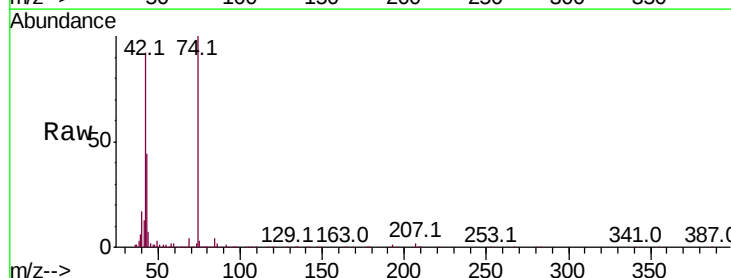
Tgt Ion: 42 Resp: 409024

Ion Ratio Lower Upper

42 100

74 108.6 88.6 132.8

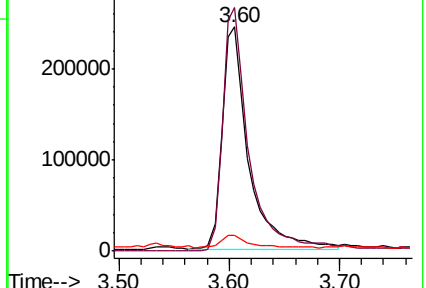
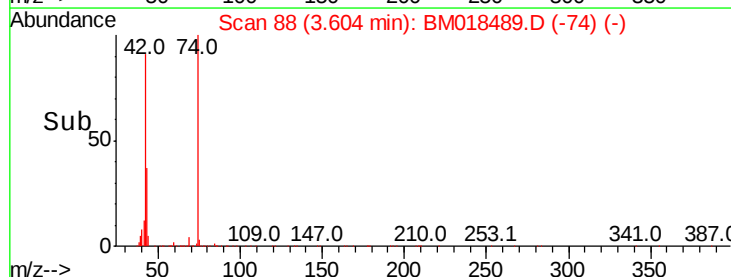
44 7.2 16.9 25.3#

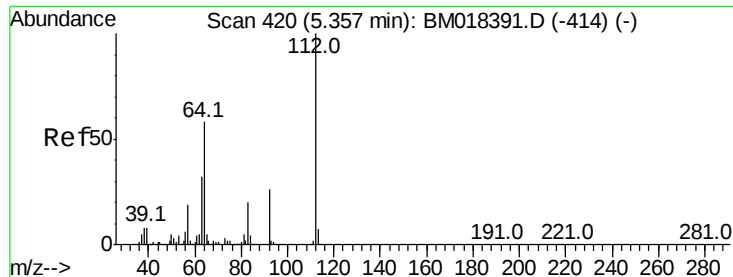


Abundance Ion 42.00 (41.70 to 42.70): BM018391.D (-117) (-)

Ion 74.00 (73.70 to 74.70): BM018391.D (-117) (-)

Ion 44.00 (43.70 to 44.70): BM018391.D (-117) (-)





#5

2-Fluorophenol

Concen: 128.089 ng

RT: 5.36 min Scan# 386

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

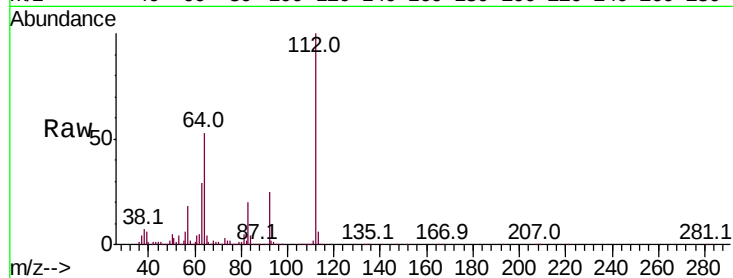
Tot Ion:112 Resp: 3685149

Ion Ratio Lower Upper

112 100

64 53.4 46.5 69.7

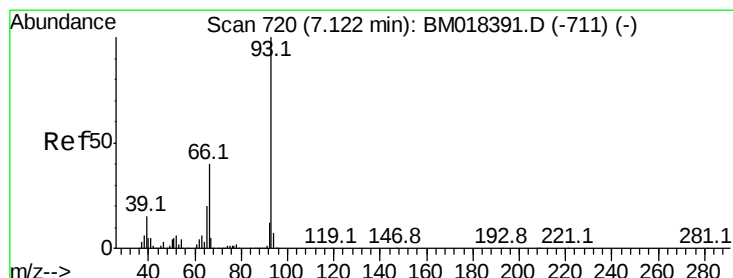
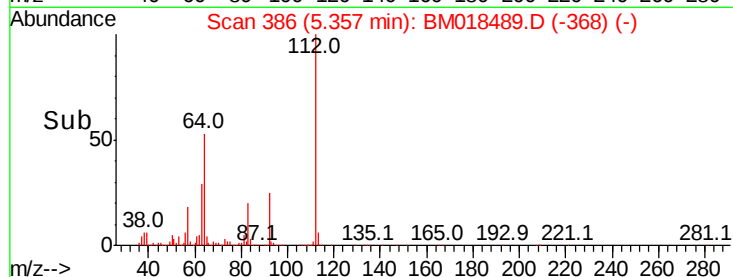
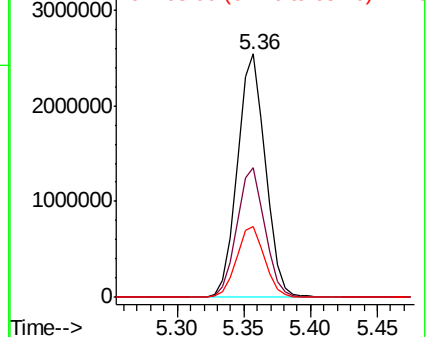
63 29.3 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 9.723 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

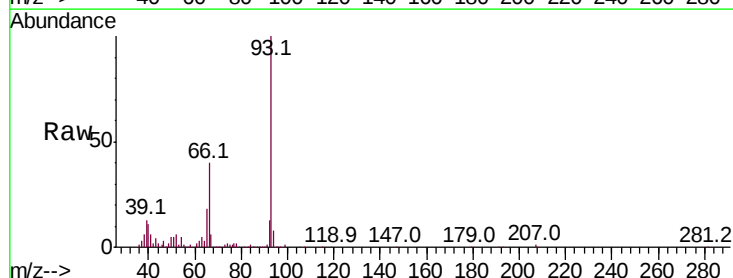
Tgt Ion: 93 Resp: 396312

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

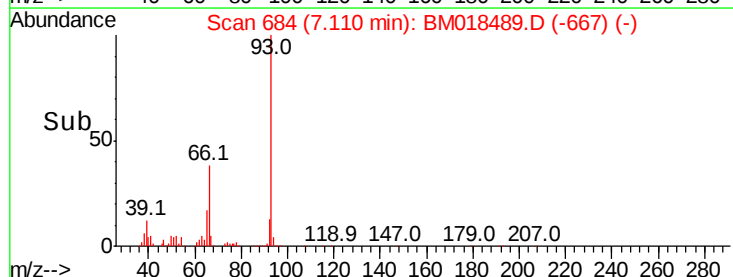
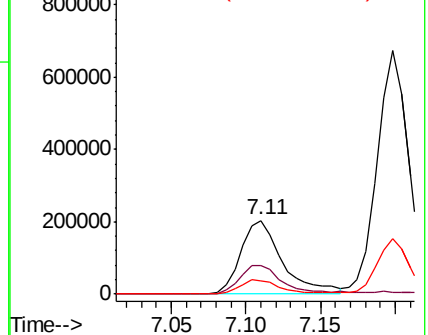
65 18.3 15.9 23.9

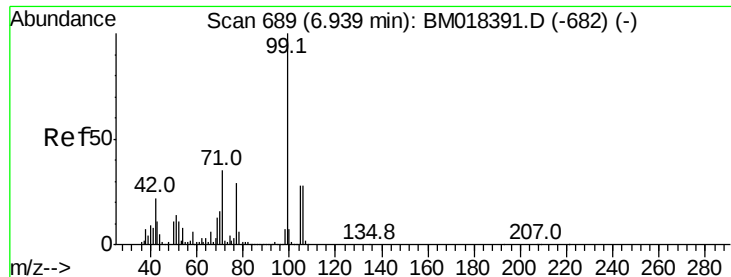


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 135.381 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

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SUP-3B-C-1-010819MSD

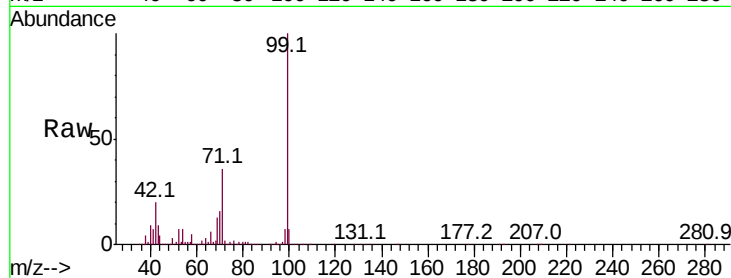
Tot Ion: 99 Resp: 4947042

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

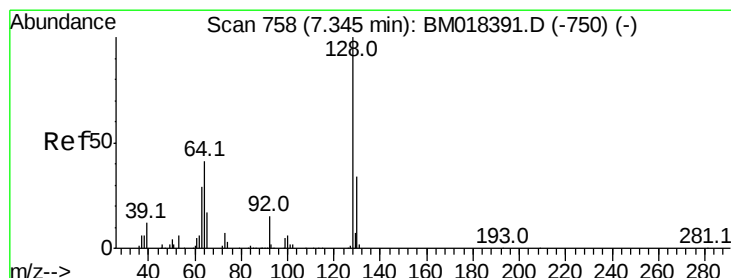
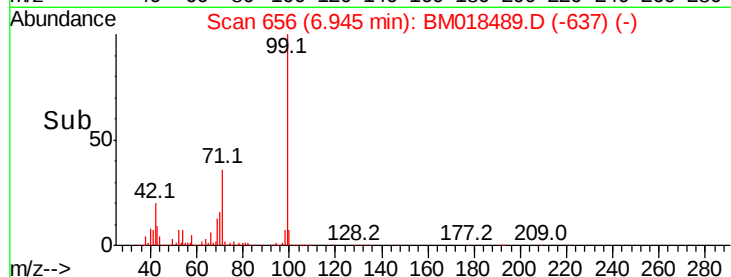
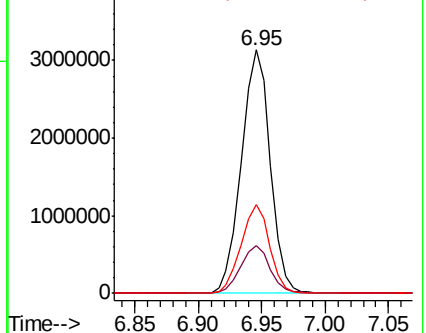
71 36.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#8

2-Chlorophenol

Concen: 37.574 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

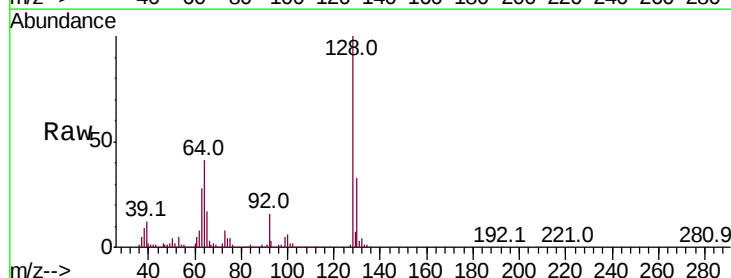
Tgt Ion:128 Resp: 1262520

Ion Ratio Lower Upper

128 100

130 33.2 13.6 53.6

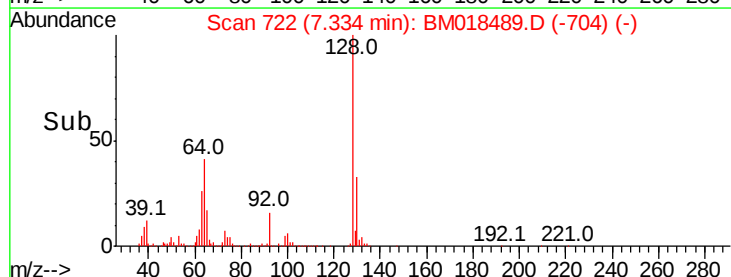
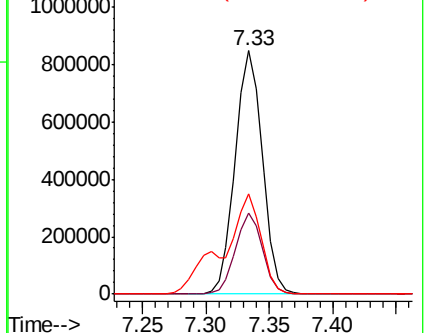
64 41.0 24.8 64.8

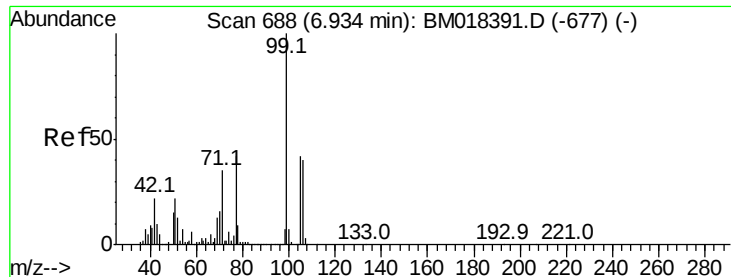


Abundance Ion 128.00 (127.70 to 128.70): BM018391.D (-750) (-)

Ion 130.00 (129.70 to 130.70): BM018391.D (-750) (-)

Ion 64.00 (63.70 to 64.70): BM018391.D (-750) (-)





#9

Benzaldehyde

Concen: 15.237 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

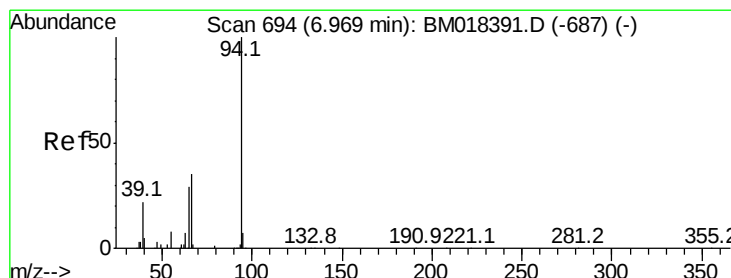
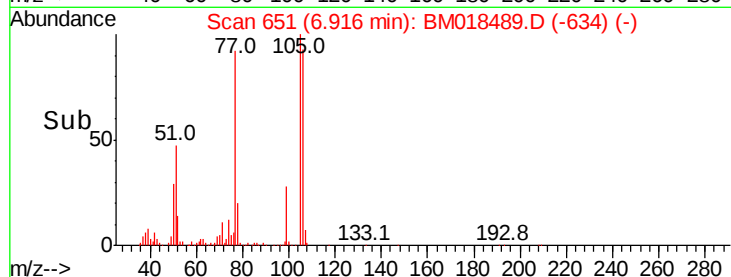
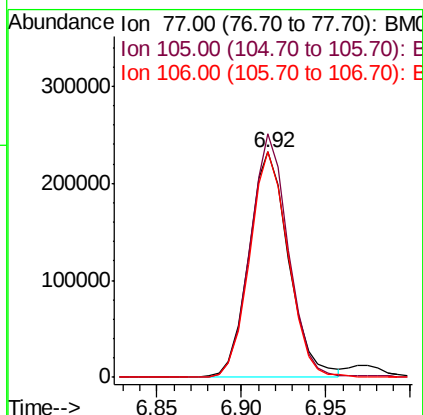
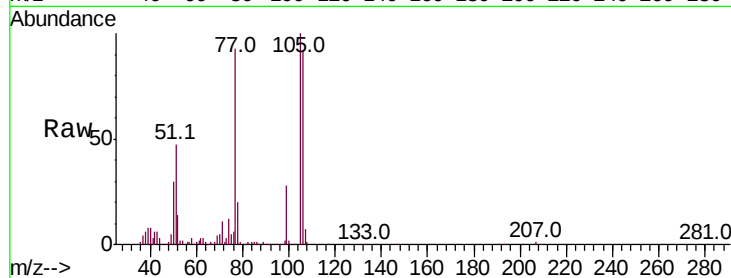
Tot Ion: 77 Resp: 379047

Ion Ratio Lower Upper

77 100

105 108.0 79.7 119.7

106 99.9 75.2 115.2



#10

Phenol

Concen: 43.303 ng

RT: 6.97 min Scan# 661

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

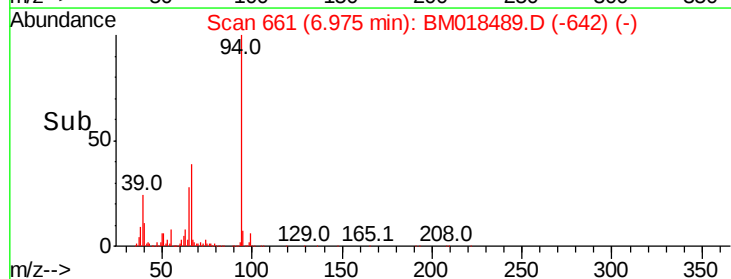
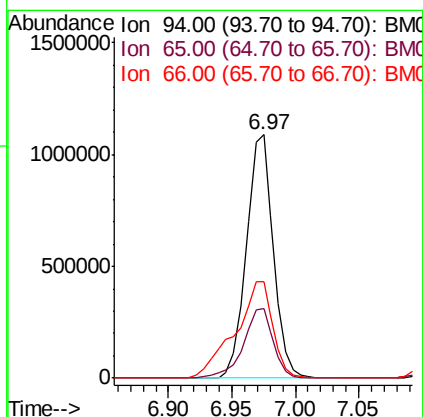
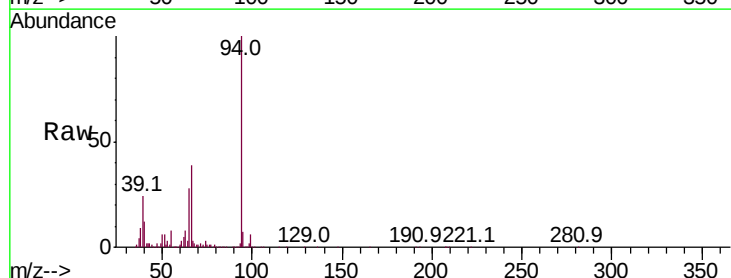
Tgt Ion: 94 Resp: 1607946

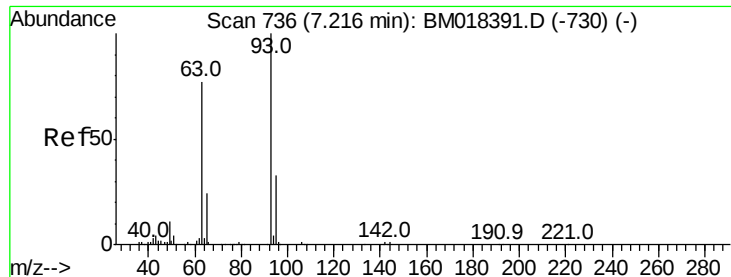
Ion Ratio Lower Upper

94 100

65 28.5 9.4 49.4

66 39.4 19.1 59.1

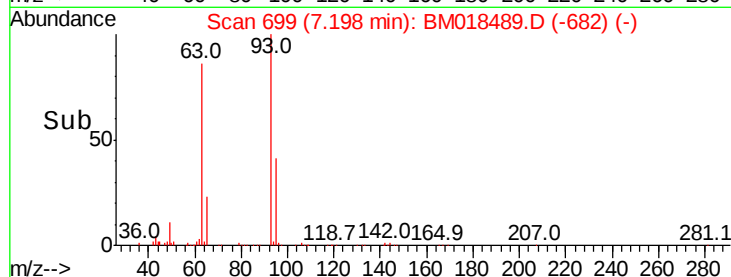
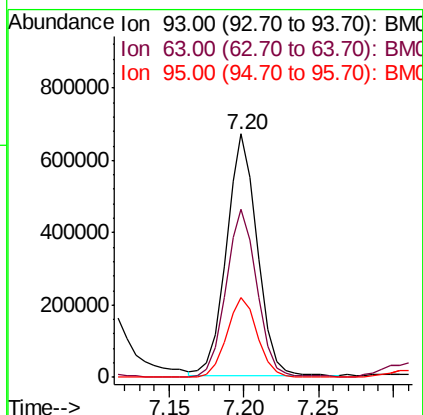
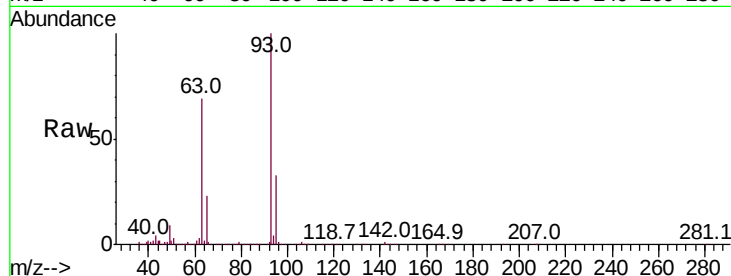




#11
bis(2-Chloroethyl)ether
Concen: 33.069 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

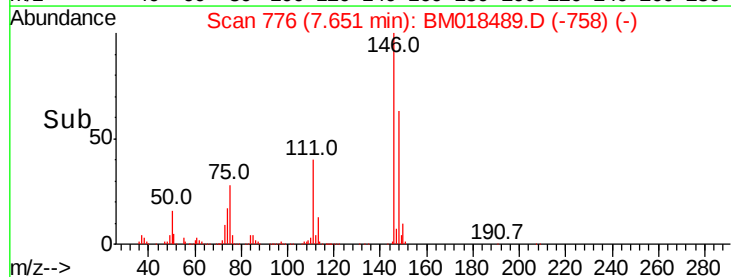
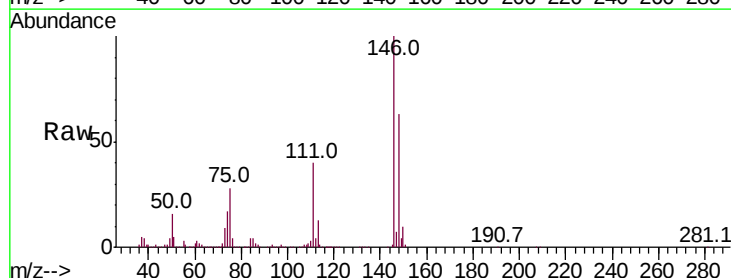
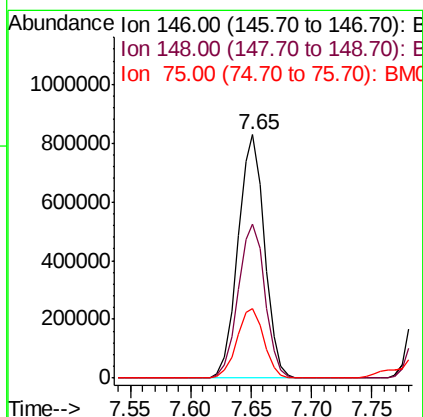
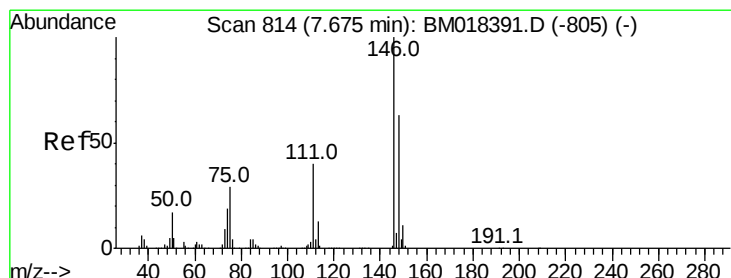
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

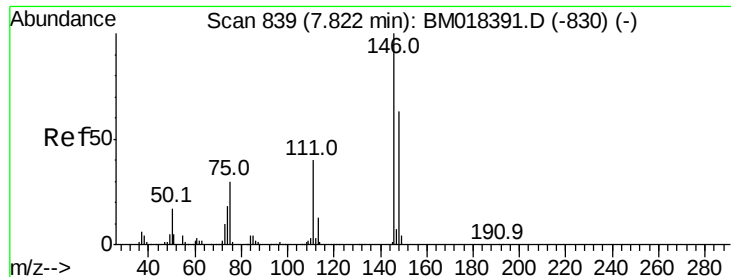
Tot Ion: 93 Resp: 964840
Ion Ratio Lower Upper
93 100
63 69.2 56.4 96.4
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 31.622 ng
RT: 7.65 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion: 146 Resp: 1265377
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 28.4 23.0 34.6

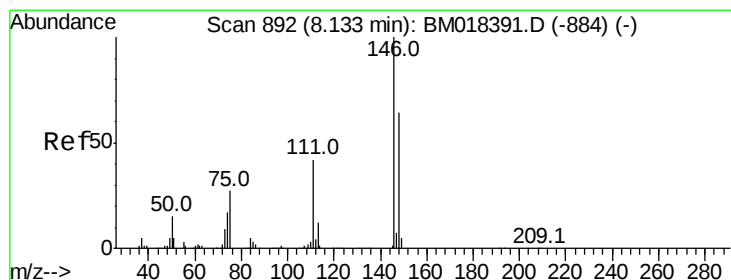
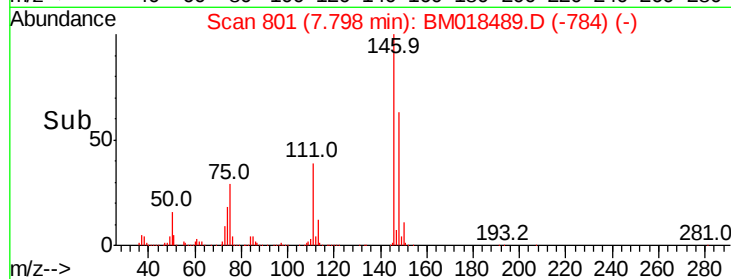
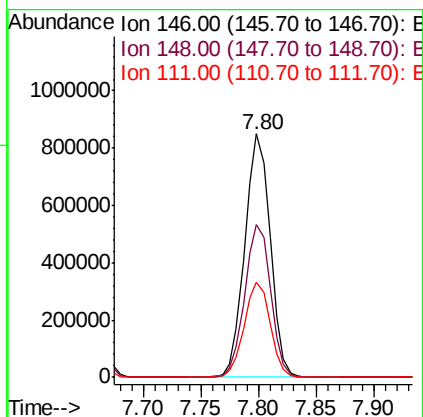
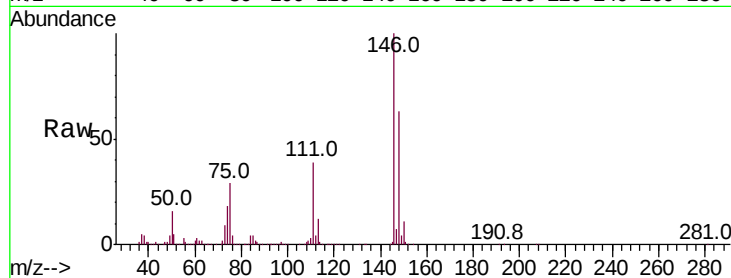




#13
 1,4-Dichlorobenzene
 Concen: 32.190 ng
 RT: 7.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

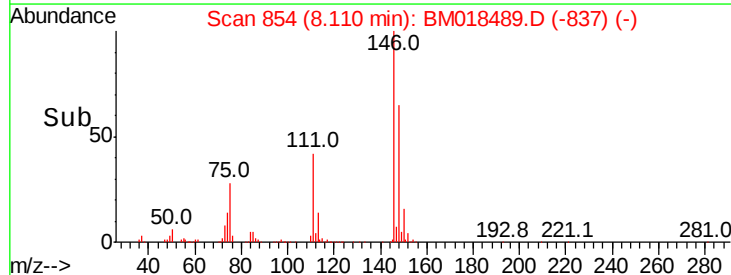
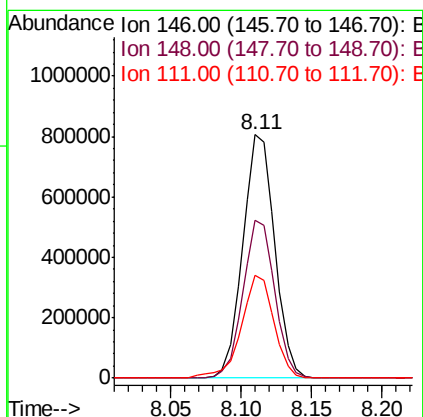
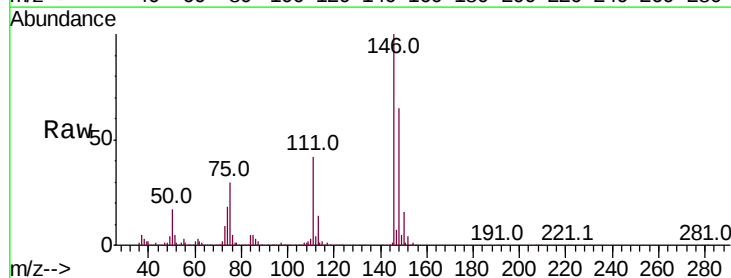
Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MSD

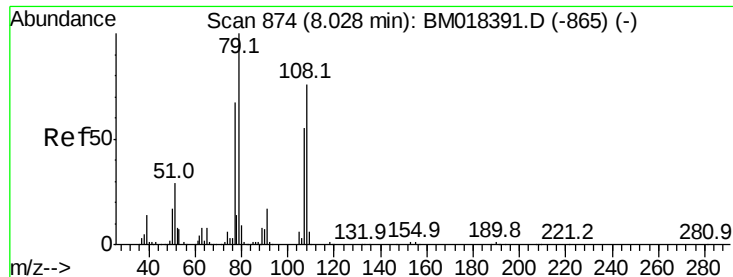
Tot Ion:146 Resp: 1305564
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 39.3 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 33.133 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

