

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

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:12:10 PM

Quant Time: Jan 10 06:42:28 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

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

						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
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	380124m	33.314	ng	
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
41) Hexachlorocyclopentadiene	12.56	237	106046	3.987	ng	96

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

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

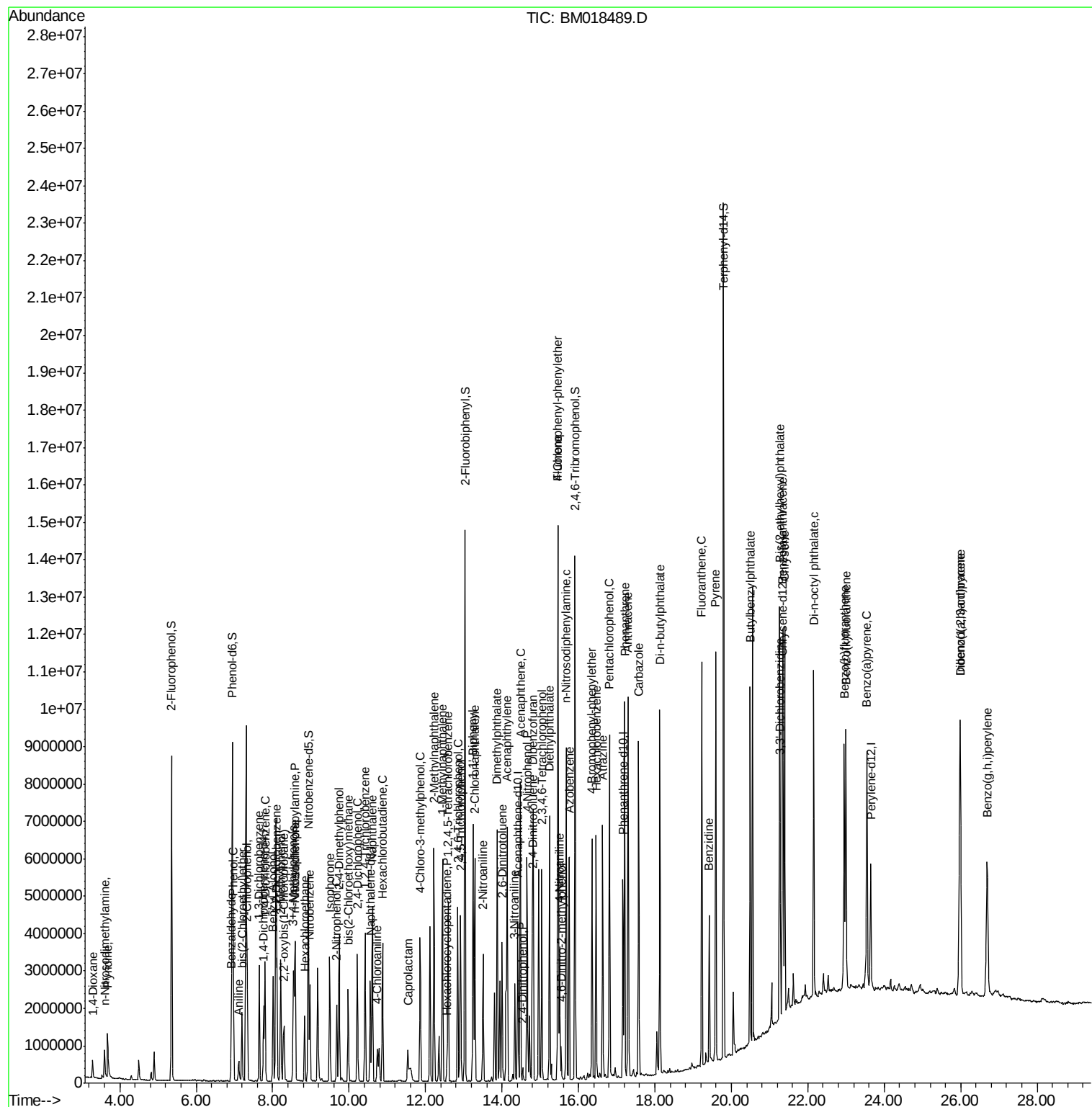
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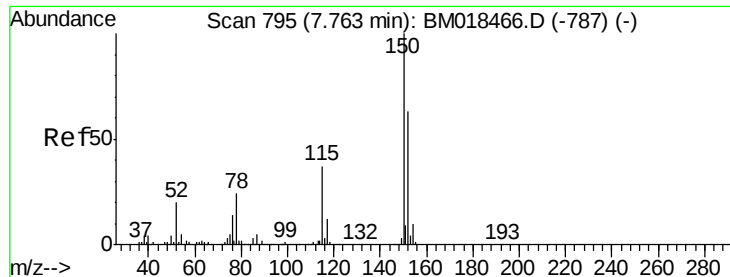
Instrument :
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#1

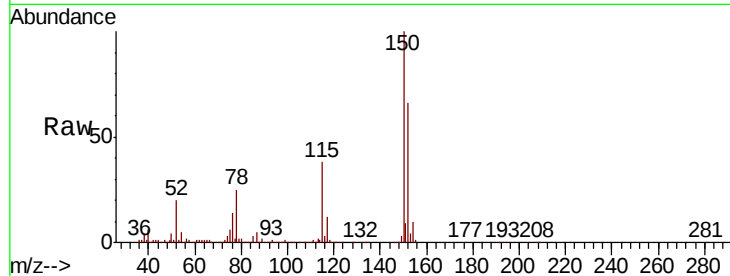
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

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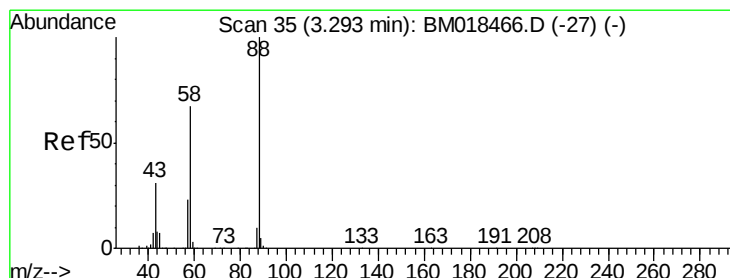
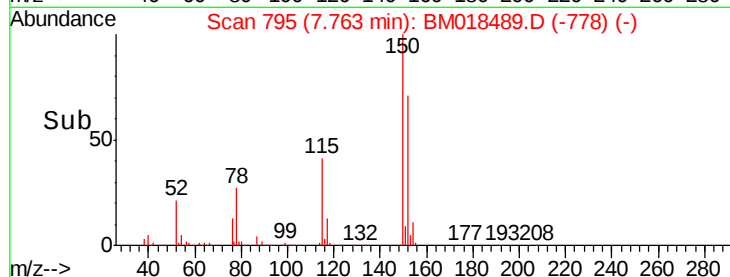
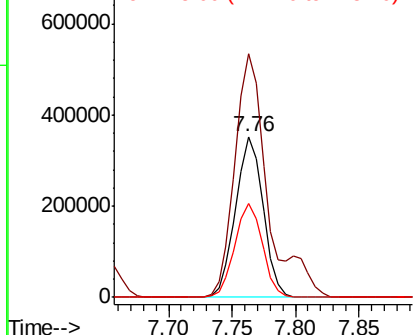


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

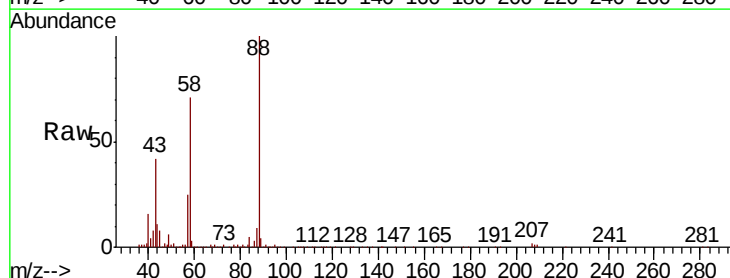
Ion 115.00 (114.70 to 115.70): E



#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

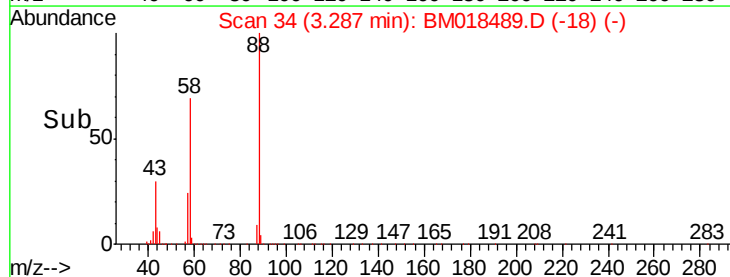
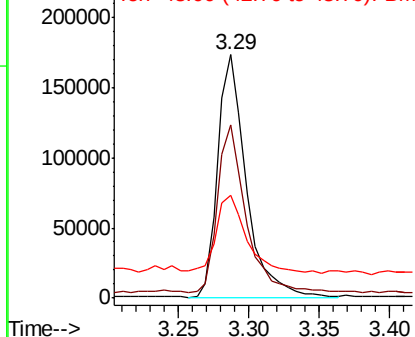


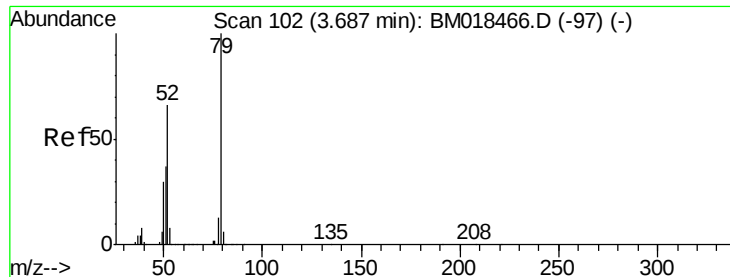
Abundance

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

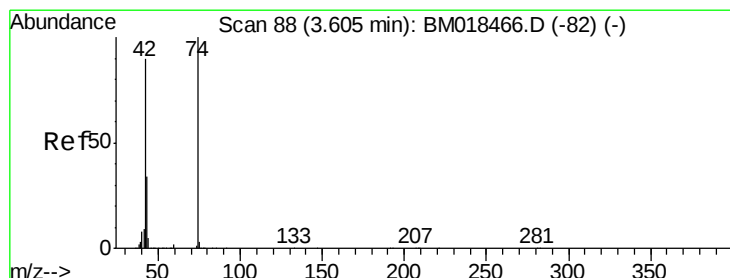
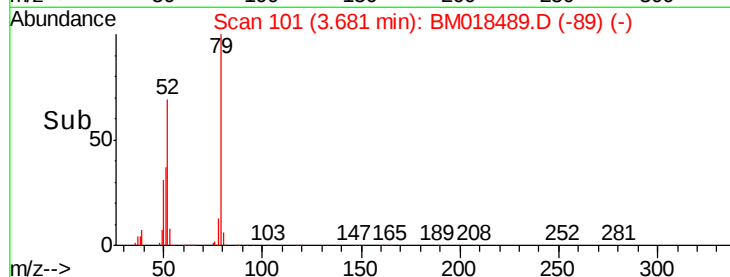
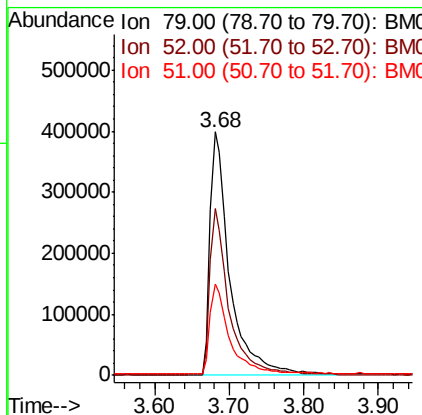
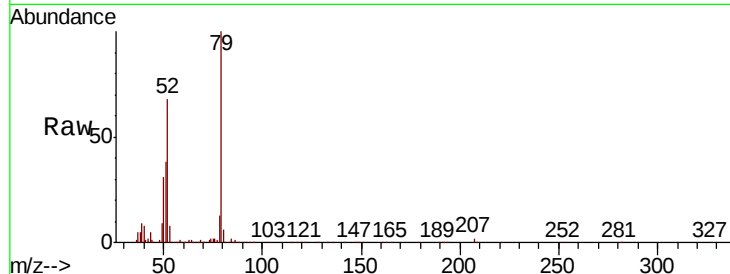
ClientSampleId :

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

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#4

n-Nitrosodimethylamine

Concen: 33.835 ng

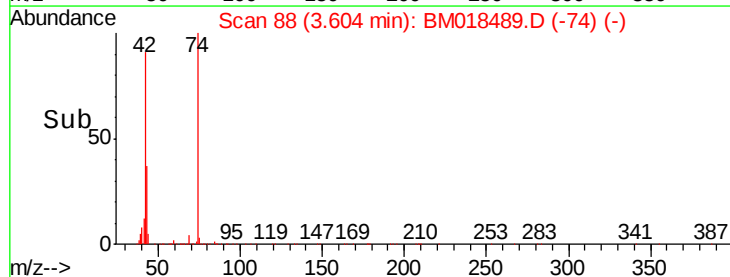
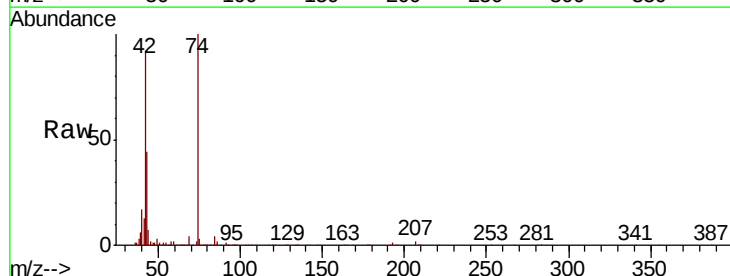
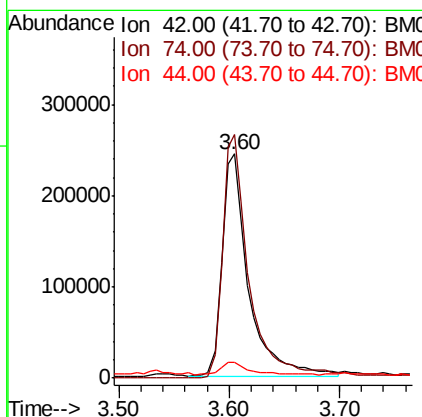
RT: 3.60 min Scan# 88

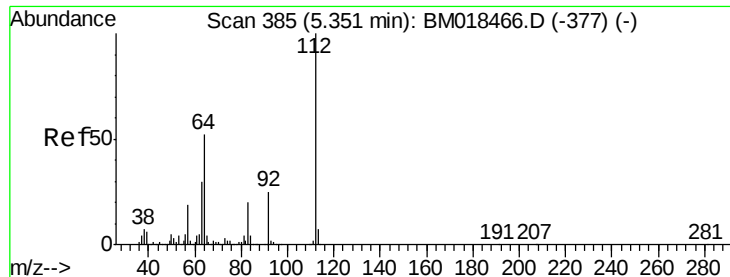
Delta R.T. -0.02 min

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





#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

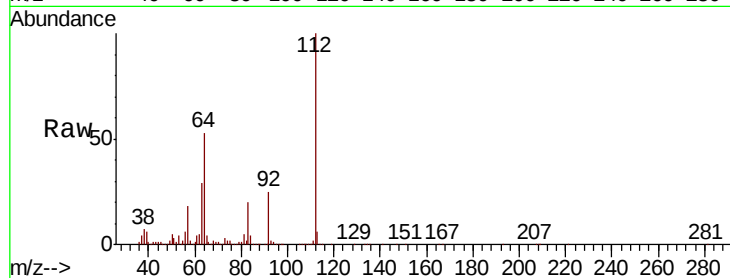
64 53.4 46.5 69.7

63 29.3 25.2 37.8

Manual Integrations
APPROVED

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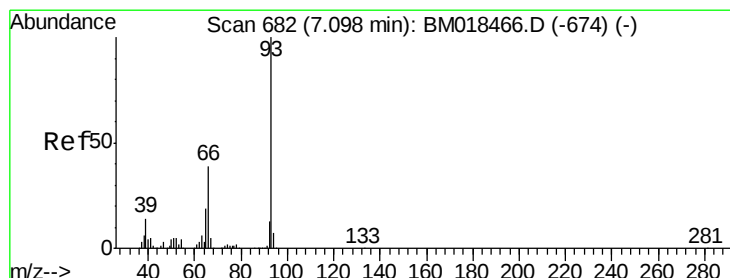
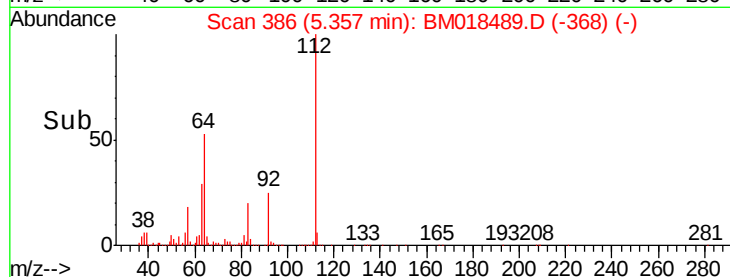
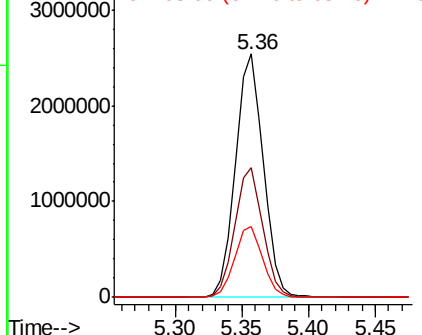
1/10/2019 3:12:10 PM



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

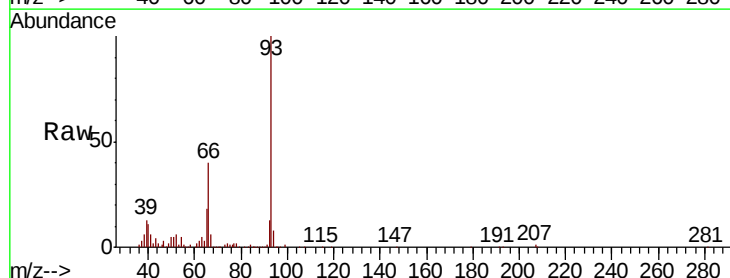
Tgt Ion: 93 Resp: 396312

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

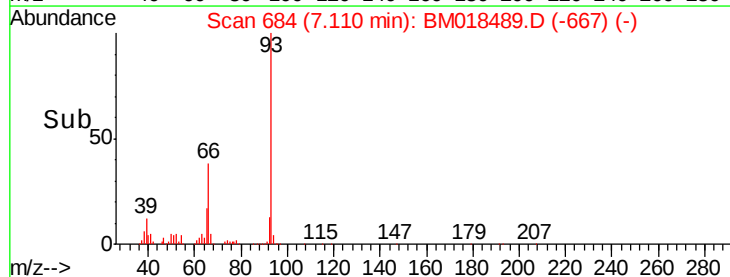
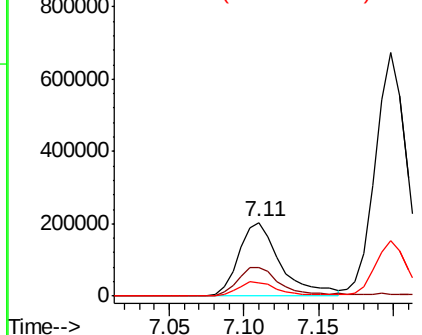
65 18.3 15.9 23.9

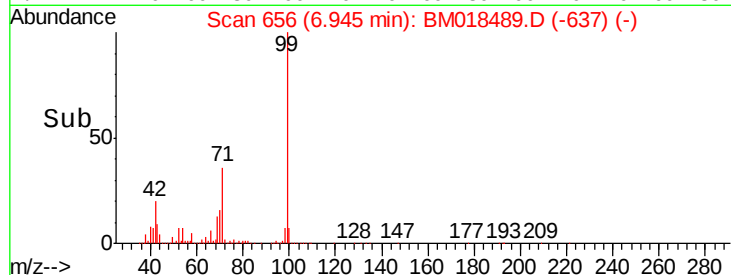
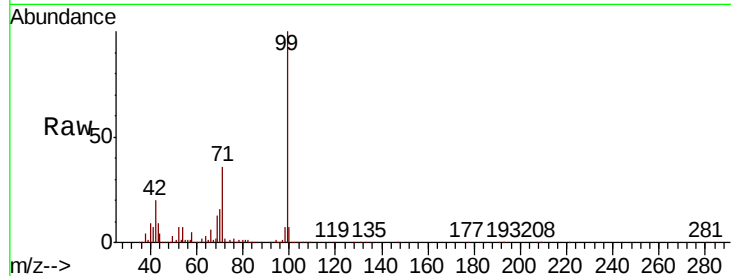
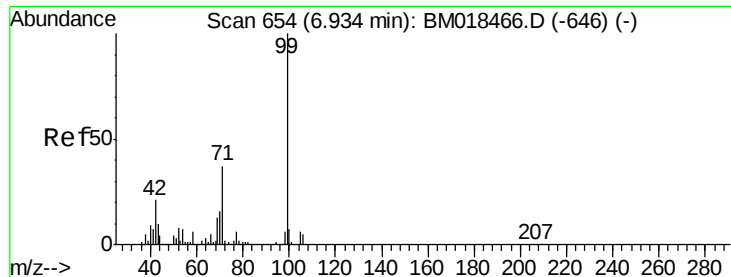


Abundance Ion 93.00 (92.70 to 93.70): B

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

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

Instrument :

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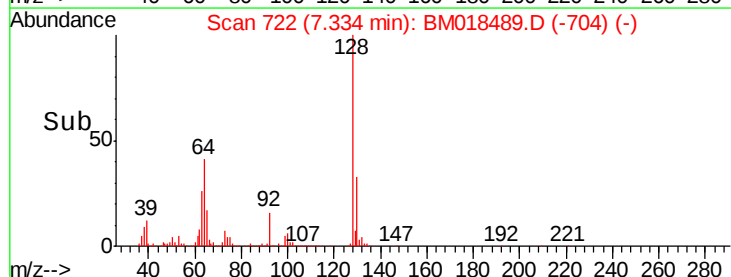
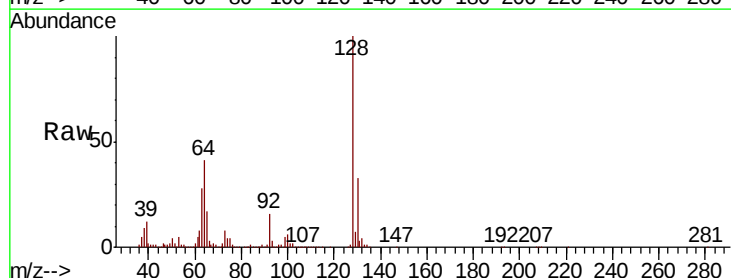
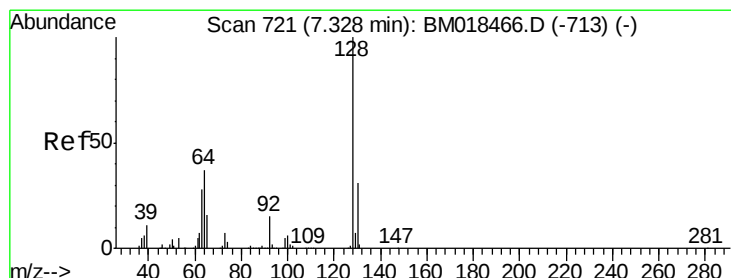
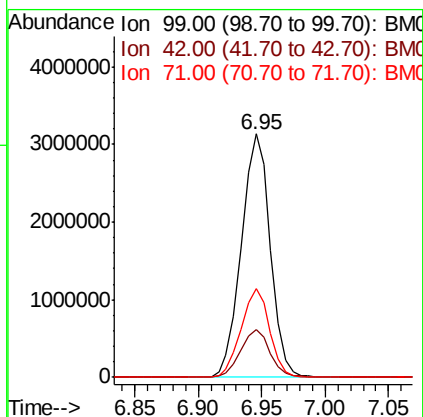
SUP-3B-C-1-010819MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 37.574 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM018489.D

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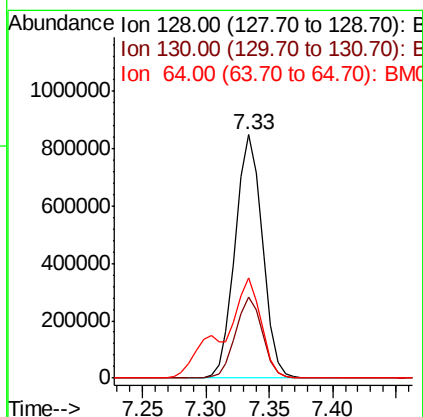
Tgt Ion: 128 Resp: 1262520