Tgt Ion:146 Resp: 1274237
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.6
 111 42.3 33.8 50.6





#15

Benzyl Alcohol

Concen: 35.539 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

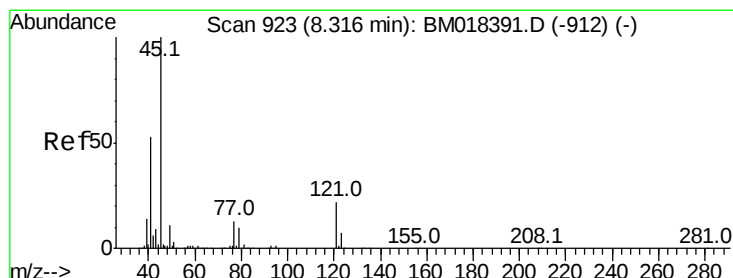
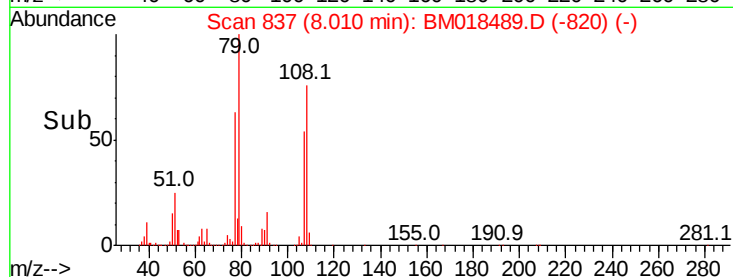
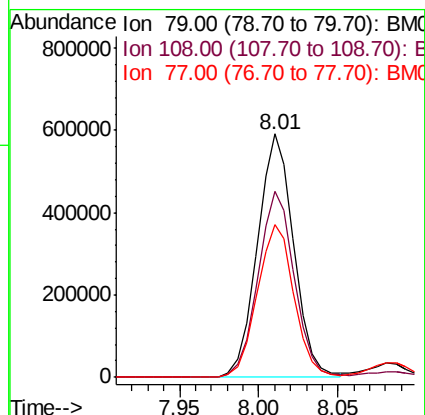
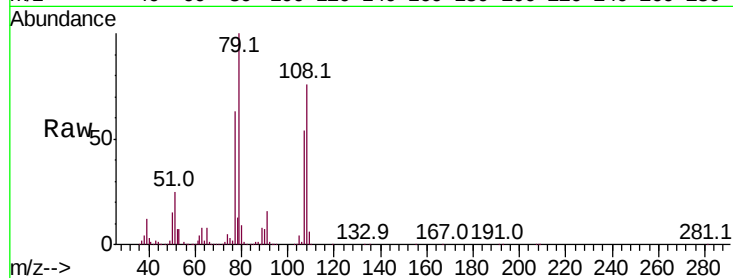
Tot Ion: 79 Resp: 937979

Ion Ratio Lower Upper

79 100

108 76.4 60.4 90.6

77 62.8 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.654 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

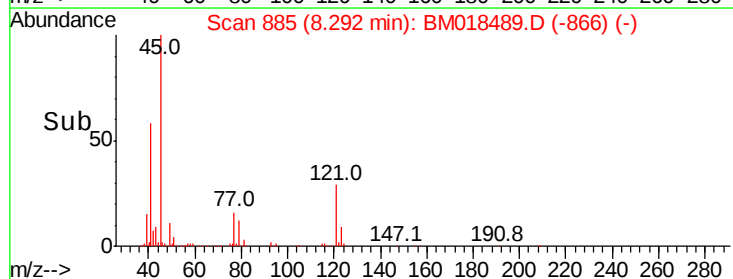
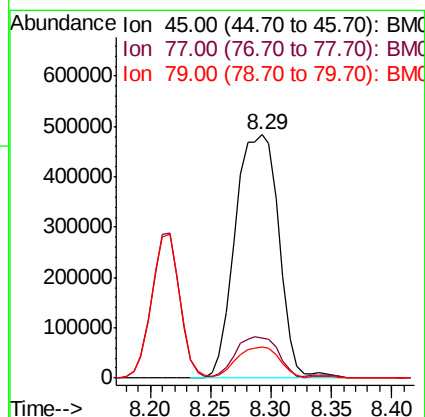
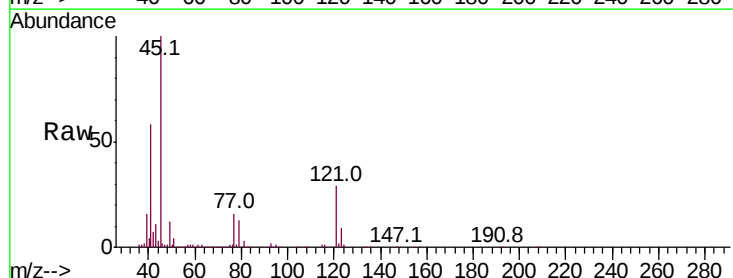
Tgt Ion: 45 Resp: 1217566

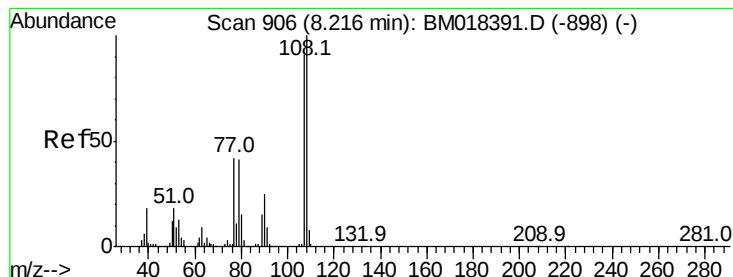
Ion Ratio Lower Upper

45 100

77 16.2 0.0 33.4

79 13.0 0.0 31.1





#17

2-Methylphenol

Concen: 39.607 ng

RT: 8.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:107 Resp: 998308

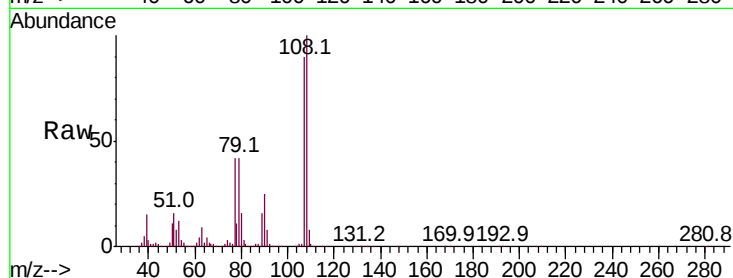
Ion Ratio Lower Upper

107 100

108 110.6 87.5 131.3

77 46.7 37.3 55.9

79 46.3 36.4 54.6

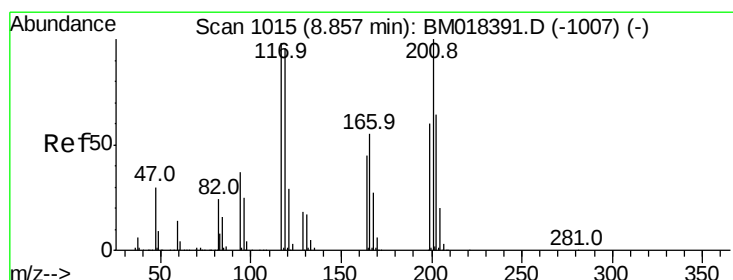
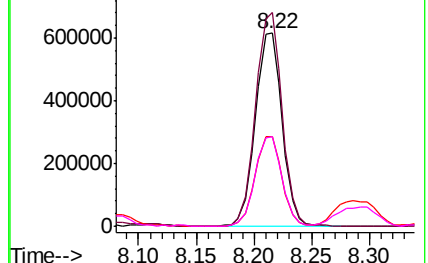
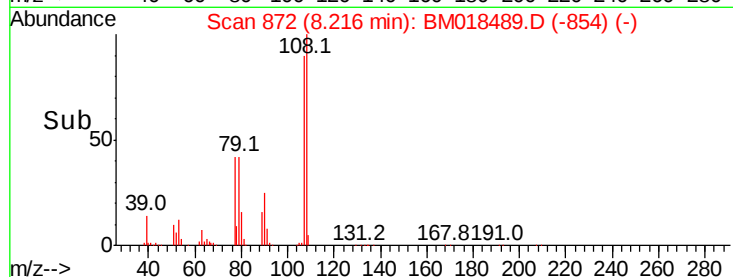


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 21.874 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

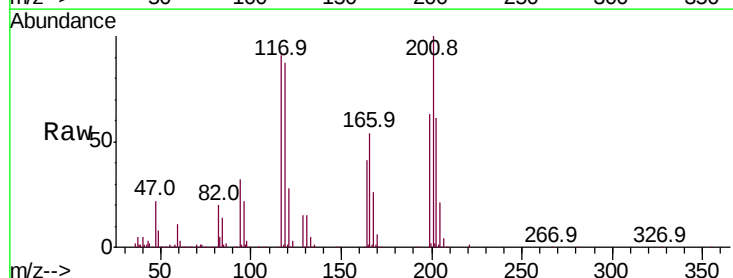
Tgt Ion:117 Resp: 316324

Ion Ratio Lower Upper

117 100

119 96.2 78.3 117.5

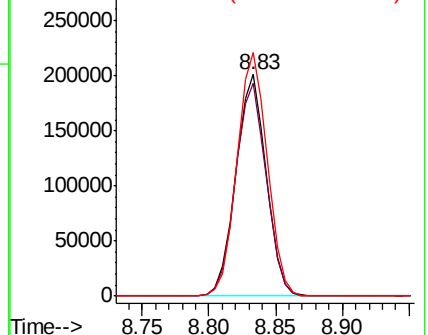
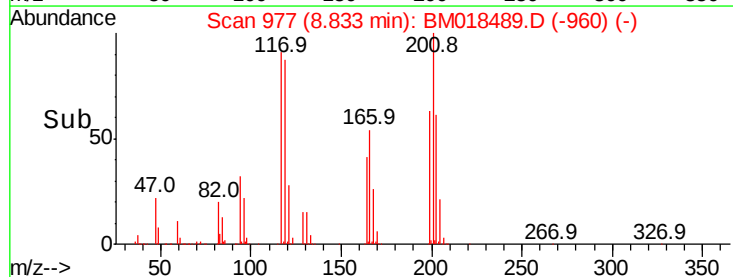
201 110.0 81.4 122.0

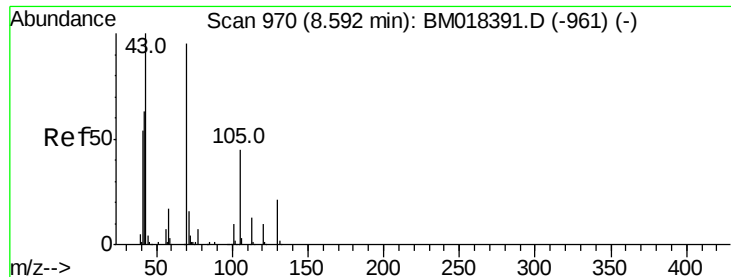


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

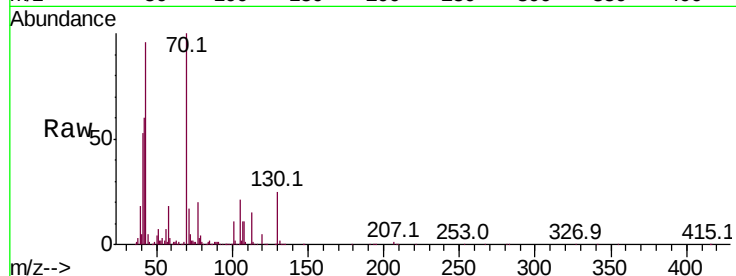




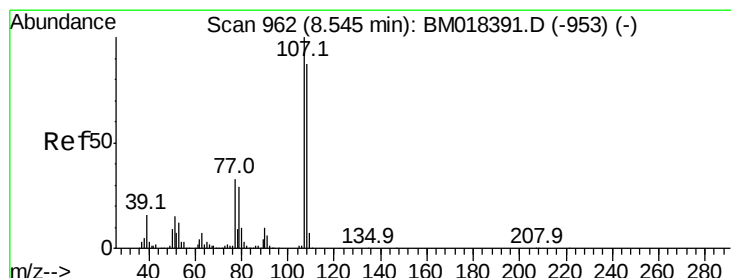
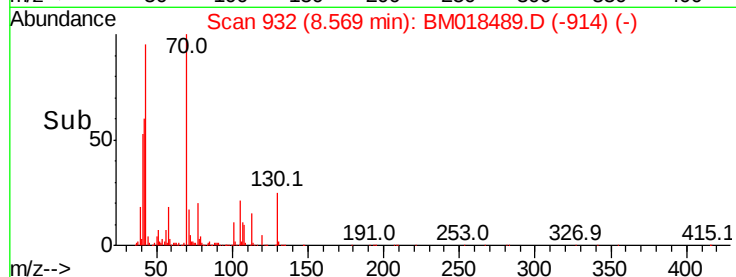
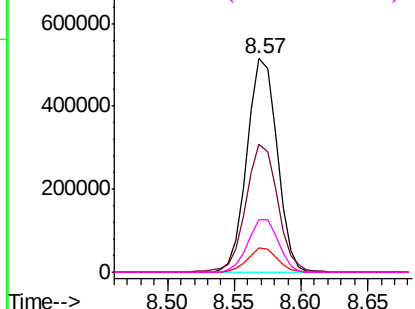
#19
n-Nitroso-di-n-propylamine
Concen: 33.691 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

Tot Ion: 70 Resp: 801192
Ion Ratio Lower Upper
70 100
42 60.0 54.0 81.0
101 11.1 8.1 12.1
130 24.8 17.8 26.6

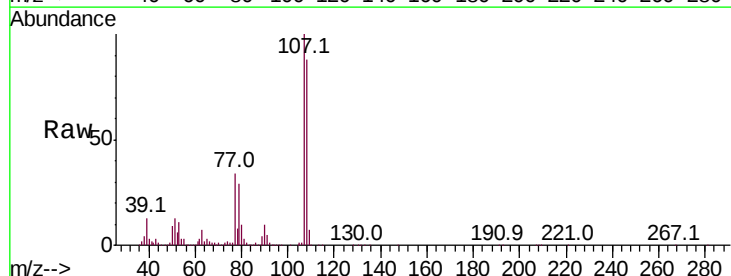


Abundance Ion 70.00 (69.70 to 70.70): BM018489.D (-932) (-)
800000
Ion 42.00 (41.70 to 42.70): BM018489.D (-932) (-)
Ion 101.00 (100.70 to 101.70): BM018489.D (-932) (-)
Ion 130.00 (129.70 to 130.70): BM018489.D (-932) (-)

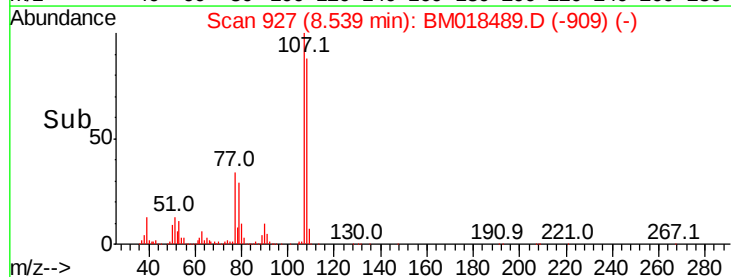
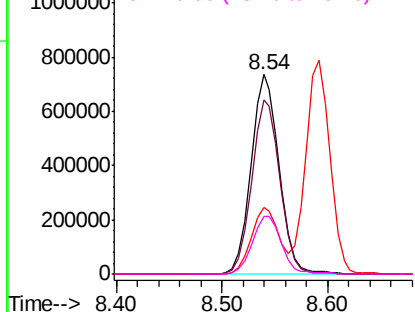


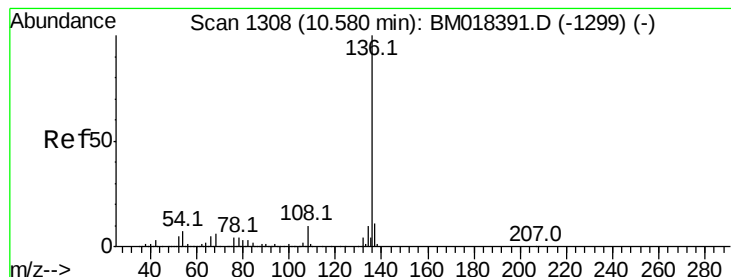
#20
3+4-Methylphenols
Concen: 38.861 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion: 107 Resp: 1352177
Ion Ratio Lower Upper
107 100
108 87.5 66.8 106.8
77 33.6 13.3 53.3
79 29.2 8.8 48.8



Abundance Ion 107.00 (106.70 to 107.70): BM018489.D (-927) (-)
1200000
Ion 108.00 (107.70 to 108.70): BM018489.D (-927) (-)
Ion 77.00 (76.70 to 77.70): BM018489.D (-927) (-)
Ion 79.00 (78.70 to 79.70): BM018489.D (-927) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

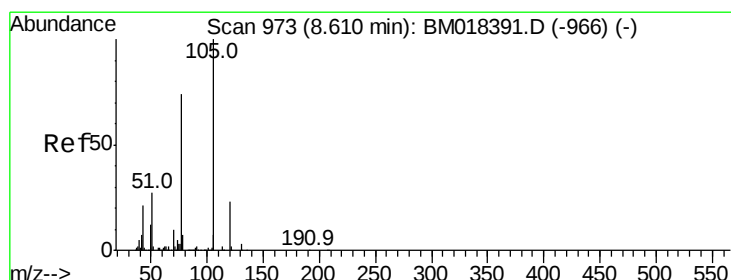
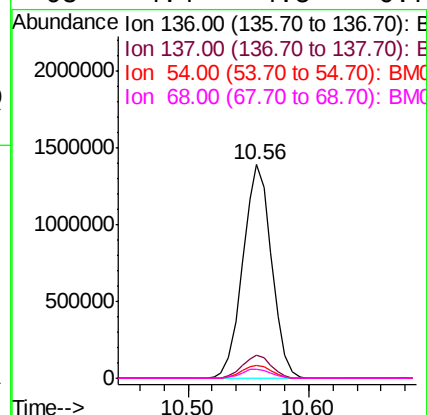
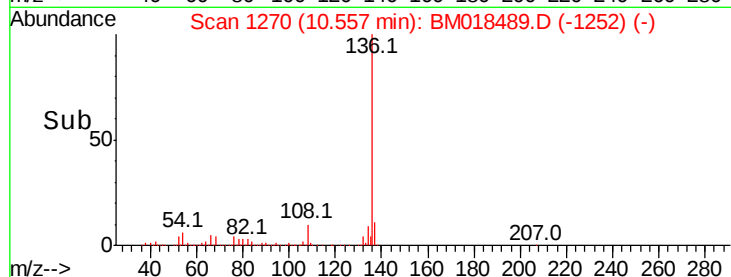
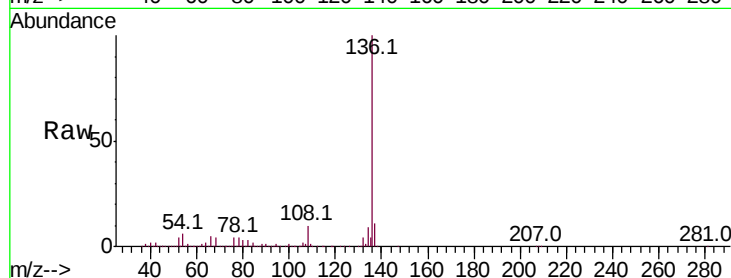
ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:136 Resp: 2291165

Ion Ratio Lower Upper

136	100		
137	10.8	8.5	12.7
54	6.2	6.0	9.0
68	4.4	4.5	6.7#



#22

Acetophenone

Concen: 29.610 ng

RT: 8.59 min Scan# 936

Delta R.T. 0.01 min

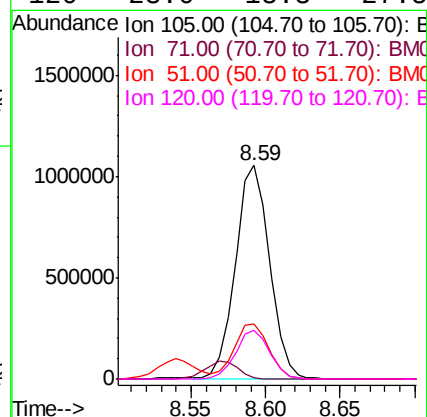
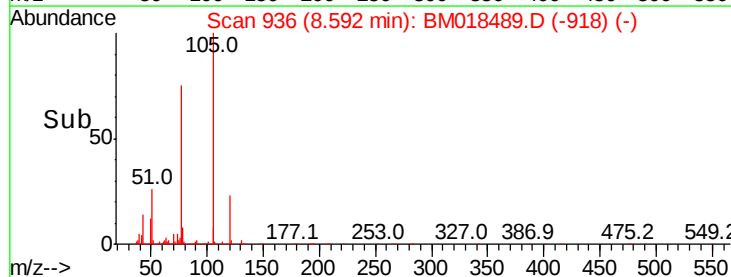
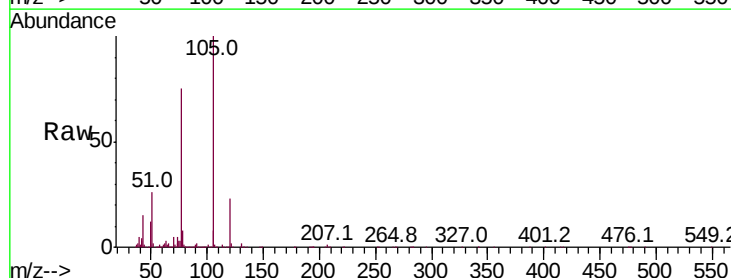
Lab File: BM018489.D

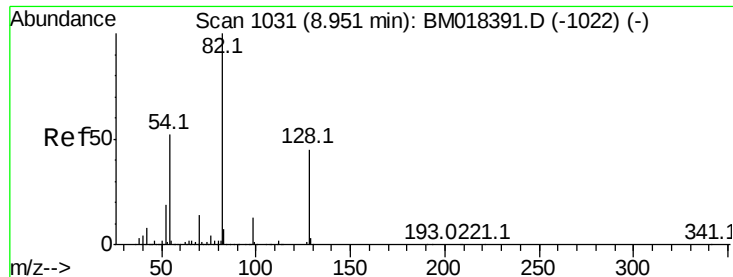
Acq: 10 Jan 2019 00:55

Tgt Ion:105 Resp: 1678241

Ion Ratio Lower Upper

105	100		
71	0.8	1.7	2.5#
51	25.7	22.6	34.0
120	23.0	18.3	27.5

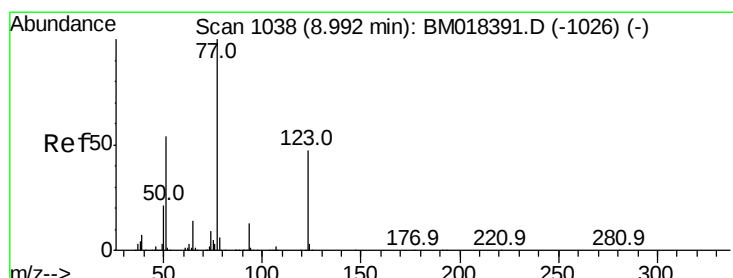
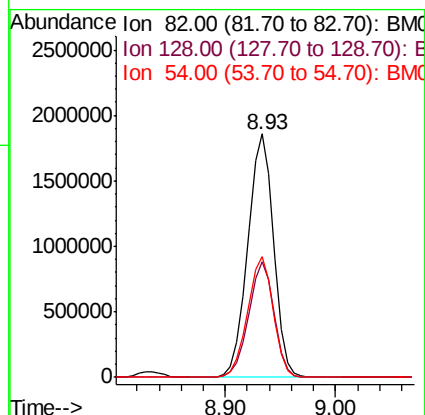
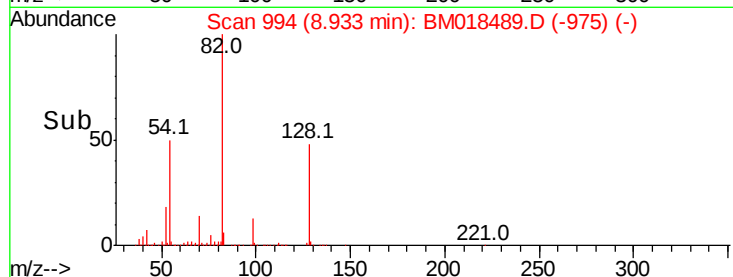
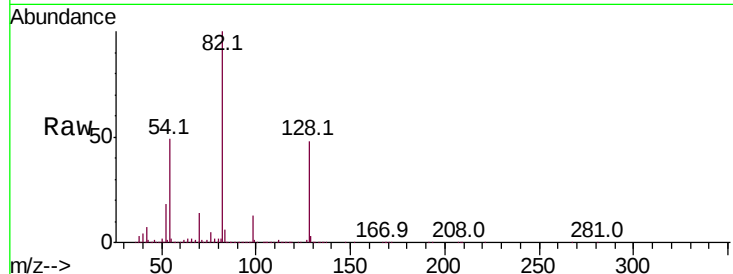




#23
Nitrobenzene-d5
Concen: 77.130 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

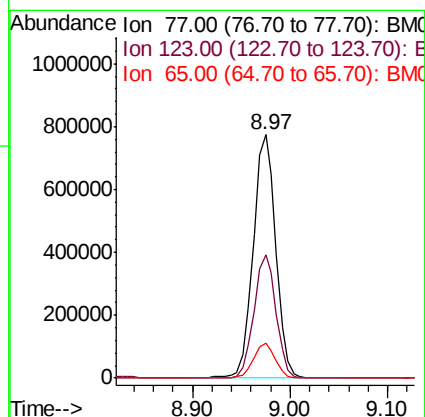
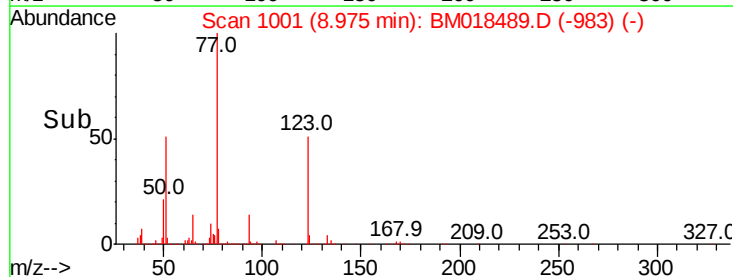
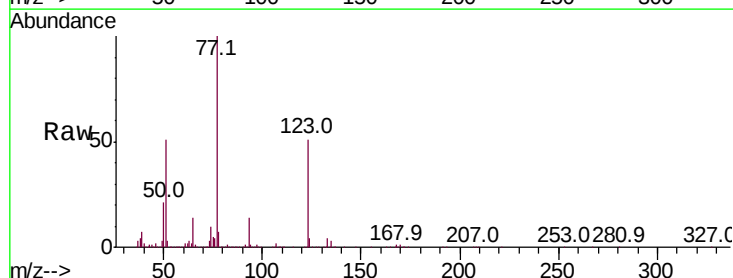
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

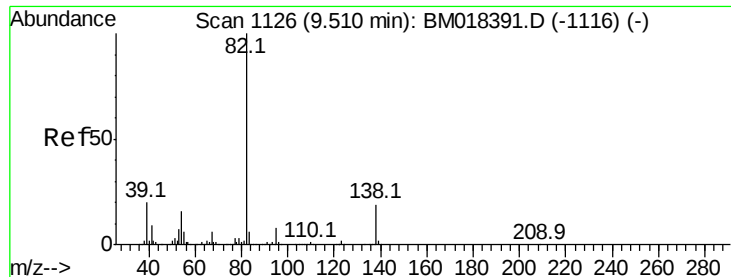
Tot Ion: 82 Resp: 3048381
Ion Ratio Lower Upper
82 100
128 47.6 36.3 54.5
54 49.4 41.7 62.5



#24
Nitrobenzene
Concen: 32.355 ng
RT: 8.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion: 77 Resp: 1258194
Ion Ratio Lower Upper
77 100
123 50.7 37.7 56.5
65 14.4 11.0 16.6





#25

Isophorone

Concen: 37.530 ng

RT: 9.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

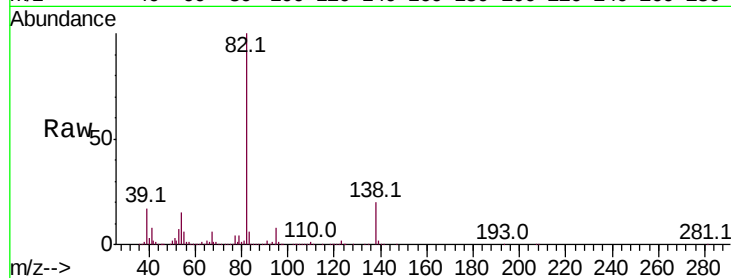
Tot Ion: 82 Resp: 2246102

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

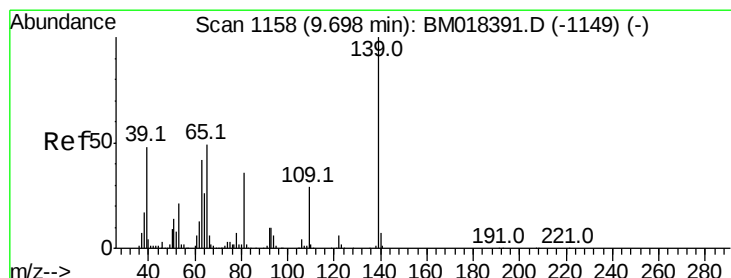
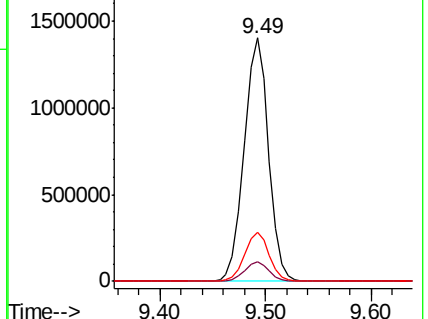
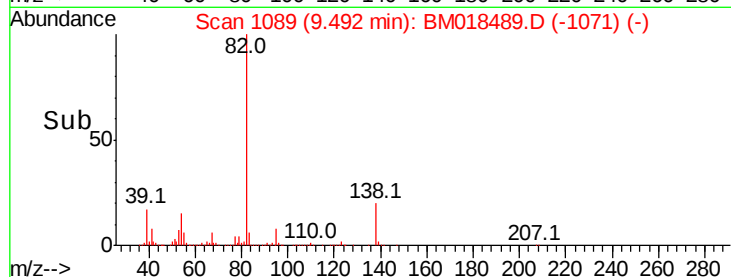
138 20.3 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018489.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018489.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018489.D (-1071) (-)