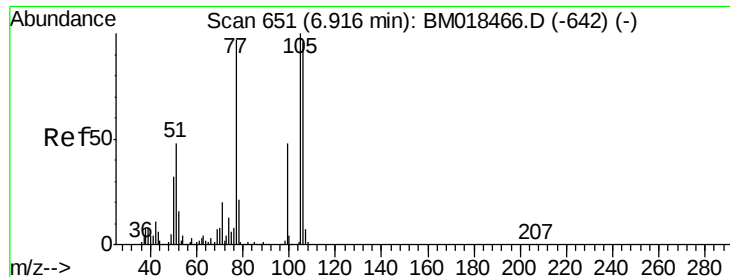
Ion Ratio Lower Upper

128 100

130 33.2 13.6 53.6

64 41.0 24.8 64.8





#9

Benzaldehyde

Concen: 15.237 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

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Instrument :

BNA_M

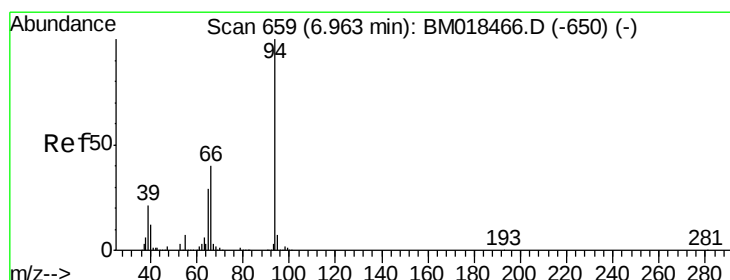
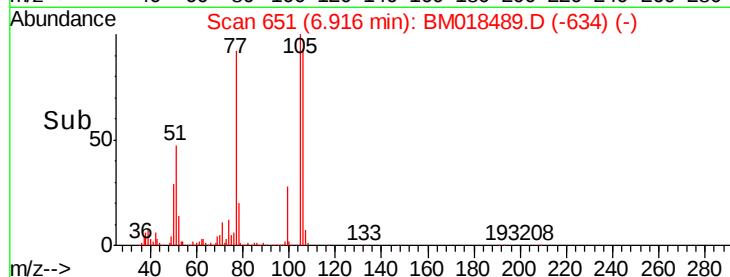
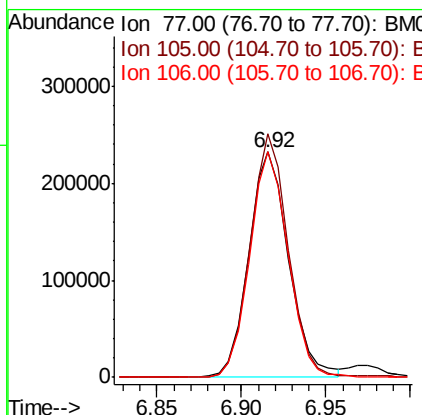
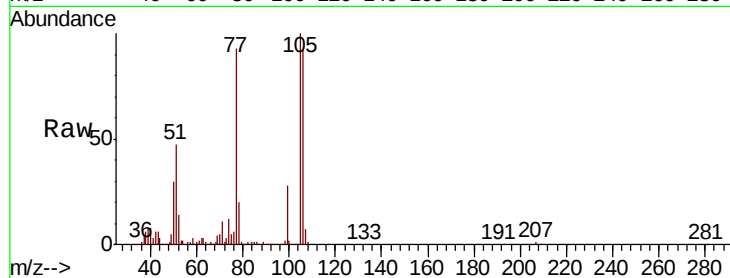
ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	108.0	79.7	119.7
106	99.9	75.2	115.2

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#10

Phenol

Concen: 43.303 ng

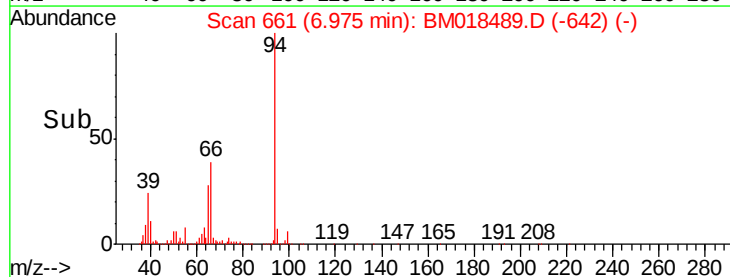
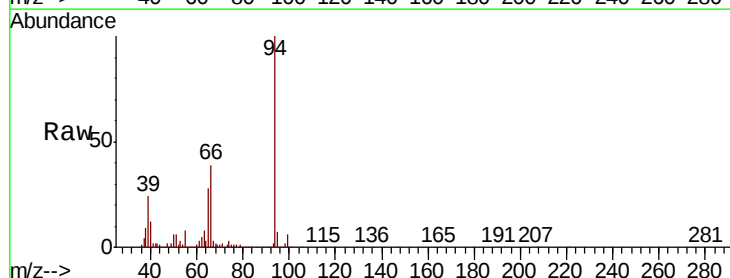
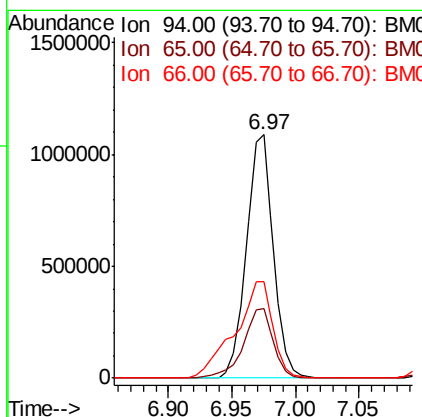
RT: 6.97 min Scan# 661

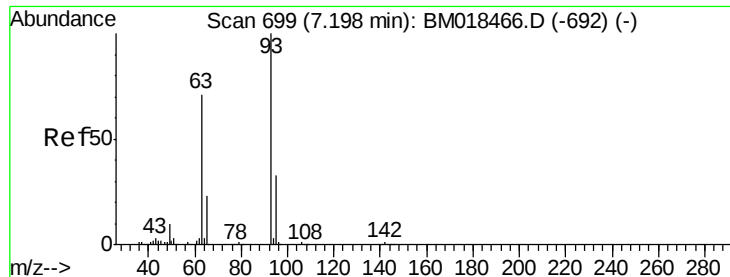
Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.4	49.4
66	39.4	19.1	59.1





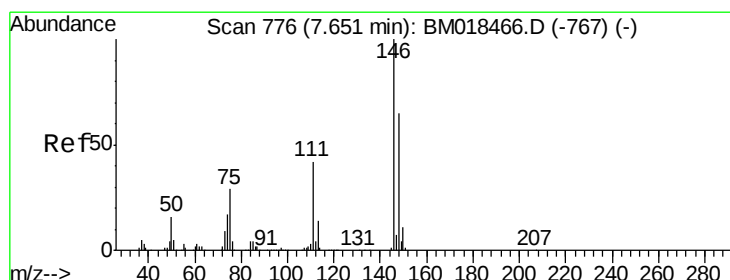
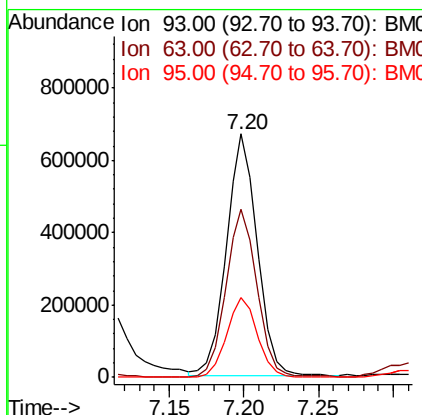
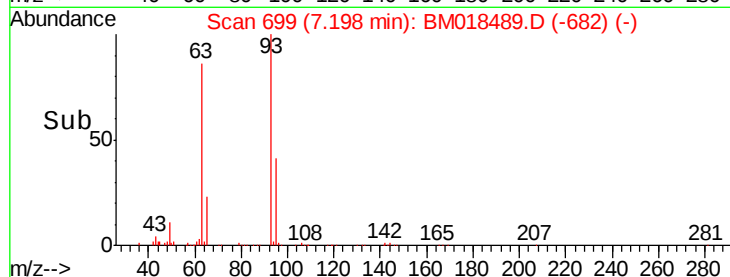
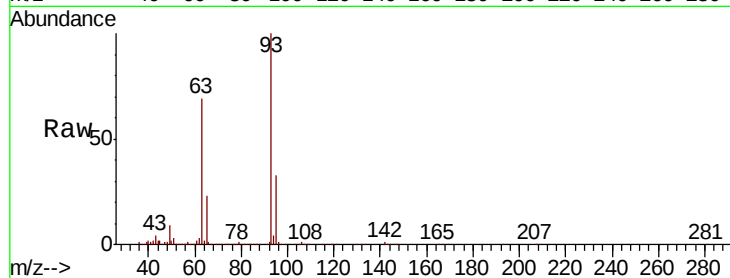
#11
bis(2-Chloroethyl)ether
Concen: 33.069 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

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

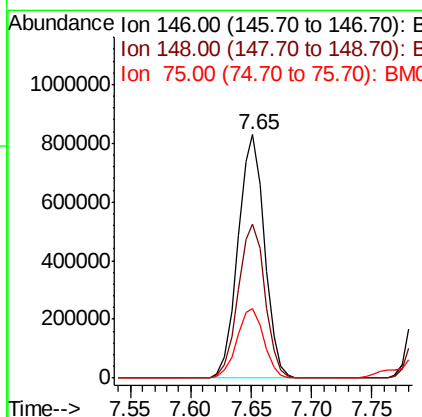
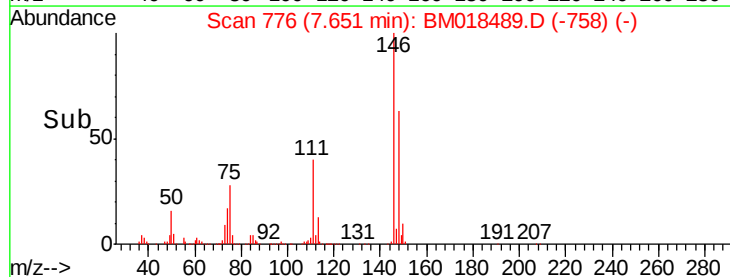
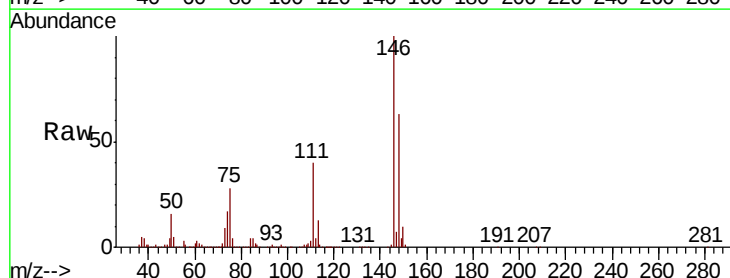
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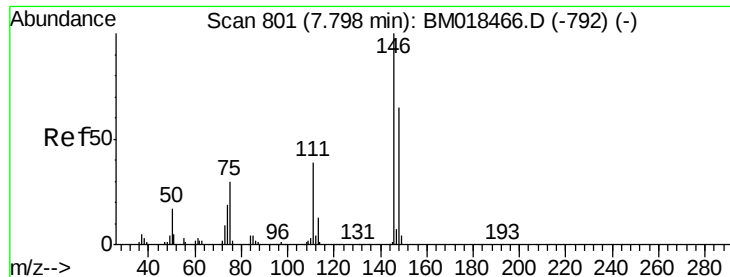
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#12
1,3-Dichlorobenzene
Concen: 31.622 ng
RT: 7.65 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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





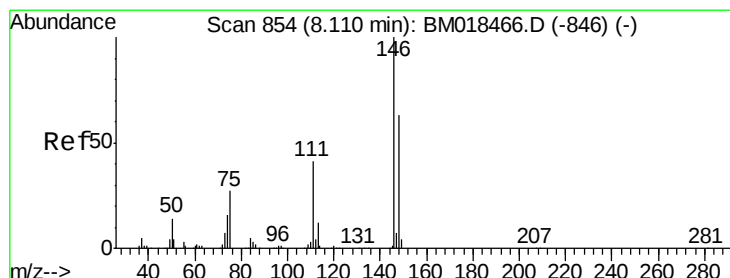
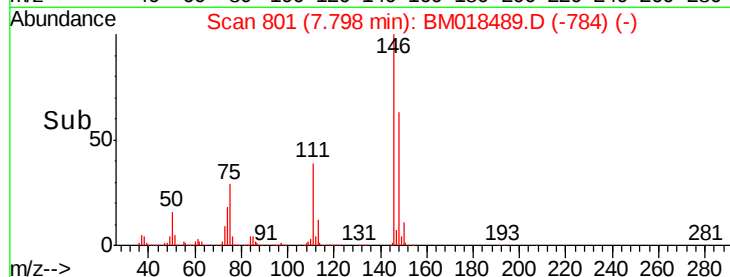
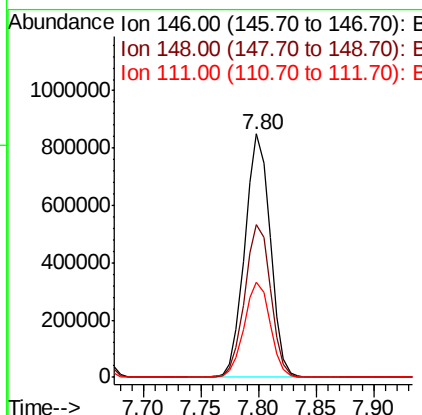
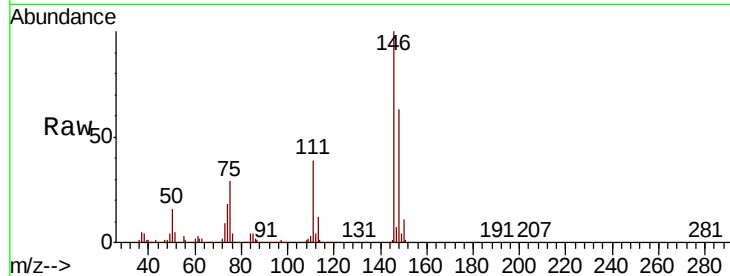
#13
 1,4-Dichlorobenzene
 Concen: 32.190 ng
 RT: 7.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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

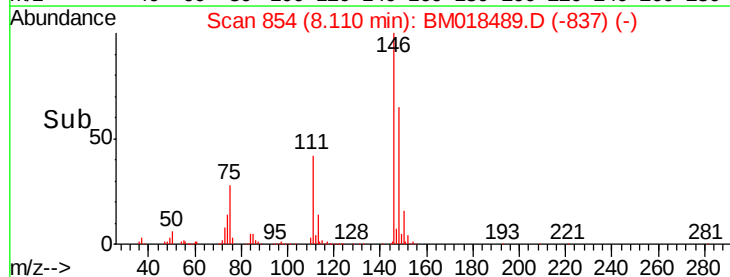
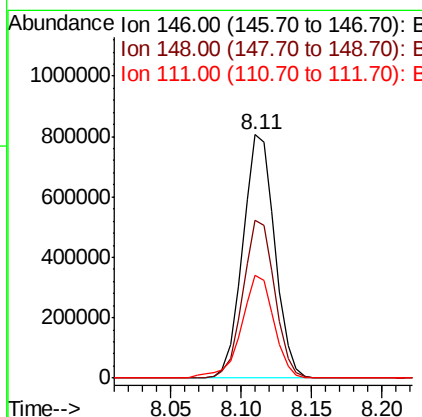
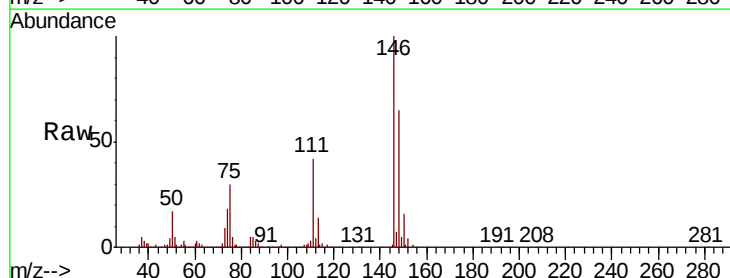
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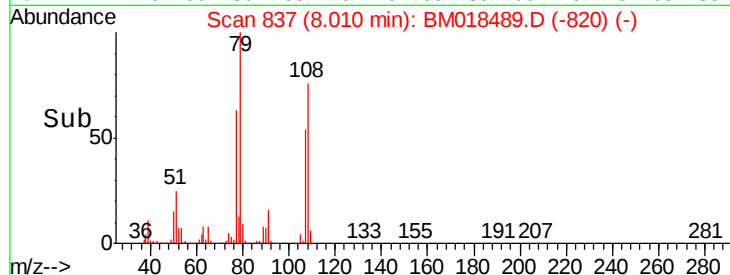
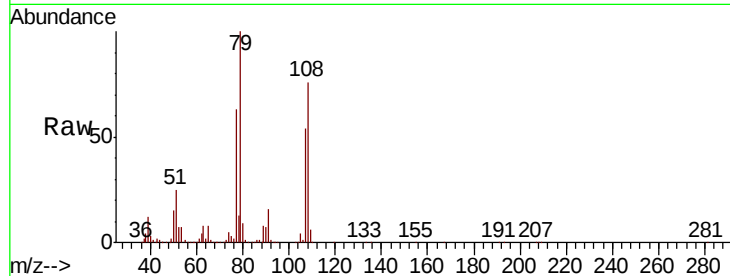
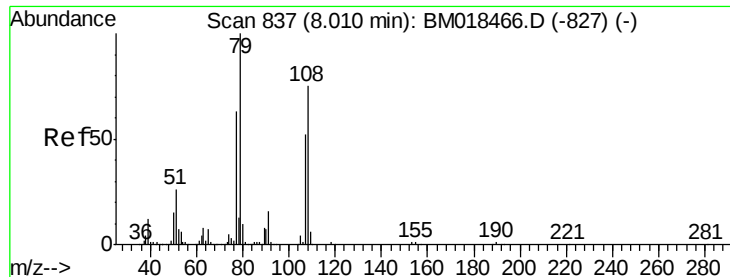
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 33.133 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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





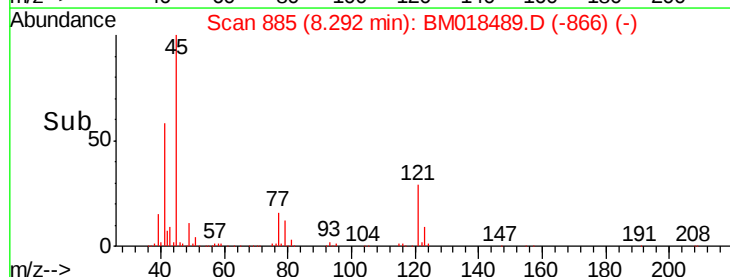
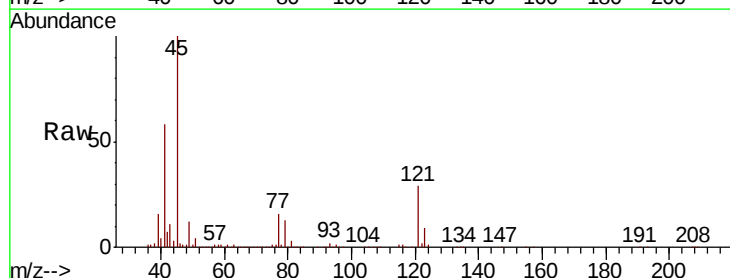
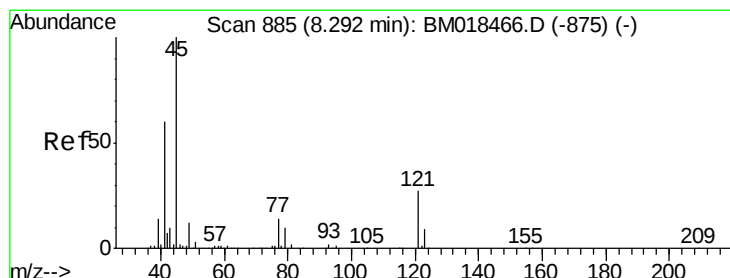
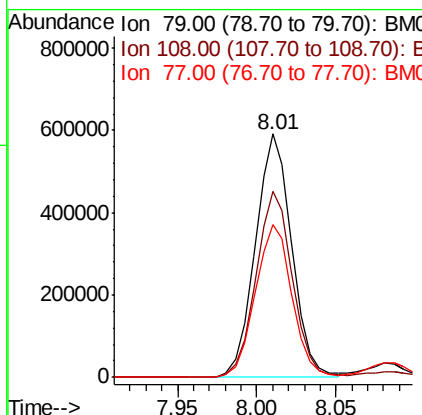
#15
Benzyl Alcohol
Concen: 35.539 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.4	90.6
77	62.8	53.4	80.2

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

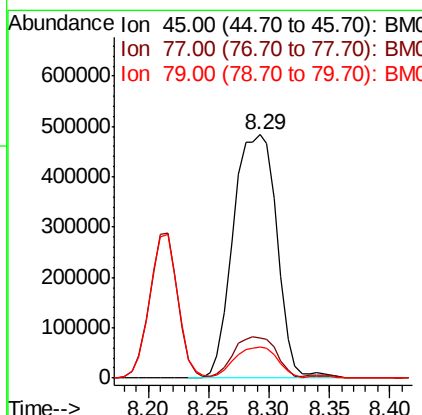
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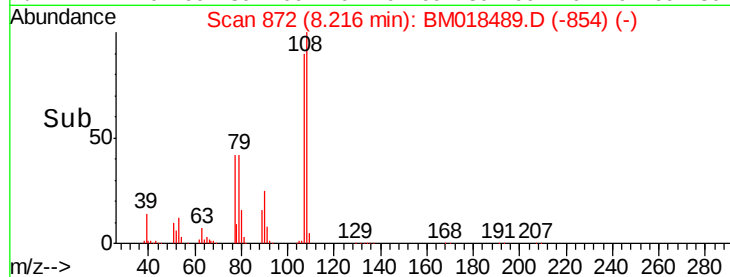
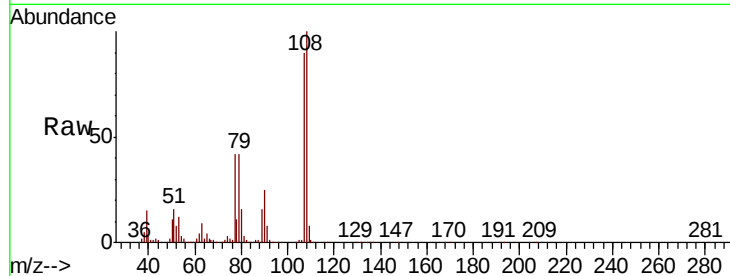
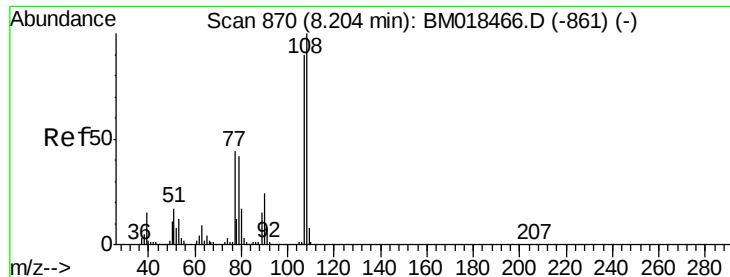
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.654 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	33.4
79	13.0	0.0	31.1





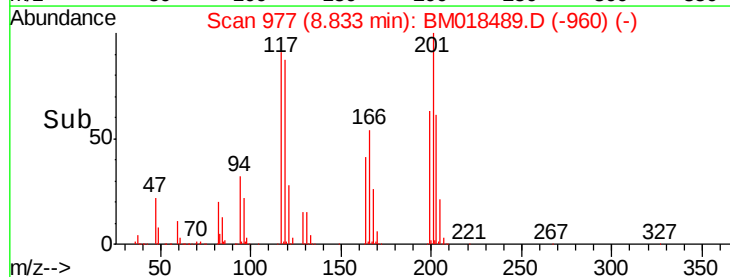
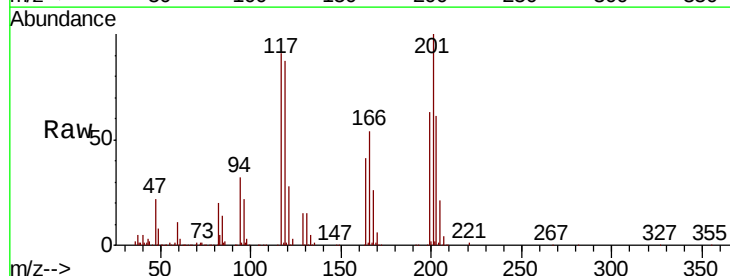
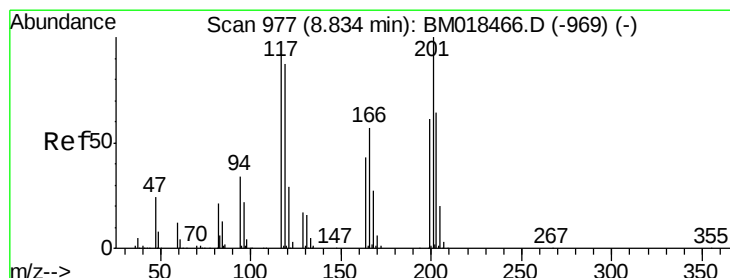
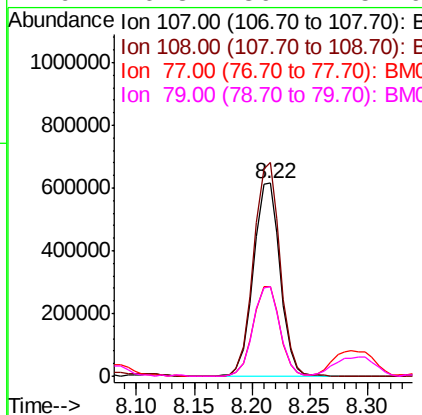
#17
2-Methylphenol
Concen: 39.607 ng
RT: 8.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tot Ion	Ratio	Resp	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	

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

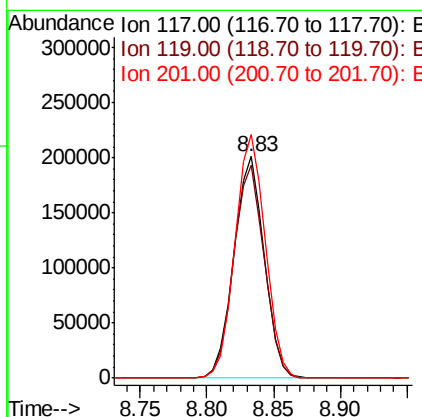
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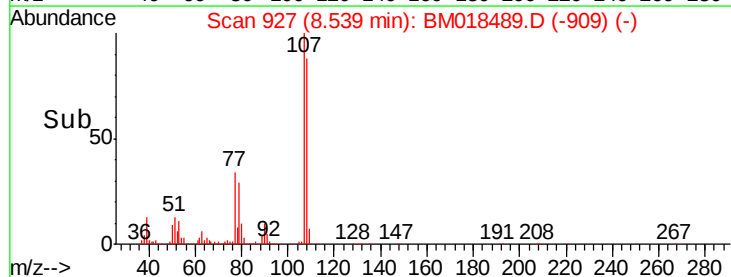
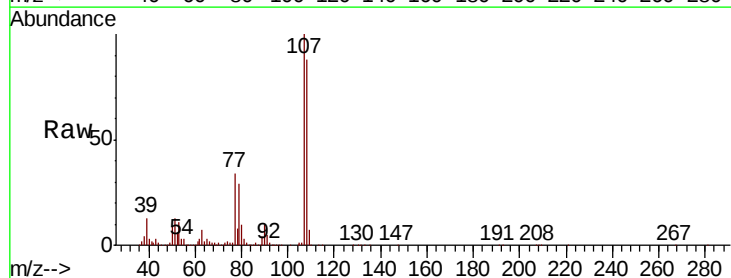
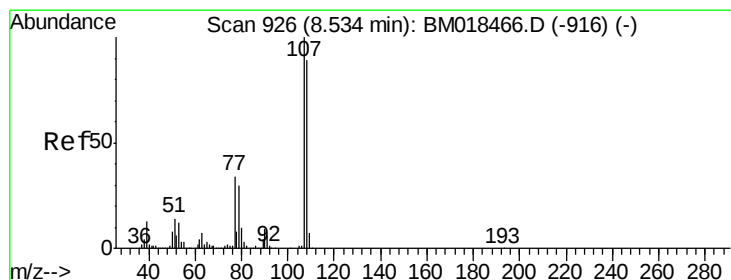
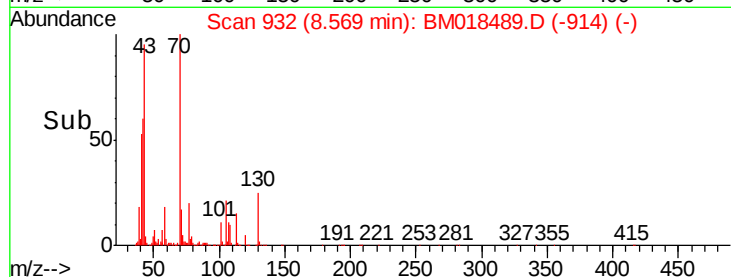
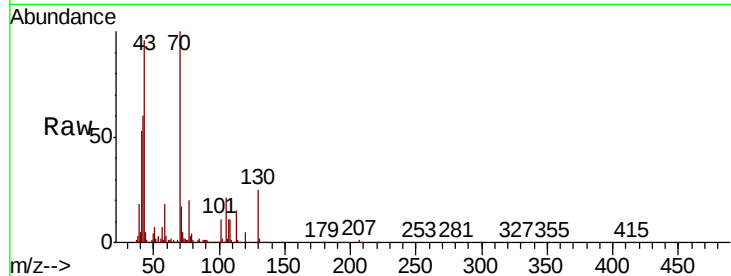
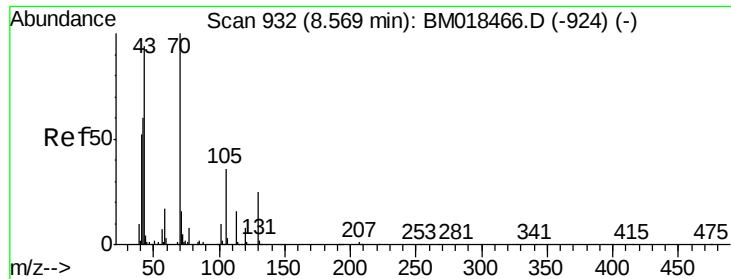
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#18
Hexachloroethane
Concen: 21.874 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.3	117.5	
201	110.0	81.4	122.0	





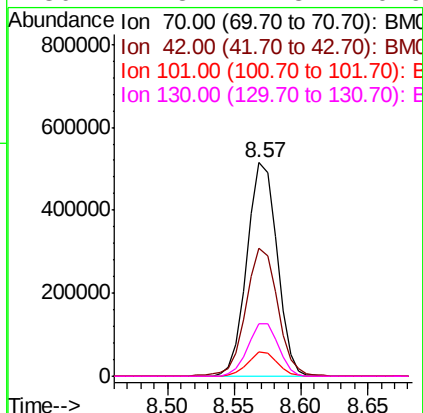
#19
n-Nitroso-di-n-propylamine
Concen: 33.691 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	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

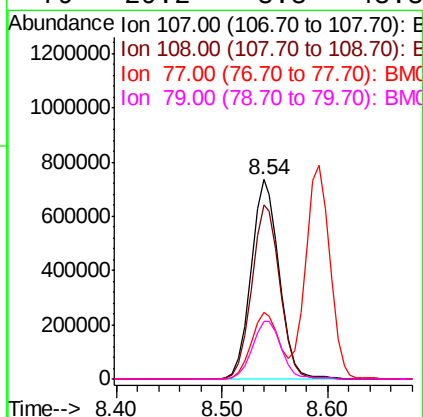
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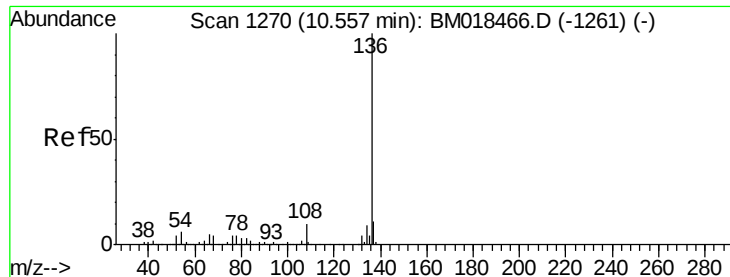
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#20
3+4-Methylphenols
Concen: 38.861 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	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





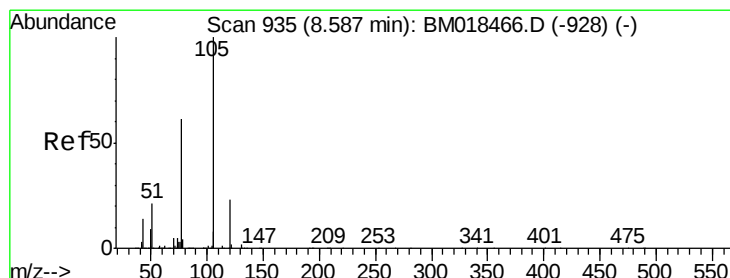
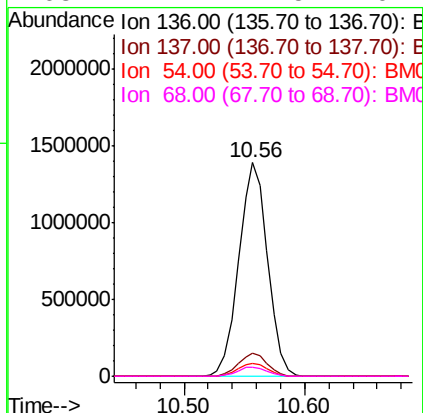
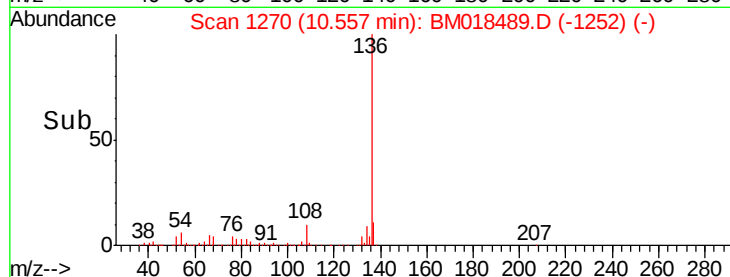
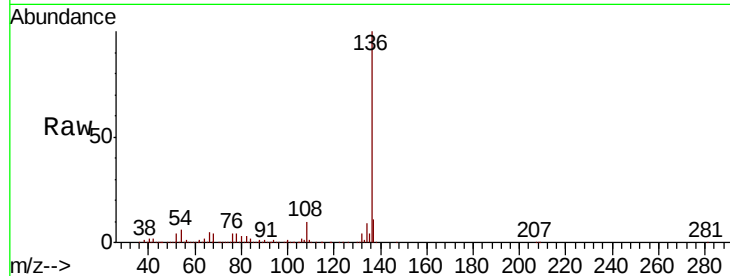
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	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#

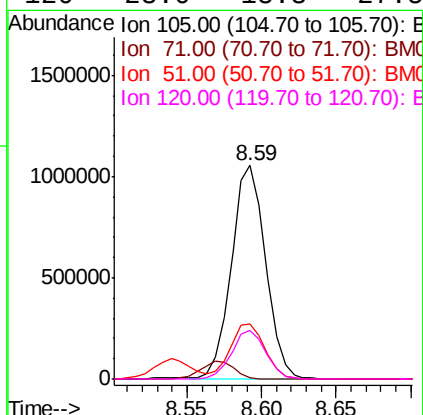
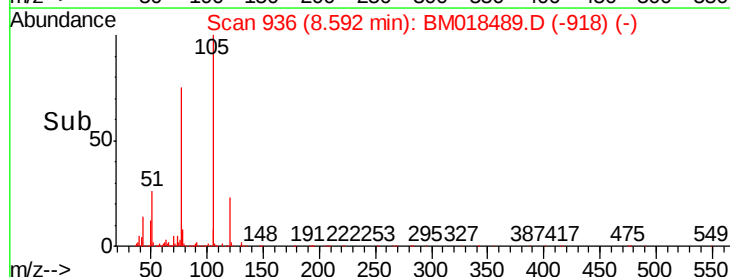
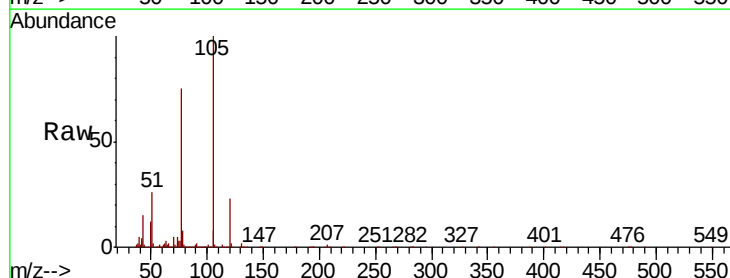
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#22
Acetophenone
Concen: 29.610 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	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





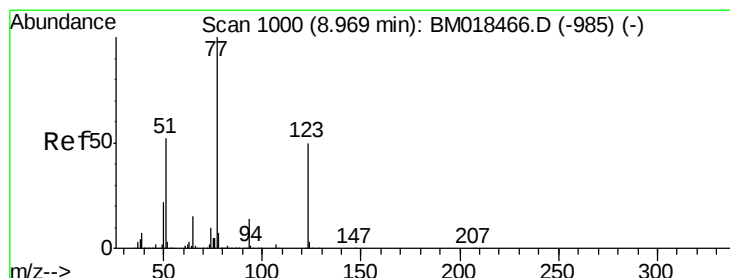
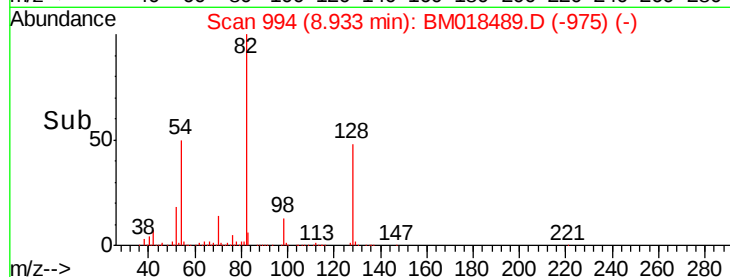
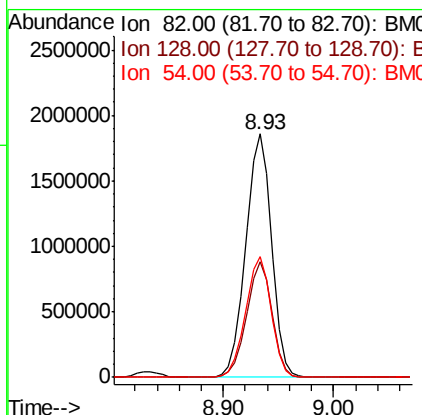
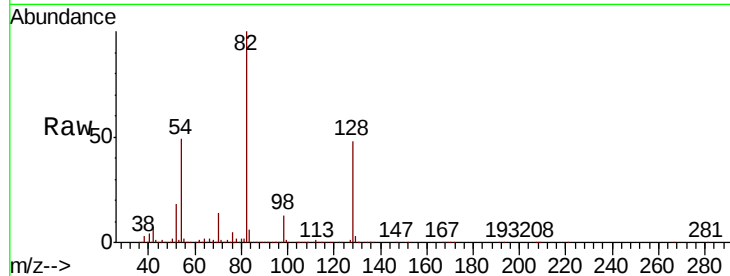
#23
 Nitrobenzene-d5
 Concen: 77.130 ng
 RT: 8.93 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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

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

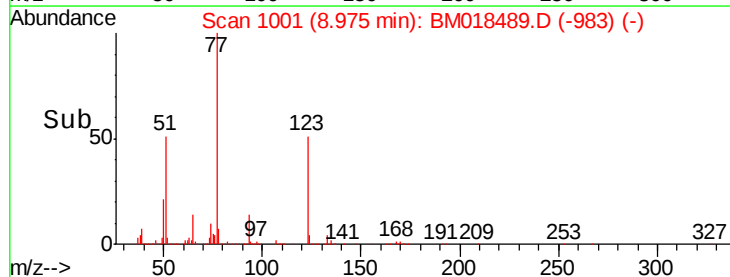
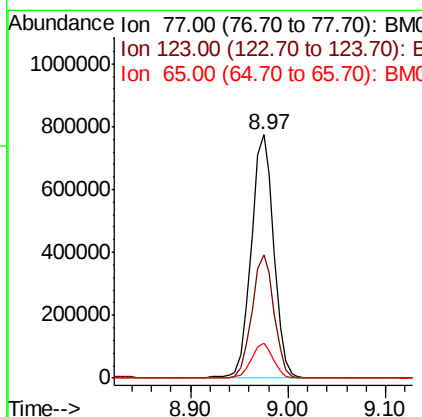
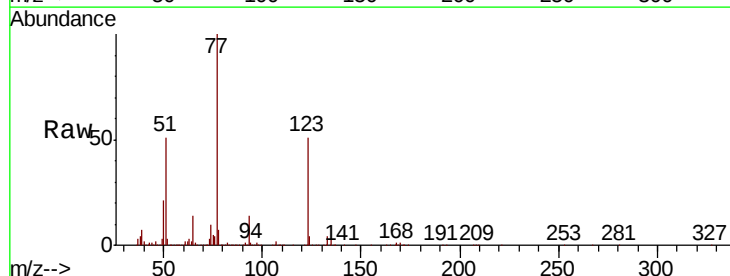
Manual Integrations
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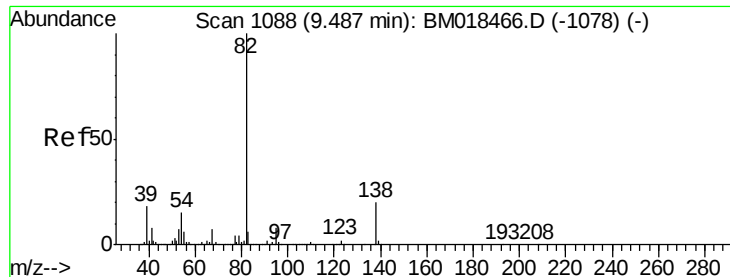
Sohil
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#24
 Nitrobenzene
 Concen: 32.355 ng
 RT: 8.97 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

Tgt Ion	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

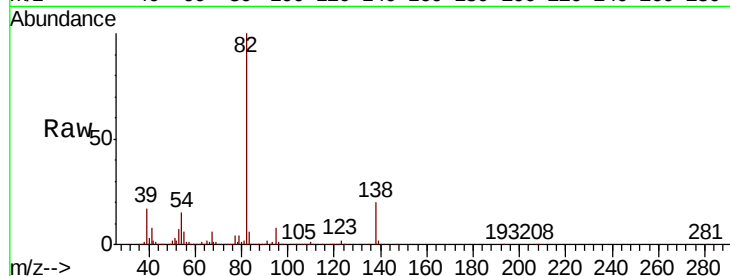
ClientSampleId :

SUP-3B-C-1-010819MSD

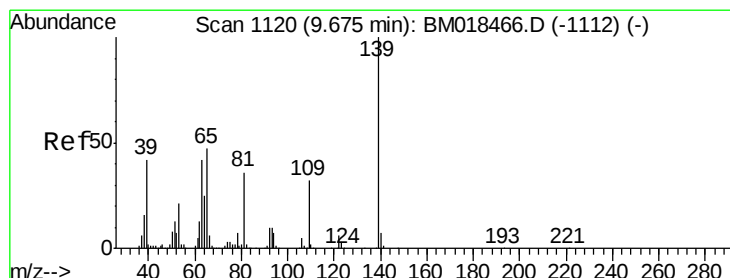
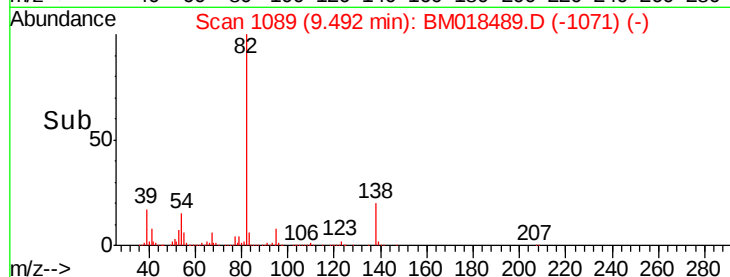
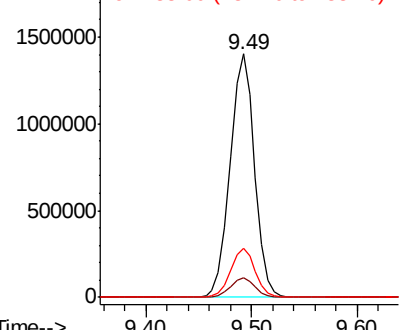
Tot Ion:	82	Resp:	2246102
Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.1	9.1
138	20.3	15.1	22.7

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 36.453 ng

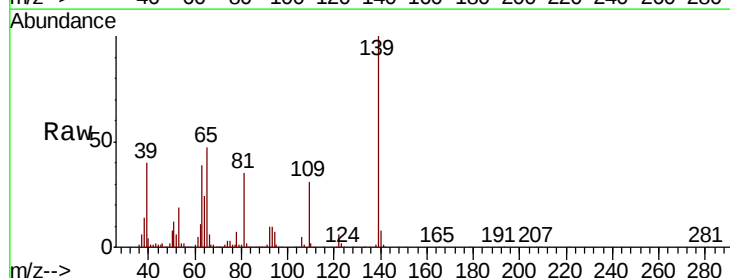
RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

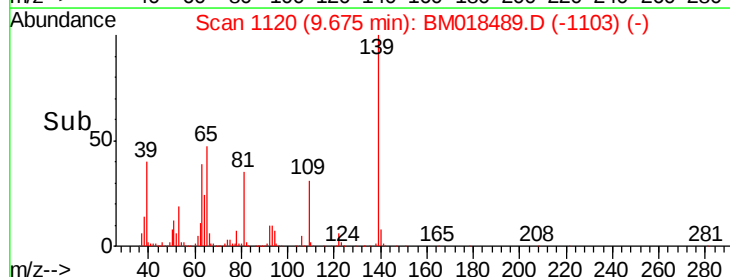
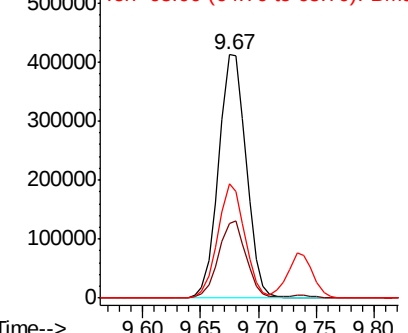
Lab File: BM018489.D

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): BM018466.D (-1112) (-)





#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

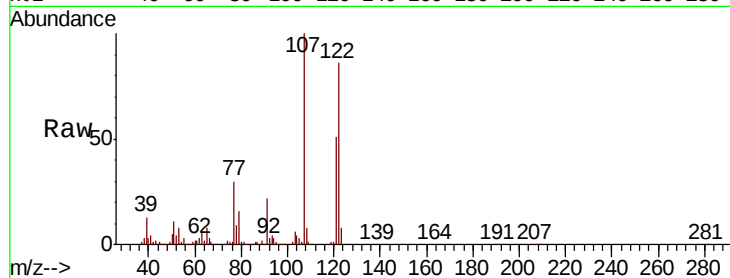
121 59.0 47.5 71.3

Manual Integrations

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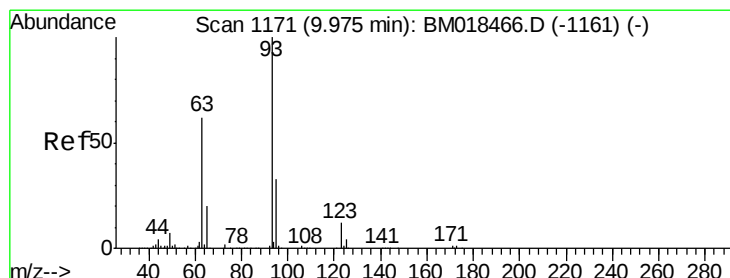
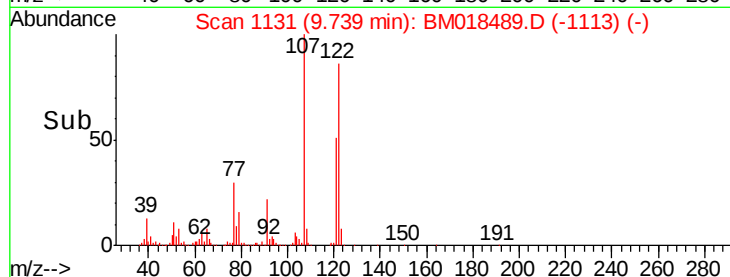
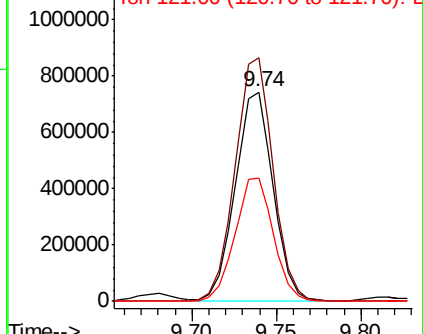
1/10/2019 3:12:10 PM