#26

2-Nitrophenol

Concen: 36.453 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

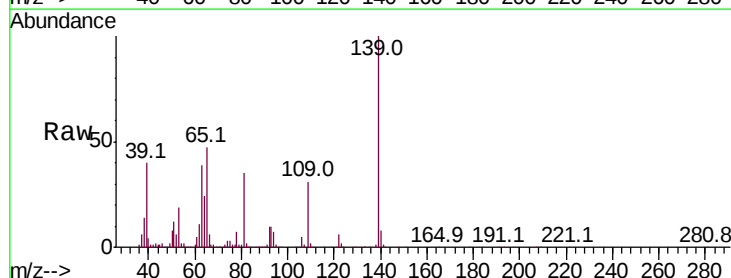
Tgt Ion: 139 Resp: 685443

Ion Ratio Lower Upper

139 100

109 30.5 23.4 35.2

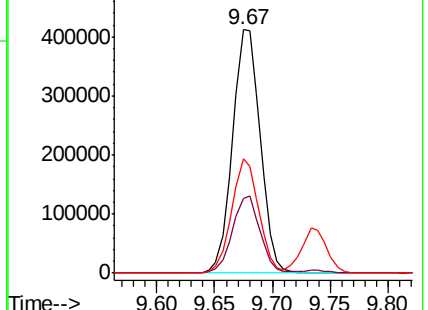
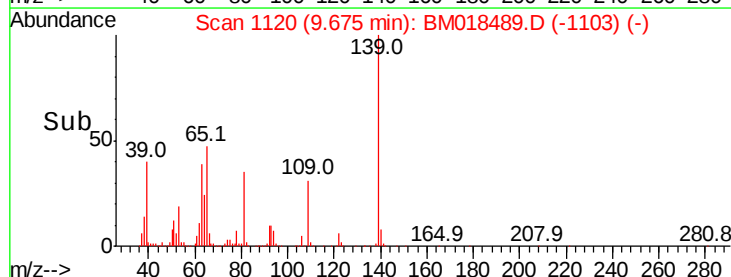
65 46.9 39.4 59.2

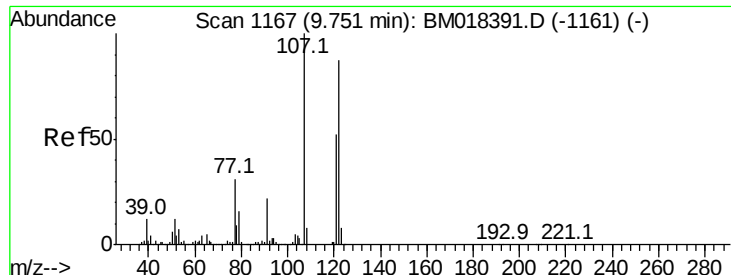


Abundance Ion 139.00 (138.70 to 139.70): BM018489.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM018489.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM018489.D (-1103) (-)





#27

2,4-Dimethylphenol

Concen: 40.877 ng

RT: 9.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

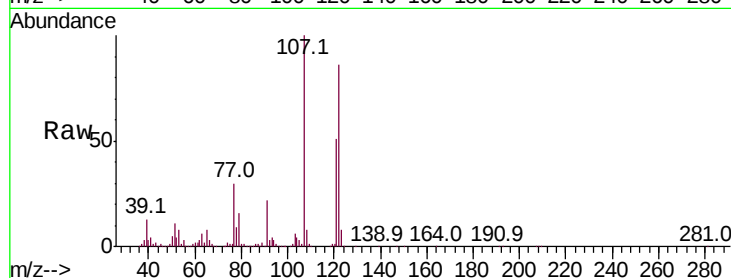
Tot Ion:122 Resp: 1152076

Ion Ratio Lower Upper

122 100

107 116.3 91.9 137.9

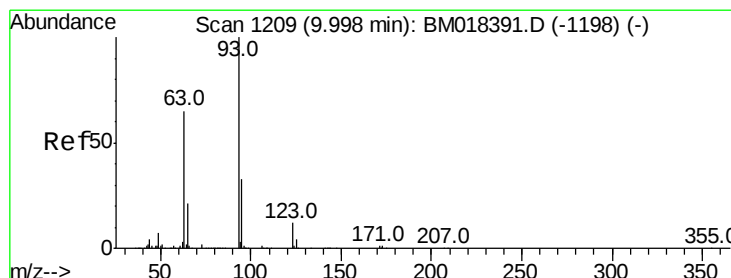
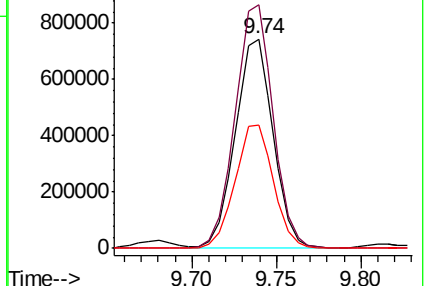
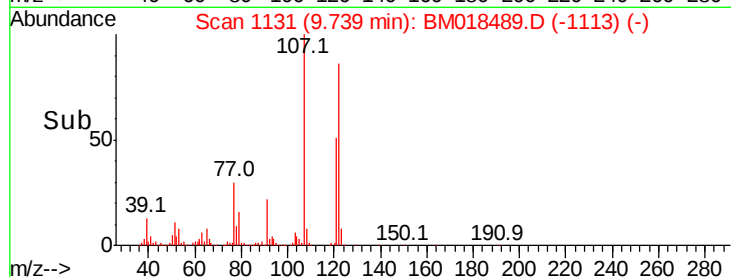
121 59.0 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.932 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

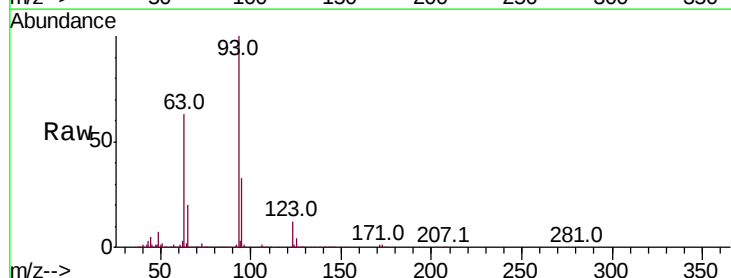
Tgt Ion: 93 Resp: 1361551

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

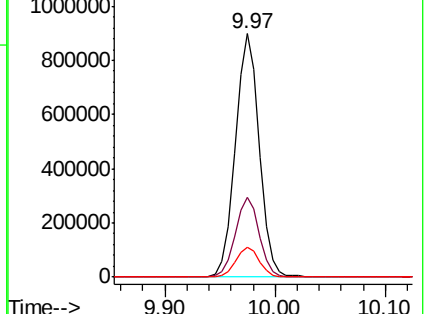
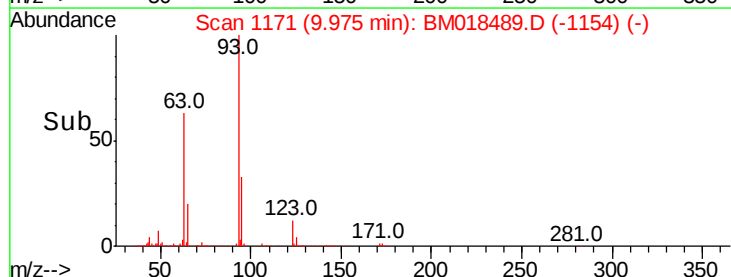
123 12.4 9.9 14.9

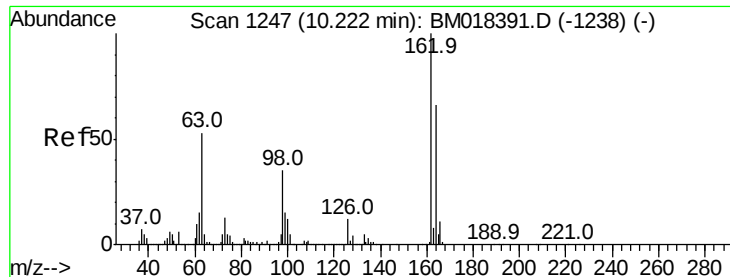


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

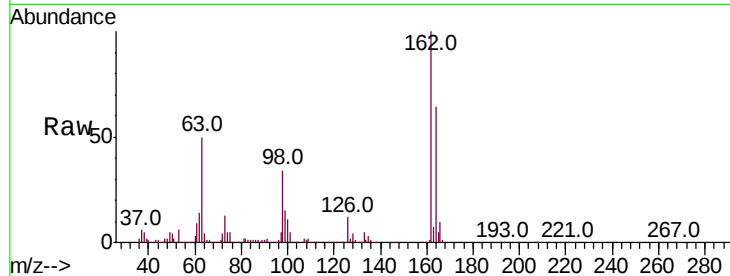




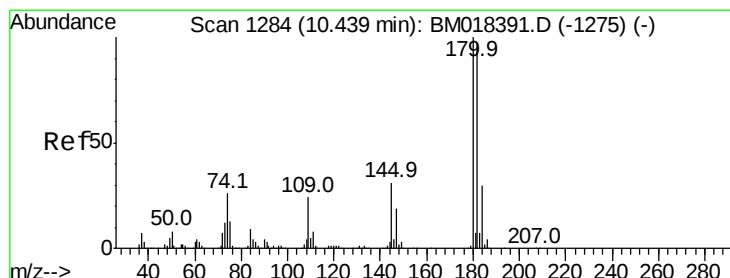
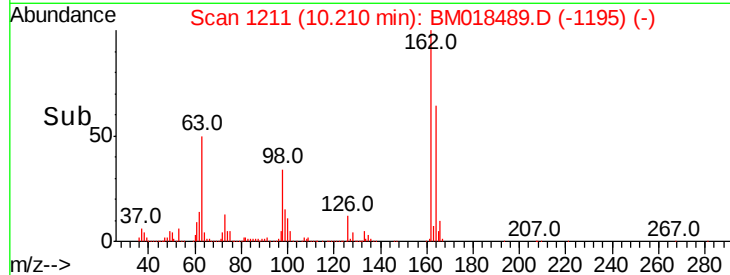
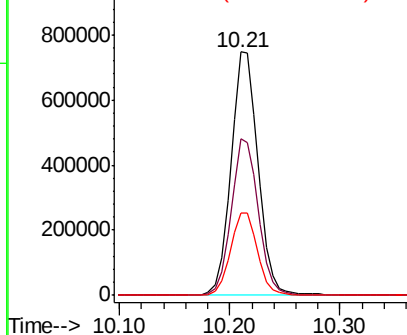
#29
 2,4-Dichlorophenol
 Concen: 38.308 ng
 RT: 10.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MSD

Tot Ion:162 Resp: 1285644
 Ion Ratio Lower Upper
 162 100
 164 64.1 45.6 85.6
 98 33.9 14.7 54.7

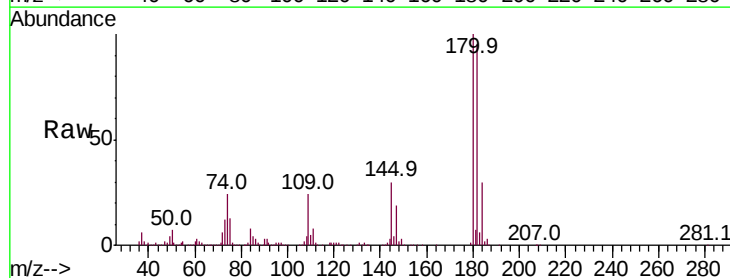


Abundance Ion 162.00 (161.70 to 162.70): E
 1000000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

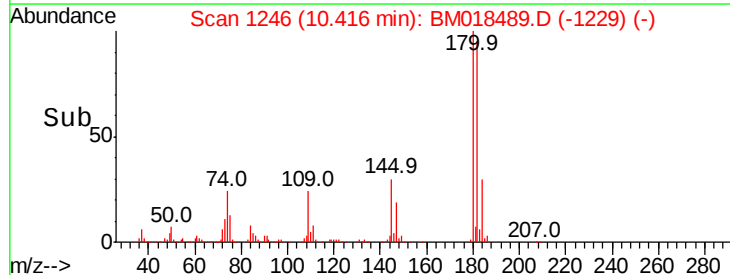
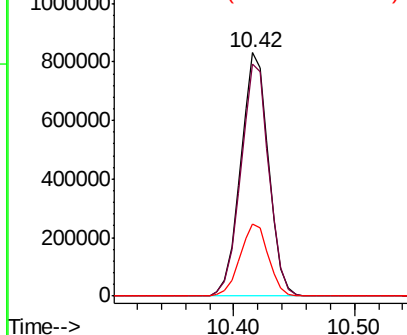


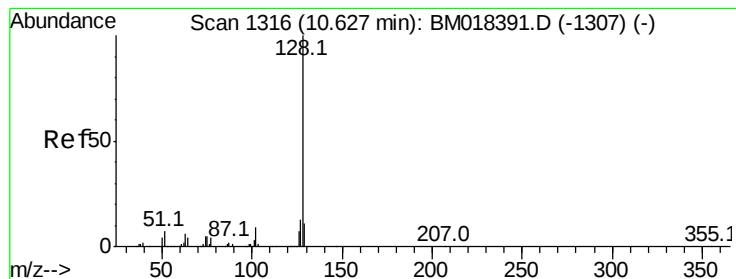
#30
 1,2,4-Trichlorobenzene
 Concen: 32.051 ng
 RT: 10.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

Tgt Ion:180 Resp: 1335143
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.4 116.2
 145 29.8 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): E
 1000000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.353 ng

RT: 10.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

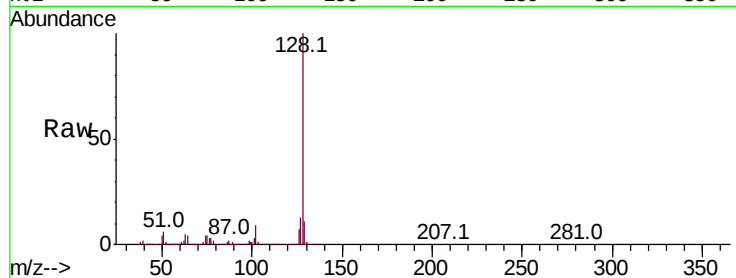
Tot Ion:128 Resp: 3901013

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

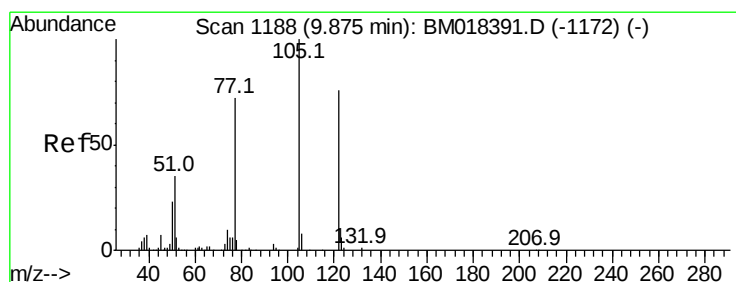
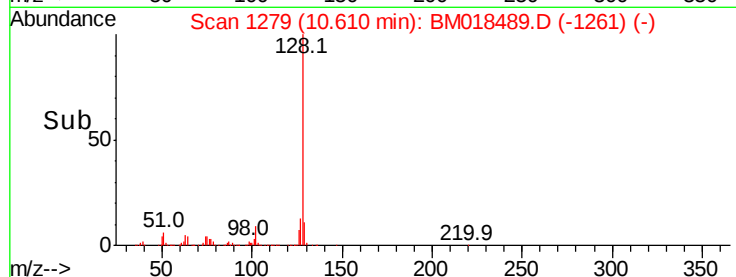
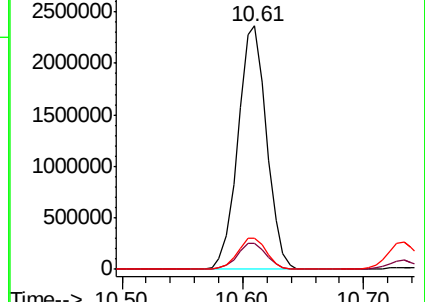
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.539 ng

RT: 9.96 min Scan# 1169

Delta R.T. 0.06 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

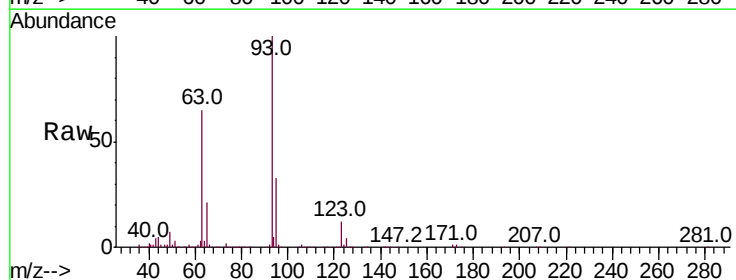
Tgt Ion:122 Resp: 804

Ion Ratio Lower Upper

122 100

105 76.9 100.4 140.4#

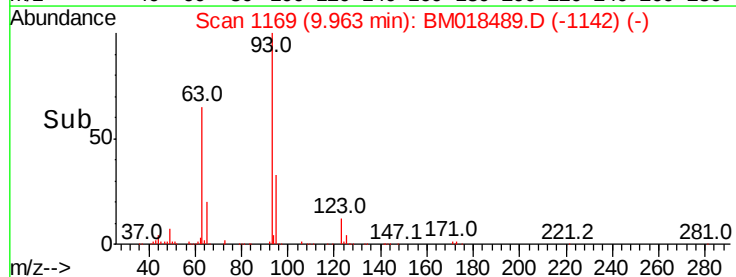
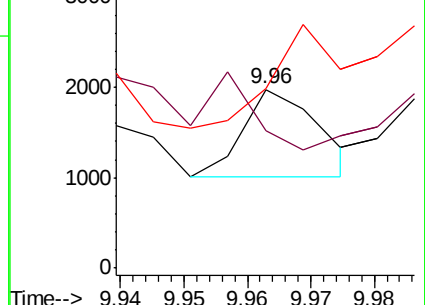
77 100.8 71.7 111.7

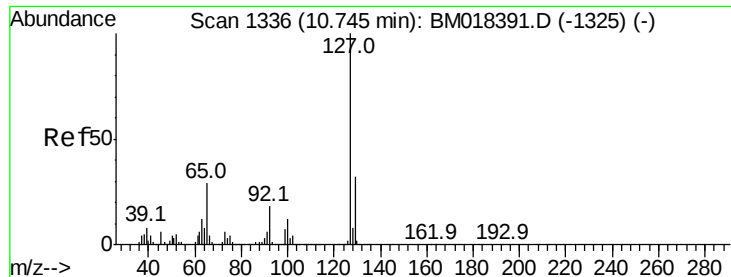


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

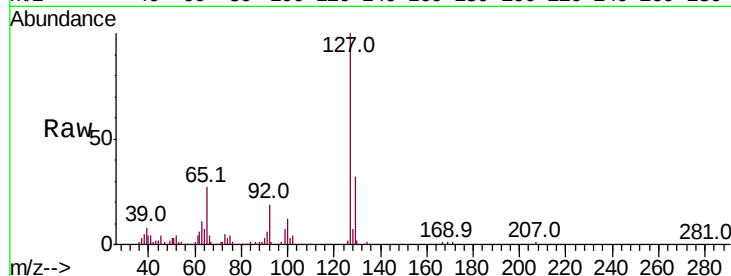




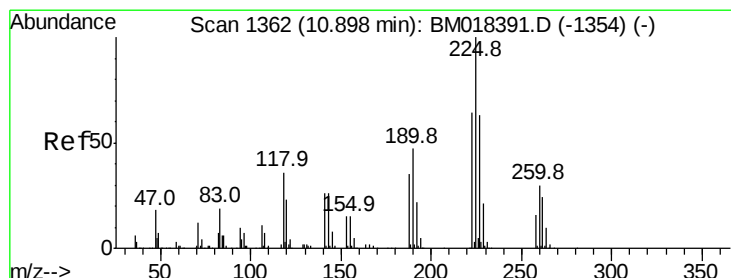
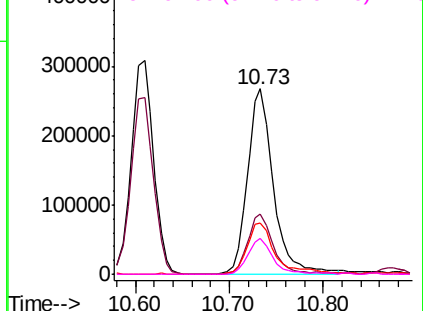
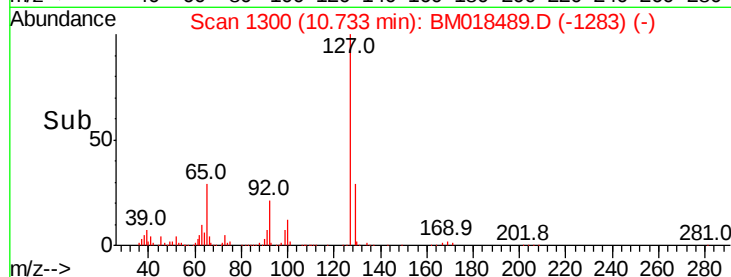
#33
4-Chloroaniline
Concen: 11.662 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

Tot Ion:	127	Resp:	506774
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	27.5	23.4	35.2
92	19.2	14.5	21.7

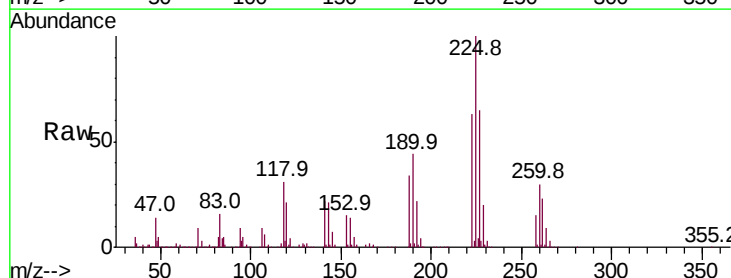


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

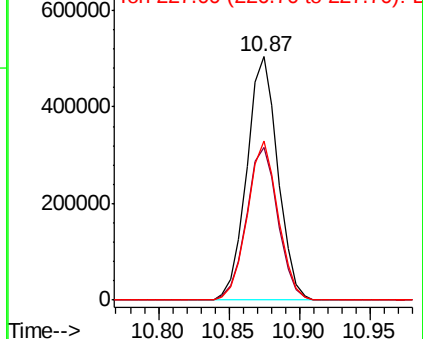
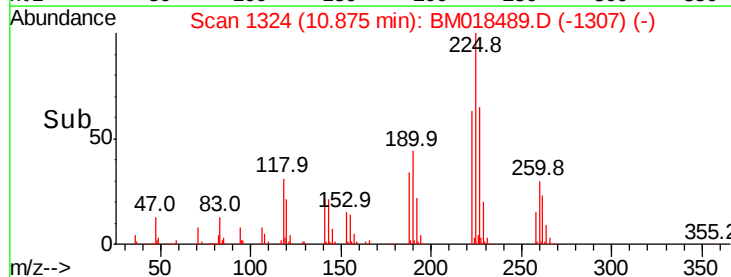


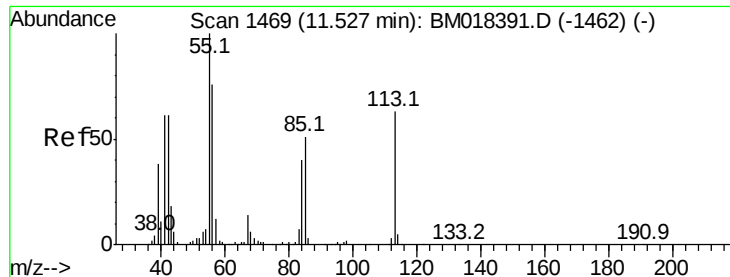
#34
Hexachlorobutadiene
Concen: 29.598 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:	225	Resp:	778922
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.8	76.2
227	65.5	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.546 ng

RT: 11.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

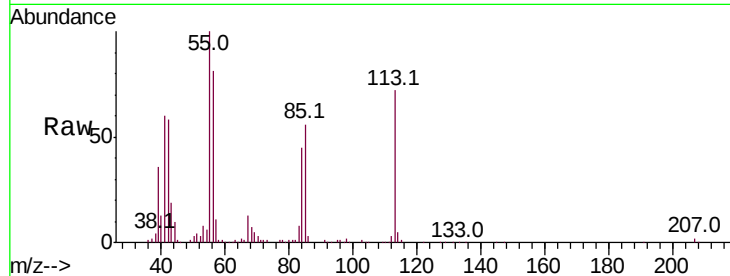
Tot Ion:113 Resp: 211610

Ion Ratio Lower Upper

113 100

55 138.3 139.3 179.3#

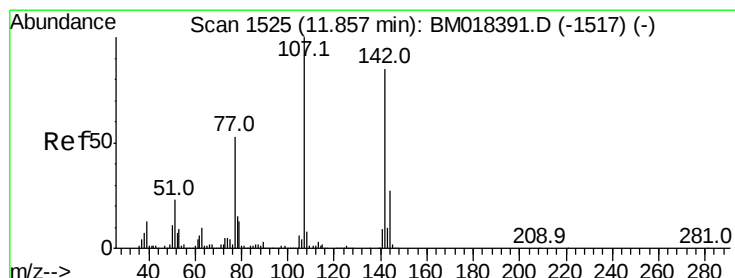
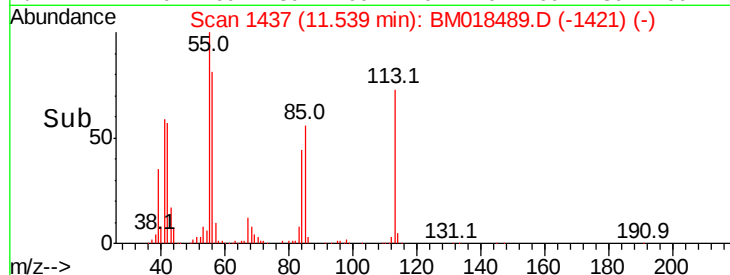
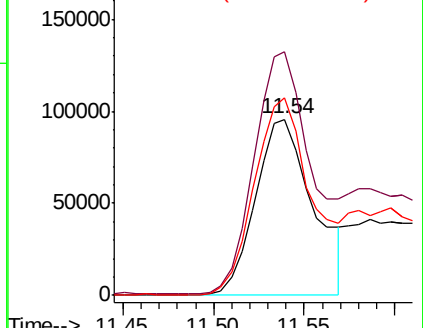
56 111.9 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.578 ng

RT: 11.86 min Scan# 1491

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

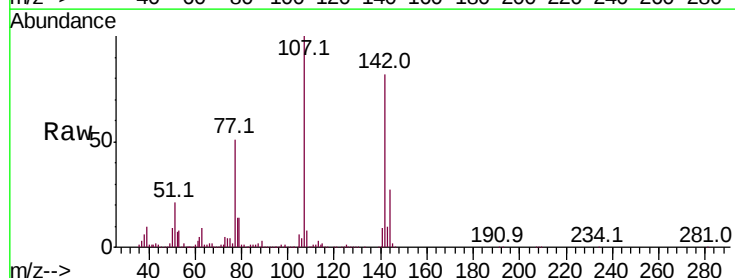
Tgt Ion:107 Resp: 1358311

Ion Ratio Lower Upper

107 100

144 26.8 21.9 32.9

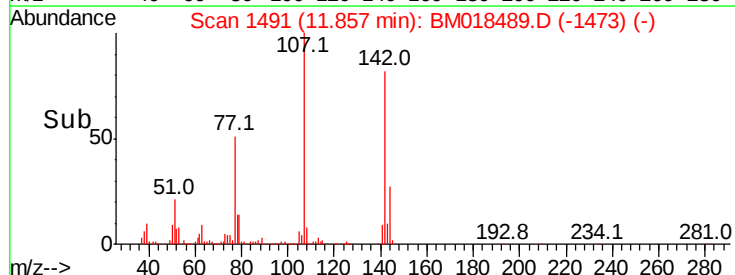
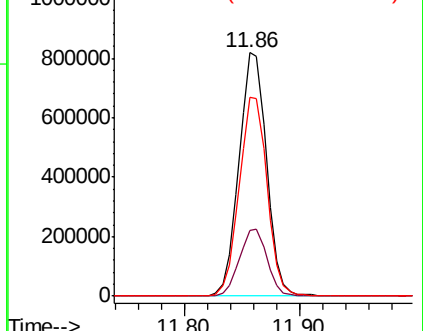
142 81.7 67.9 101.9