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

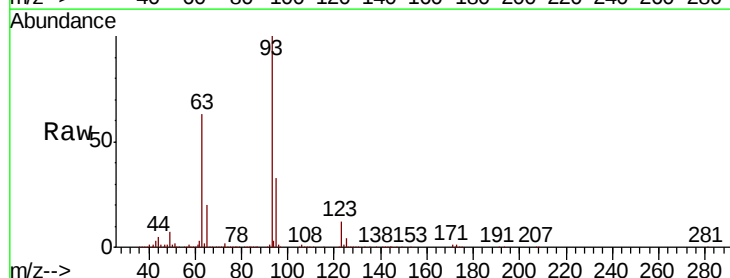
Tgt Ion: 93 Resp: 1361551

Ion Ratio Lower Upper

93 100

95 32.6 26.6 39.8

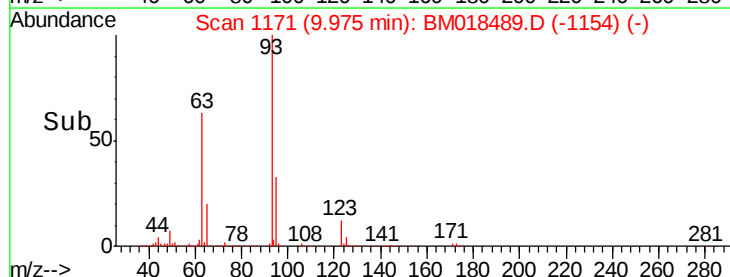
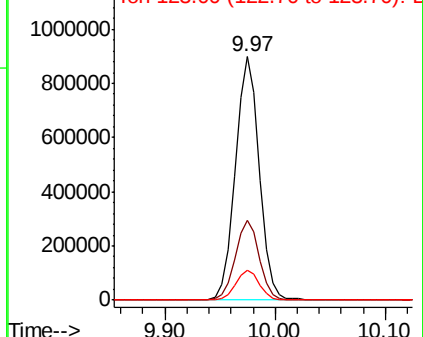
123 12.4 9.9 14.9



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





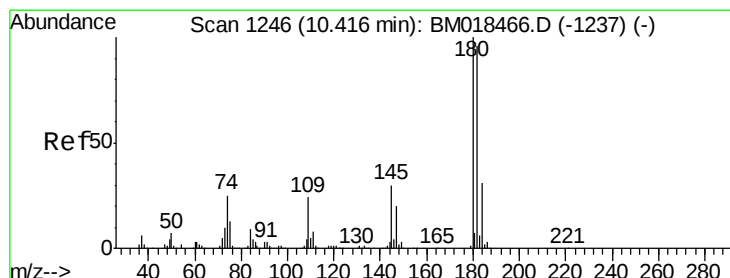
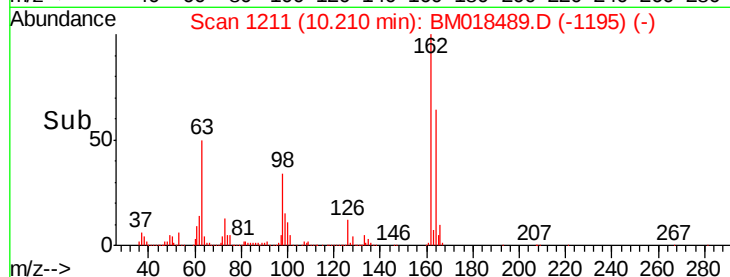
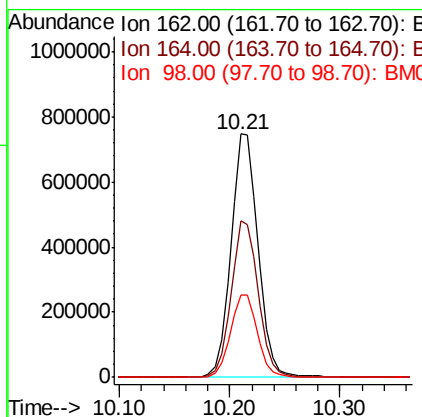
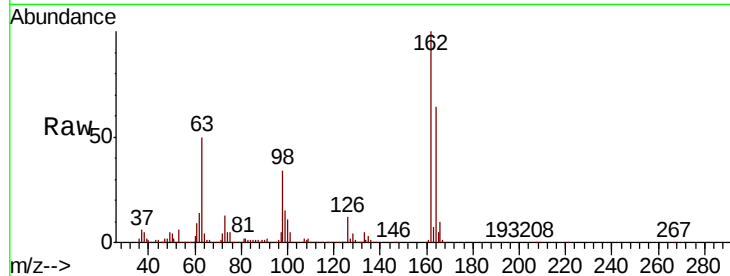
#29
 2,4-Dichlorophenol
 Concen: 38.308 ng
 RT: 10.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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

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

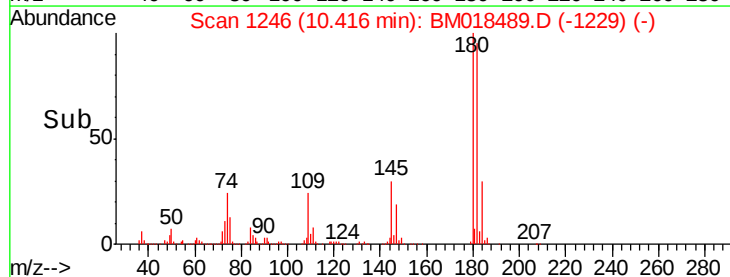
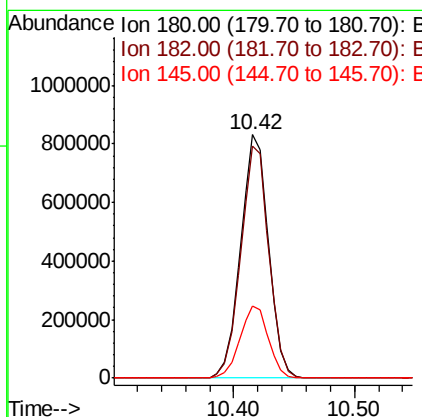
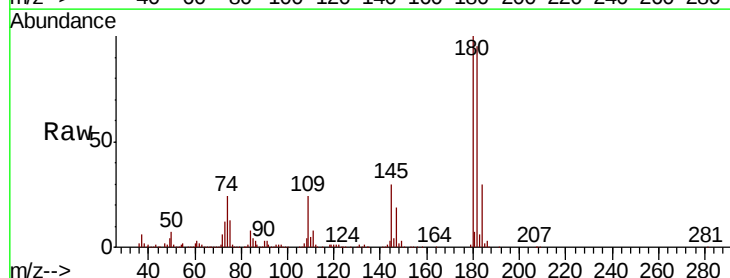
Manual Integrations
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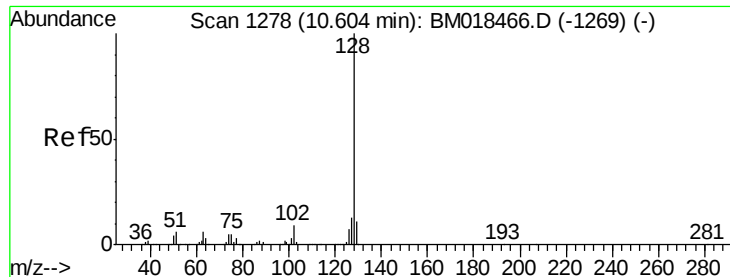
Sohil
 1/10/2019 3:12:10 PM



#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	Ion	Ratio	Lower	Upper
180	100			
182	95.4	77.4	116.2	
145	29.8	24.6	37.0	





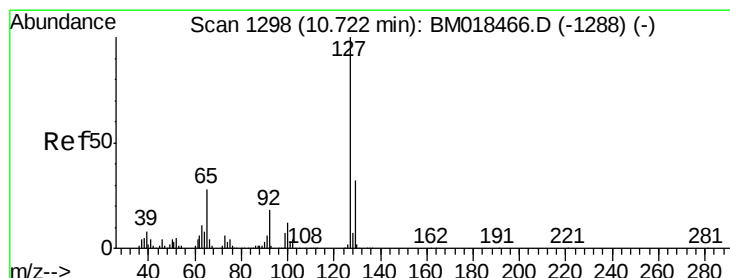
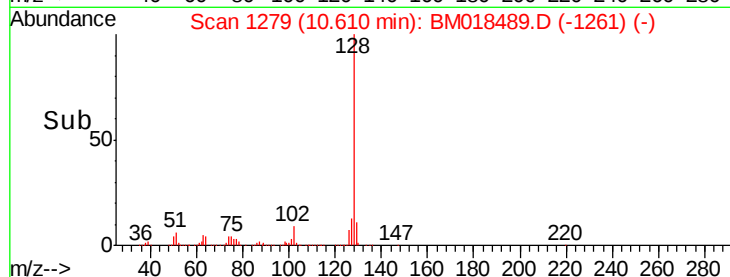
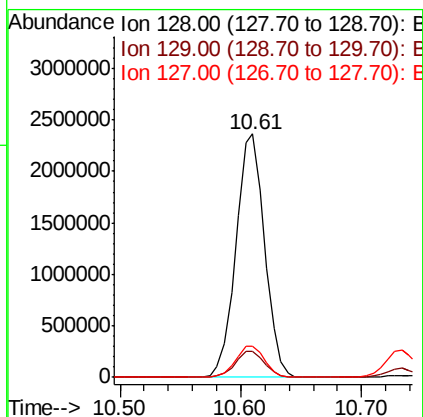
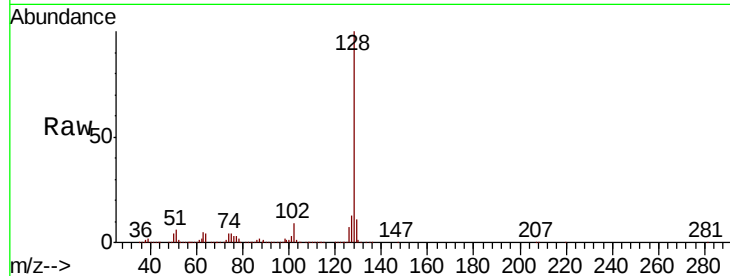
#31
Naphthalene
Concen: 35.353 ng
RT: 10.61 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.0	10.8	16.2

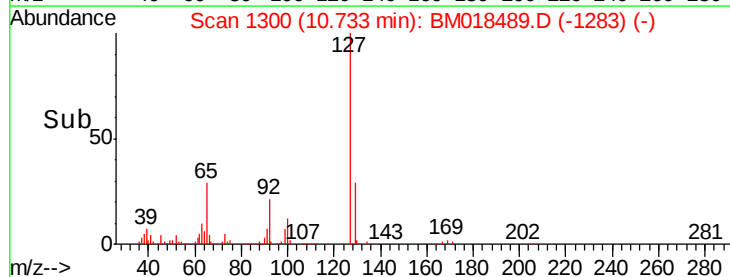
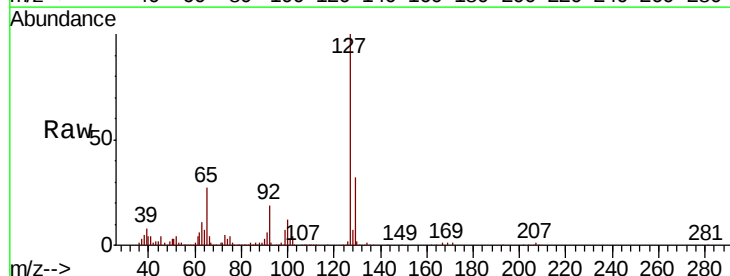
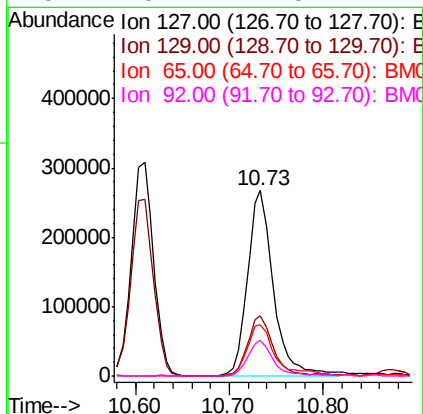
Manual Integrations
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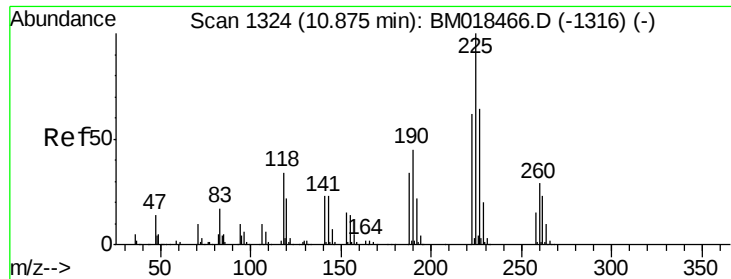
Sohil
1/10/2019 3:12:10 PM



#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

Tgt 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





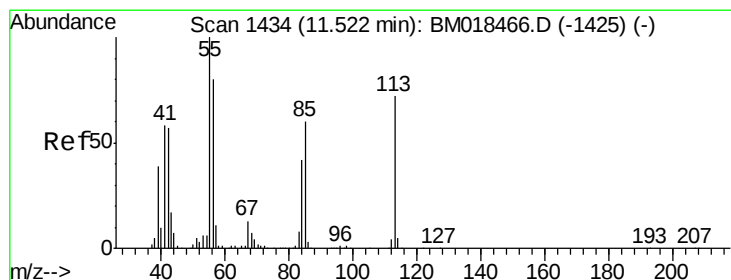
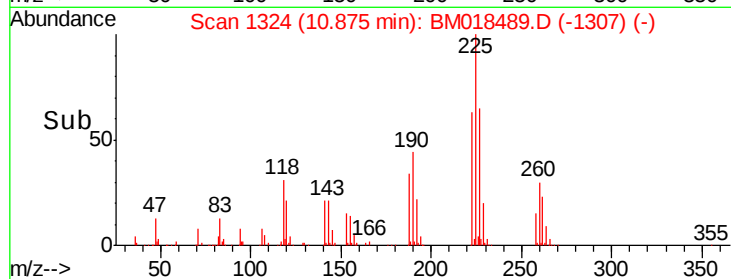
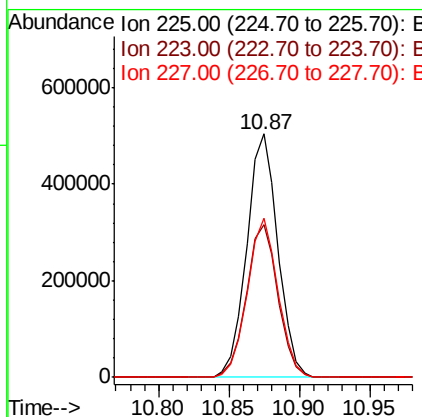
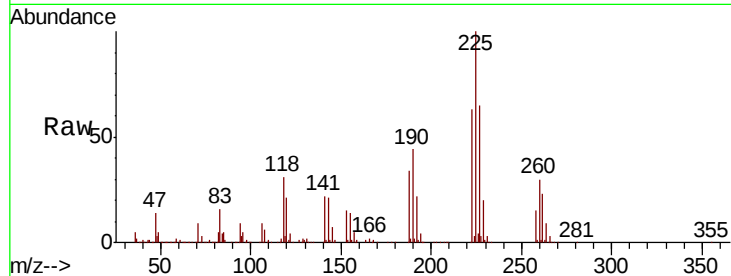
#34
Hexachlorobutadiene
Concen: 29.598 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.8	76.2
227	65.5	50.4	75.6

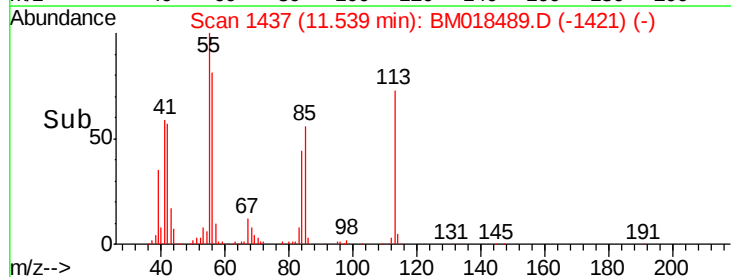
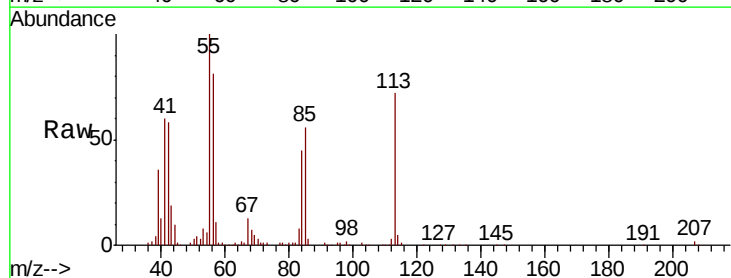
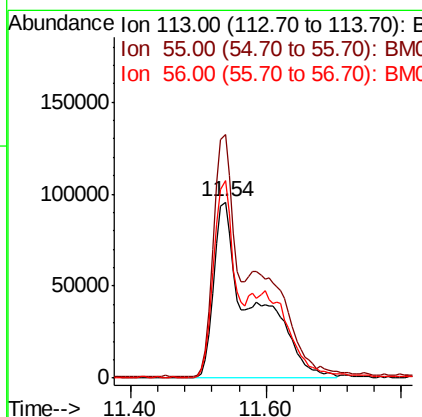
Manual Integrations
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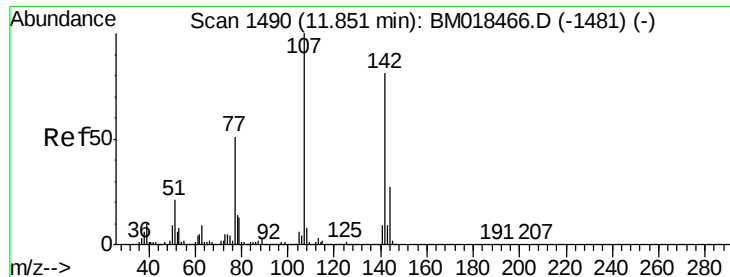
Sohil
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#35
Caprolactam
Concen: 33.314 ng m
RT: 11.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Lower	Upper
113	100		
55	138.3	139.3	179.3#
56	111.9	101.4	141.4





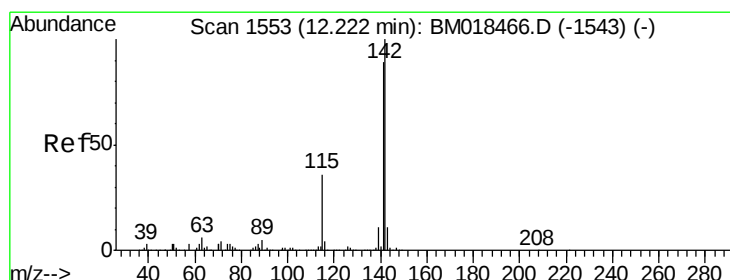
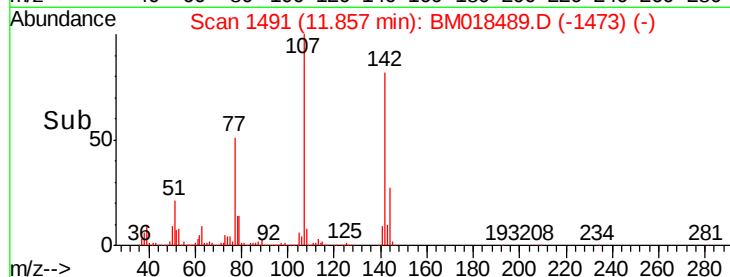
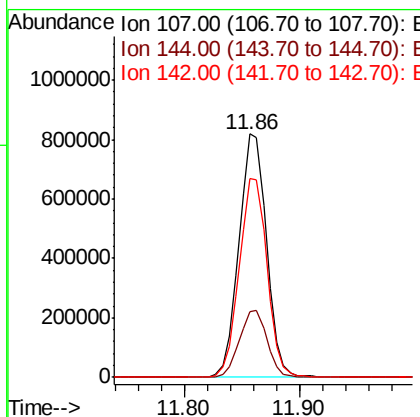
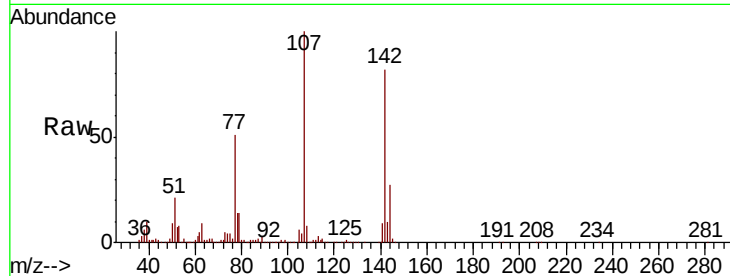
#36
4-Chloro-3-methylphenol
Concen: 38.578 ng
RT: 11.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.9	32.9
142	81.7	67.9	101.9

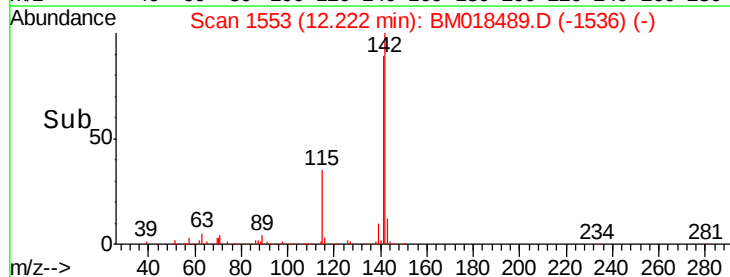
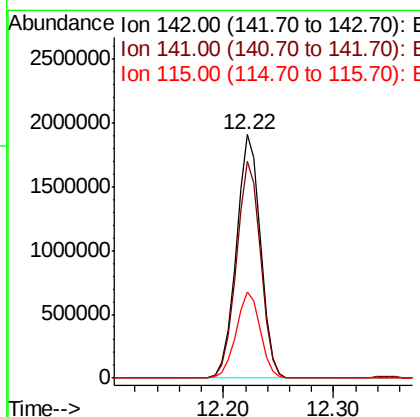
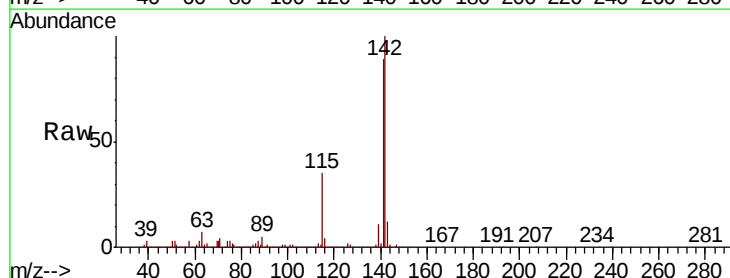
Manual Integrations
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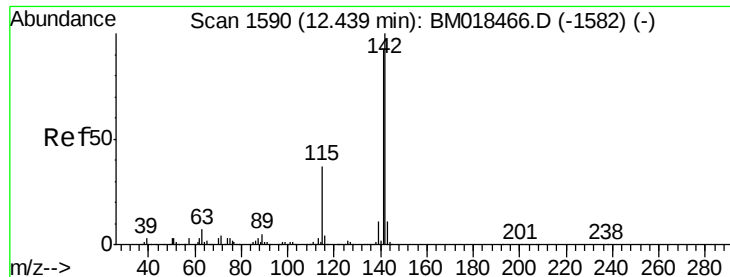
Sohil
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#37
2-Methylnaphthalene
Concen: 37.583 ng
RT: 12.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	35.2	28.0	42.0