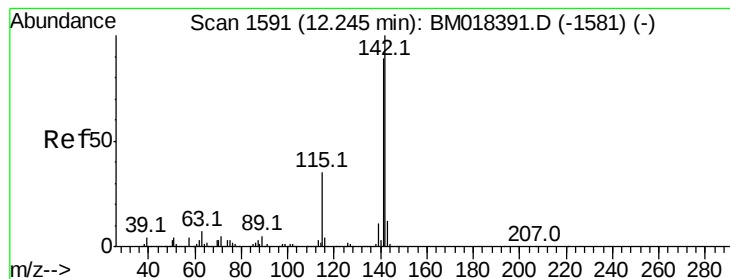


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.583 ng

RT: 12.22 min Scan# 1553

Delta R.T. -0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

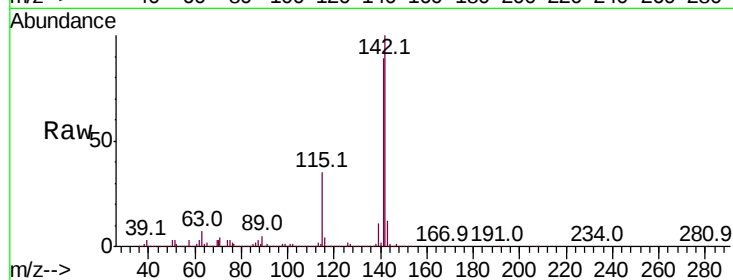
Tot Ion:142 Resp: 2930012

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

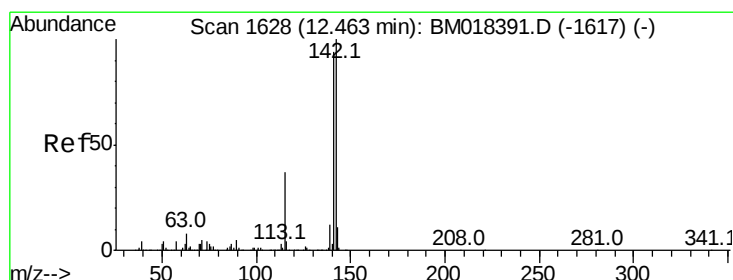
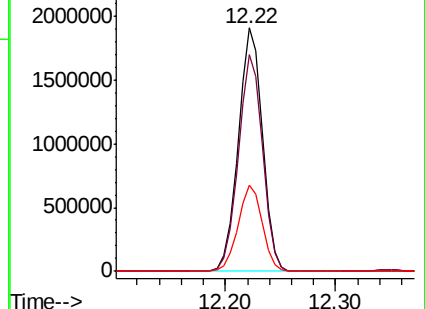
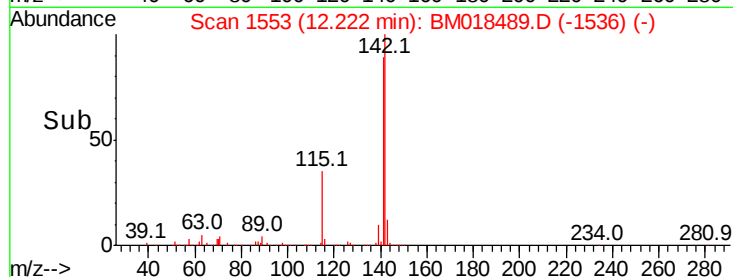
115 35.2 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.894 ng

RT: 12.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

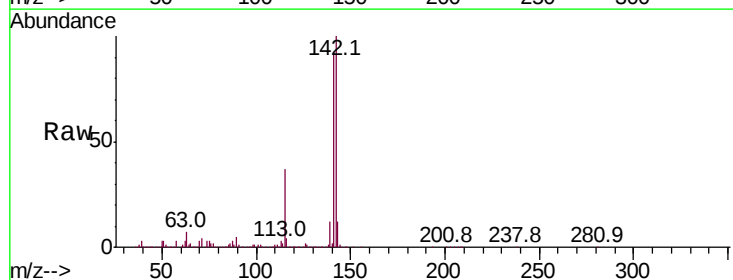
Tgt Ion:142 Resp: 2783026

Ion Ratio Lower Upper

142 100

141 91.7 75.6 113.4

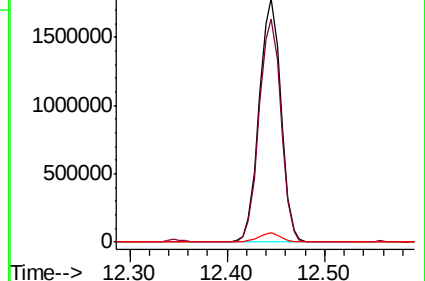
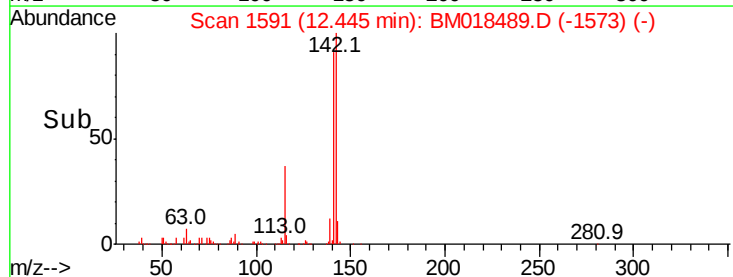
116 3.9 3.0 4.6

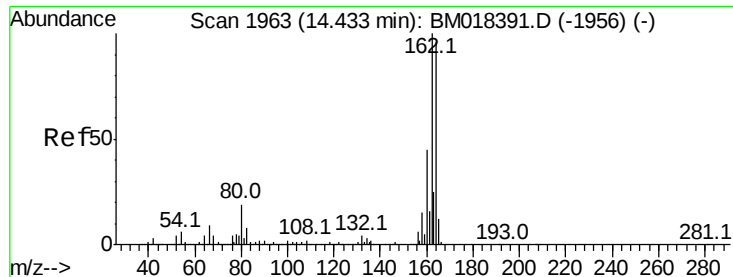


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

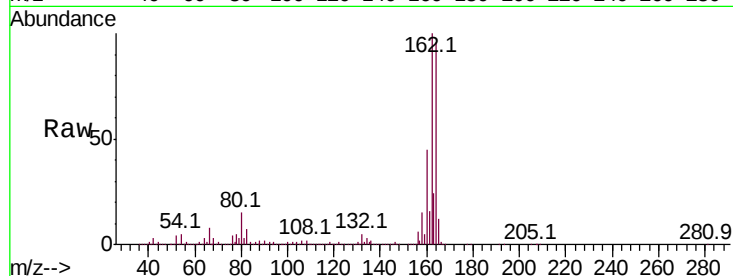
Tot Ion:164 Resp: 1385769

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.4

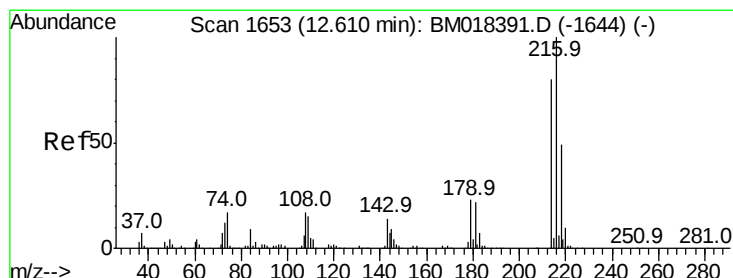
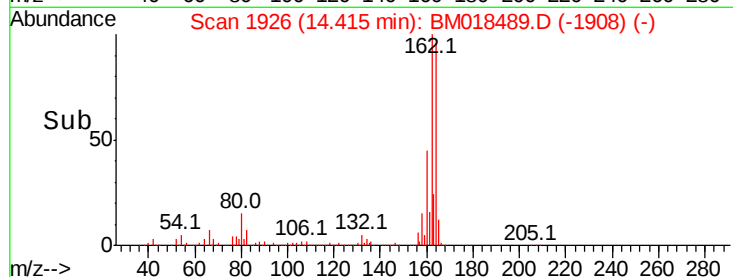
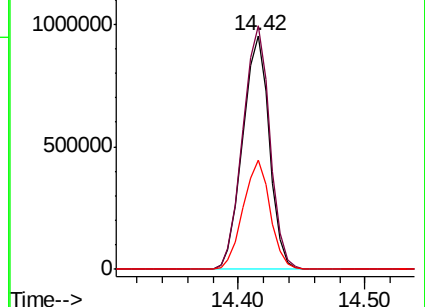
160 46.9 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.551 ng

RT: 12.59 min Scan# 1616

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Tgt Ion:216 Resp: 1528948

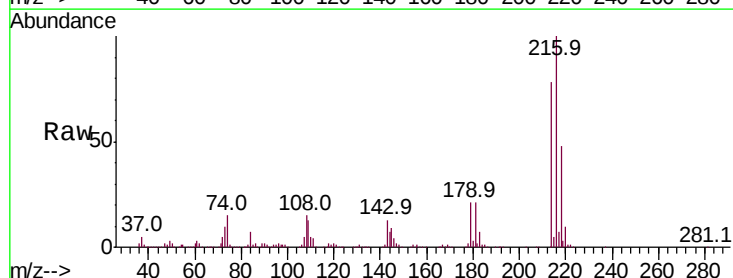
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

179 21.9 17.9 26.9

108 16.1 15.8 23.6

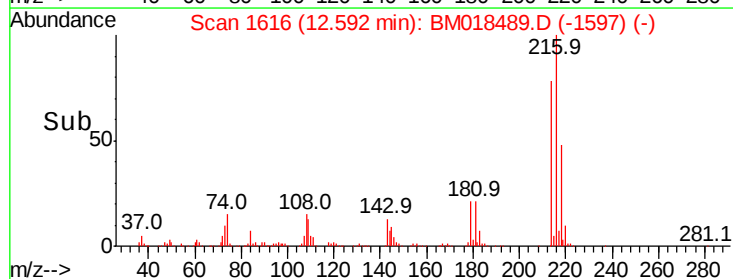
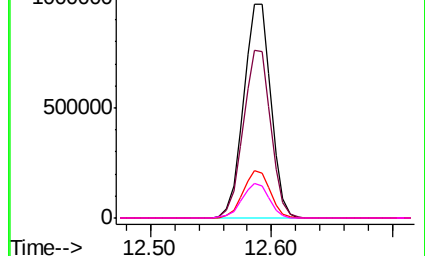


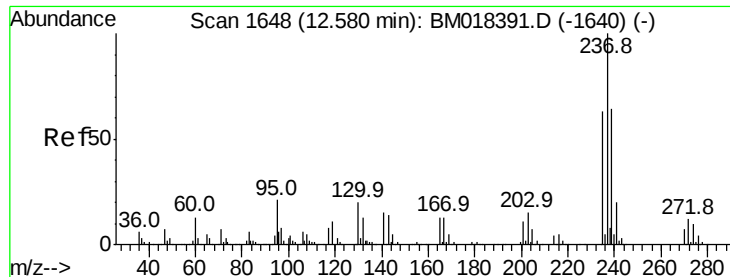
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 3.987 ng

RT: 12.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

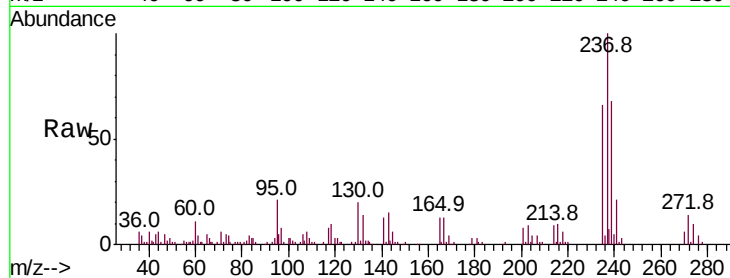
Tot Ion:237 Resp: 106046

Ion Ratio Lower Upper

237 100

235 66.1 42.8 82.8

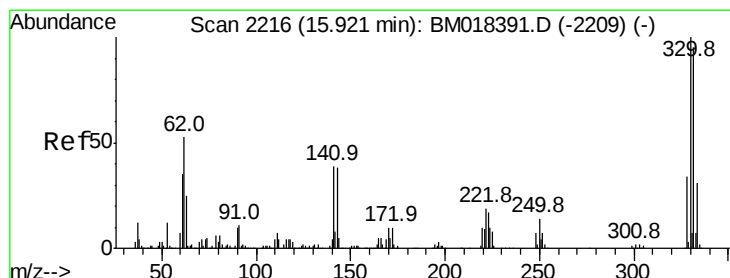
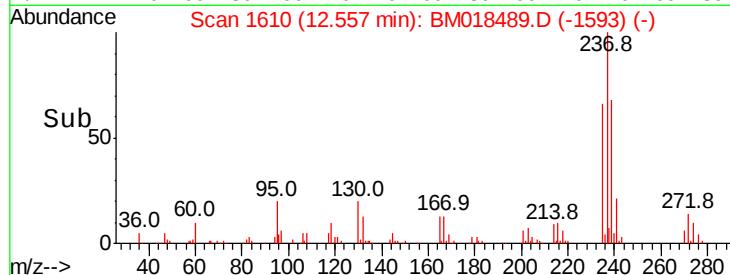
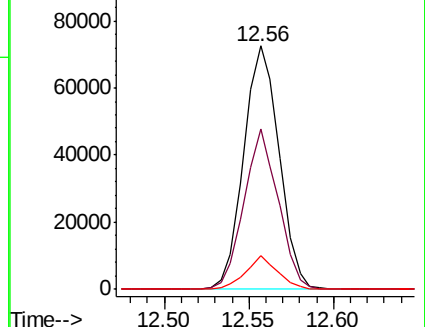
272 14.0 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 137.207 ng

RT: 15.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

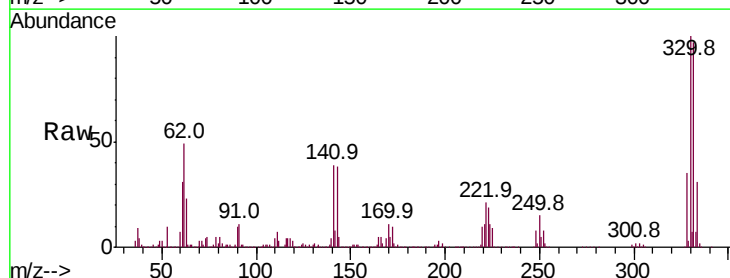
Tgt Ion:330 Resp: 2420972

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

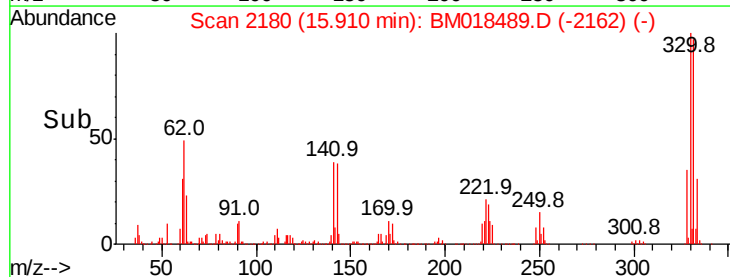
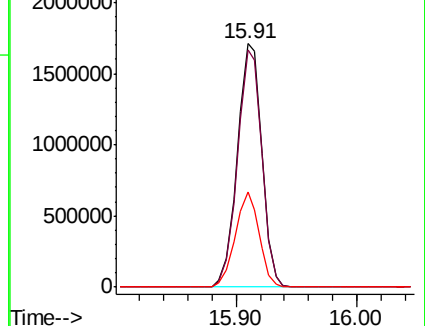
141 37.9 31.7 47.5

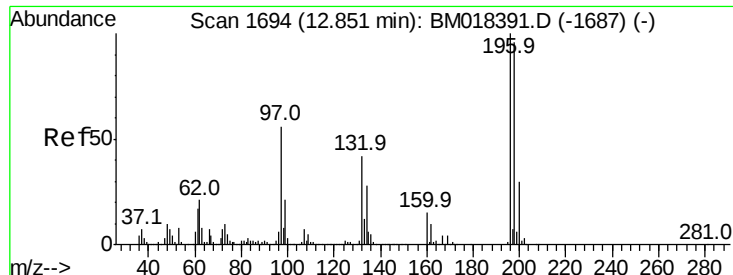


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 36.848 ng

RT: 12.84 min Scan# 1658

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

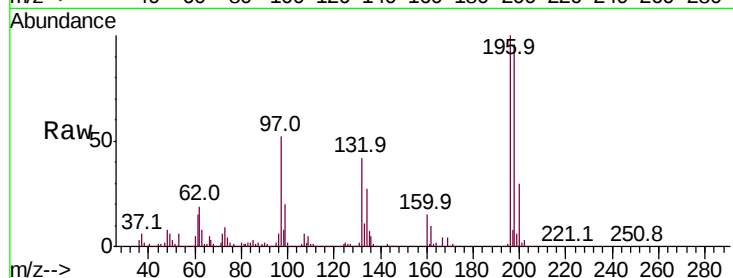
Tot Ion:196 Resp: 1084351

Ion Ratio Lower Upper

196 100

198 96.0 76.6 115.0

200 30.2 24.2 36.4

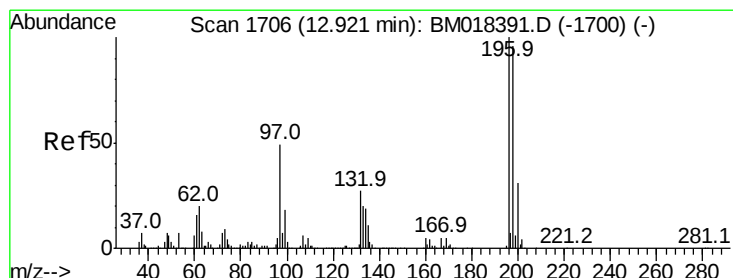
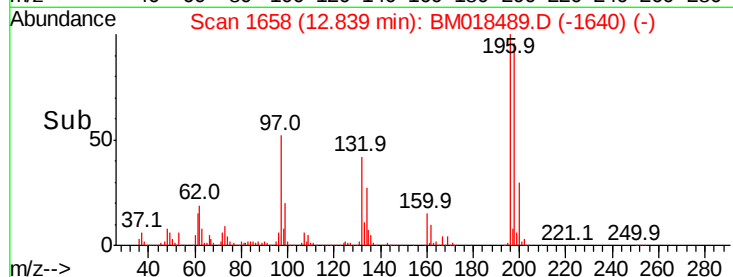
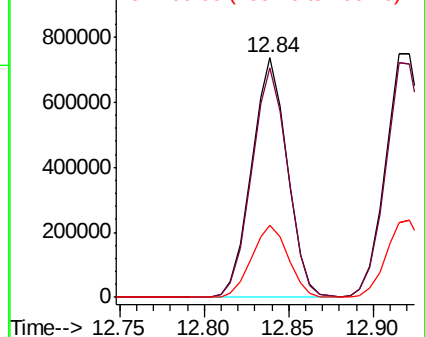


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 38.892 ng

RT: 12.92 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Tgt Ion:196 Resp: 1203689

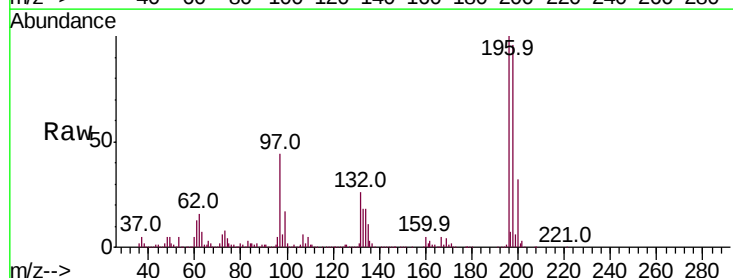
Ion Ratio Lower Upper

196 100

198 96.0 76.7 115.1

97 43.6 39.2 58.8

132 25.8 22.3 33.5



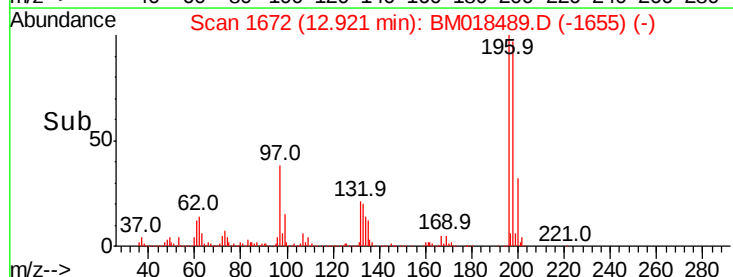
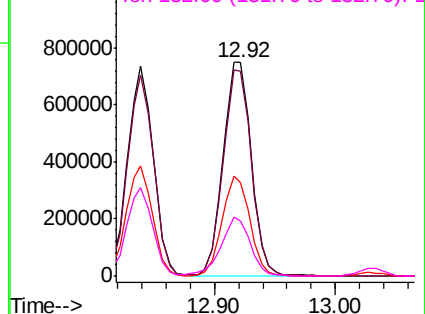
Abundance

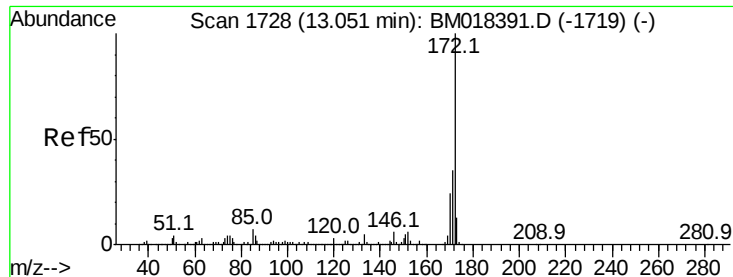
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

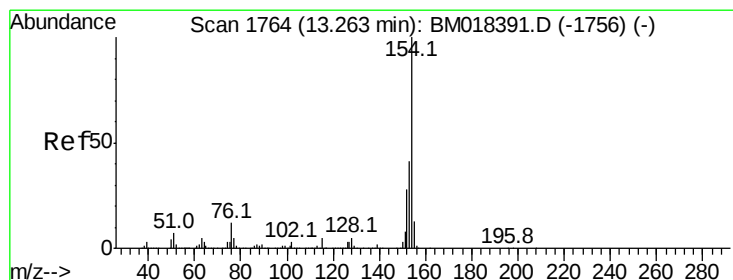
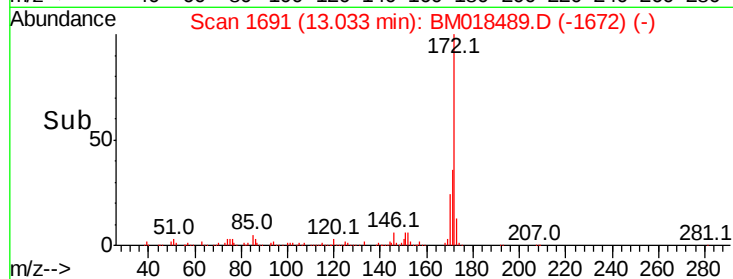
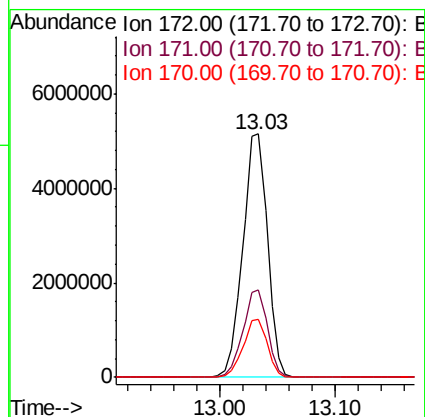
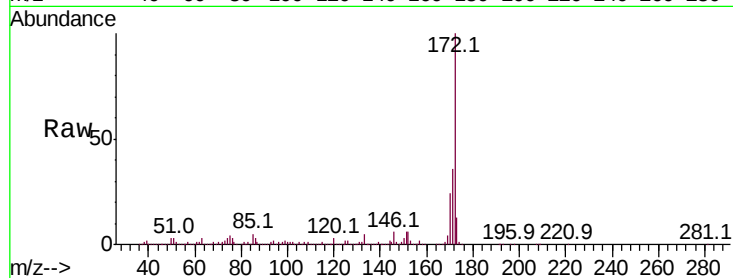




#45
2-Fluorobiphenyl
Concen: 71.867 ng
RT: 13.03 min Scan# 1691
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

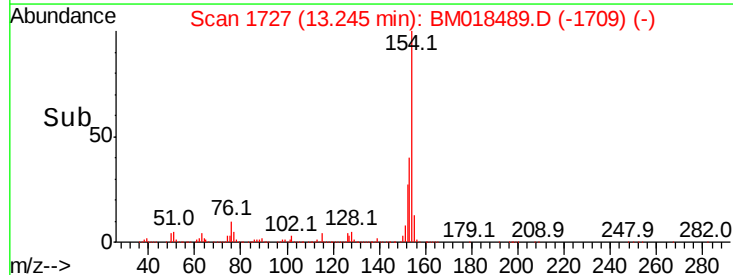
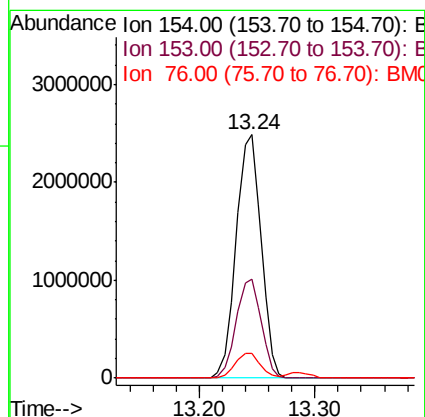
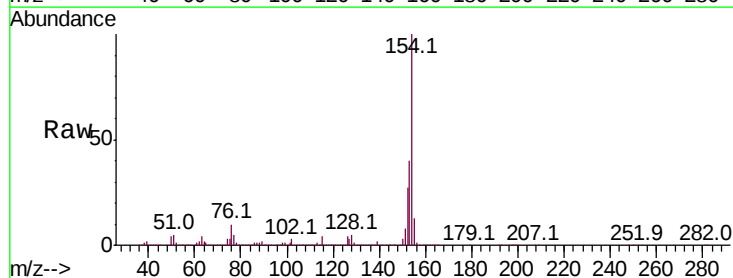
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

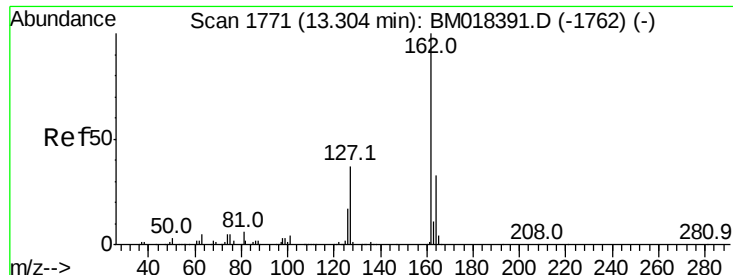
Tot Ion:172 Resp: 7632296
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 30.794 ng
RT: 13.24 min Scan# 1727
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:154 Resp: 3726069
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 10.0 0.0 31.9





#47

2-Chloronaphthalene

Concen: 31.698 ng

RT: 13.29 min Scan# 1734

Delta R.T. 0.01 min

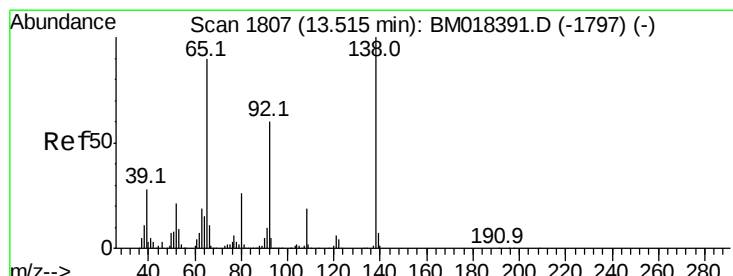
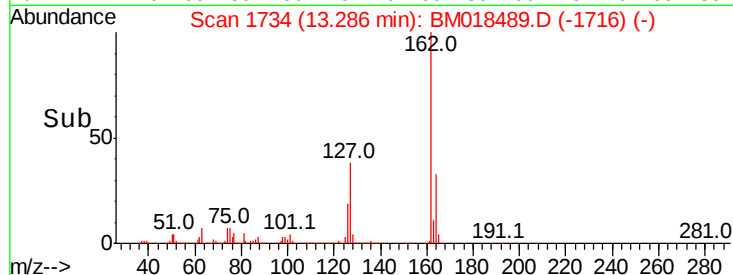
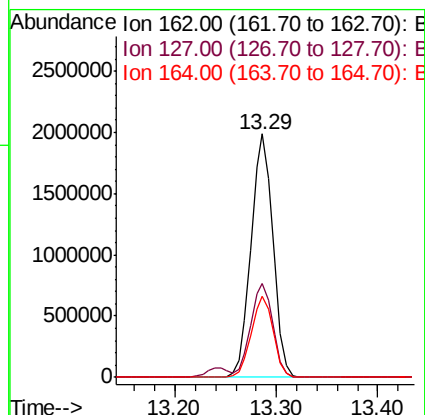
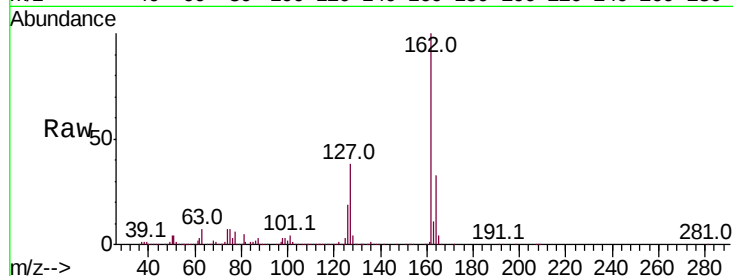
Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