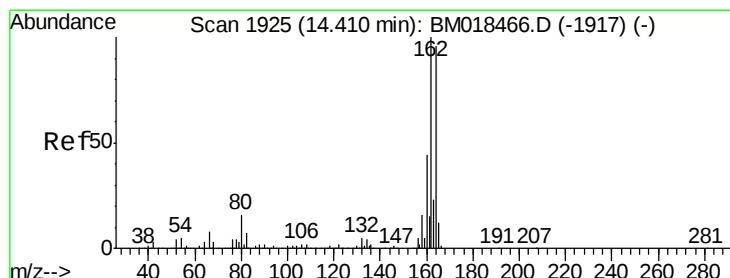
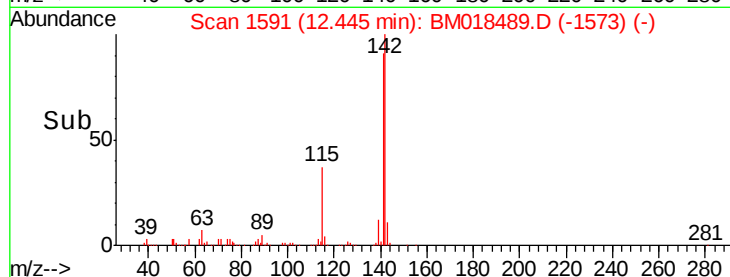
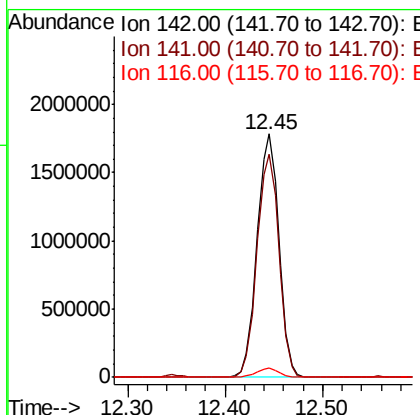
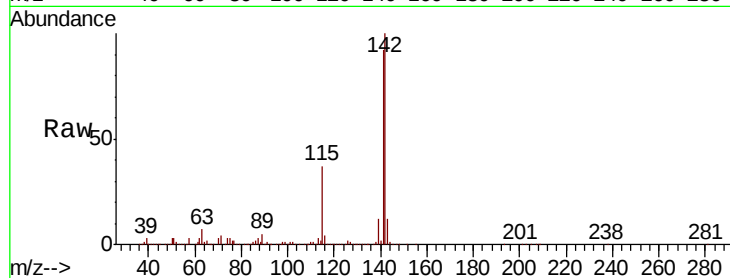
#38
1-Methylnaphthalene
Concen: 36.894 ng
RT: 12.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.6	113.4
116	3.9	3.0	4.6

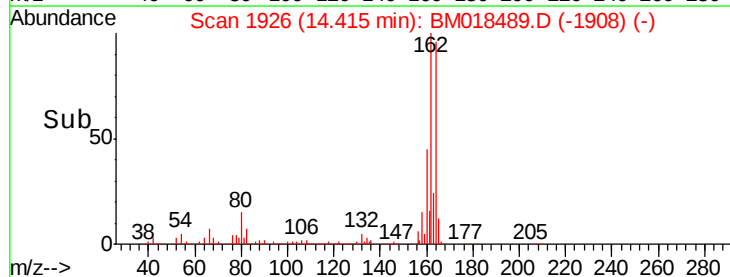
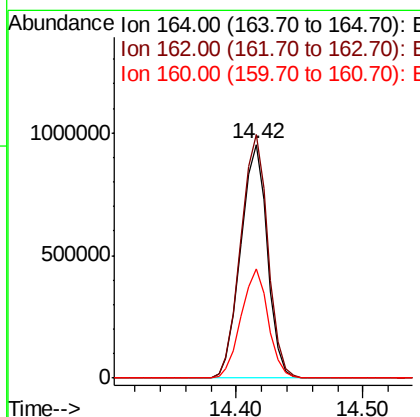
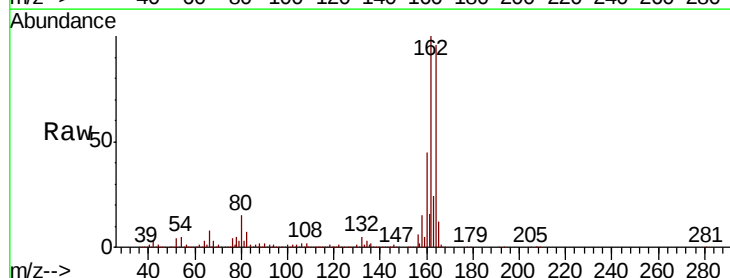
Manual Integrations
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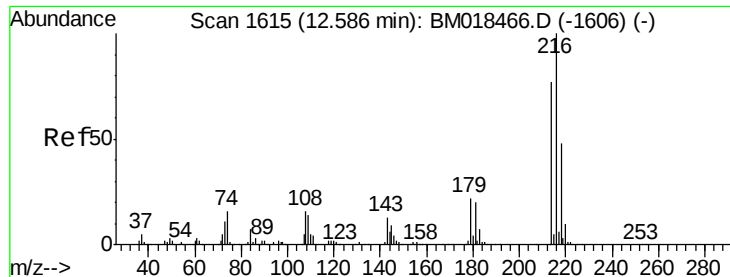
Sohil
1/10/2019 3:12:10 PM



#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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.4
160	46.9	37.1	55.7





#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

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:216 Resp: 1528948

Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

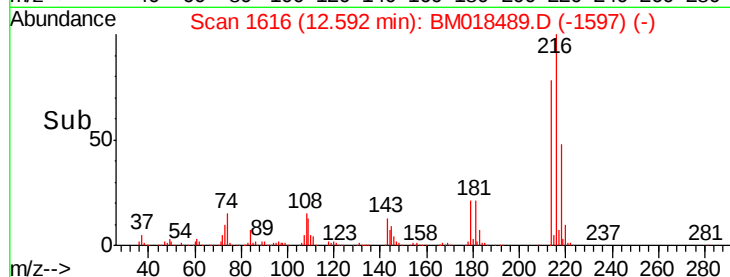
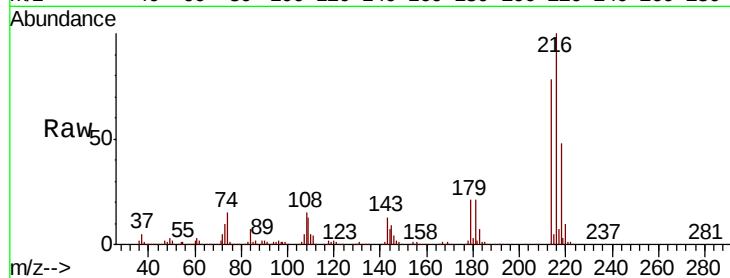
179 21.9 17.9 26.9

108 16.1 15.8 23.6

Manual Integrations
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1/10/2019 3:12:10 PM

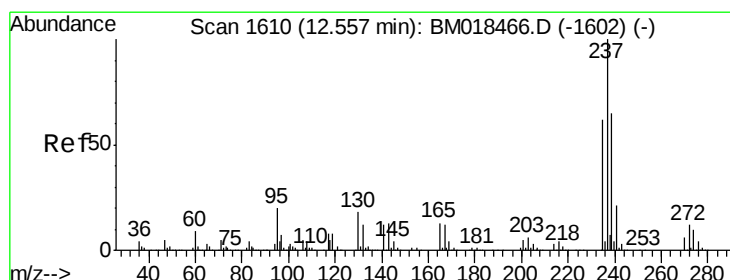
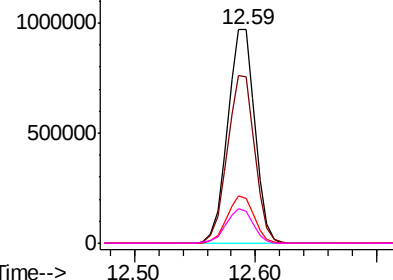


Abundance Ion 216.00 (215.70 to 216.70): E

1500000 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

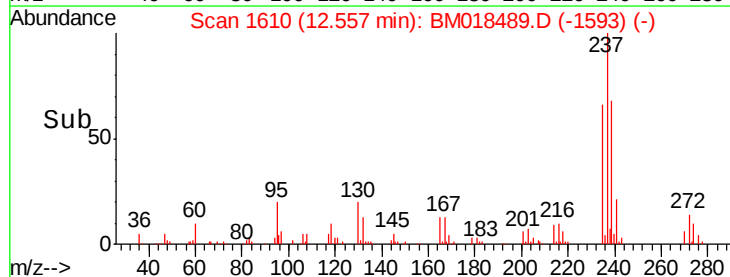
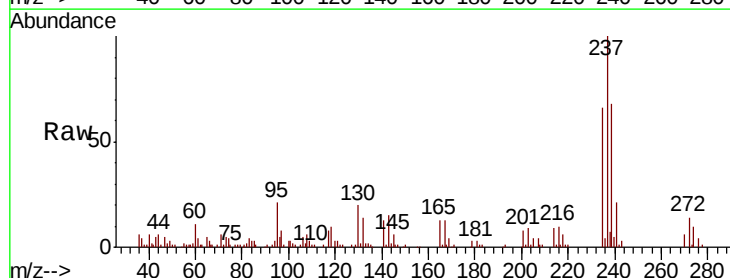
Tgt Ion:237 Resp: 106046

Ion Ratio Lower Upper

237 100

235 66.1 42.8 82.8

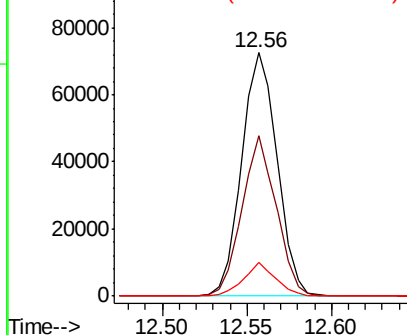
272 14.0 0.0 31.9

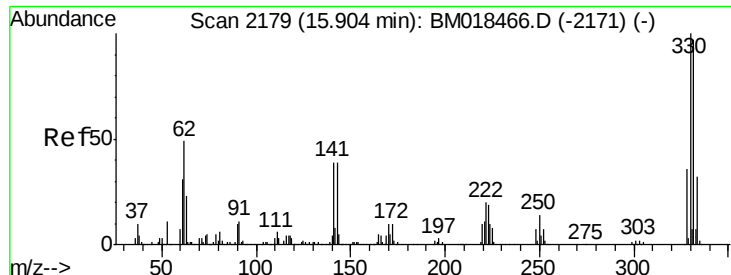


Abundance Ion 236.80 (236.50 to 237.50): E

100000 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

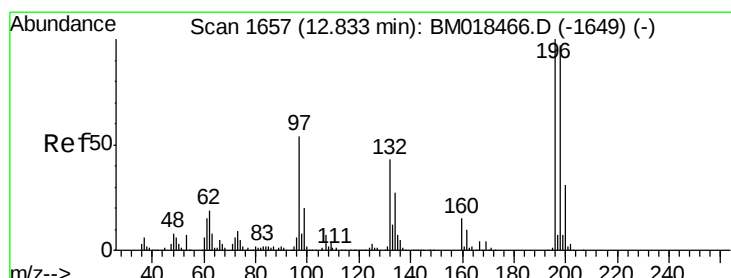
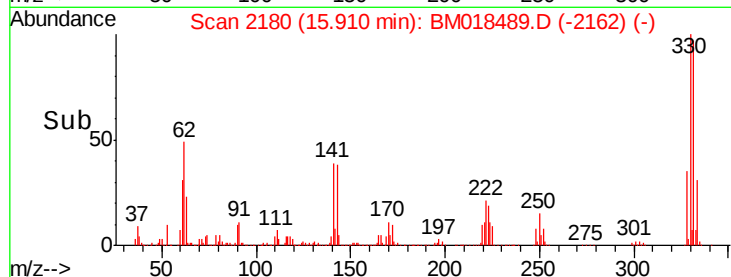
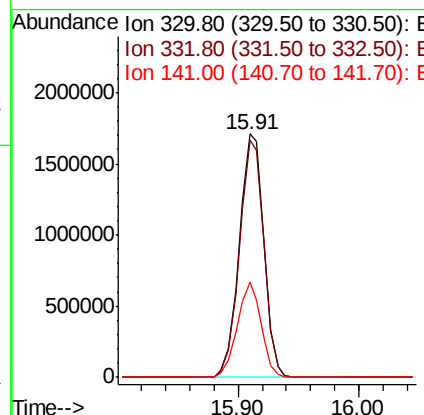
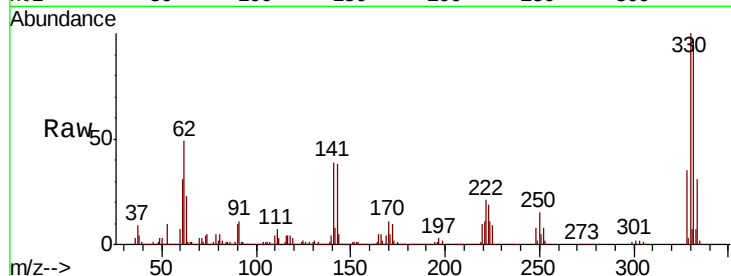
Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819MSD

Tot Ion:330 Resp: 2420972

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	37.9	31.7	47.5

Manual Integrations
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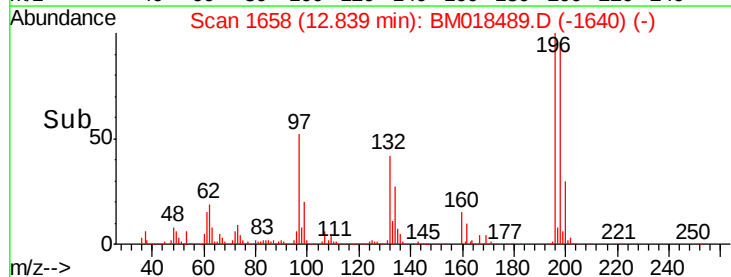
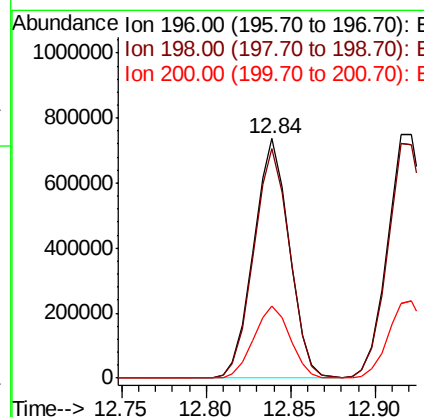
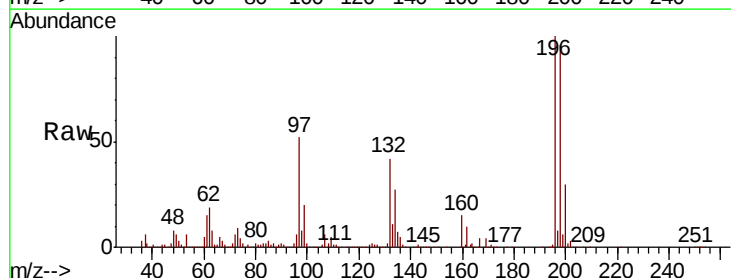
Sohil
 1/10/2019 3:12:10 PM

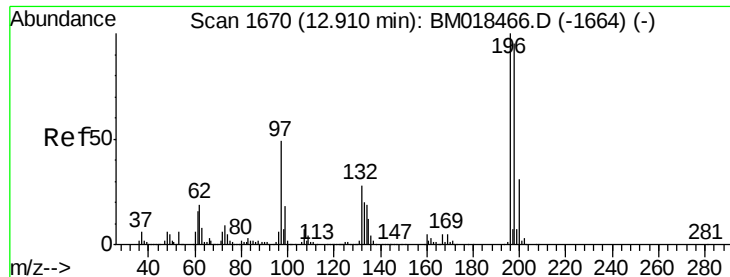


#43
 2,4,6-Trichlorophenol
 Concen: 36.848 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. 0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

Tgt Ion:196 Resp: 1084351

Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.6	115.0
200	30.2	24.2	36.4





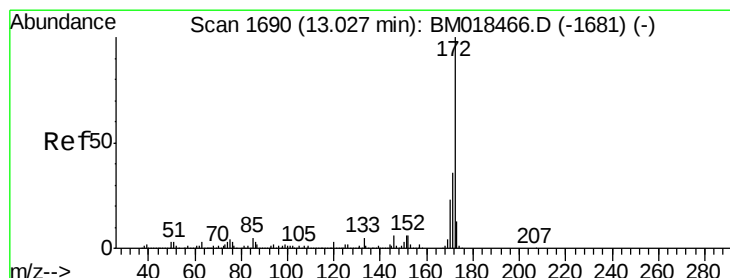
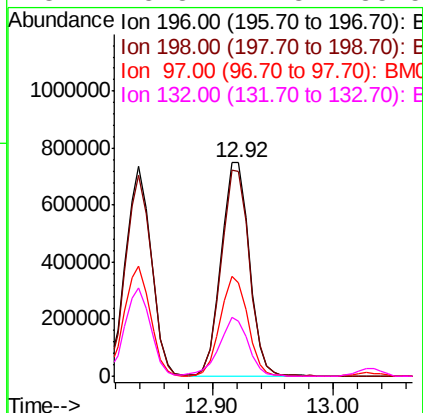
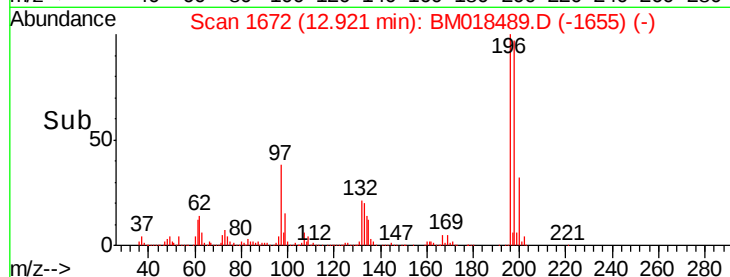
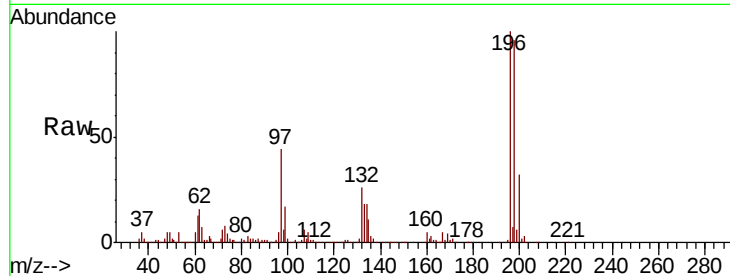
#44
 2,4,5-Trichlorophenol
 Concen: 38.892 ng
 RT: 12.92 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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

Tot 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

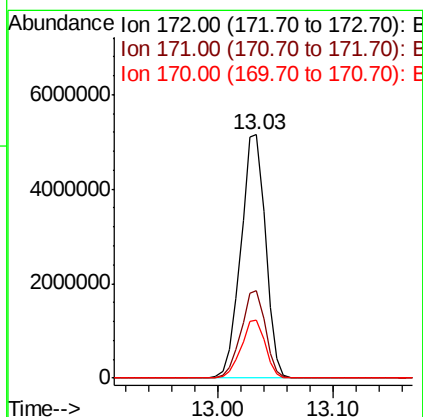
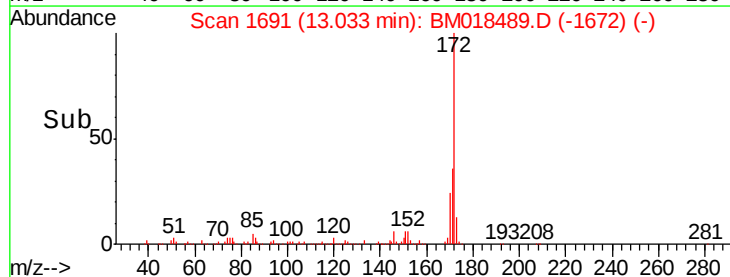
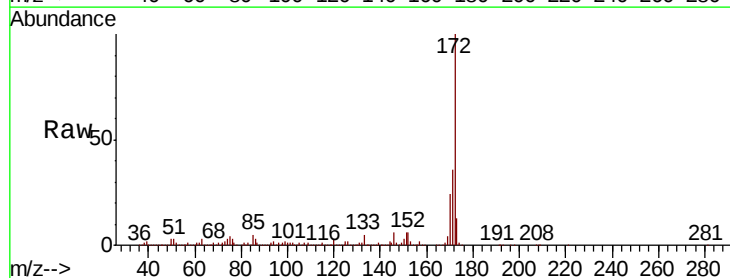
Manual Integrations
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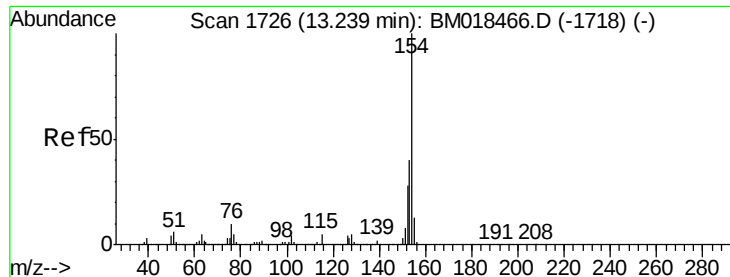
Sohil
 1/10/2019 3:12:10 PM



#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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.4
170	23.6	18.9	28.3





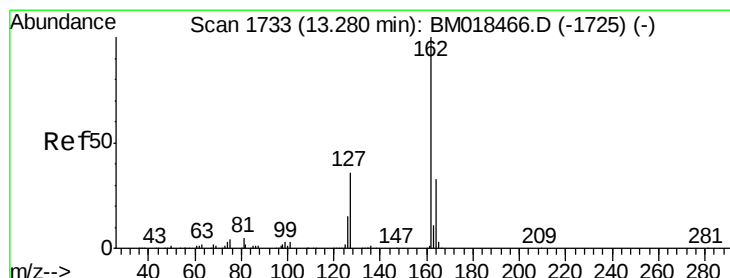
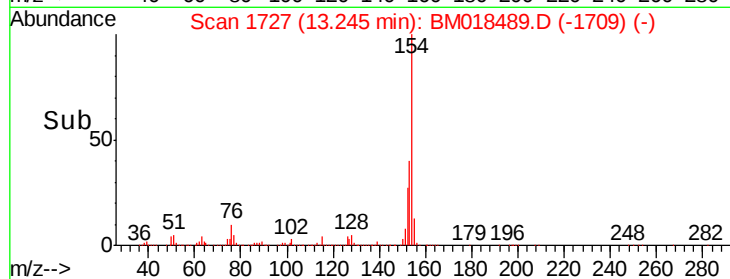
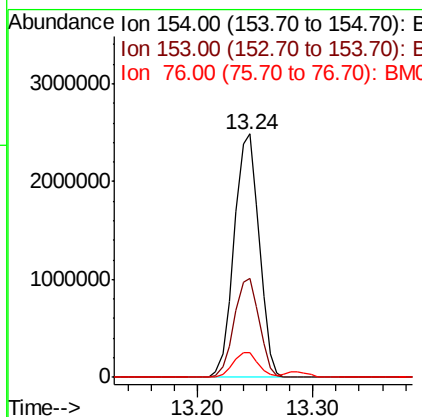
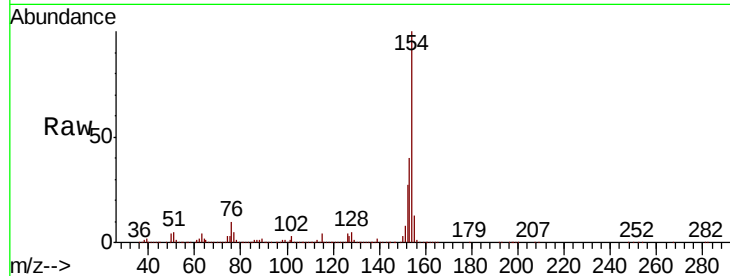
#46
 1,1'-Biphenyl
 Concen: 30.794 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. 0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	10.0	0.0	31.9

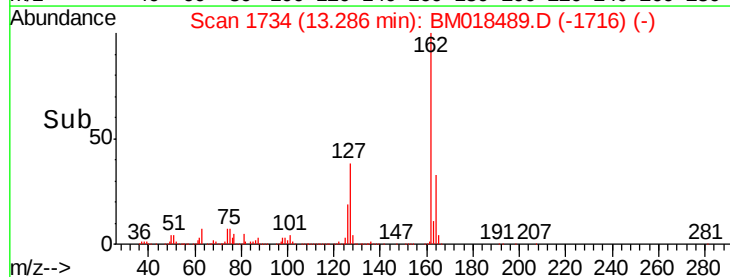
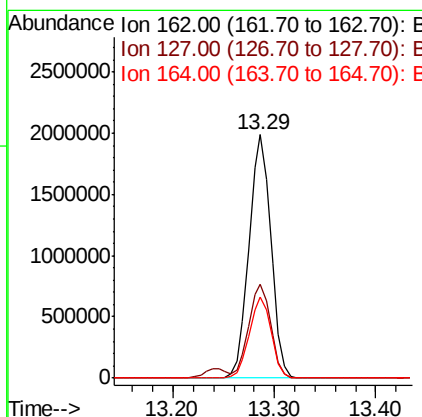
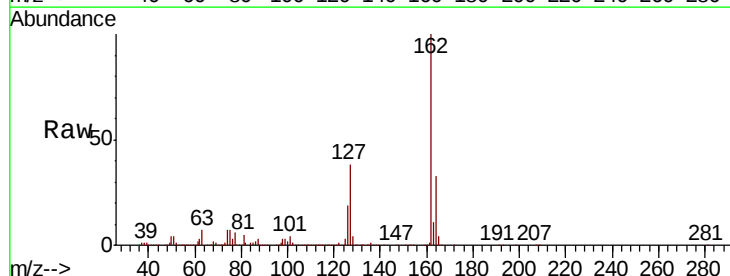
Manual Integrations
 APPROVED