Tot Ion:162 Resp: 2974159

Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.4	47.0
164	33.1	26.2	39.4



#48

2-Nitroaniline

Concen: 36.615 ng

RT: 13.50 min Scan# 1771

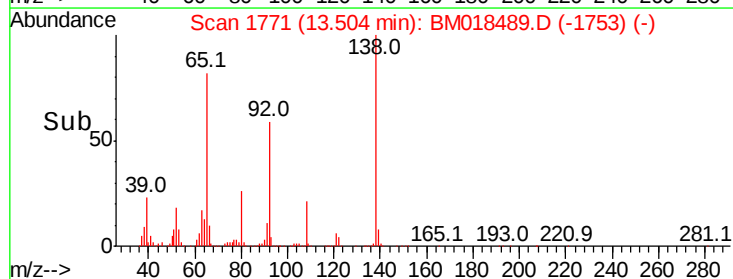
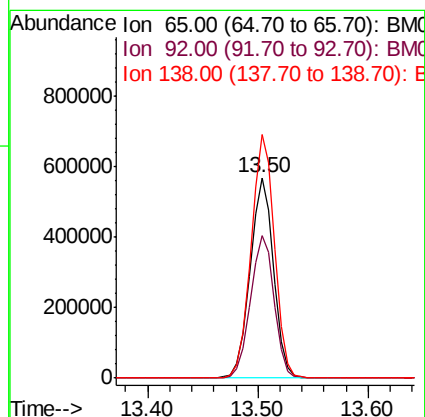
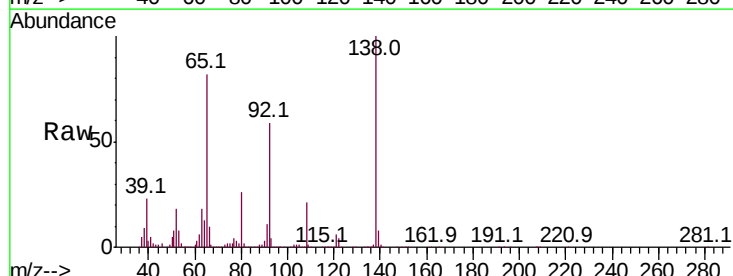
Delta R.T. 0.01 min

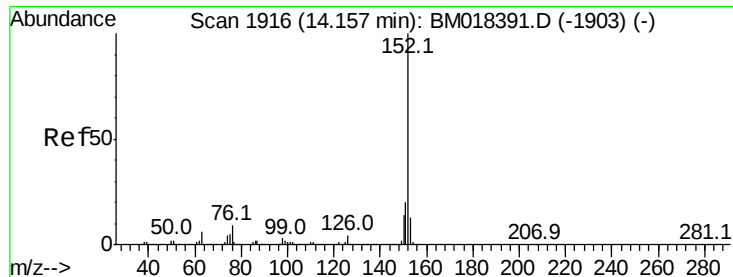
Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Tgt Ion: 65 Resp: 845227

Ion	Ratio	Lower	Upper
65	100		
92	71.3	53.4	80.2
138	121.5	88.9	133.3





#49

Acenaphthylene

Concen: 35.926 ng

RT: 14.14 min Scan# 1879

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

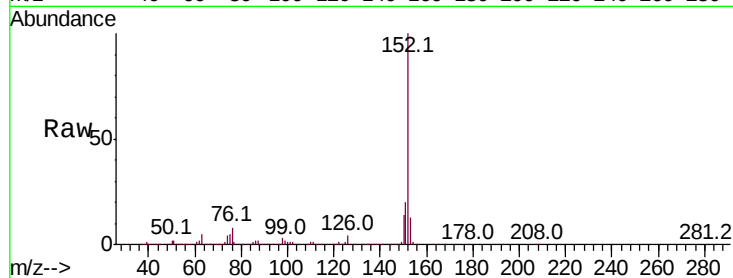
Tot Ion:152 Resp: 4912465

Ion Ratio Lower Upper

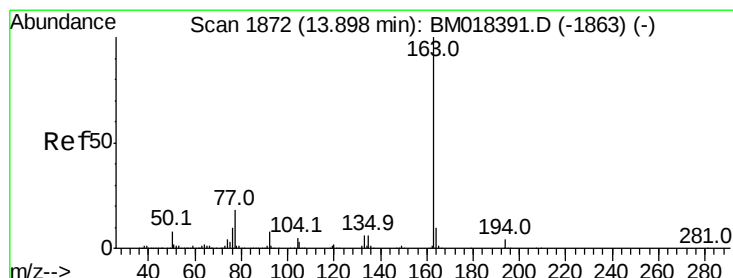
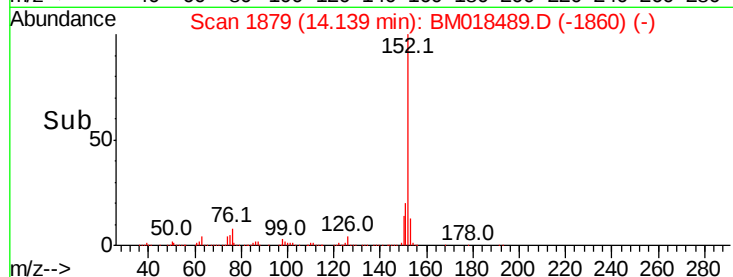
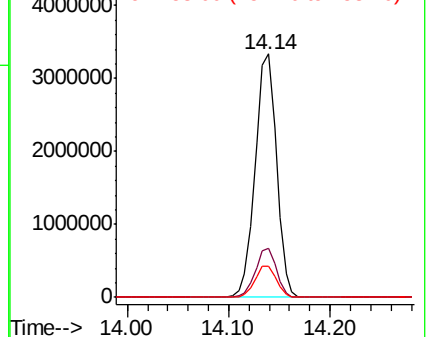
152 100

151 20.2 15.7 23.5

153 12.7 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.820 ng

RT: 13.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

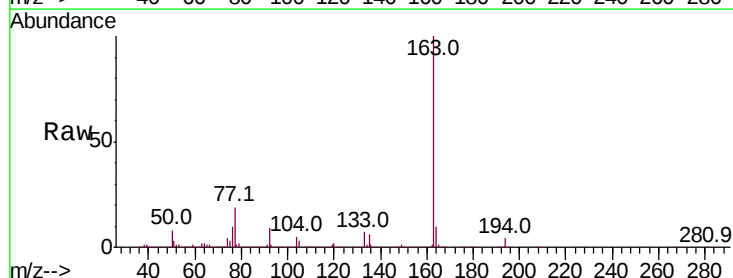
Tgt Ion:163 Resp: 4304235

Ion Ratio Lower Upper

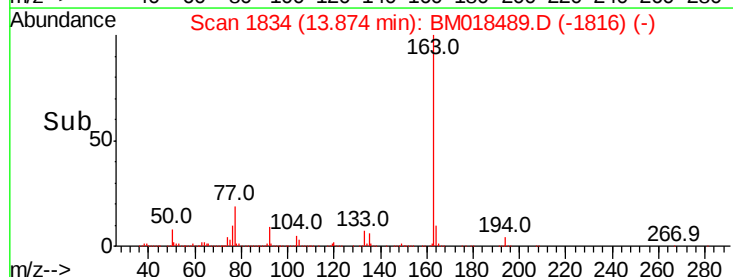
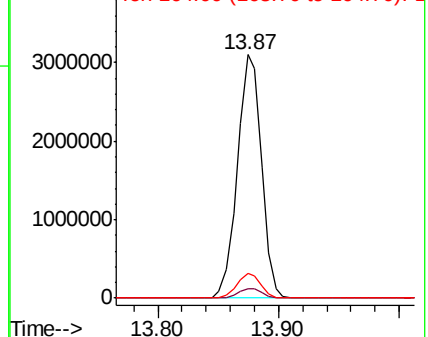
163 100

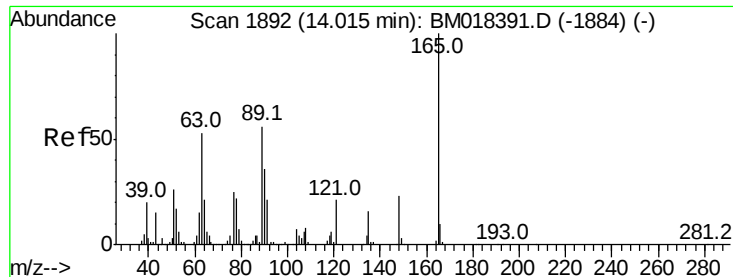
194 4.0 3.0 4.6

164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

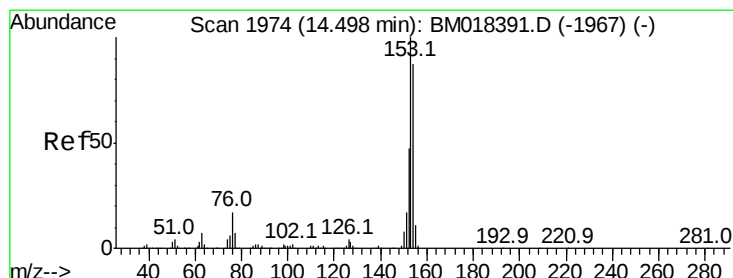
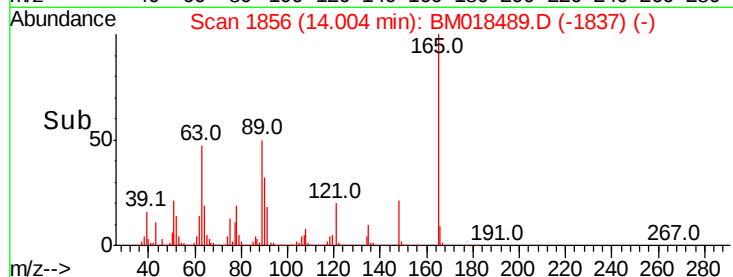
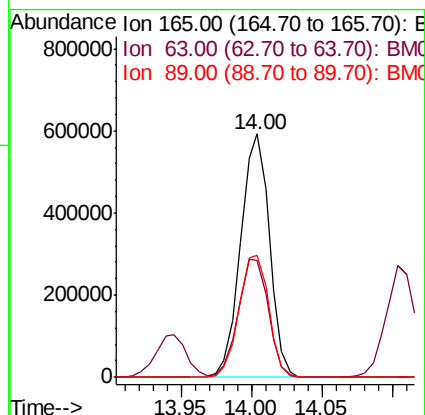
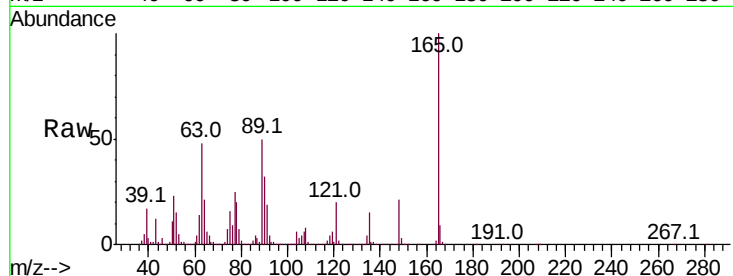




#51
2,6-Dinitrotoluene
Concen: 34.992 ng
RT: 14.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

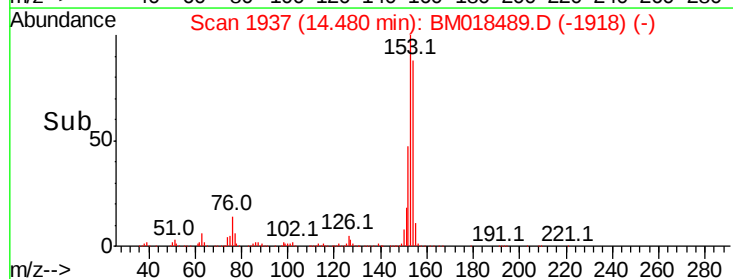
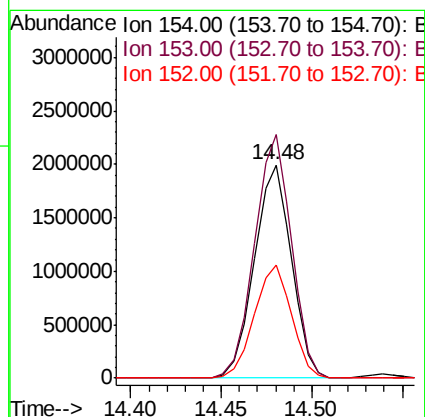
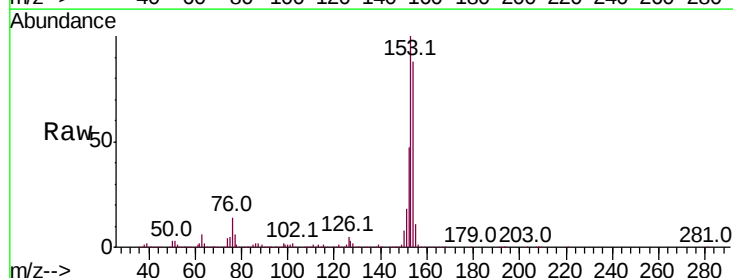
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

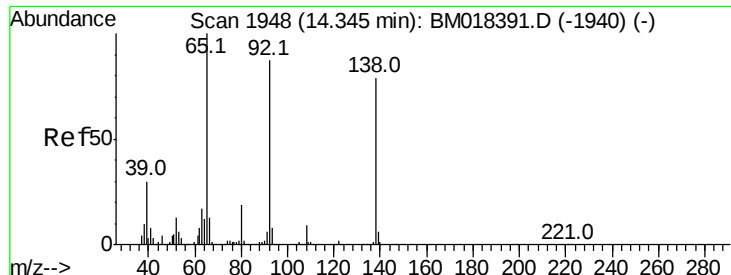
Tot Ion:165 Resp: 843569
Ion Ratio Lower Upper
165 100
63 48.1 45.6 68.4
89 50.1 44.6 66.8



#52
Acenaphthene
Concen: 33.820 ng
RT: 14.48 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:154 Resp: 2829539
Ion Ratio Lower Upper
154 100
153 114.1 92.3 138.5
152 53.2 43.8 65.6





#53

3-Nitroaniline

Concen: 28.360 ng

RT: 14.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

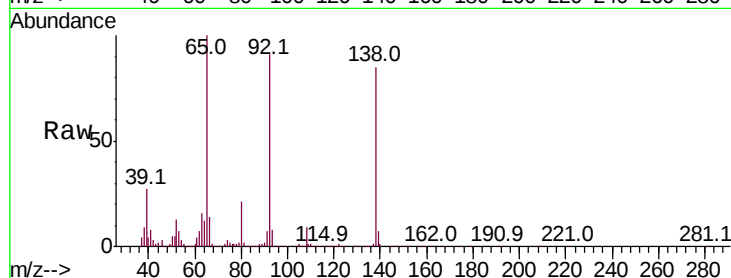
Tot Ion:138 Resp: 689256

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

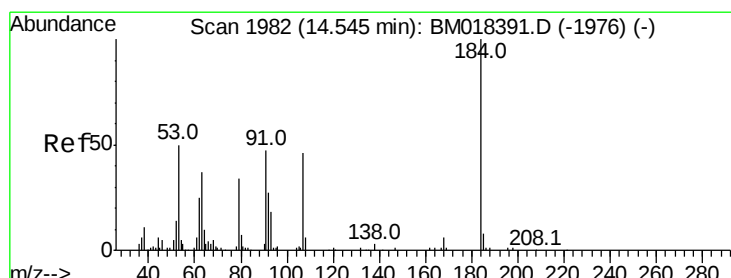
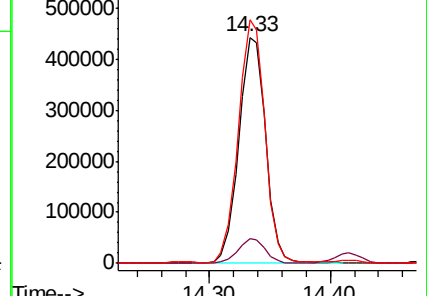
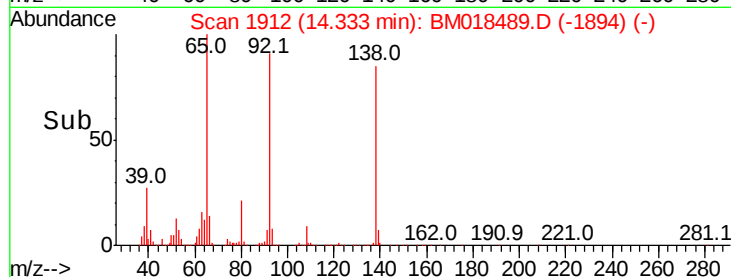
92 107.7 88.2 132.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 12.464 ng

RT: 14.54 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

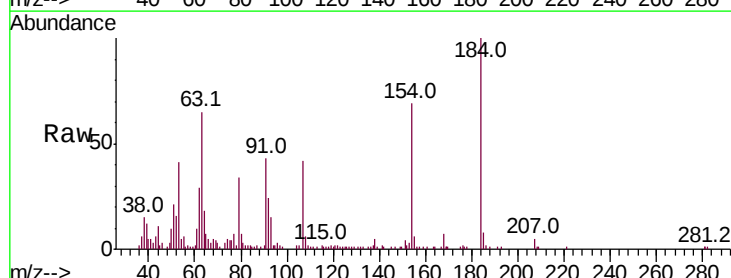
Tgt Ion:184 Resp: 75472

Ion Ratio Lower Upper

184 100

63 64.7 55.9 83.9

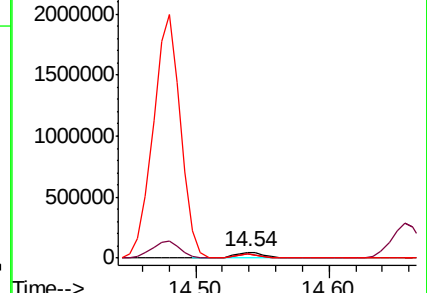
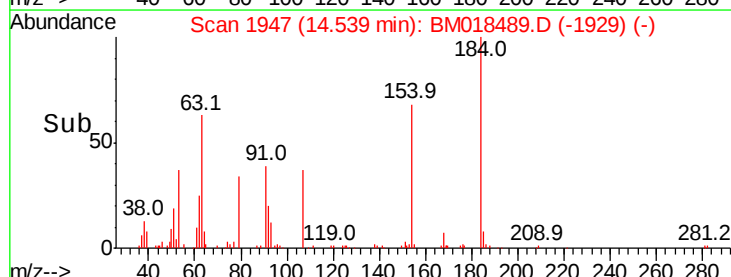
154 69.4 54.2 81.4

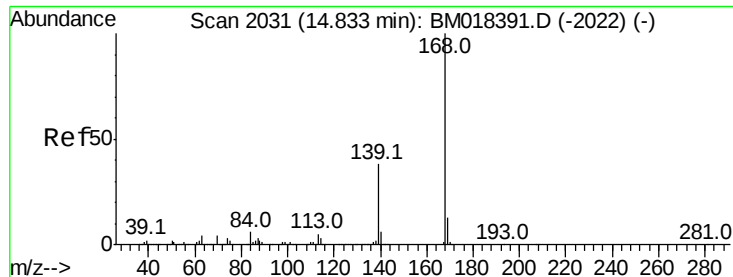


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

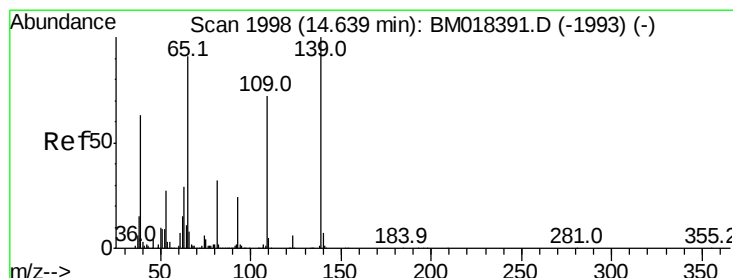
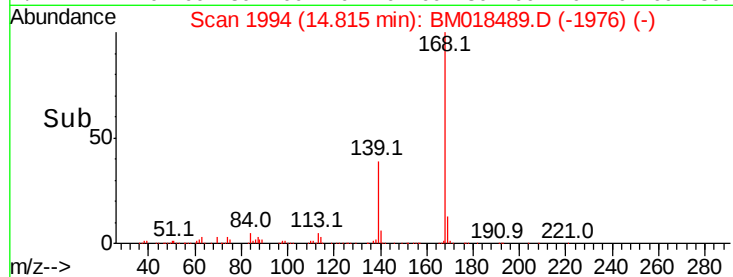
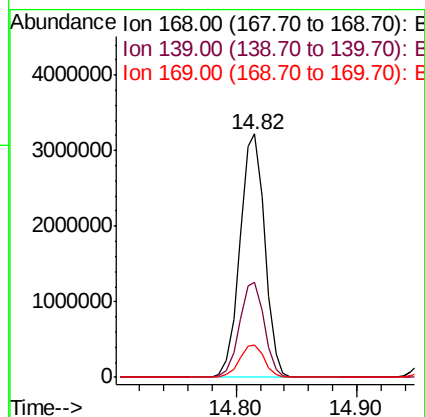
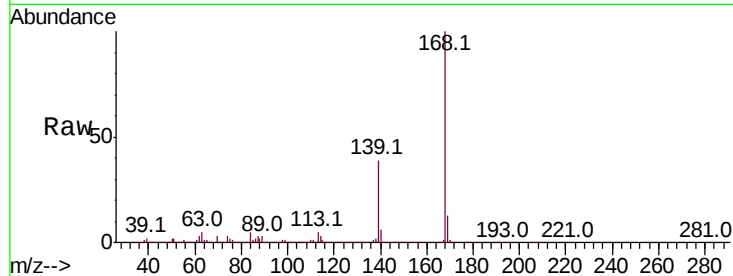




#55
Dibenzofuran
Concen: 33.295 ng
RT: 14.82 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

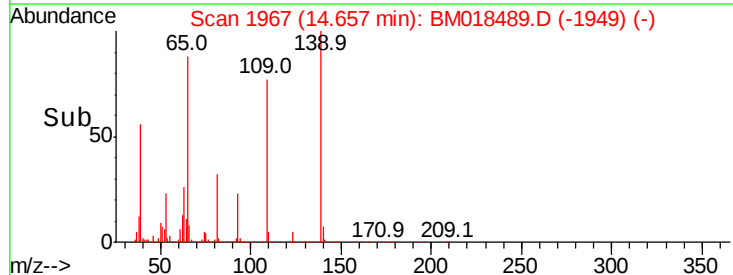
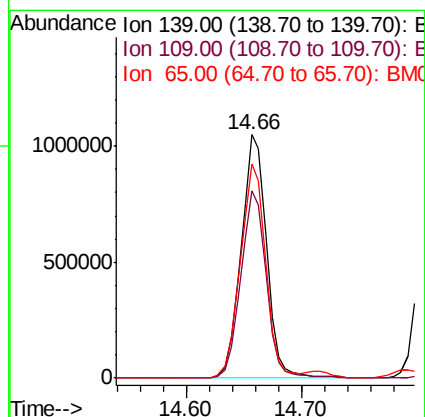
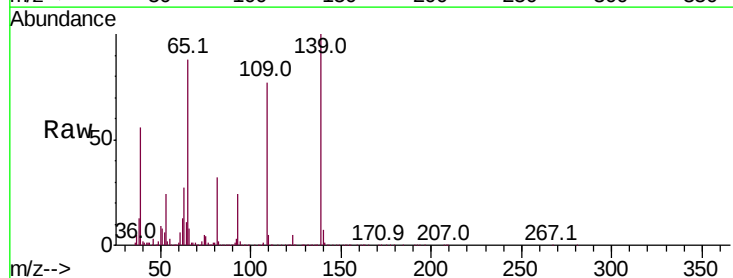
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

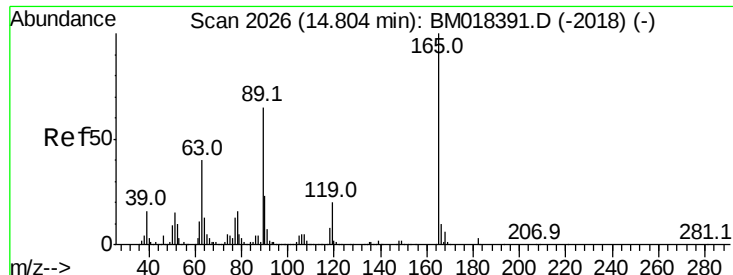
Tot Ion:168 Resp: 4602713
Ion Ratio Lower Upper
168 100
139 39.1 30.3 45.5
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 75.995 ng
RT: 14.66 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:139 Resp: 1595629
Ion Ratio Lower Upper
139 100
109 76.7 51.7 91.7
65 87.8 71.4 111.4

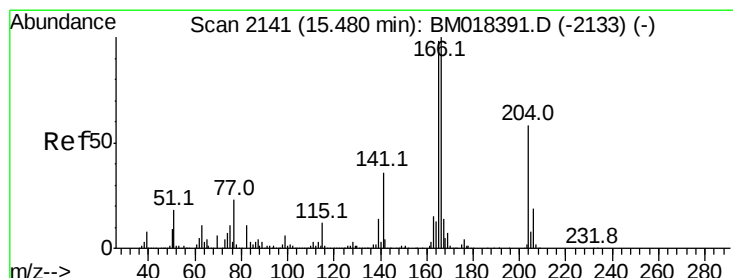
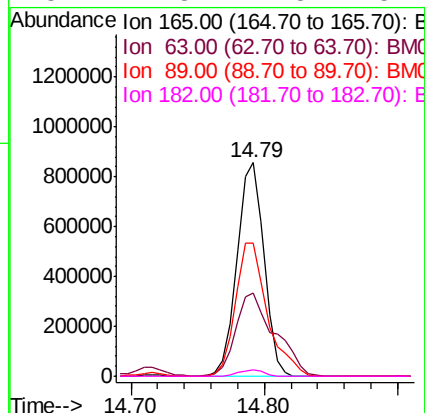
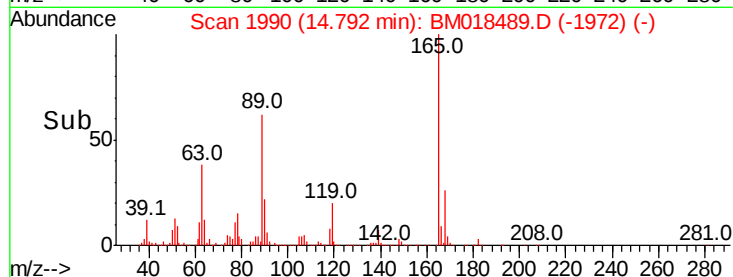
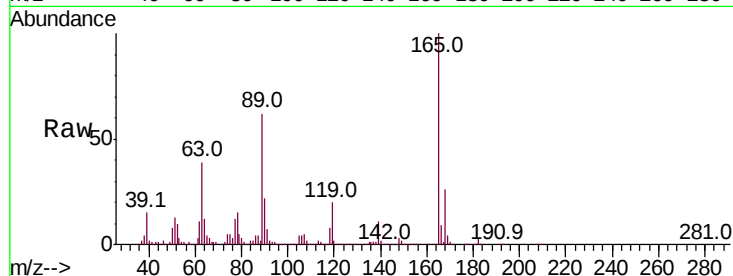




#57
2,4-Dinitrotoluene
Concen: 35.056 ng
RT: 14.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

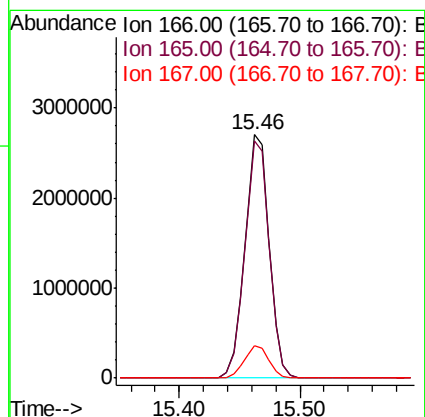
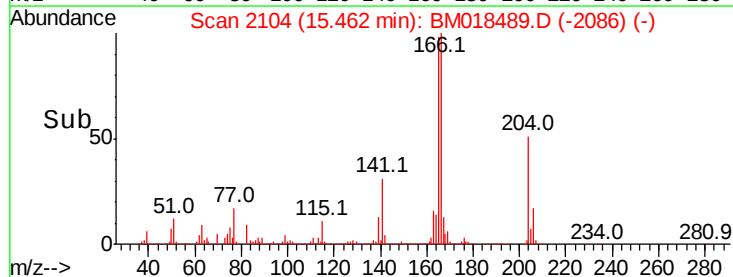
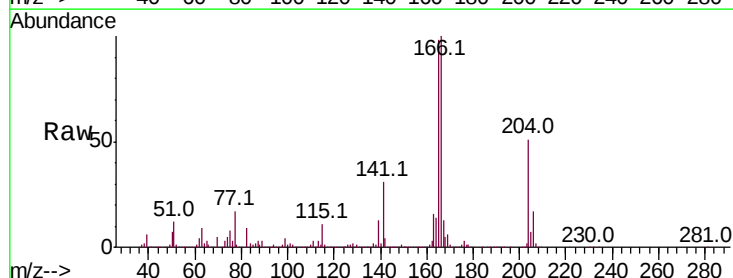
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

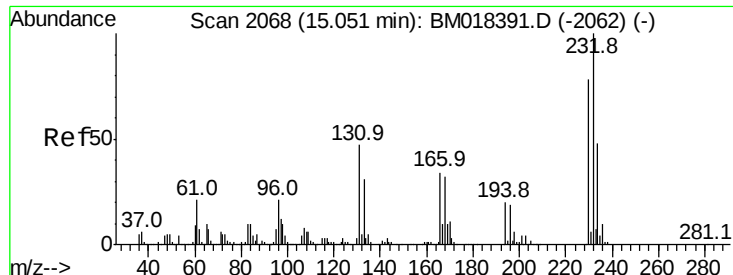
Tot Ion:165 Resp: 1195731
Ion Ratio Lower Upper
165 100
63 38.9 32.2 48.2
89 62.1 52.1 78.1
182 2.8 2.5 3.7



#58
Fluorene
Concen: 36.733 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:166 Resp: 3782724
Ion Ratio Lower Upper
166 100
165 97.6 78.3 117.5
167 13.5 10.9 16.3

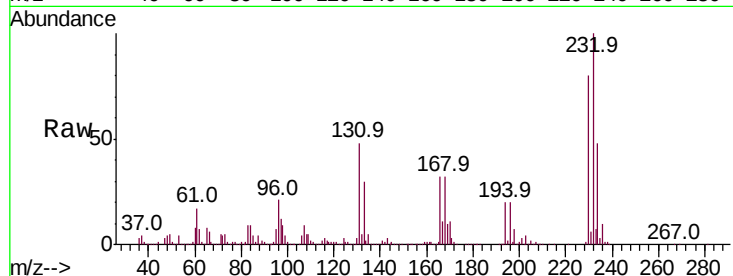




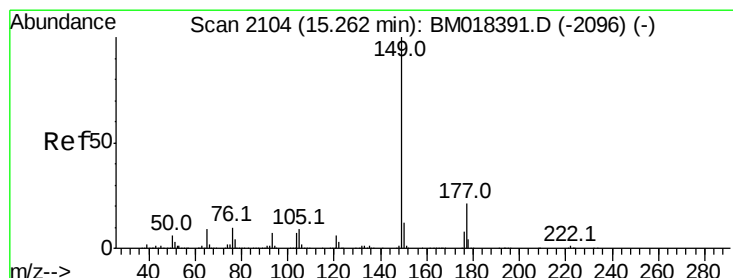
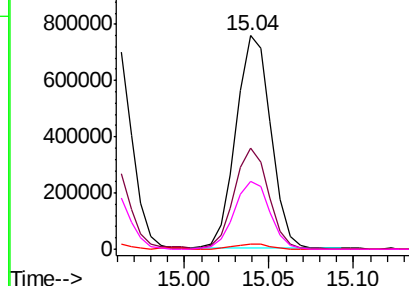
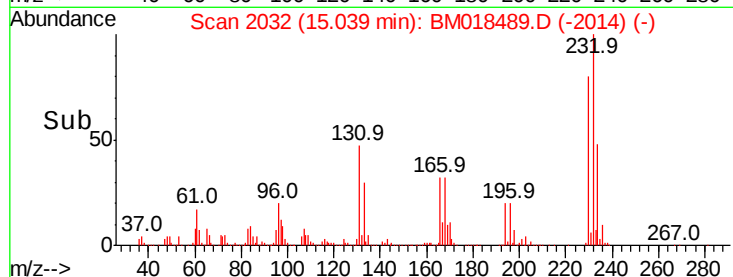
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.731 ng
RT: 15.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

Tot Ion:232 Resp: 1089931
Ion Ratio Lower Upper
232 100
131 46.3 38.6 57.8
130 2.6 2.2 3.4
166 32.4 27.2 40.8

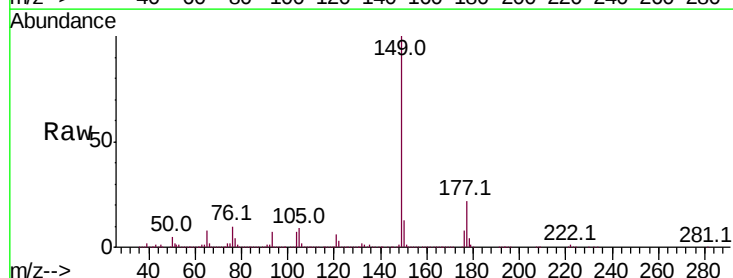


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

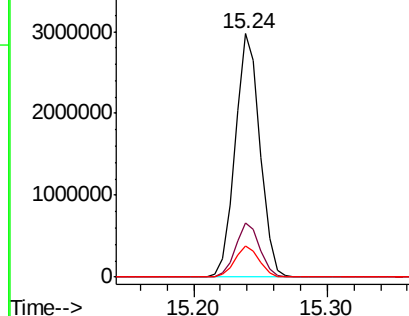
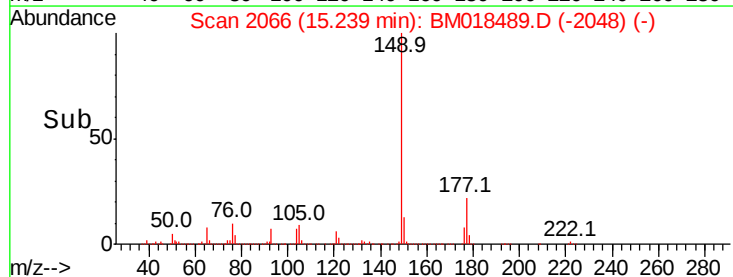


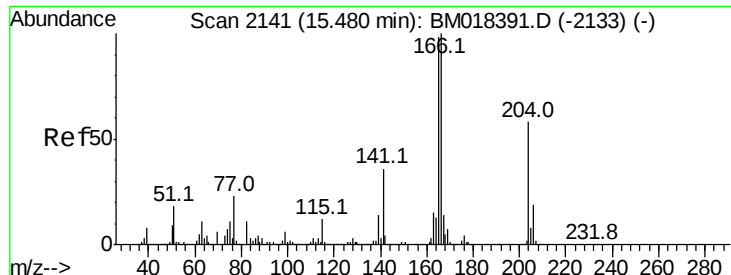
#60
Diethylphthalate
Concen: 33.370 ng
RT: 15.24 min Scan# 2066
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:149 Resp: 3834005
Ion Ratio Lower Upper
149 100
177 22.1 17.1 25.7
150 12.8 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

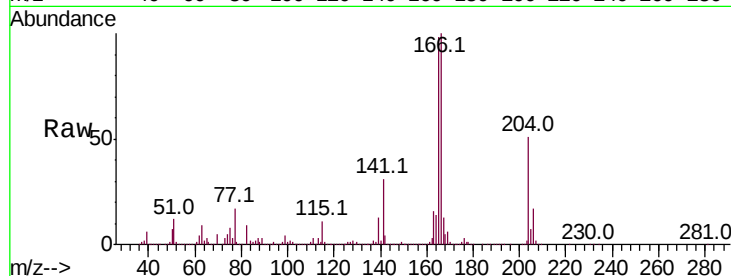




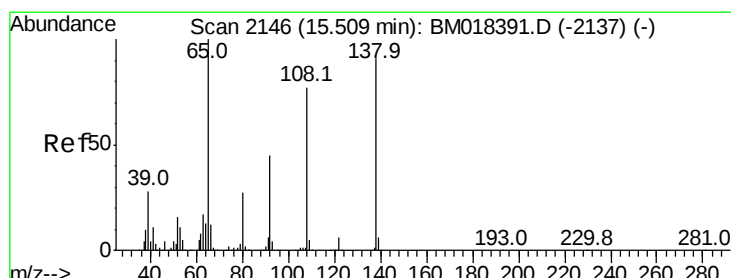
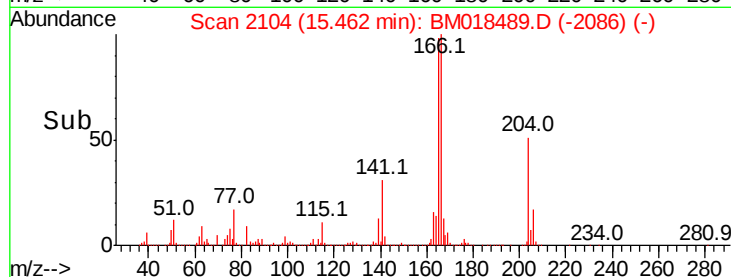
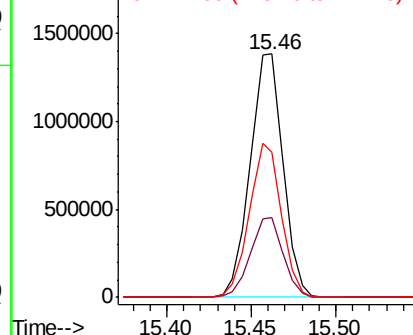
#61
4-Chlorophenyl-phenylether
Concen: 31.786 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

Tot Ion:204 Resp: 1886567
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 59.7 49.5 74.3

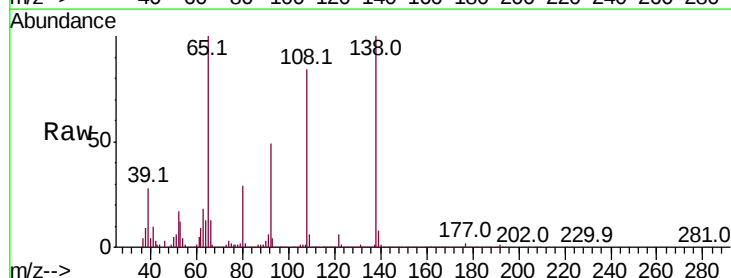


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

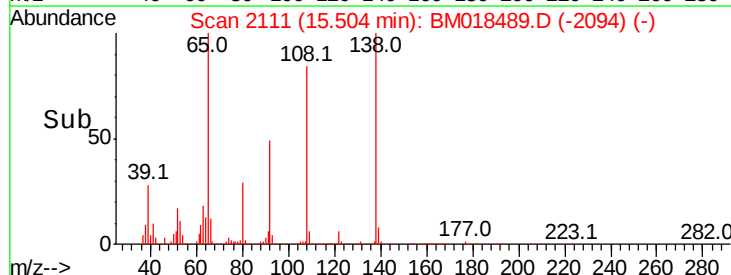
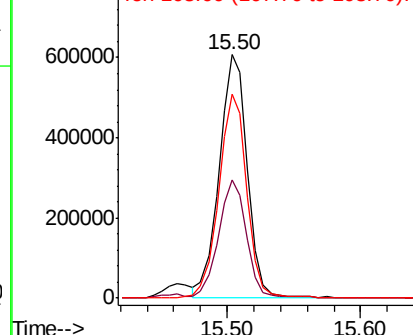


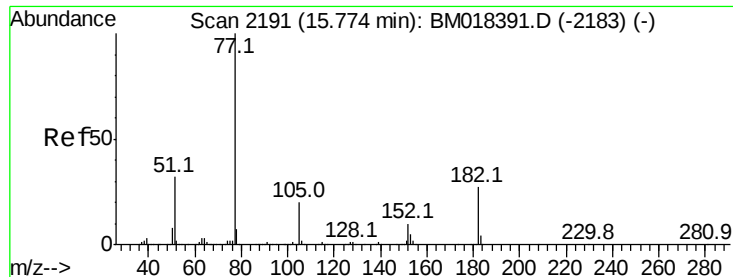
#62
4-Nitroaniline
Concen: 33.665 ng
RT: 15.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:138 Resp: 892449
Ion Ratio Lower Upper
138 100
92 48.6 29.0 69.0
108 84.0 63.9 103.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

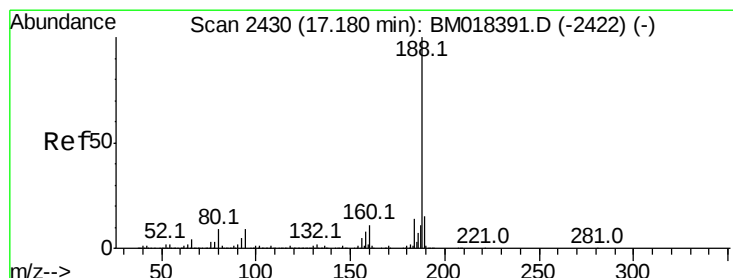
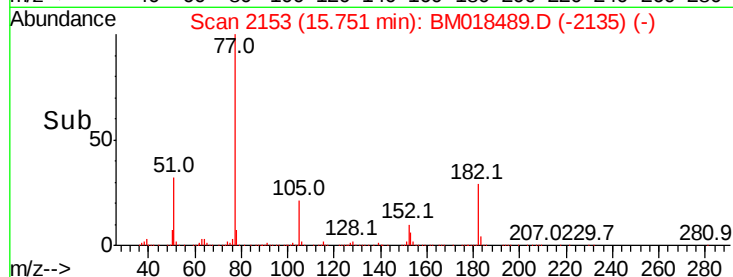
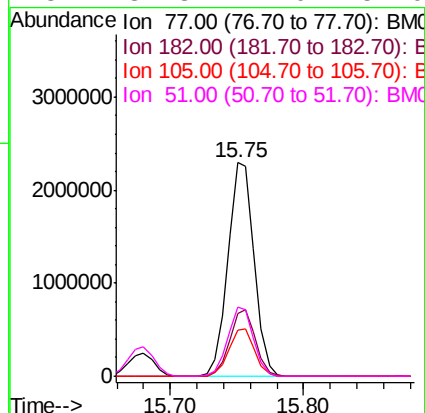
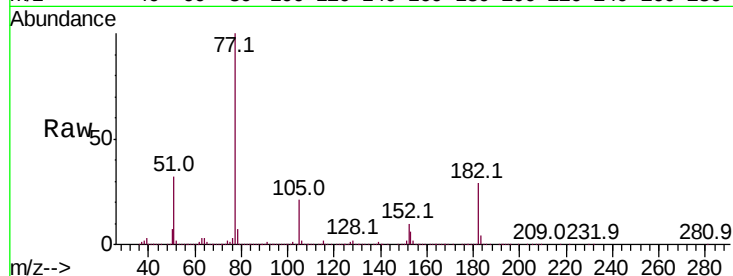




#63
Azobenzene
Concen: 33.712 ng
RT: 15.75 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

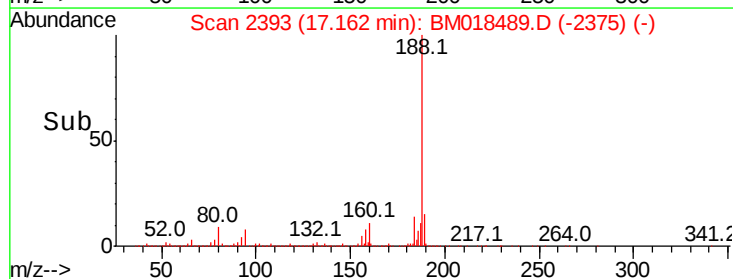
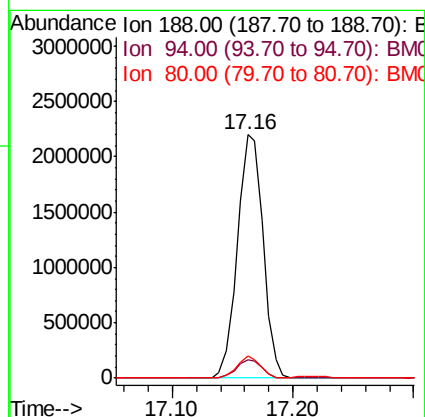
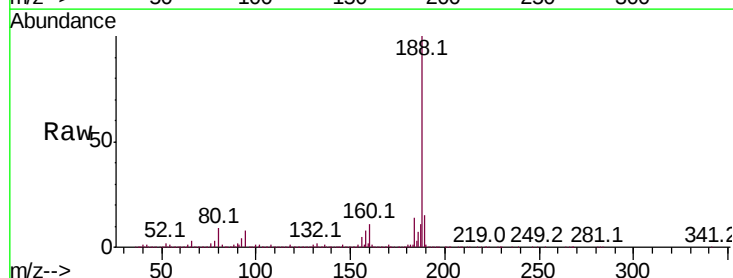
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

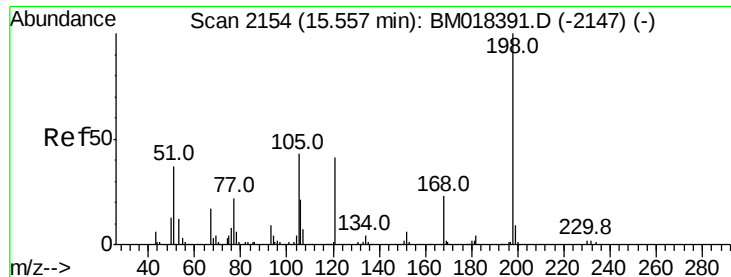
Tot Ion: 77 Resp: 3157913
Ion Ratio Lower Upper
77 100
182 29.4 7.4 47.4
105 21.4 0.0 39.6
51 32.3 12.0 52.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion: 188 Resp: 3258247
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.9 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 13.854 ng

RT: 15.55 min Scan# 2119

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

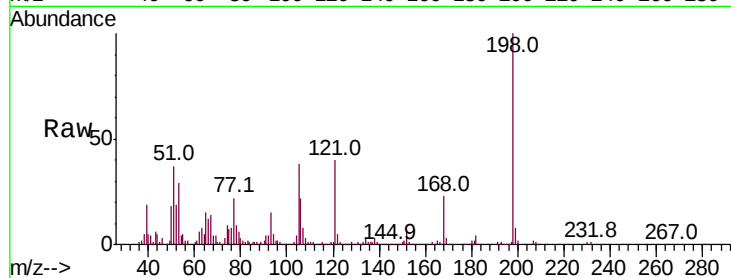
Tot Ion:198 Resp: 197946

Ion Ratio Lower Upper

198 100

51 37.3 29.6 69.6

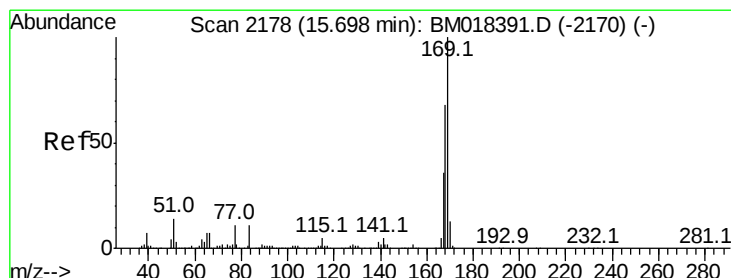
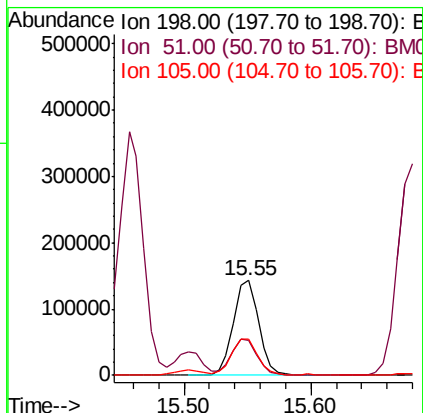
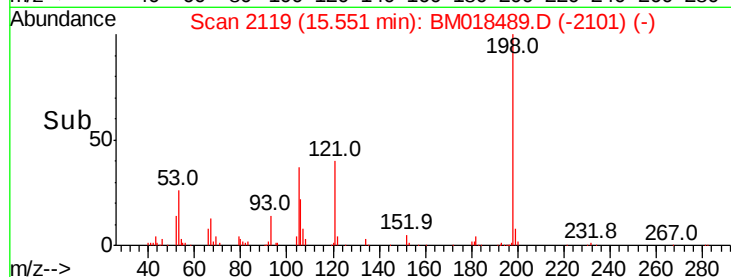
105 37.6 25.5 65.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.232 ng

RT: 15.68 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

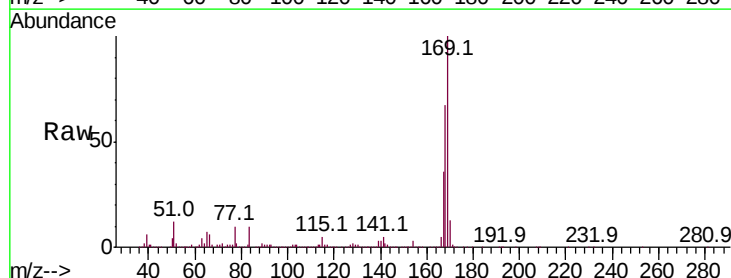
Tgt Ion:169 Resp: 3358712

Ion Ratio Lower Upper

169 100

168 67.1 54.1 81.1

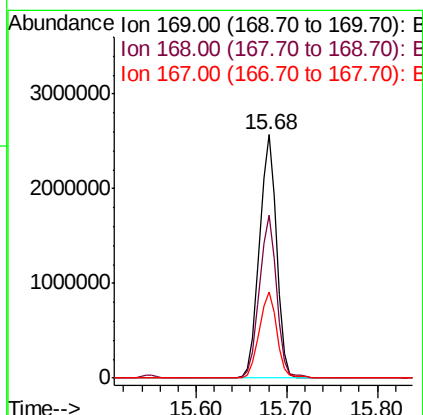
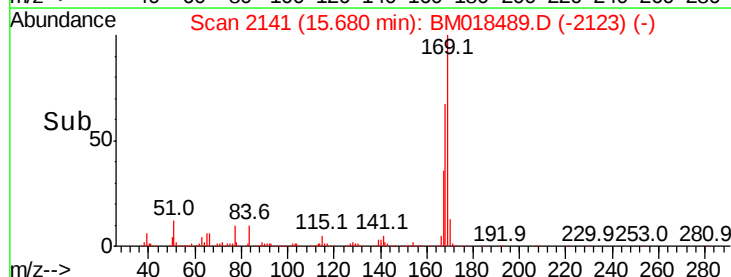
167 35.6 28.6 42.8

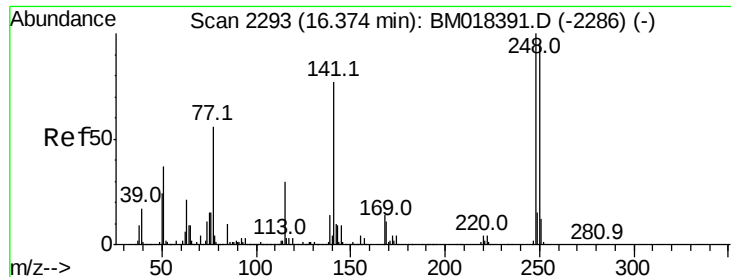


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

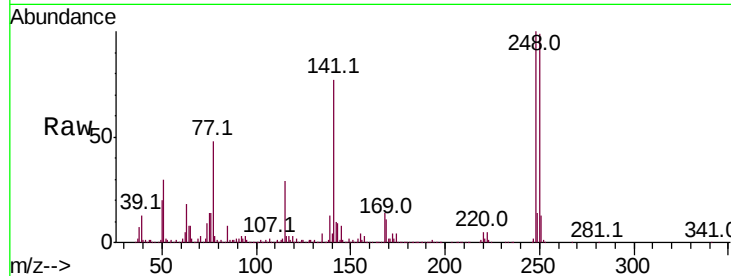




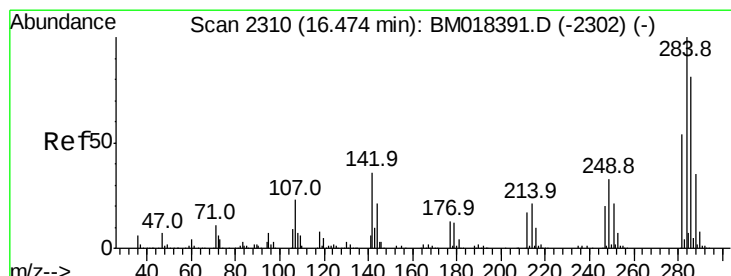
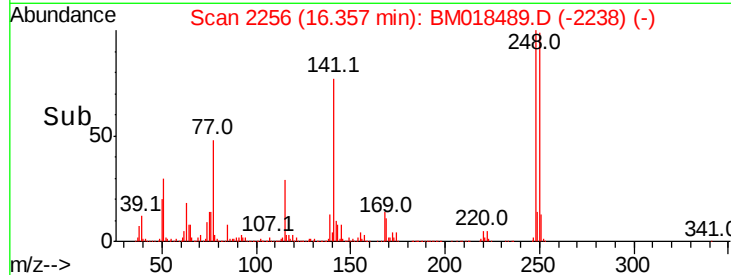
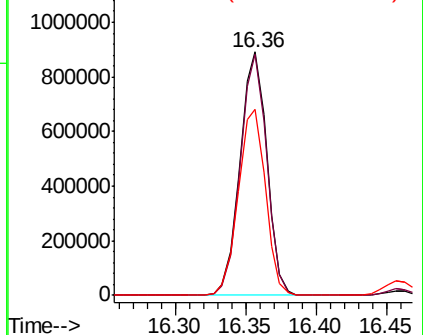
#67
4-Bromophenyl-phenylether
Concen: 32.474 ng
RT: 16.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

Tot Ion:248 Resp: 1184054
Ion Ratio Lower Upper
248 100
250 98.9 76.0 114.0
141 76.5 61.5 92.3

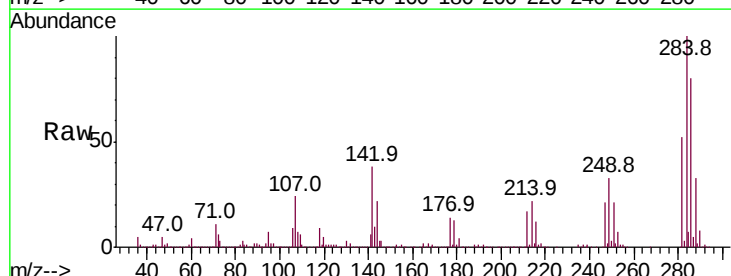


Abundance Ion 248.00 (247.70 to 248.70): E
1200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

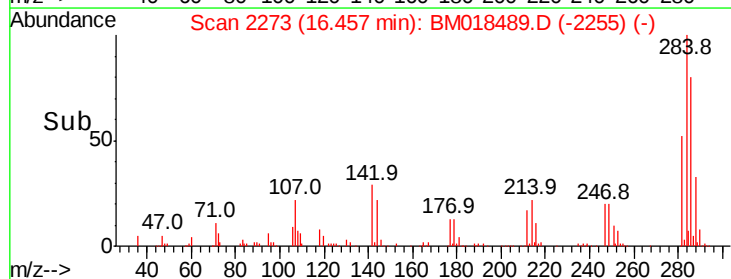
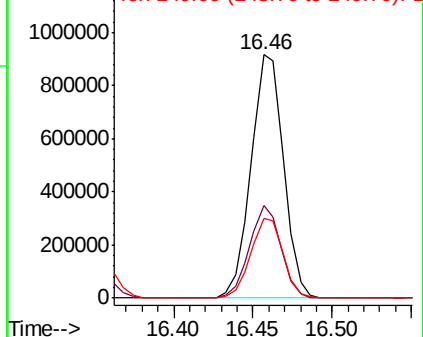


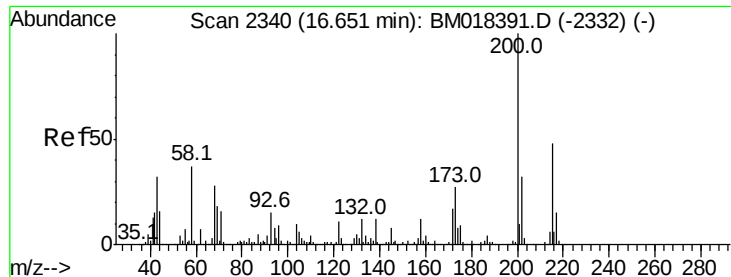
#68
Hexachlorobenzene
Concen: 32.000 ng
RT: 16.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:284 Resp: 1306203
Ion Ratio Lower Upper
284 100
142 38.0 29.2 43.8
249 33.0 26.1 39.1



Abundance Ion 283.80 (283.50 to 284.50): E
1200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 34.063 ng

RT: 16.63 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

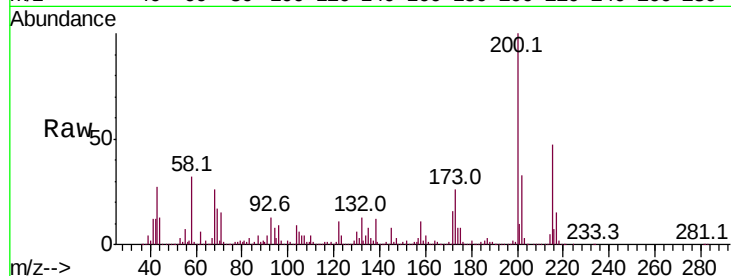
Tot Ion:200 Resp: 1244619

Ion Ratio Lower Upper

200 100

173 26.1 7.2 47.2

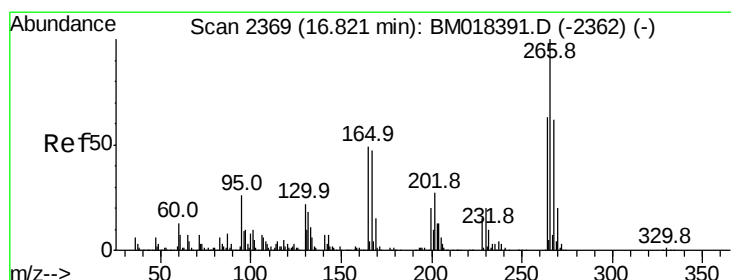
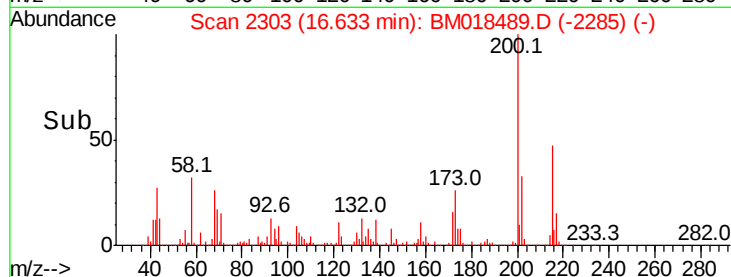
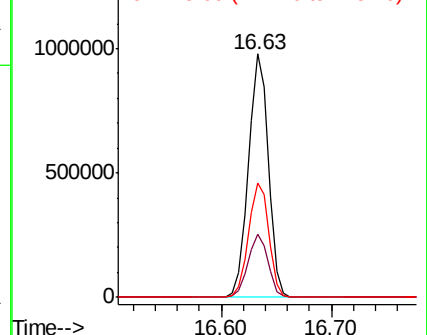
215 46.8 28.3 68.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 57.493 ng