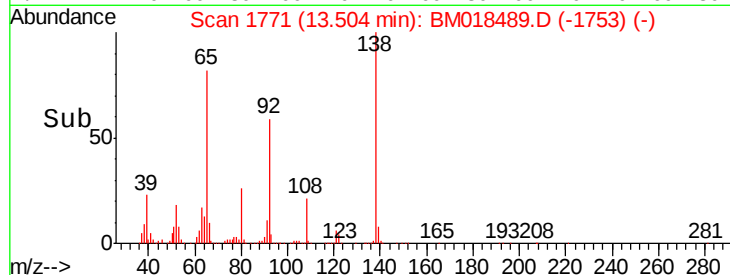
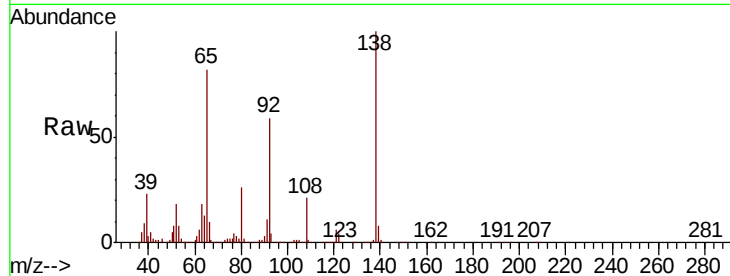
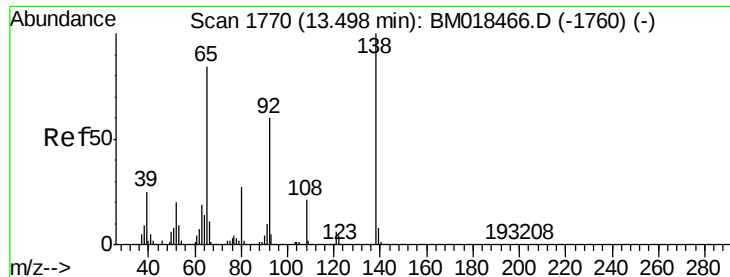
Sohil
 1/10/2019 3:12:10 PM



#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

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





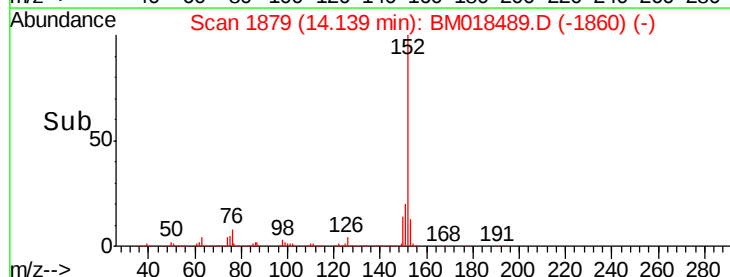
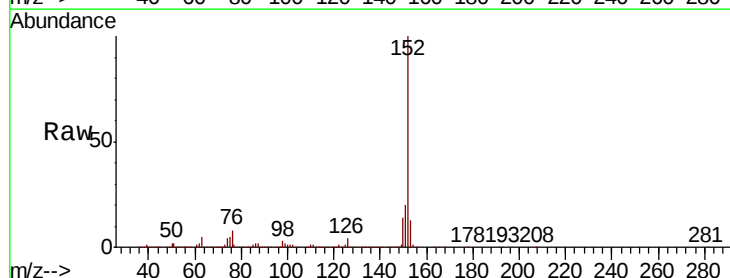
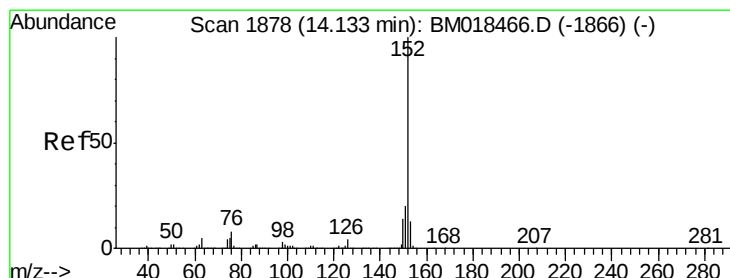
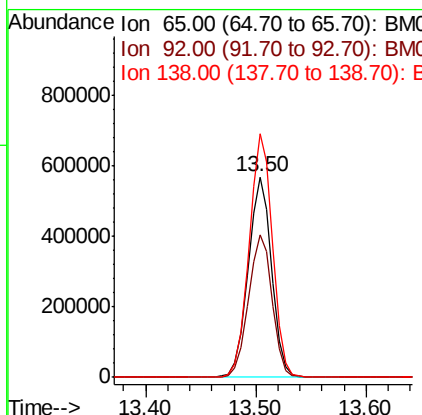
#48
2-Nitroaniline
Concen: 36.615 ng
RT: 13.50 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

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

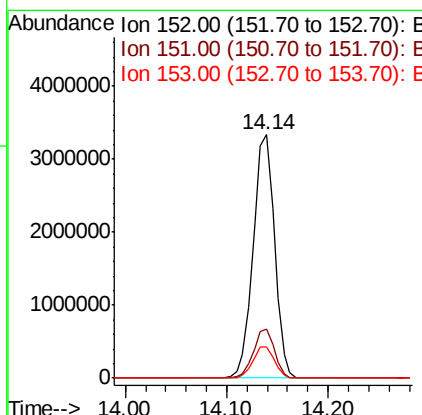
Manual Integrations
APPROVED

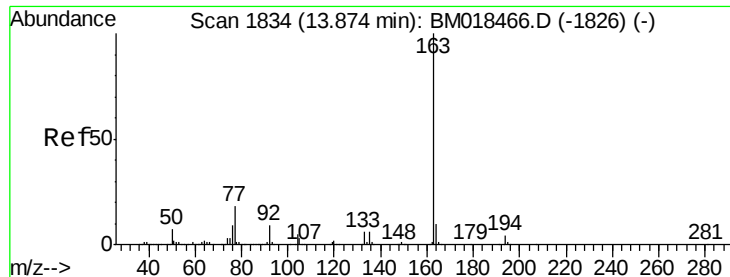
Sohil
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#49
Acenaphthylene
Concen: 35.926 ng
RT: 14.14 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	12.7	10.5	15.7





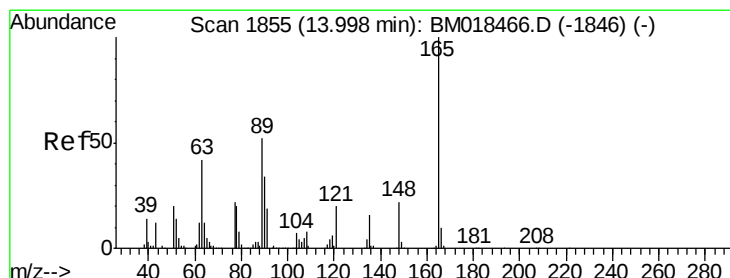
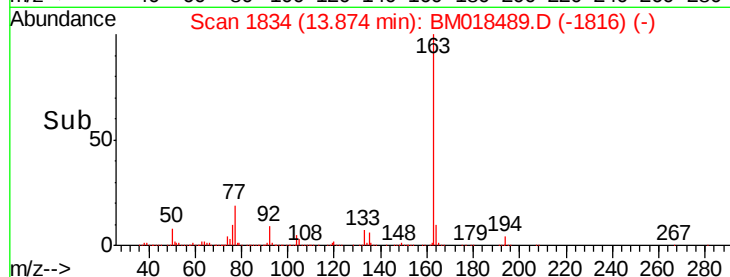
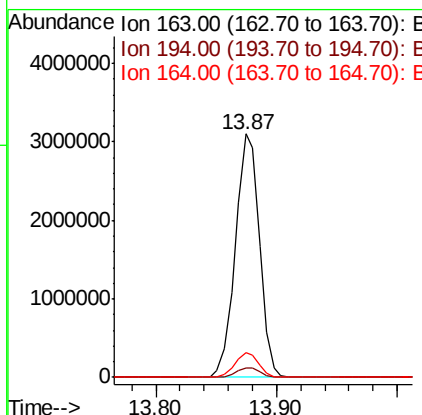
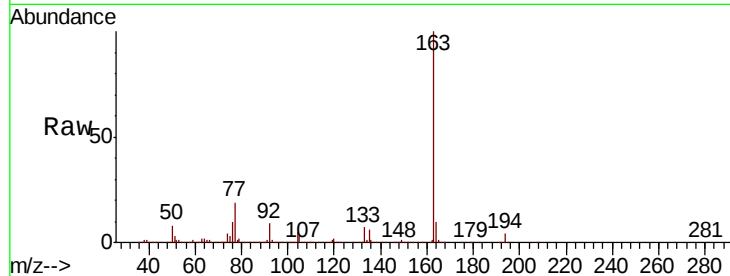
#50
Dimethylphthalate
Concen: 37.820 ng
RT: 13.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion:163 Resp: 4304235
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 7.8 11.8

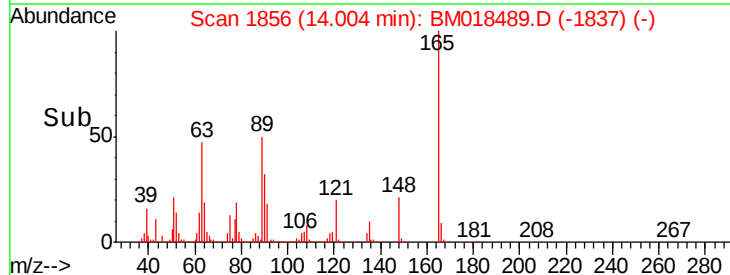
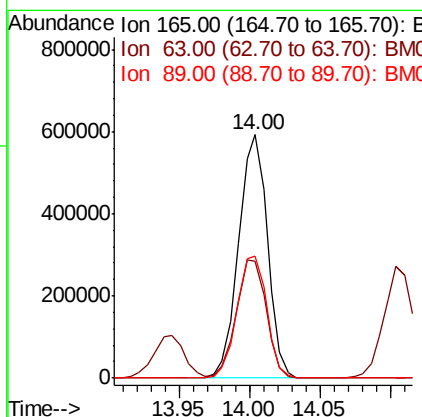
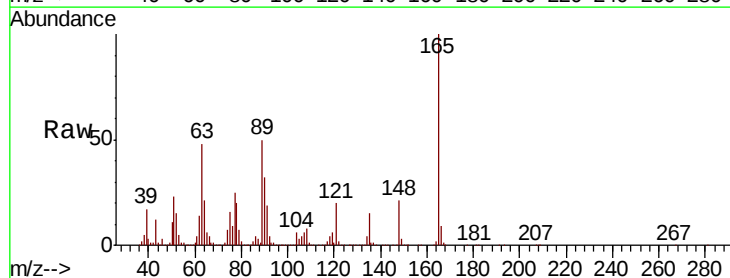
Manual Integrations
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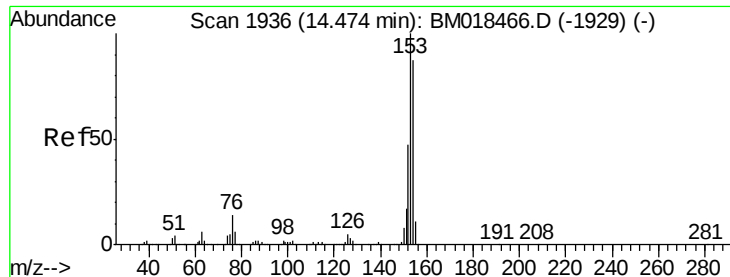
Sohil
1/10/2019 3:12:10 PM



#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

Tgt 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

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:154 Resp: 2829539

Ion Ratio Lower Upper

154 100

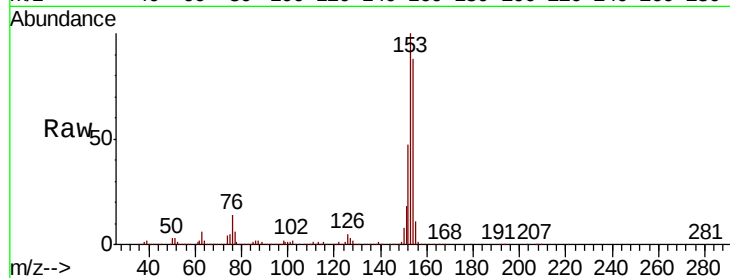
153 114.1 92.3 138.5

152 53.2 43.8 65.6

Manual Integrations
APPROVED

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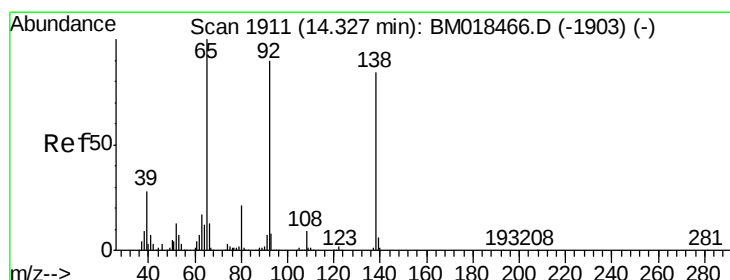
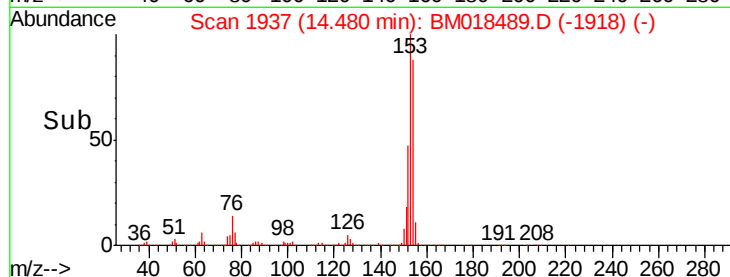
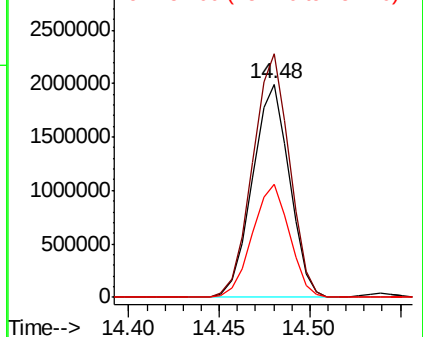


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#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

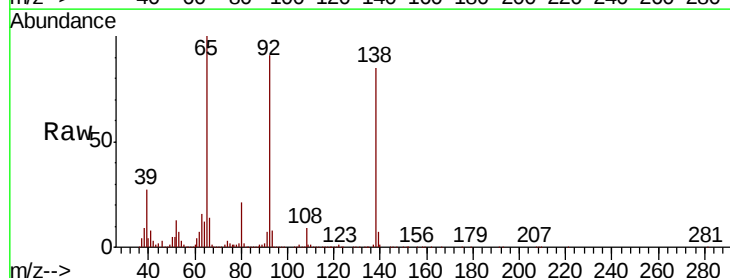
Tgt Ion:138 Resp: 689256

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

92 107.7 88.2 132.2

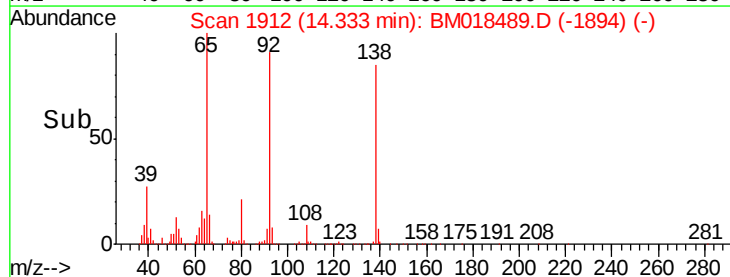
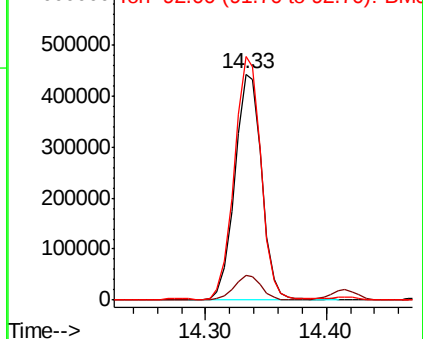


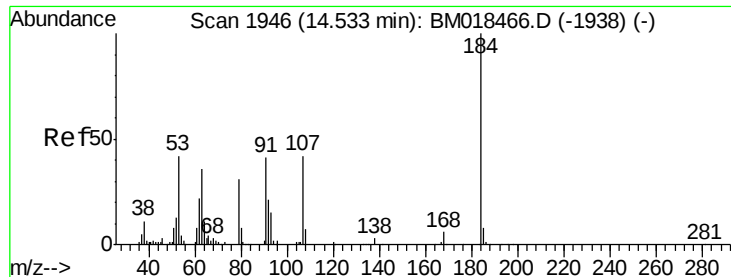
Abundance

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): E





#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

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:184 Resp: 75472

Ion Ratio Lower Upper

184 100

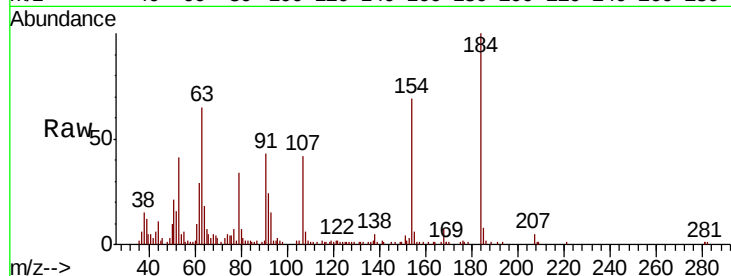
63 64.7 55.9 83.9

154 69.4 54.2 81.4

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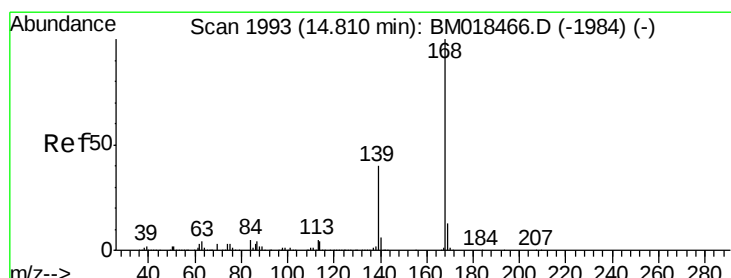
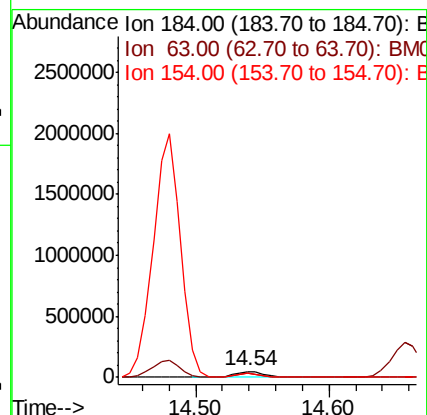
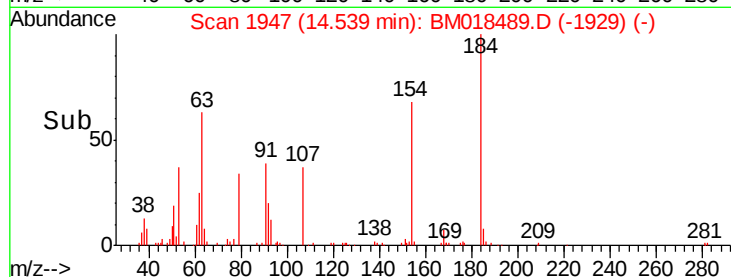
1/10/2019 3:12:10 PM



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

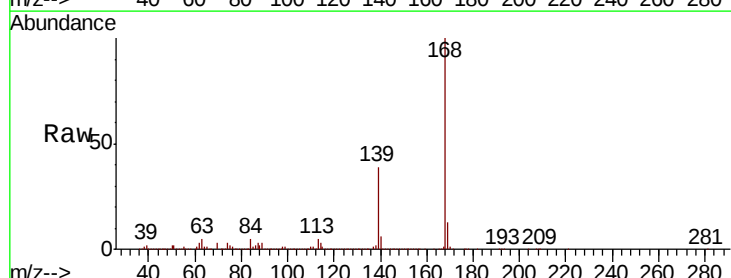
Tgt Ion:168 Resp: 4602713

Ion Ratio Lower Upper

168 100

139 39.1 30.3 45.5

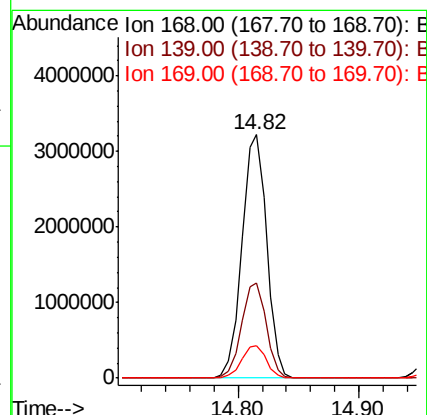
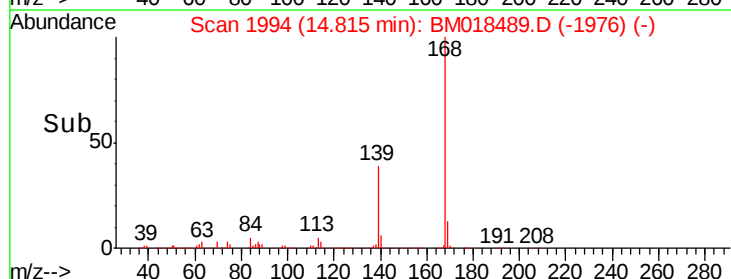
169 13.1 10.6 16.0

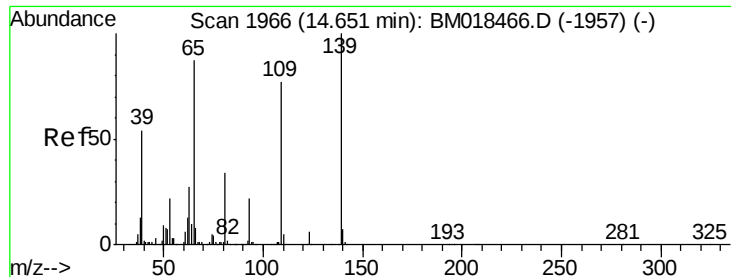


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





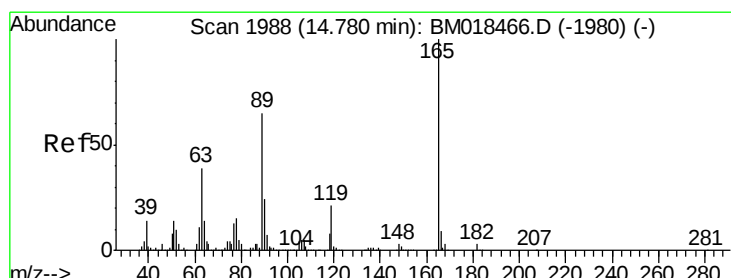
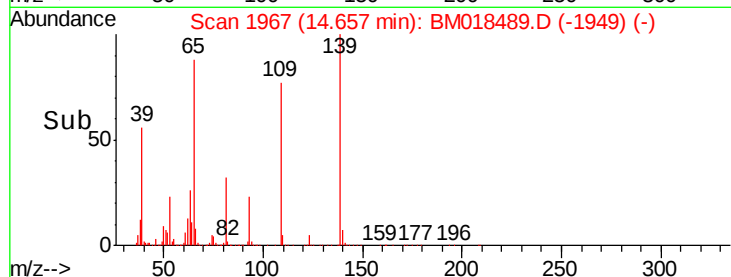
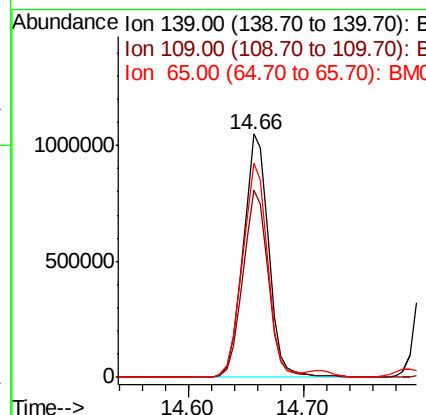
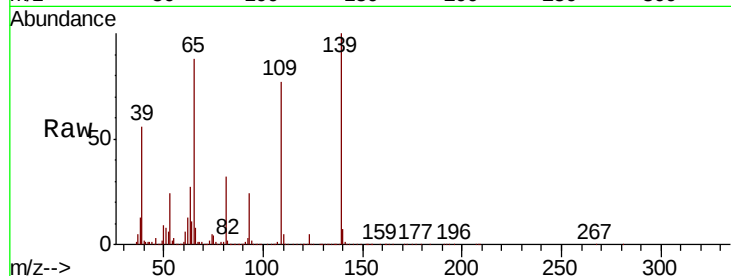
#56
4-Nitrophenol
Concen: 75.995 ng
RT: 14.66 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.7	51.7	91.7
65	87.8	71.4	111.4