RT: 16.82 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

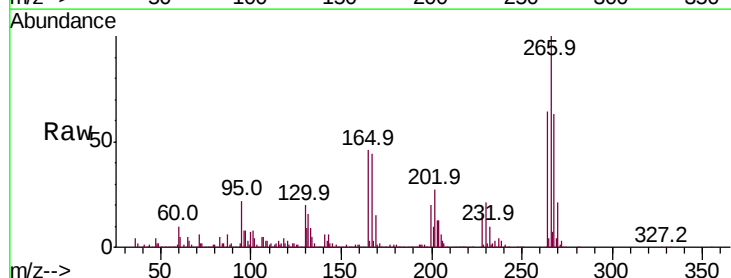
Tgt Ion:266 Resp: 1536955

Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.6

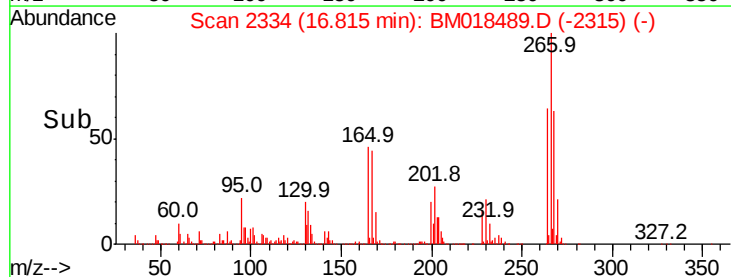
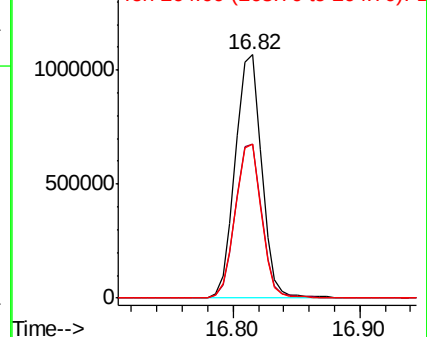
264 63.5 50.1 75.1

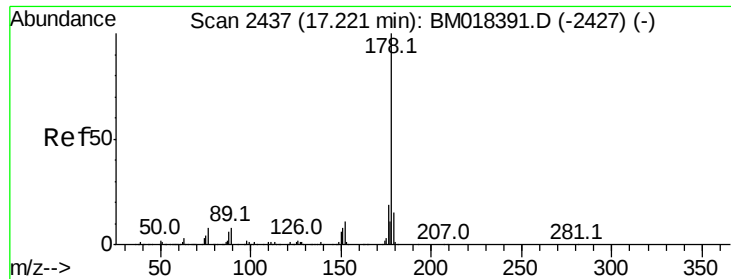


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

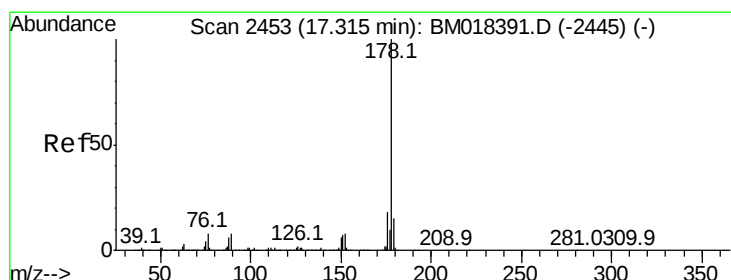
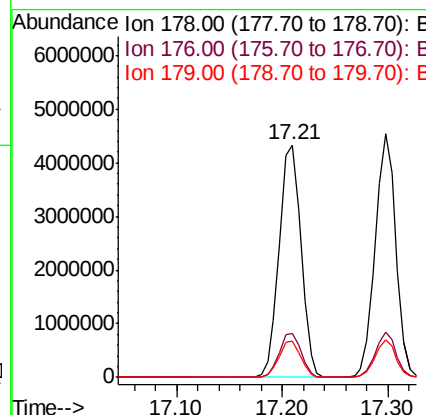
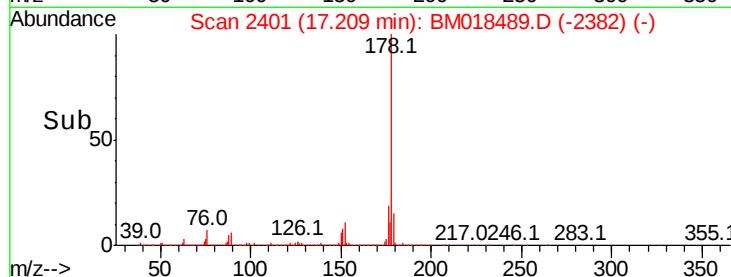
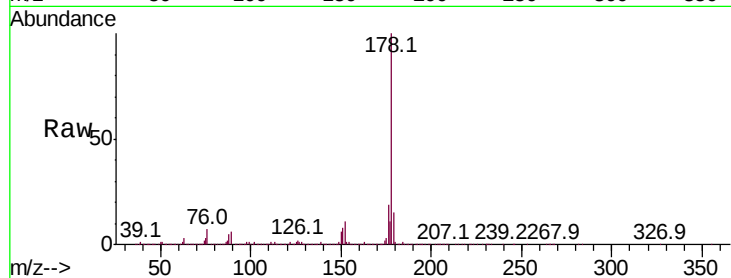




#71
Phenanthrene
Concen: 35.459 ng
RT: 17.21 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

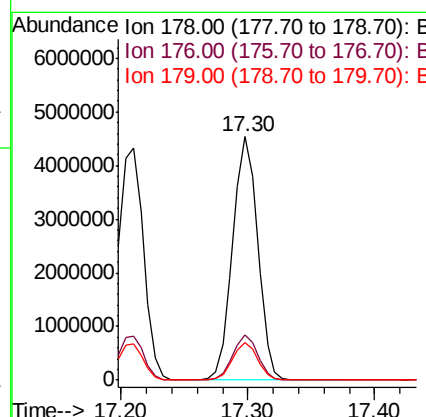
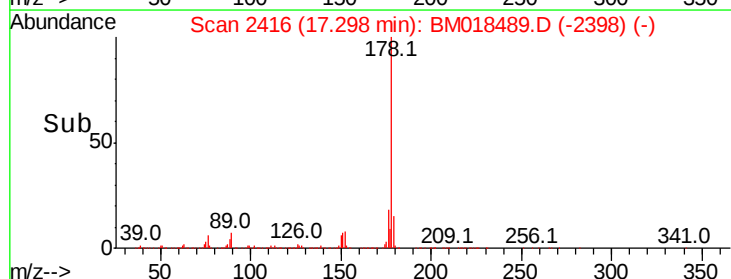
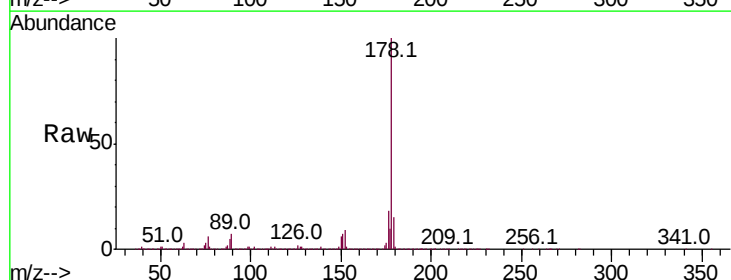
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

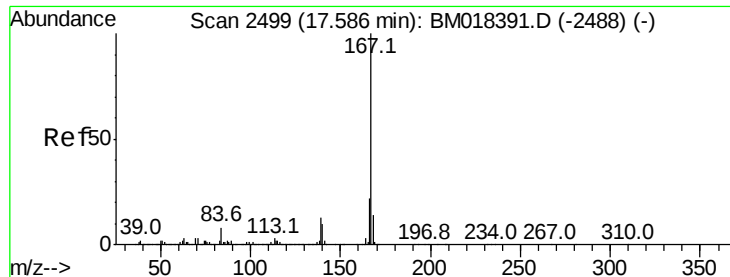
Tot Ion:178 Resp: 6145256
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.2 18.4



#72
Anthracene
Concen: 37.148 ng
RT: 17.30 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:178 Resp: 6190808
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 12.2 18.4





#73

Carbazole

Concen: 32.828 ng

RT: 17.57 min Scan# 2463

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

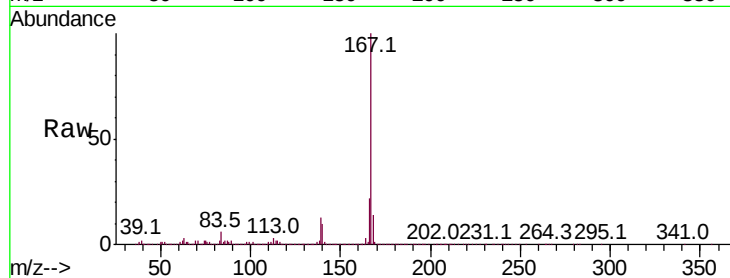
Tot Ion:167 Resp: 5620711

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

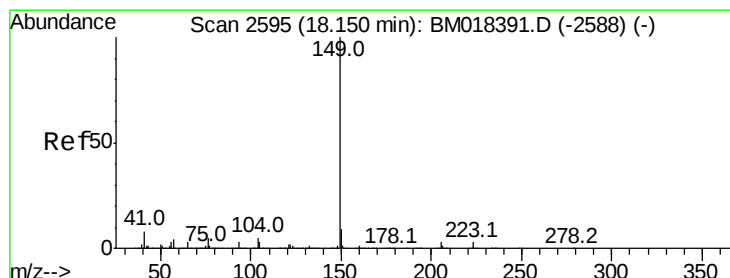
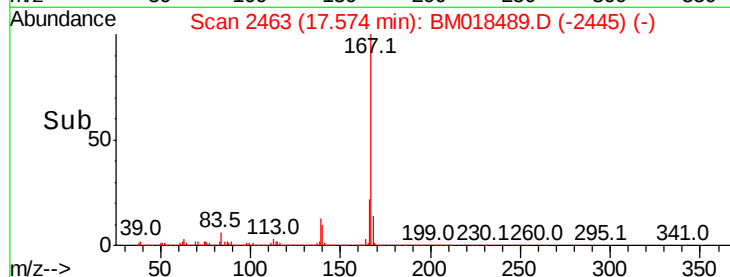
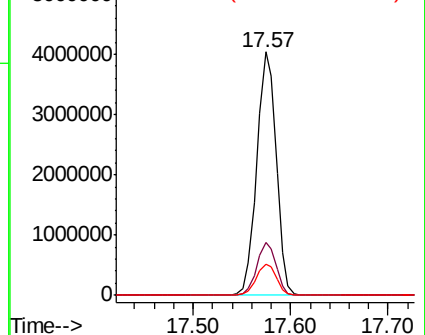
139 13.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.726 ng

RT: 18.13 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

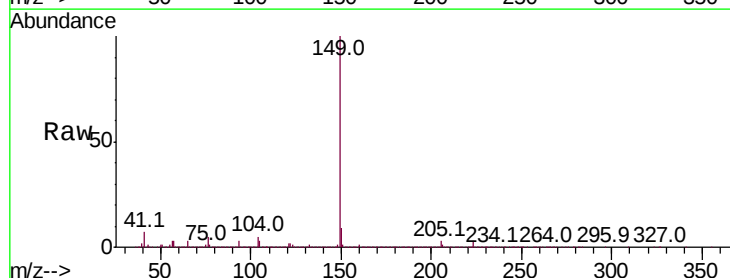
Tgt Ion:149 Resp: 6887796

Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

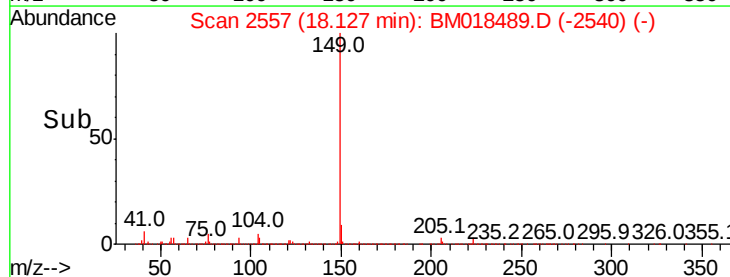
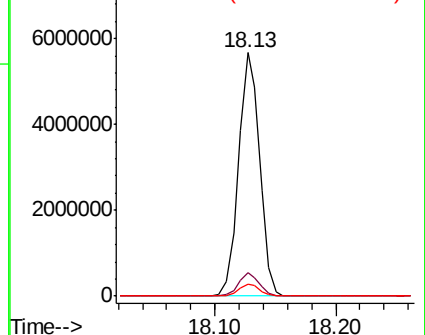
104 5.2 4.2 6.4

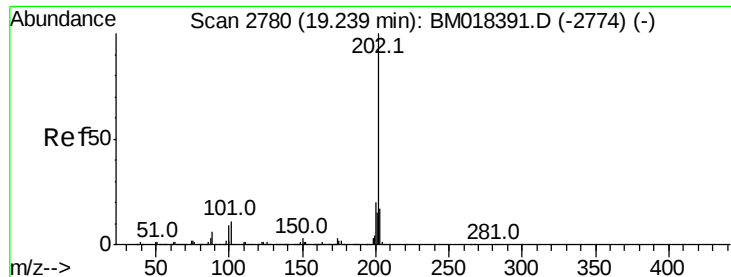


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

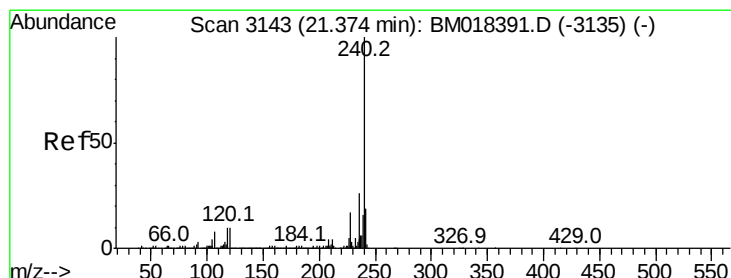
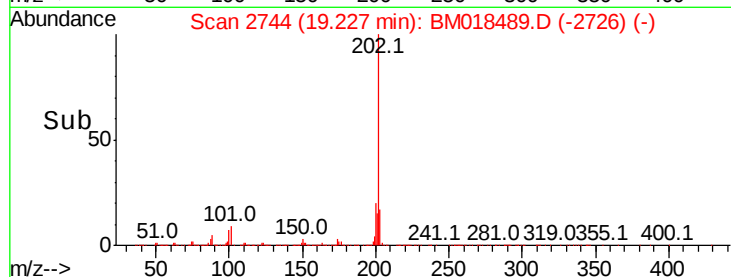
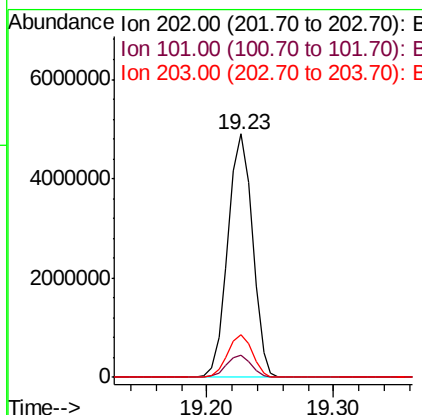
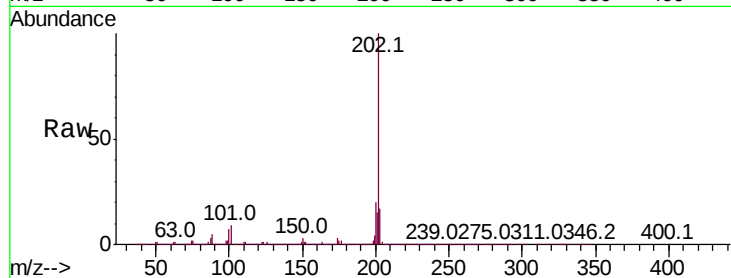




#75
Fluoranthene
Concen: 32.936 ng
RT: 19.23 min Scan# 2744
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

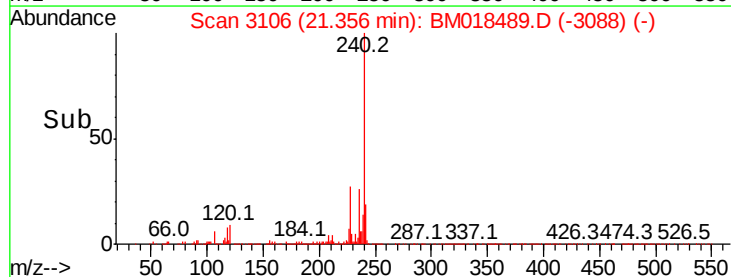
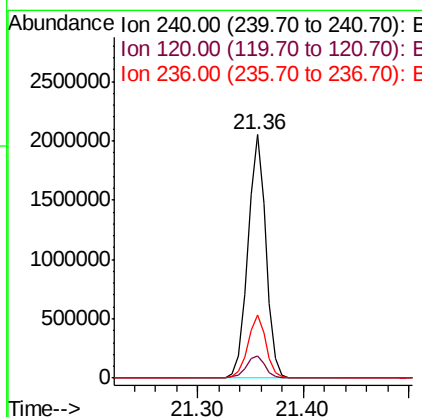
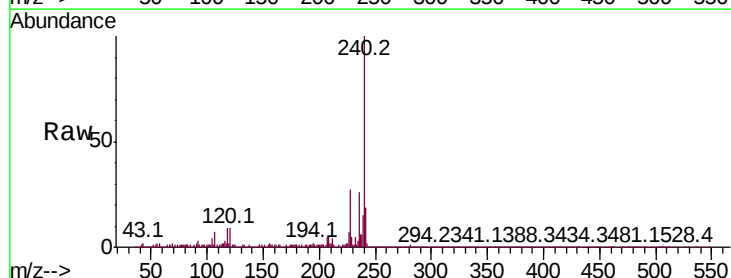
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

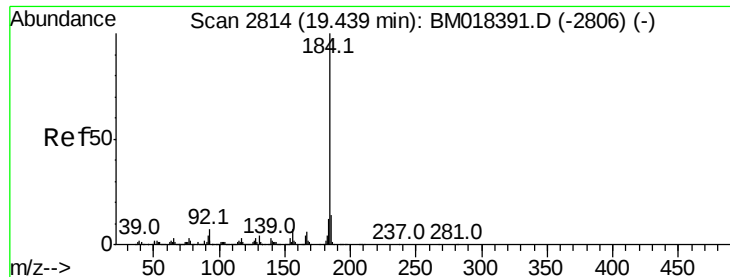
Tot Ion:202 Resp: 6580852
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.9
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:240 Resp: 2407852
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.7 20.7 31.1





#77

Benzidine

Concen: 37.151 ng

RT: 19.42 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

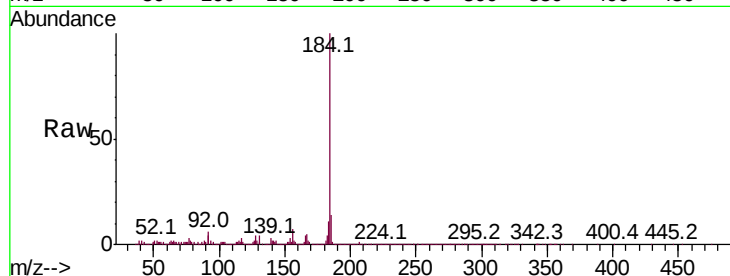
BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:184 Resp: 2208729

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.4	17.0
183	11.5	9.5	14.3

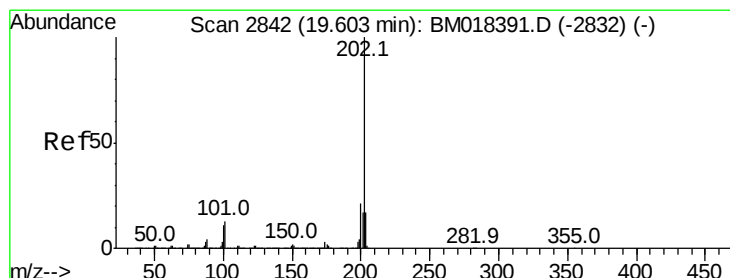
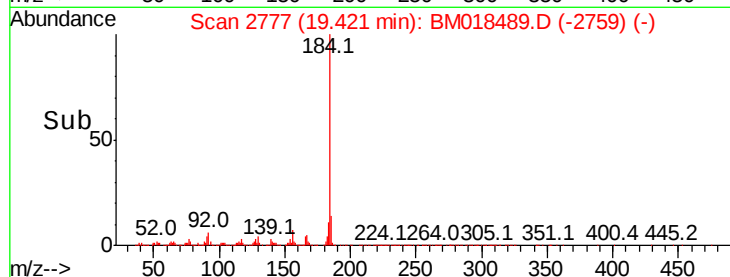
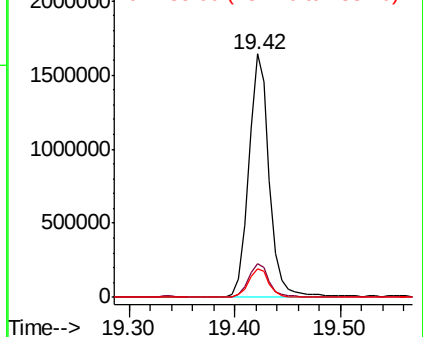


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.468 ng

RT: 19.59 min Scan# 2806

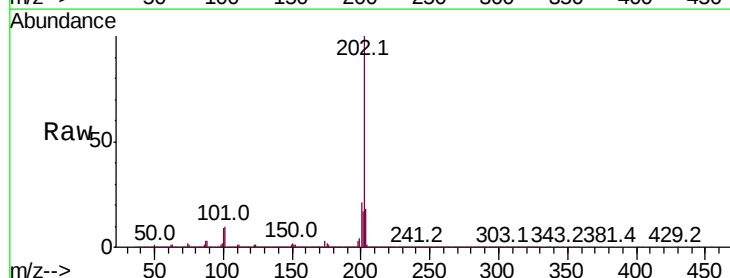
Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Tgt Ion:202 Resp: 6346750

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	17.6	13.8	20.8

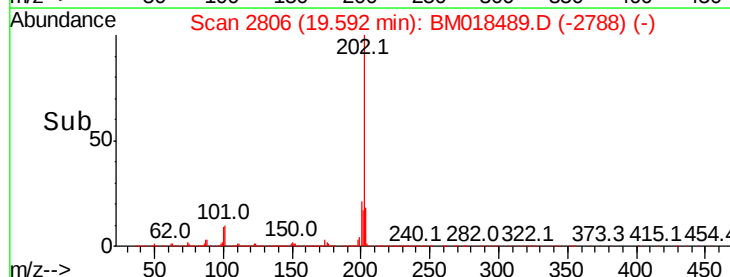
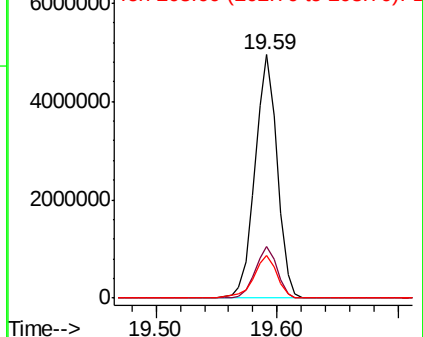


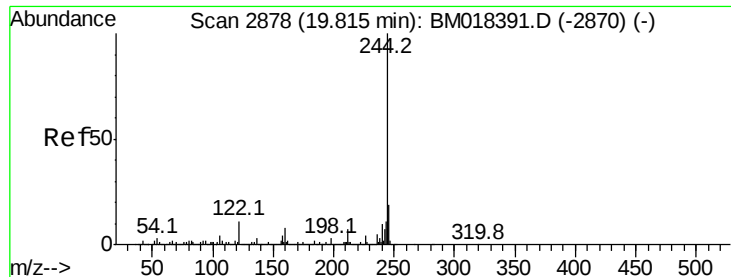
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.636 ng

RT: 19.80 min Scan# 2841

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

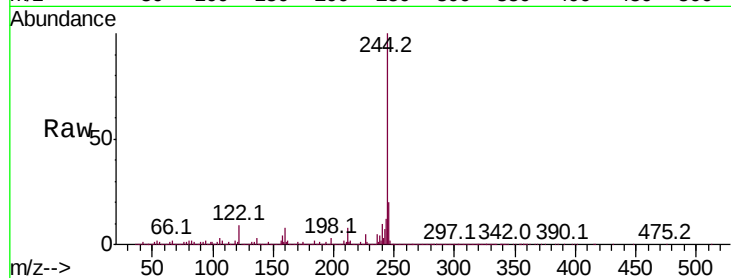
Tot Ion:244 Resp:10695372

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

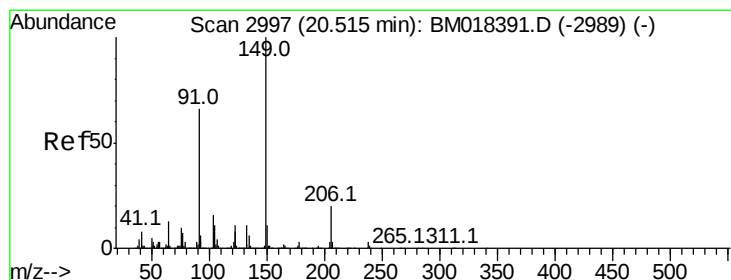
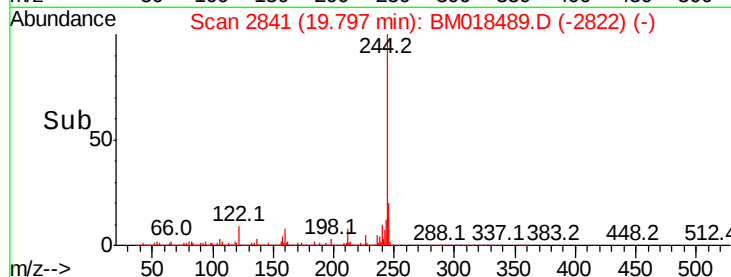
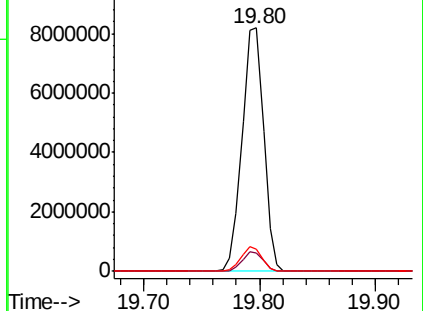
122 9.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.110 ng

RT: 20.49 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

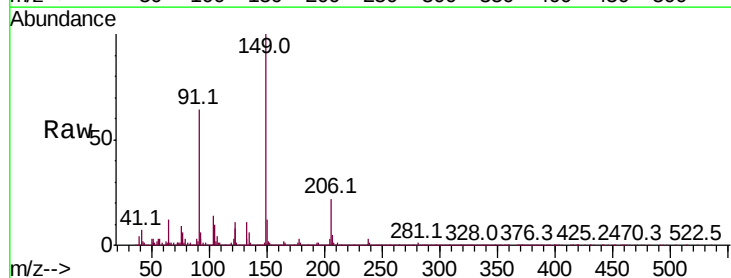
Tgt Ion:149 Resp: 2808200

Ion Ratio Lower Upper

149 100

91 63.6 53.1 79.7

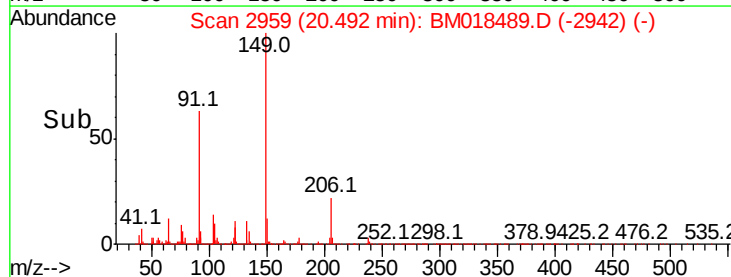
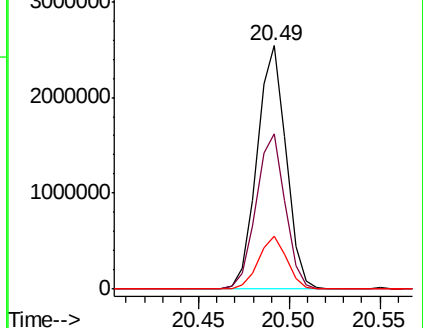
206 21.8 16.2 24.4

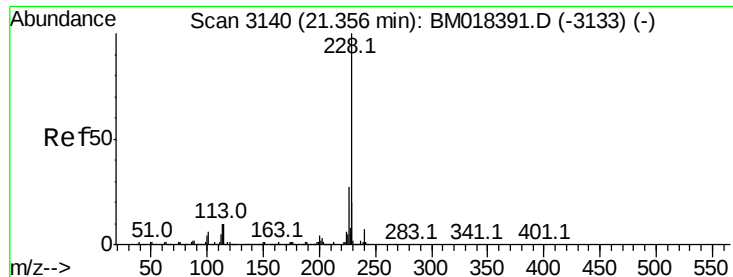


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.876 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

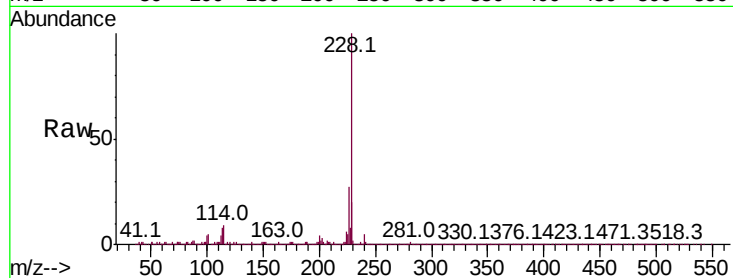
Tot Ion:228 Resp: 5230892

Ion Ratio Lower Upper

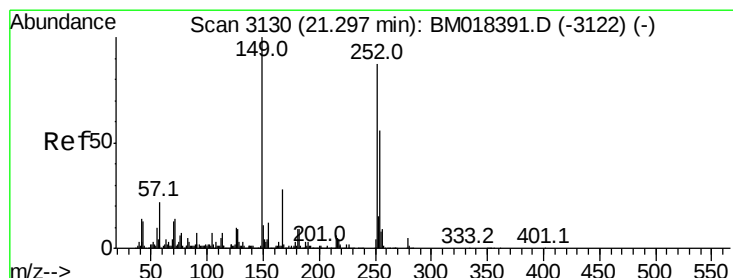
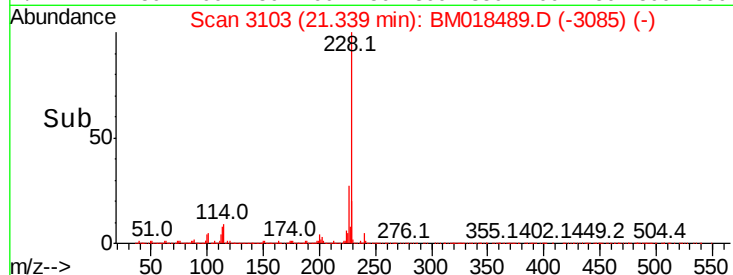
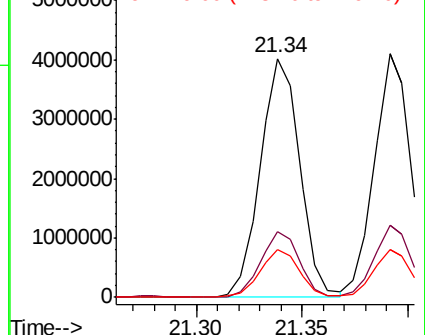
228 100

226 27.3 21.8 32.6

229 20.0 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.986 ng

RT: 21.28 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

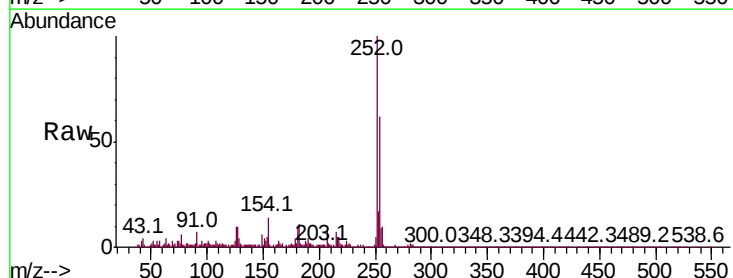
Tgt Ion:252 Resp: 1447549

Ion Ratio Lower Upper

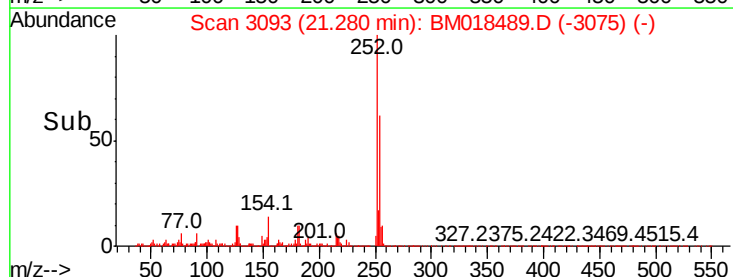
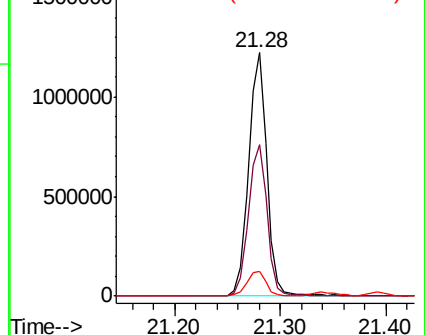
252 100

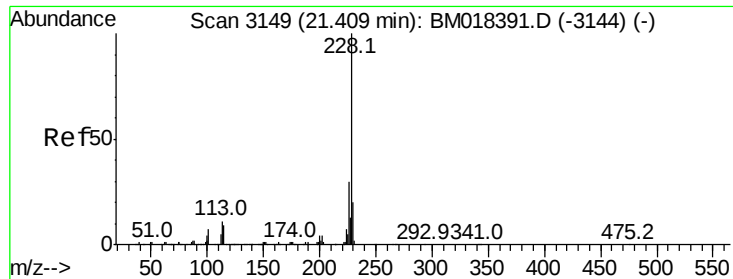
254 62.3 51.4 77.0

126 10.0 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

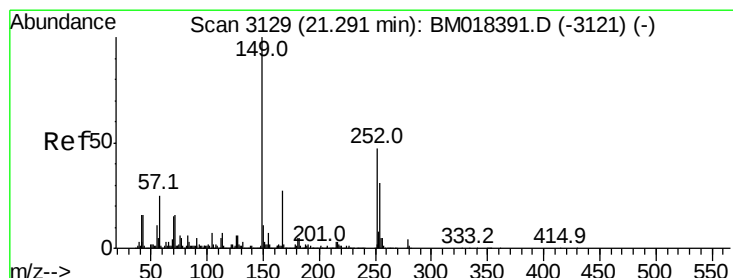
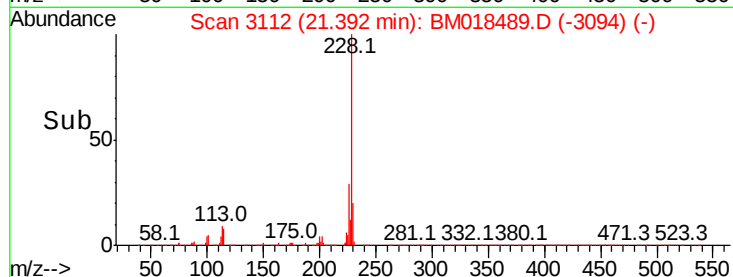
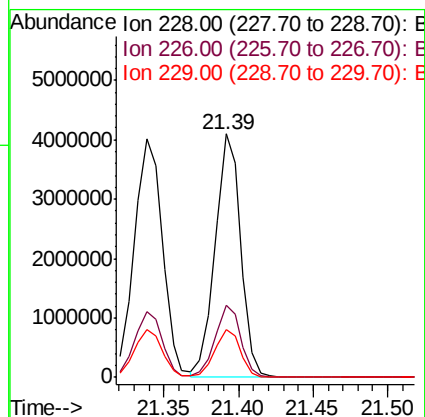
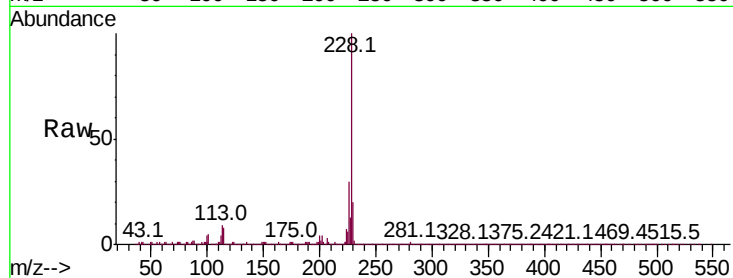




#83
Chrysene
Concen: 35.605 ng
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

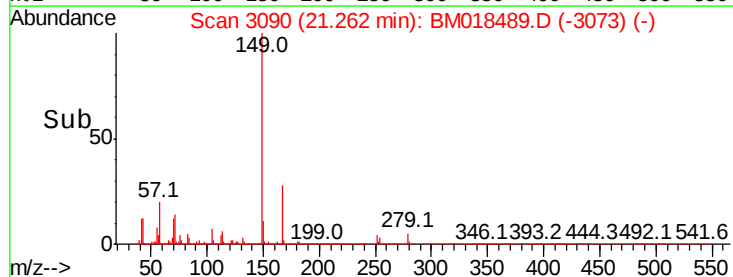
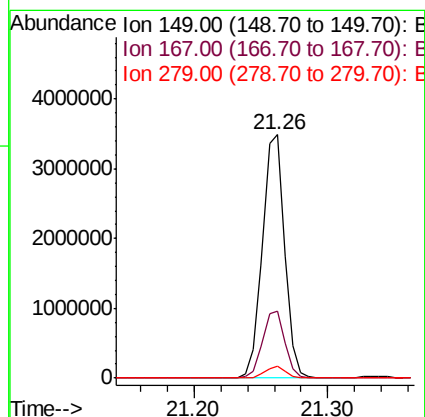
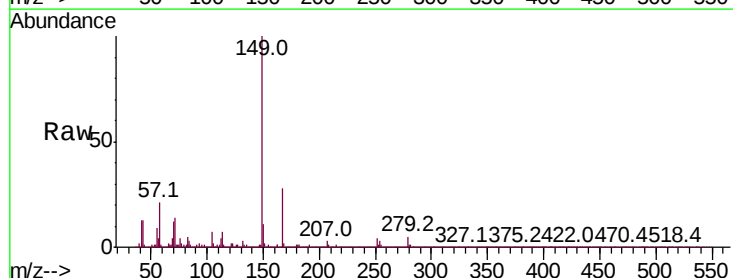
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MSD

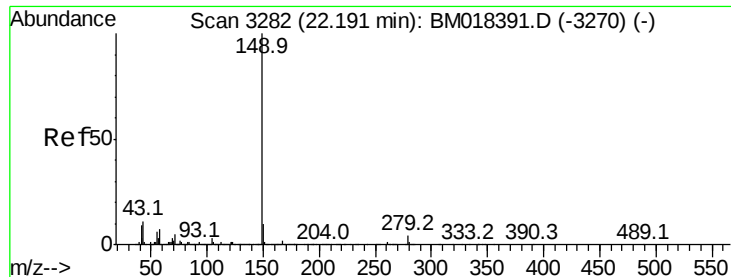
Tot Ion:228 Resp: 4877158
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.8 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.937 ng
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion:149 Resp: 3951908
Ion Ratio Lower Upper
149 100
167 27.7 21.6 32.4
279 4.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.681 ng

RT: 22.16 min Scan# 3242

Delta R.T. 0.00 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

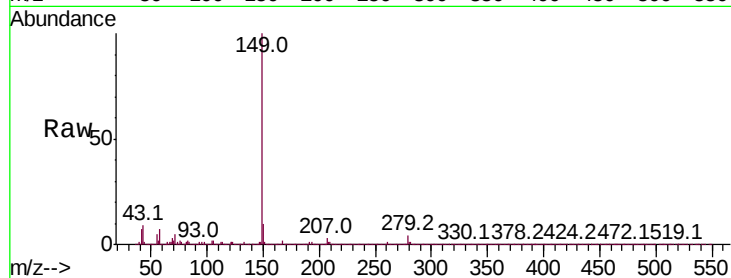
Tot Ion:149 Resp: 6165182

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

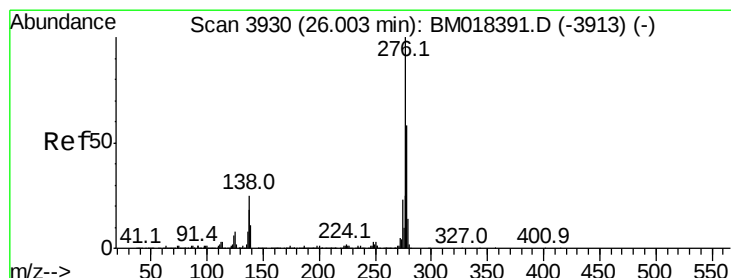
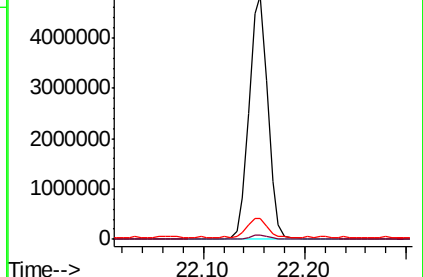
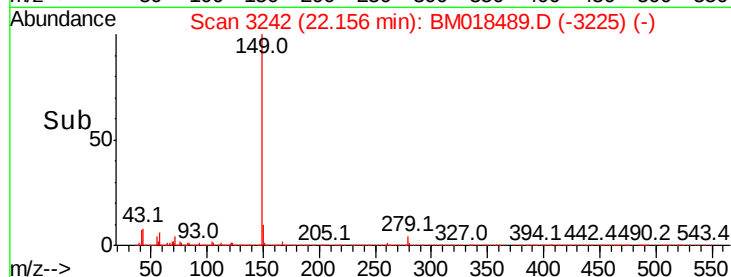
43 8.2 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.230 ng

RT: 25.98 min Scan# 3892

Delta R.T. 0.04 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

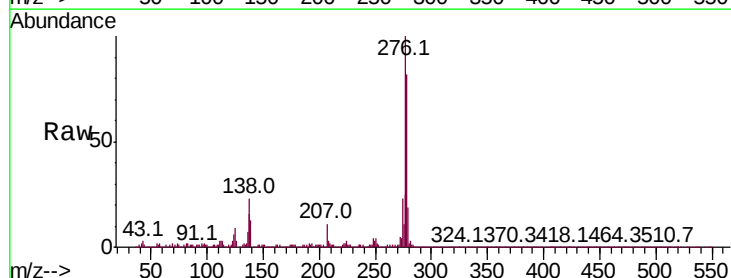
Tgt Ion:276 Resp: 5406558

Ion Ratio Lower Upper

276 100

138 22.9 21.5 32.3

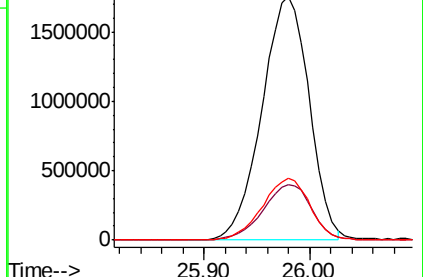
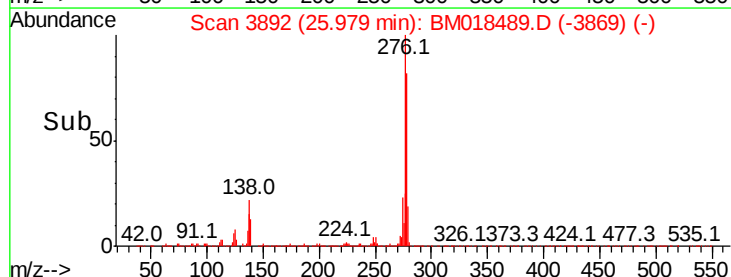
277 24.8 20.2 30.2

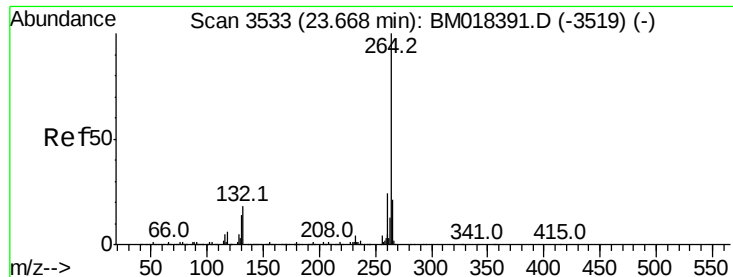


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3495

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

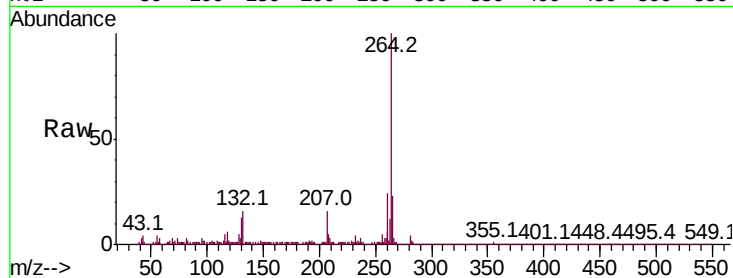
BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:264 Resp: 2349857

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.7	16.8	25.2

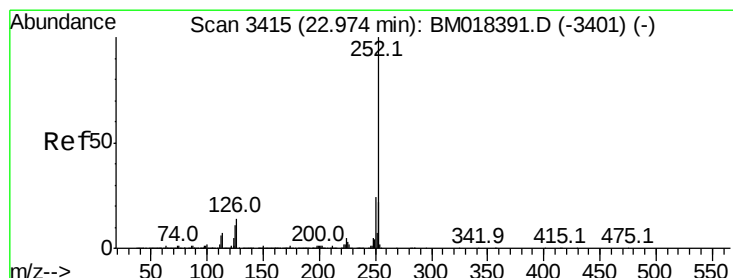
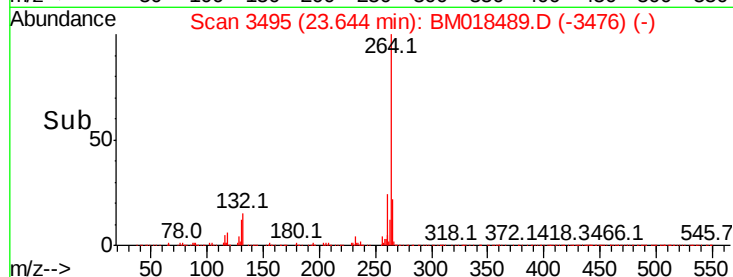
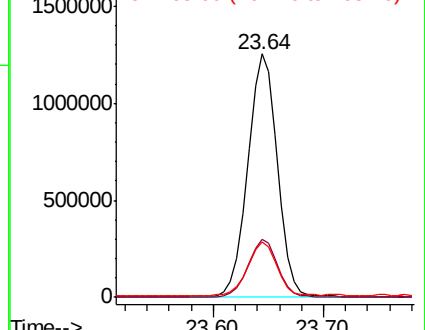


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.680 ng

RT: 22.96 min Scan# 3378

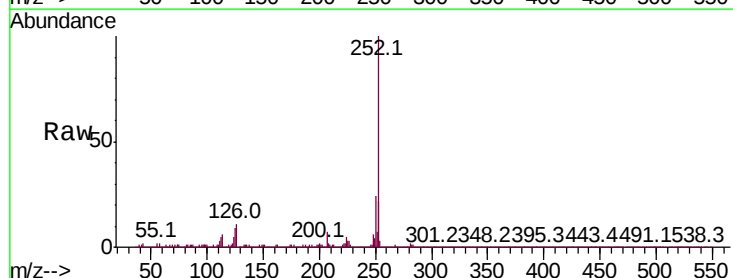
Delta R.T. 0.02 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Tgt Ion:252 Resp: 4759932

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.0	8.5	12.7

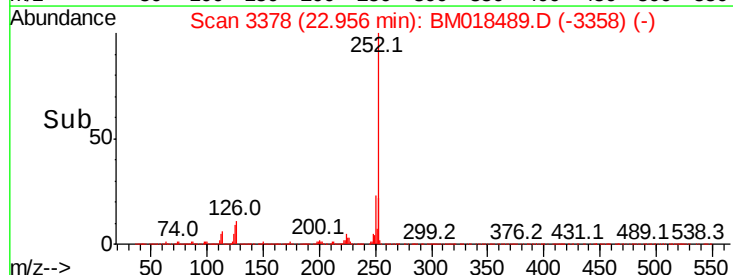
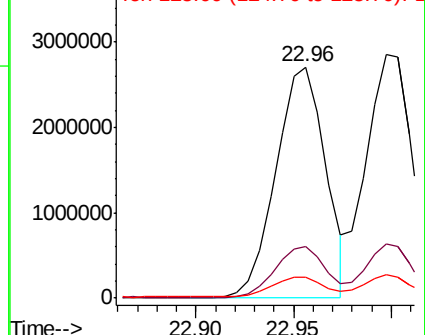


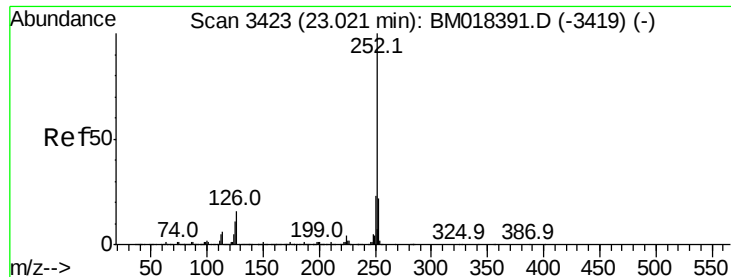
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 35.339 ng

RT: 23.00 min Scan# 3385

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

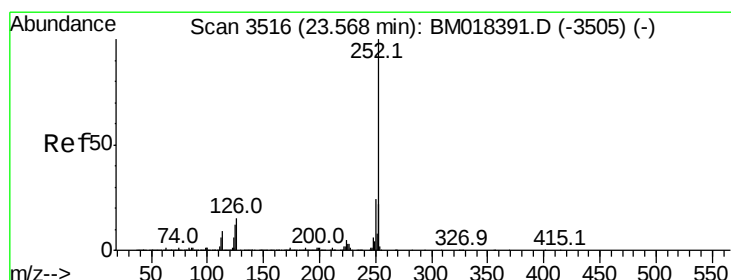
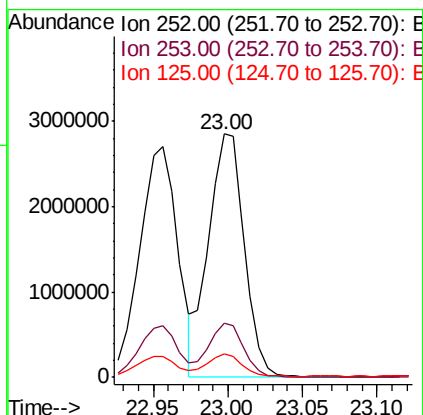
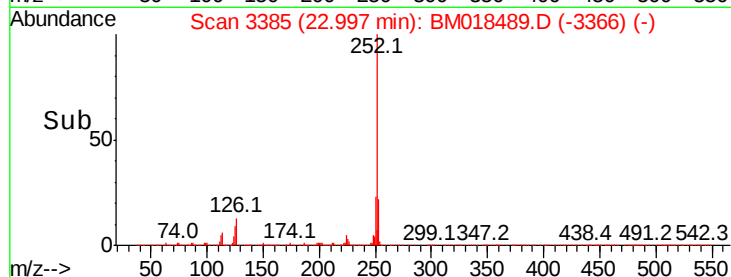
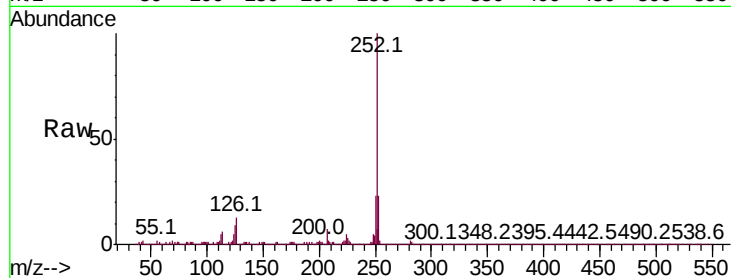
Tot Ion:252 Resp: 4751146

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 9.4 8.6 12.8



#90

Benzo(a)pyrene

Concen: 36.662 ng

RT: 23.54 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

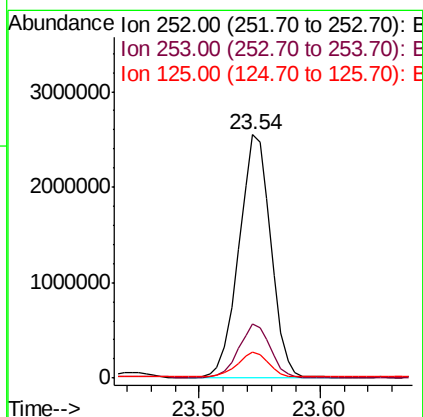
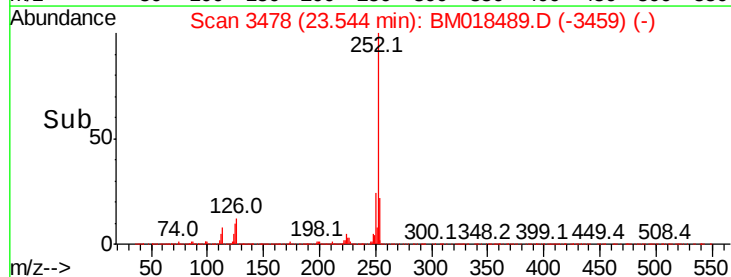
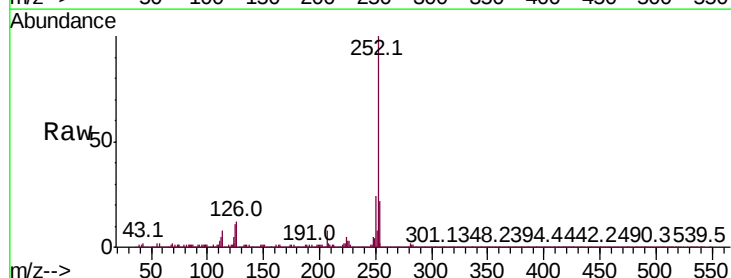
Tgt Ion:252 Resp: 4682395

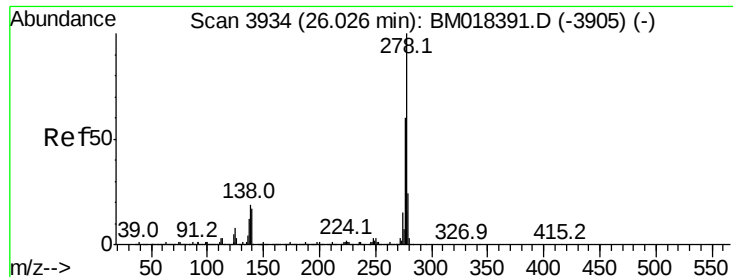
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.7 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 34.900 ng

RT: 25.99 min Scan# 3894

Delta R.T. 0.03 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

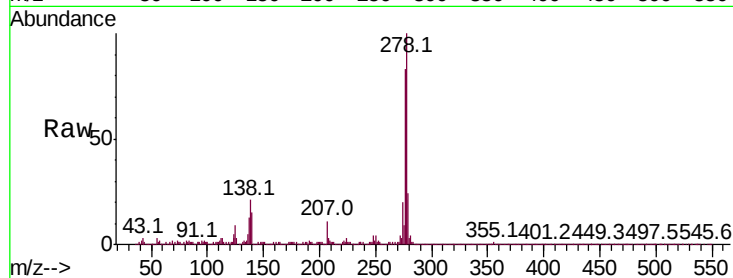
Tot Ion:278 Resp: 4516354

Ion Ratio Lower Upper

278 100

139 14.7 13.2 19.8

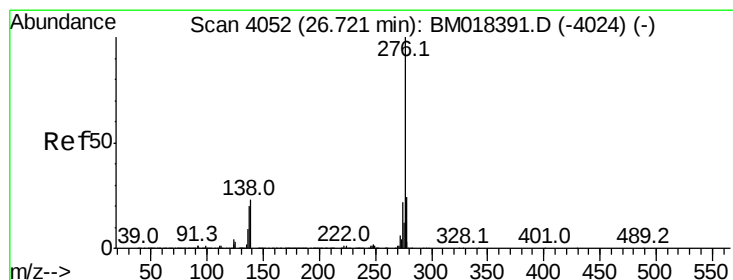
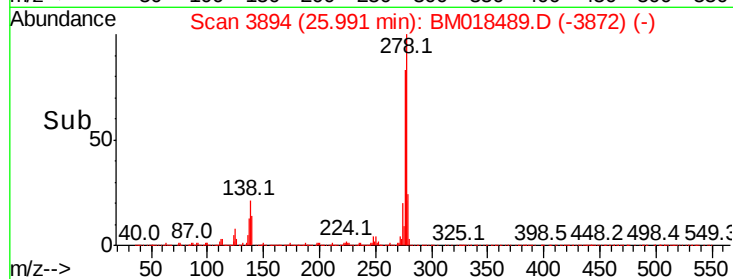
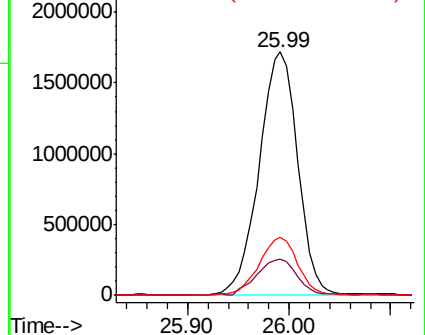
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.727 ng

RT: 26.70 min Scan# 4014

Delta R.T. 0.04 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

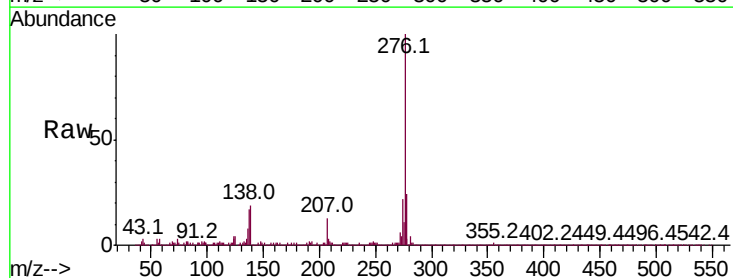
Tgt Ion:276 Resp: 4499225

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 18.6 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