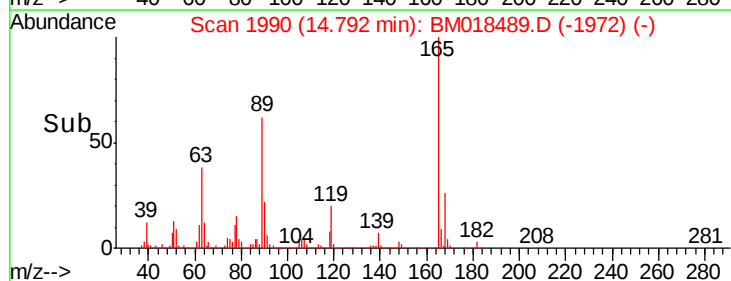
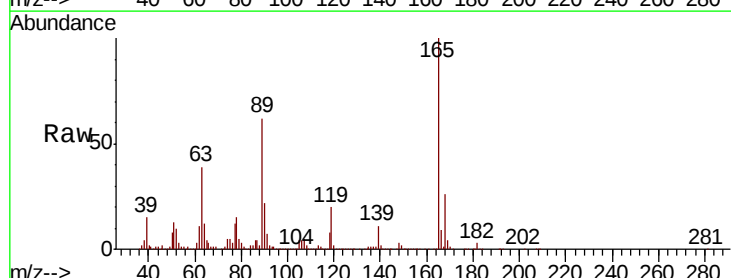
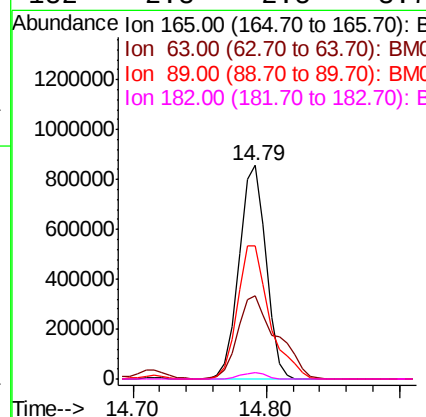
Manual Integrations
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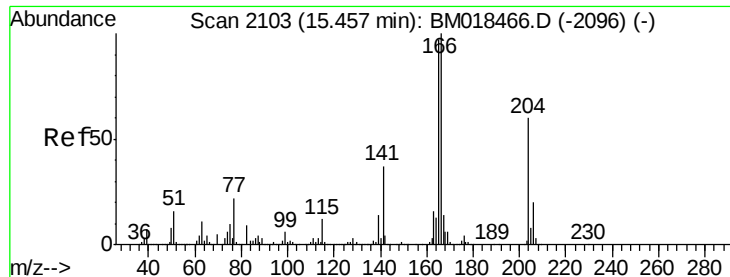
Sohil
1/10/2019 3:12:10 PM



#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

Tgt 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





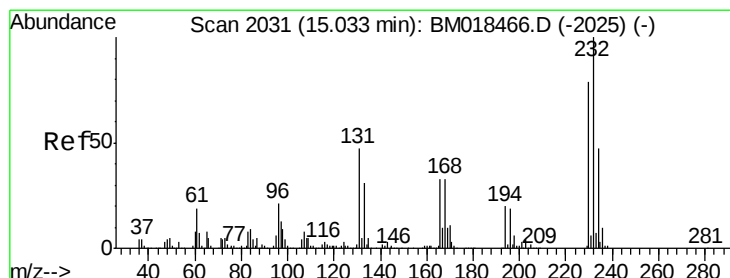
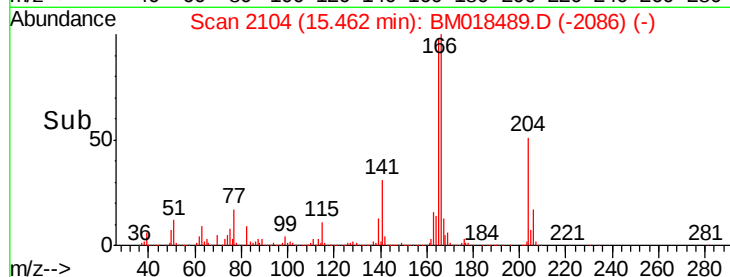
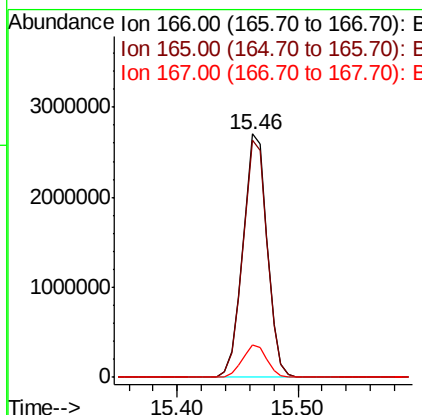
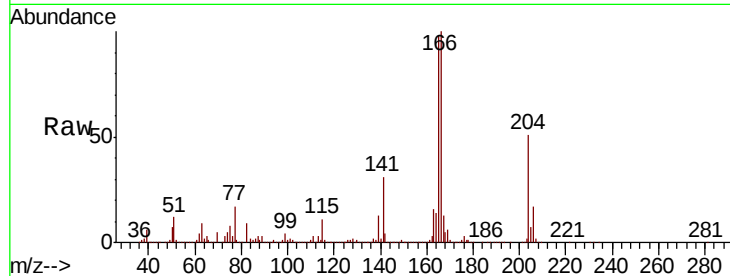
#58
 Fluorene
 Concen: 36.733 ng
 RT: 15.46 min Scan# 2104
 Delta R.T. 0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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

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

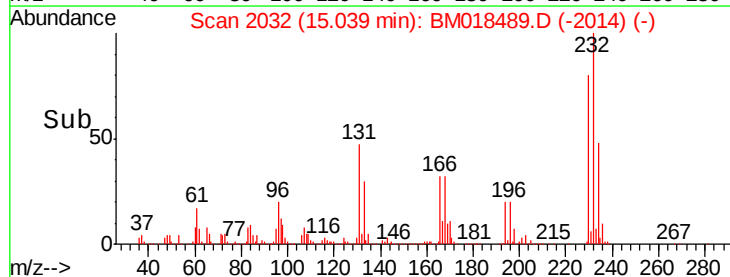
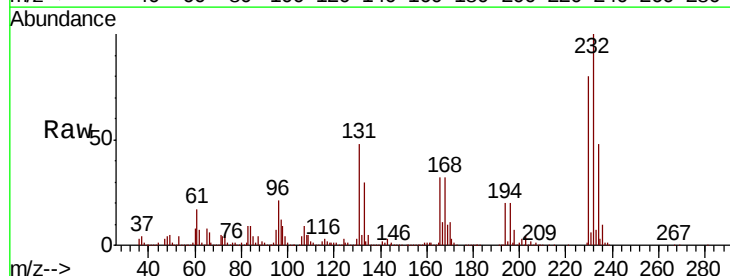
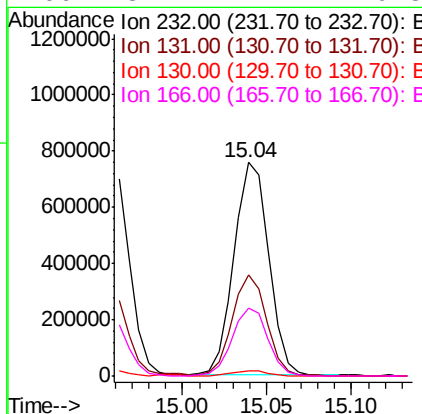
Manual Integrations
 APPROVED

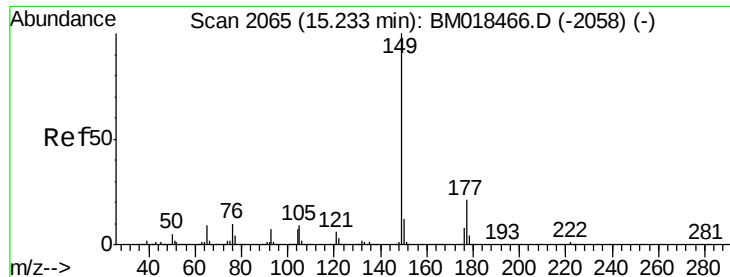
Sohil
 1/10/2019 3:12:10 PM



#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

Tgt 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





#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

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:149 Resp: 3834005

Ion Ratio Lower Upper

149 100

177 22.1 17.1 25.7

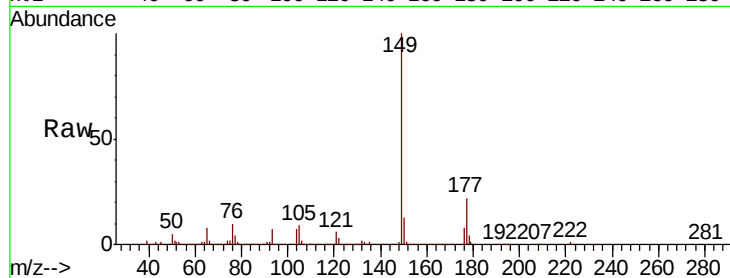
150 12.8 9.8 14.6

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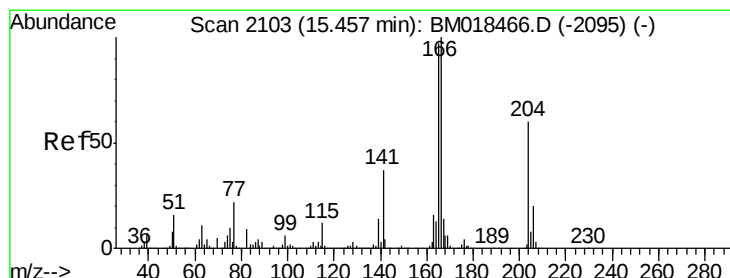
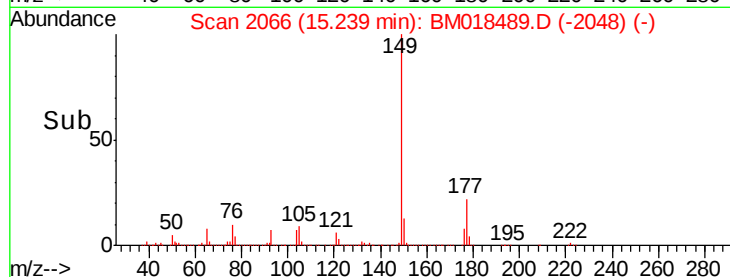
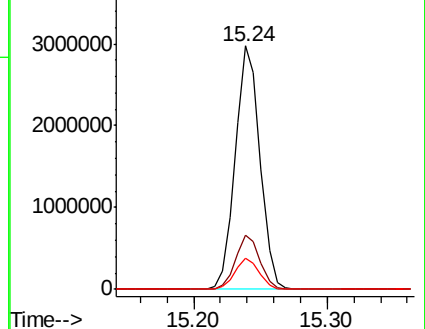
1/10/2019 3:12:10 PM



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

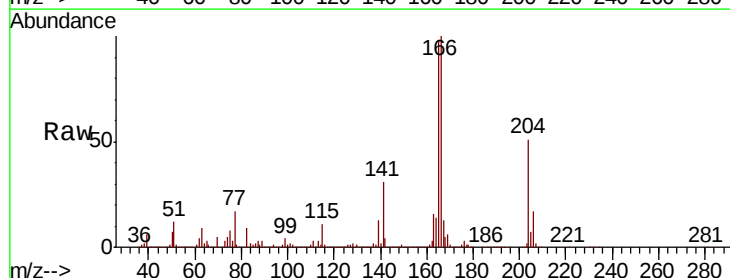
Tgt Ion:204 Resp: 1886567

Ion Ratio Lower Upper

204 100

206 32.6 25.8 38.6

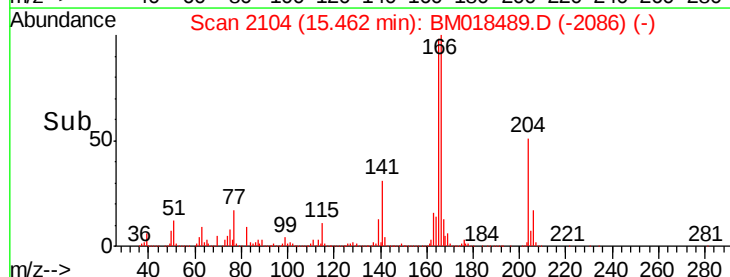
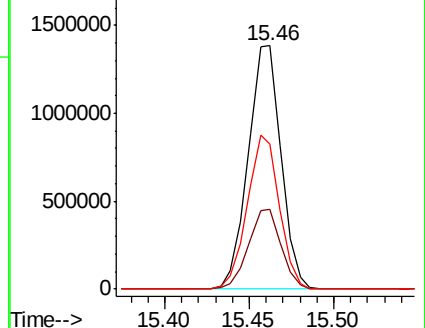
141 59.7 49.5 74.3

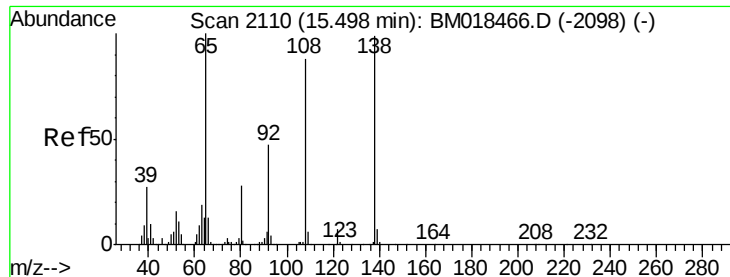


Abundance Ion 204.00 (203.70 to 204.70): E

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

Instrument :

BNA_M

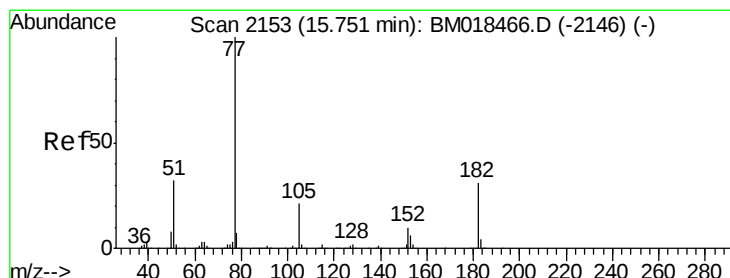
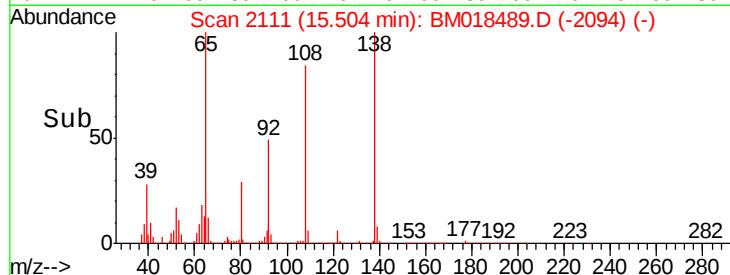
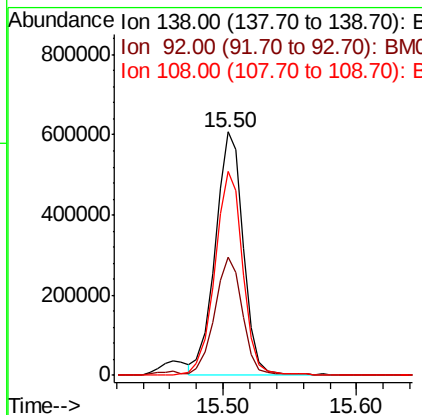
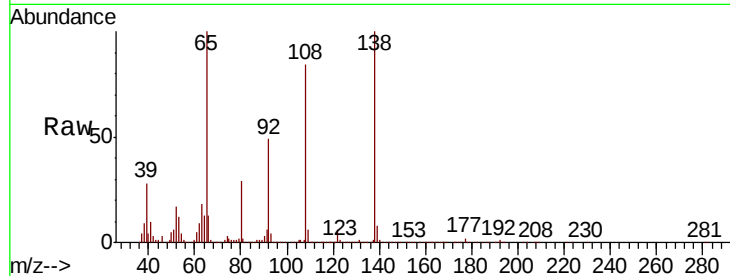
ClientSampleId :

SUP-3B-C-1-010819MSD

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

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#63

Azobenzene

Concen: 33.712 ng

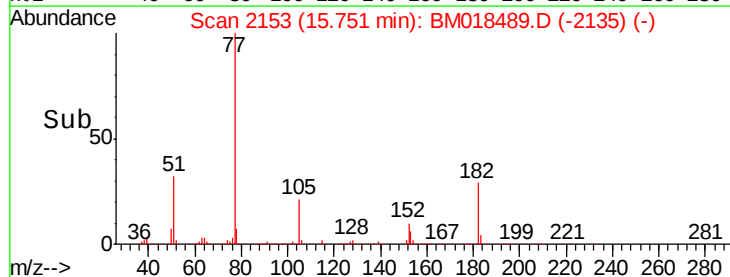
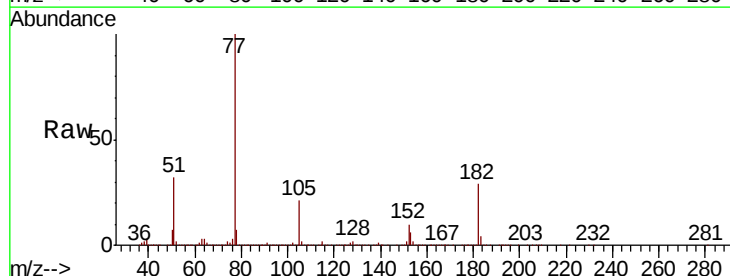
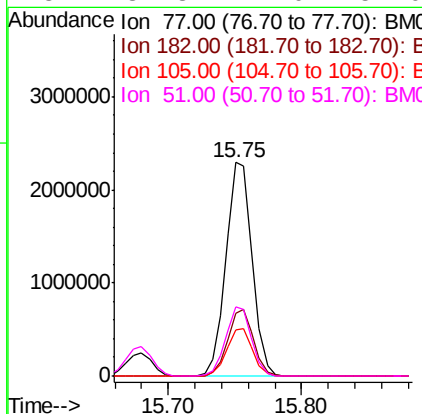
RT: 15.75 min Scan# 2153

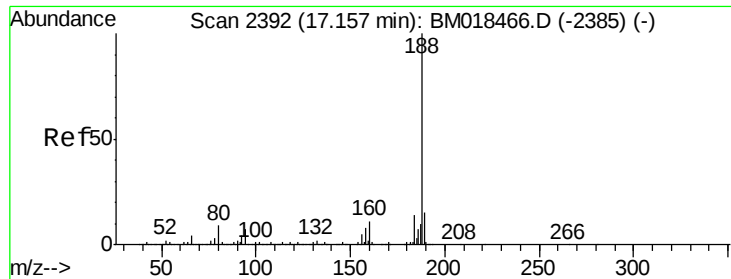
Delta R.T. 0.01 min

Lab File: BM018489.D

Acq: 10 Jan 2019 00:55

Tgt 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





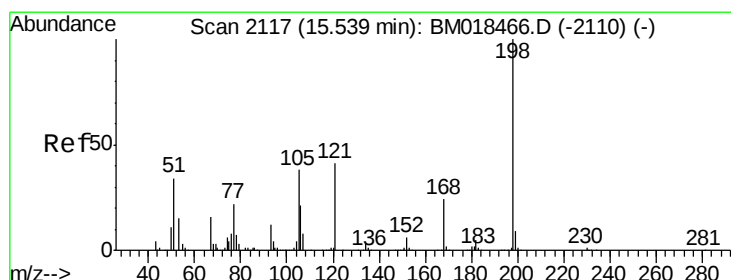
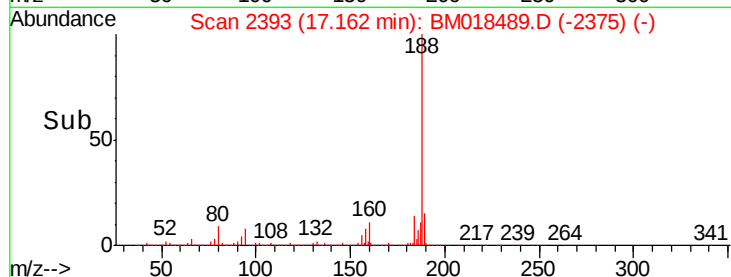
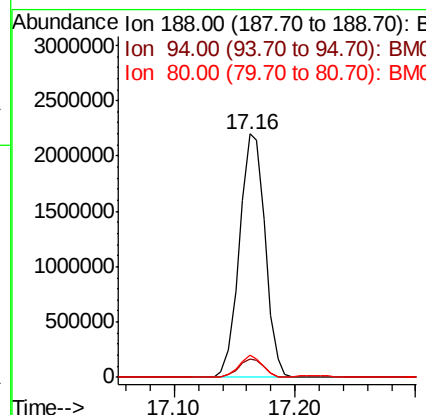
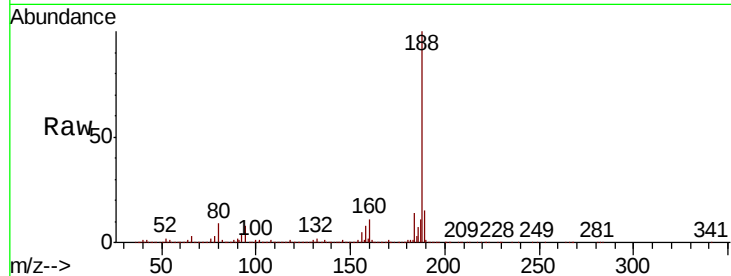
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.9	7.6	11.4

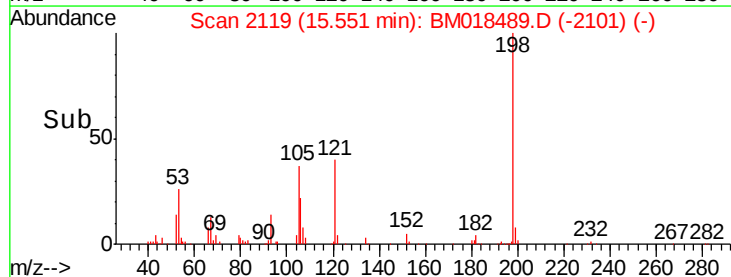
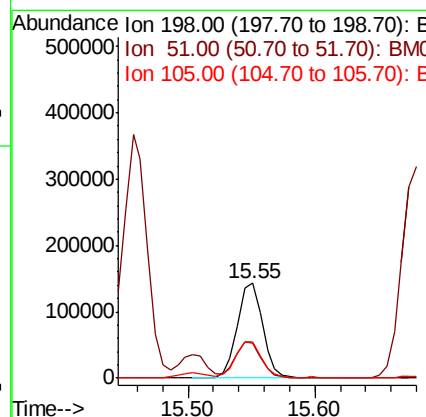
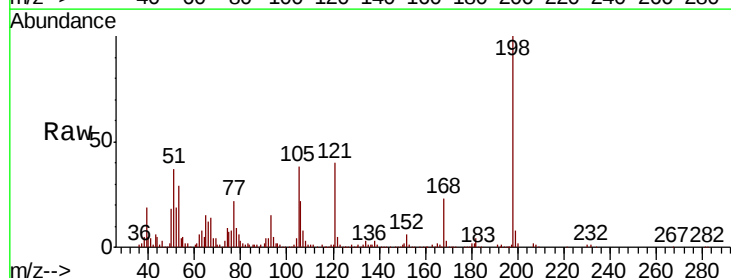
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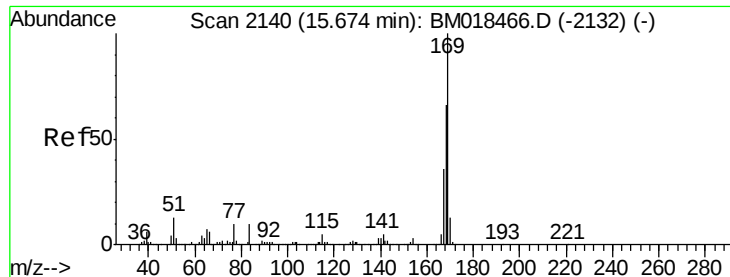
Sohil
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#65
4,6-Dinitro-2-methylphenol
Concen: 13.854 ng
RT: 15.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.3	29.6	69.6
105	37.6	25.5	65.5





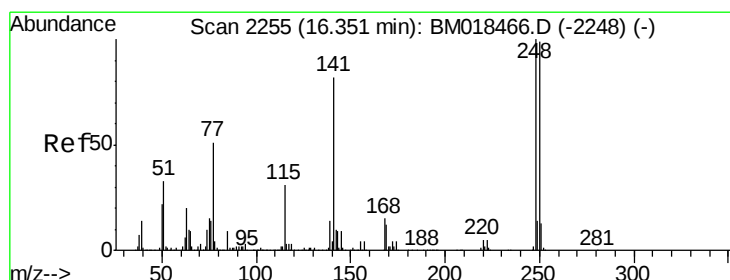
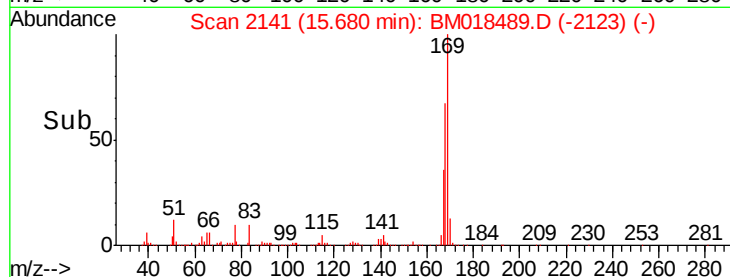
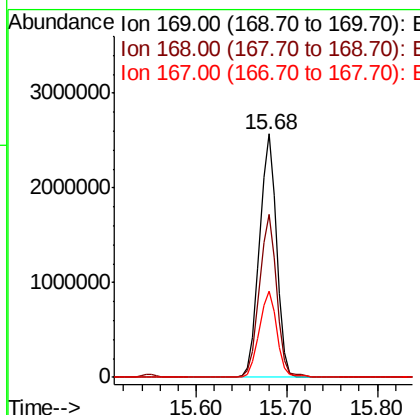
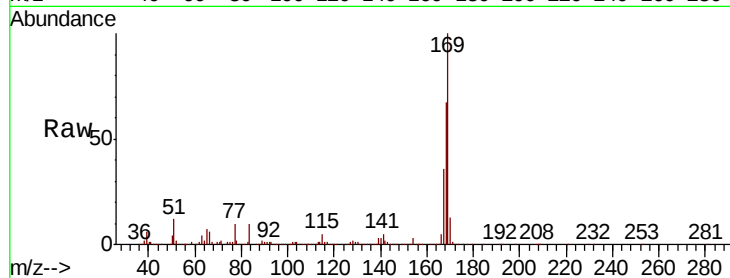
#66
 n-Nitrosodiphenylamine
 Concen: 33.232 ng
 RT: 15.68 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.1	81.1
167	35.6	28.6	42.8

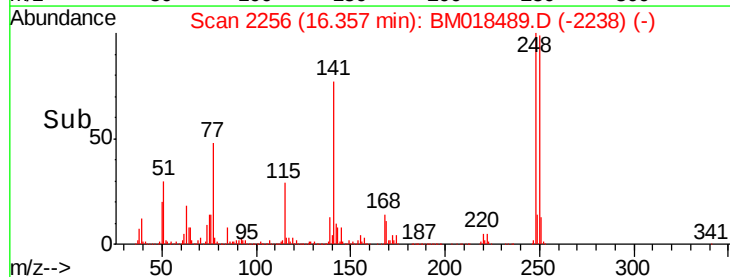
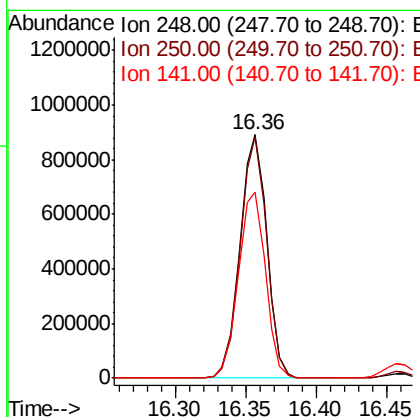
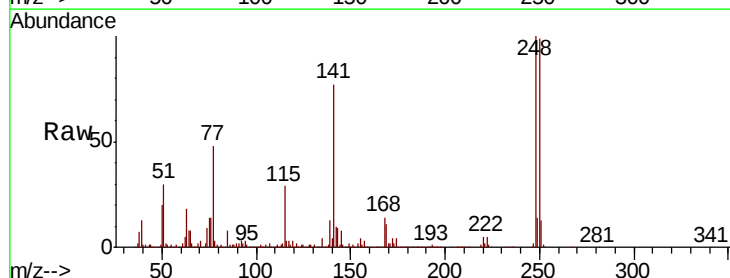
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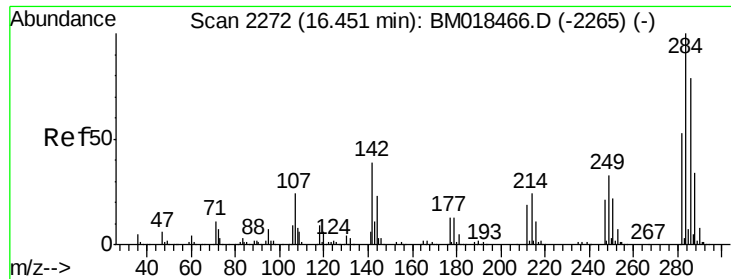
Sohil
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#67
 4-Bromophenyl-phenylether
 Concen: 32.474 ng
 RT: 16.36 min Scan# 2256
 Delta R.T. 0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.0	114.0
141	76.5	61.5	92.3





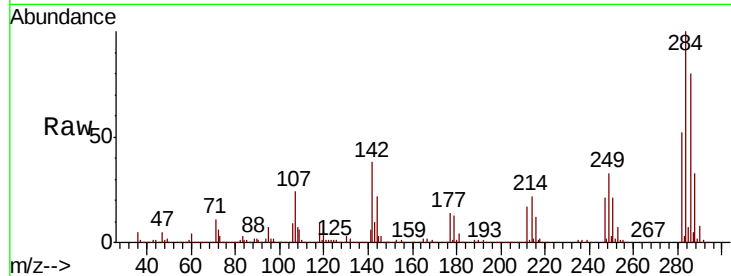
#68
Hexachlorobenzene
Concen: 32.000 ng
RT: 16.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.0	29.2	43.8
249	33.0	26.1	39.1

Manual Integrations
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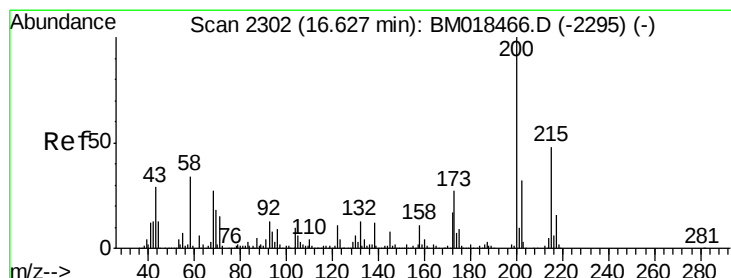
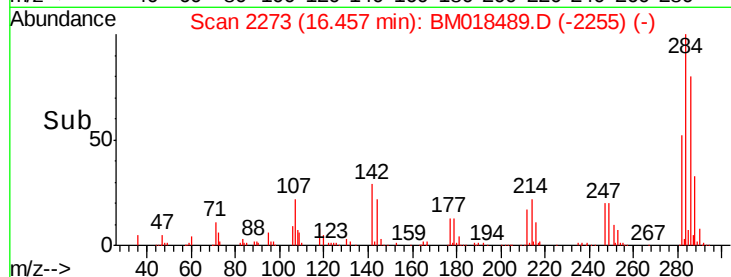
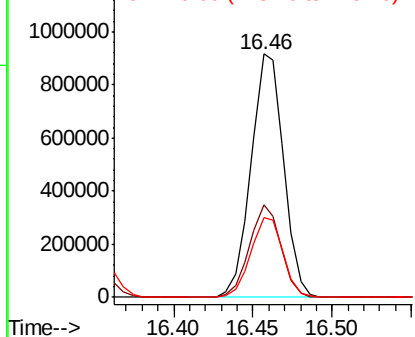


Abundance

Ion 283.80 (283.50 to 284.50): E

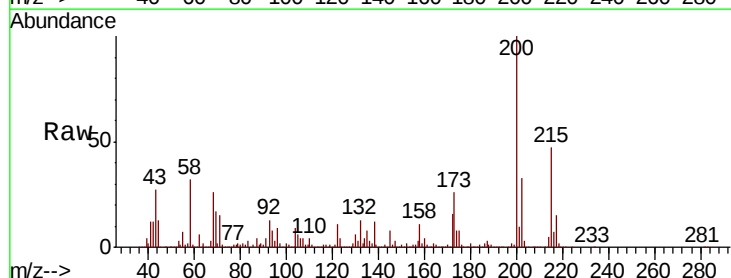
Ion 142.00 (141.70 to 142.70): E

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

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.2	47.2
215	46.8	28.3	68.3

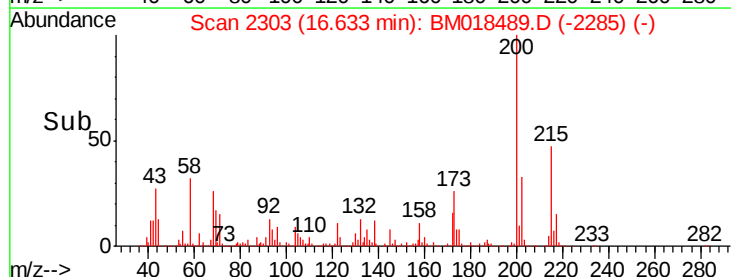
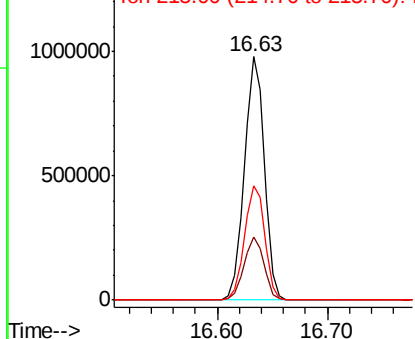


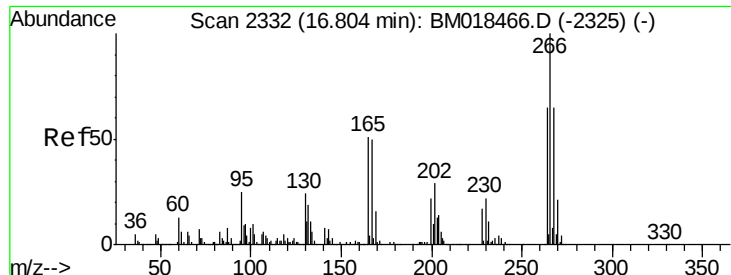
Abundance

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





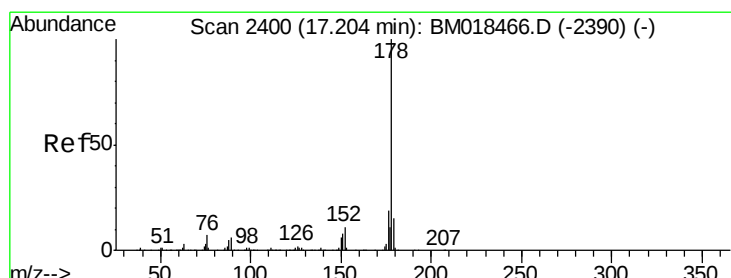
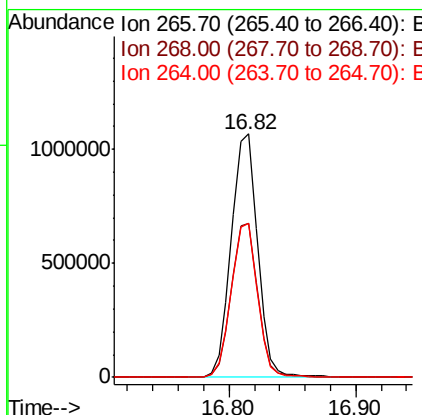
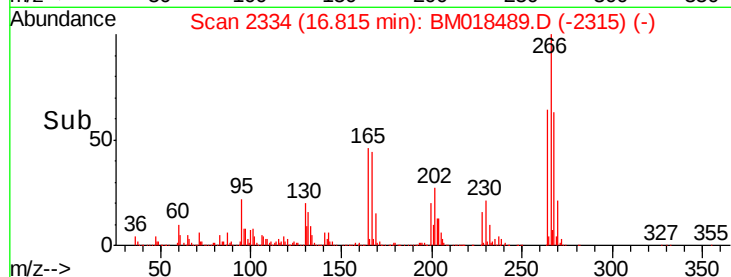
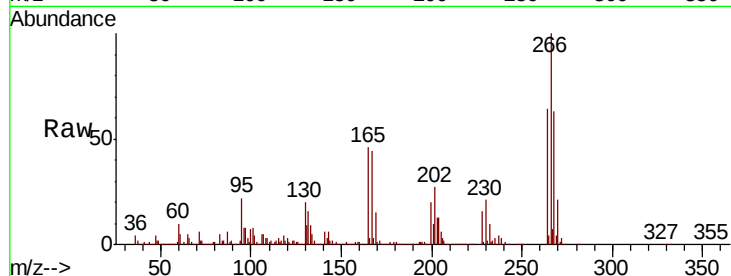
#70
 Pentachlorophenol
 Concen: 57.493 ng
 RT: 16.82 min Scan# 2334
 Delta R.T. 0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.8	74.6
264	63.5	50.1	75.1

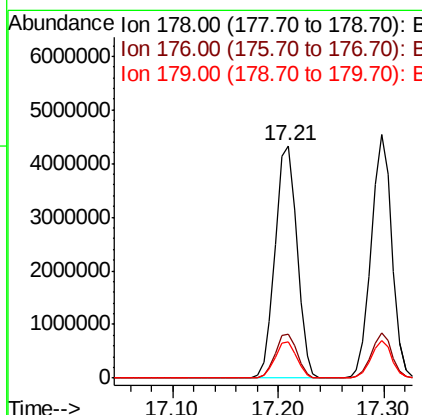
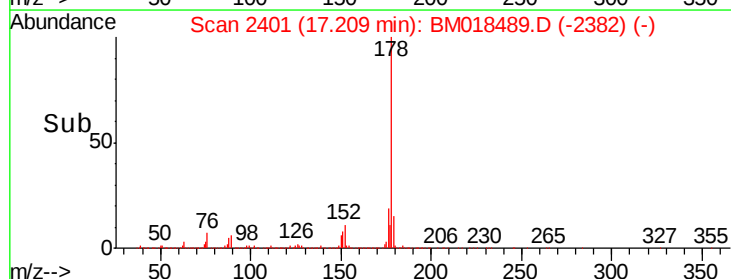
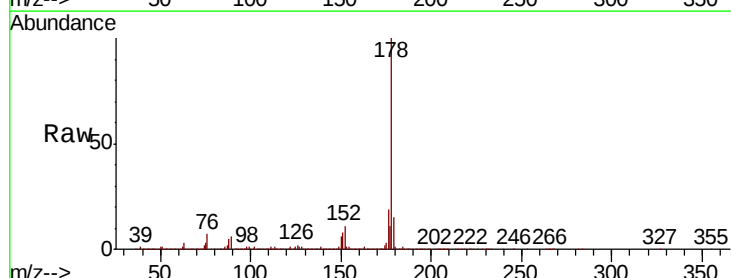
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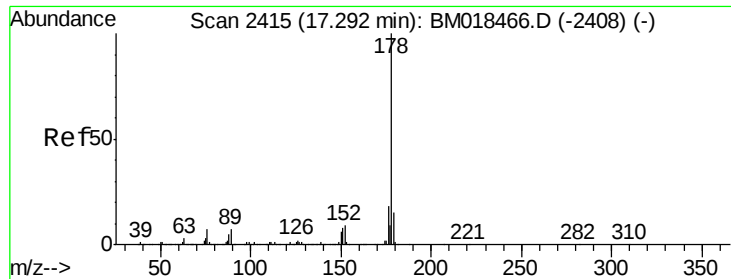
Sohil
 1/10/2019 3:12:10 PM



#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

Tgt 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

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:178 Resp: 6190808

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

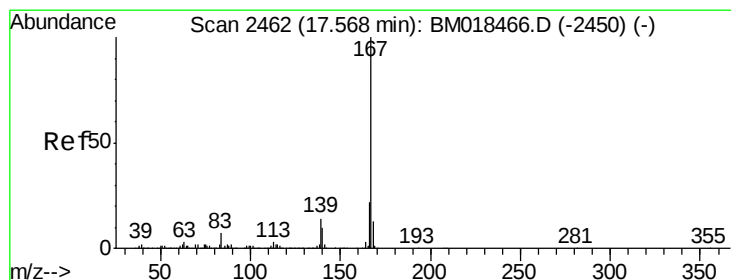
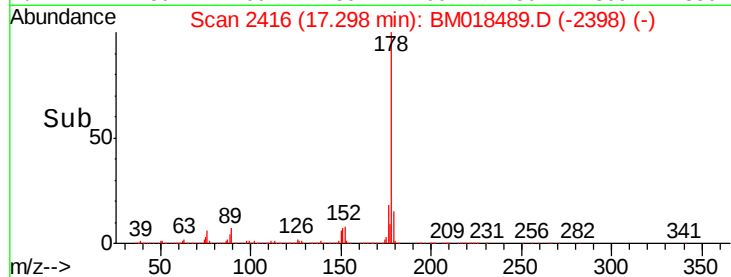
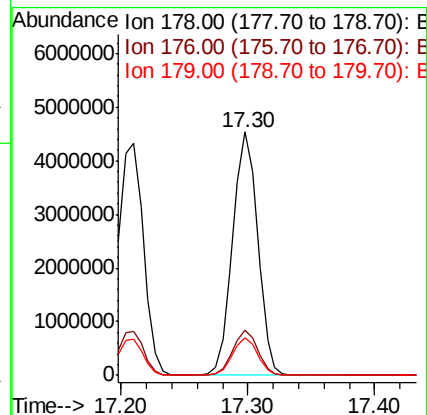
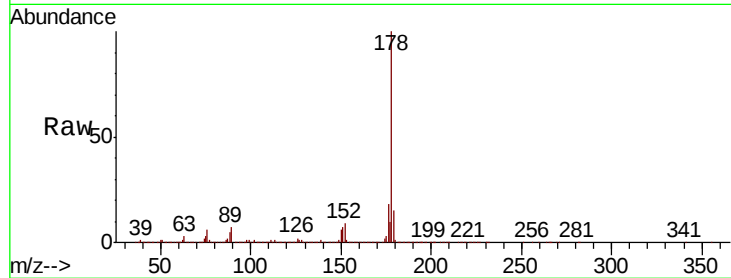
179 15.5 12.2 18.4

Manual Integrations

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#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

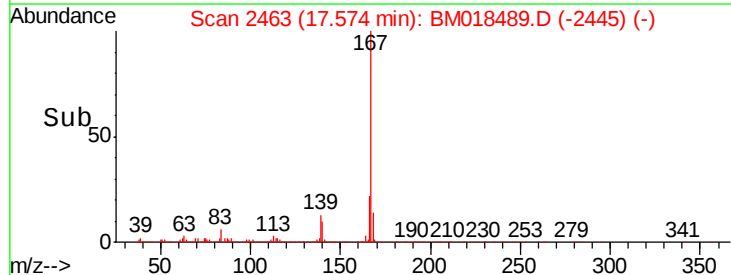
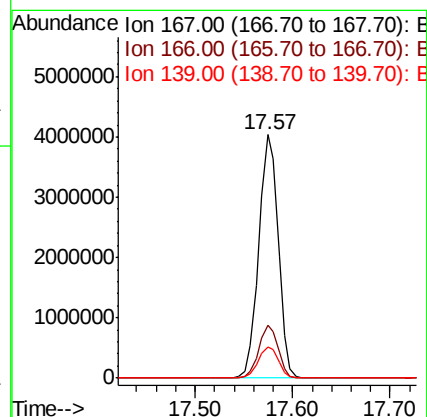
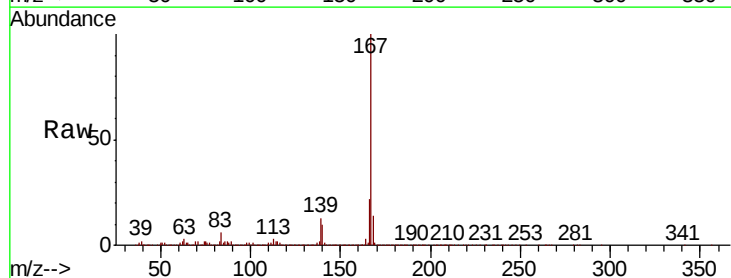
Tgt Ion:167 Resp: 5620711

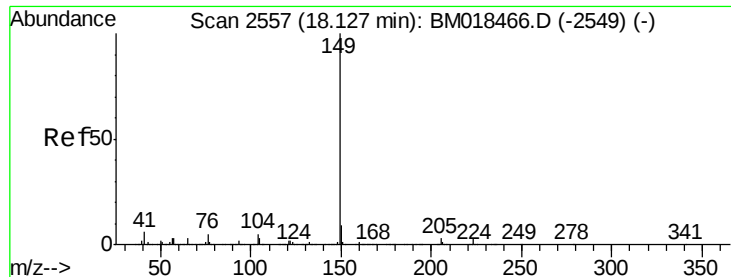
Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.0 10.6 16.0





#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

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:149 Resp: 6887796

Ion Ratio Lower Upper

149 100

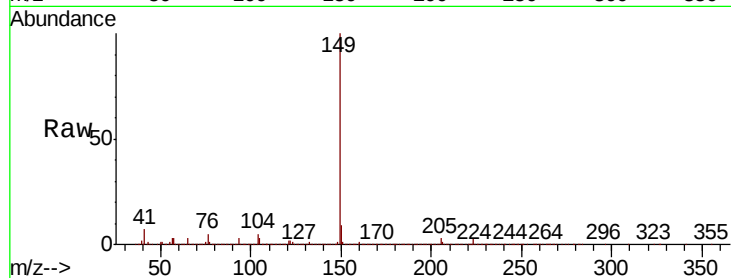
150 9.4 7.3 10.9

104 5.2 4.2 6.4

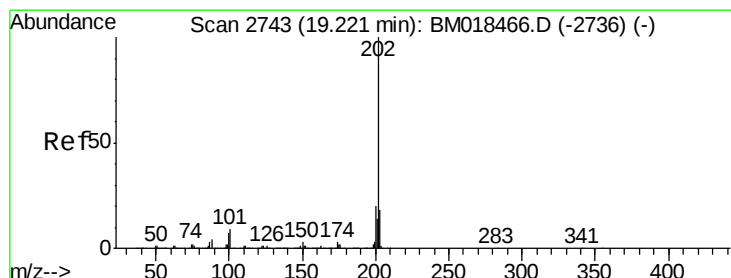
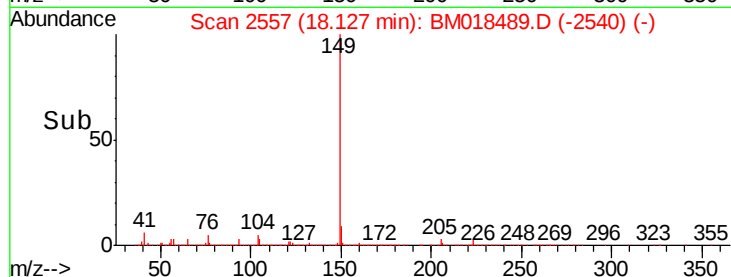
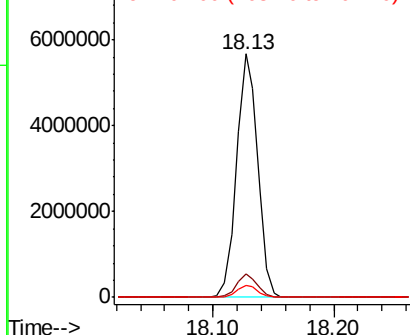
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#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

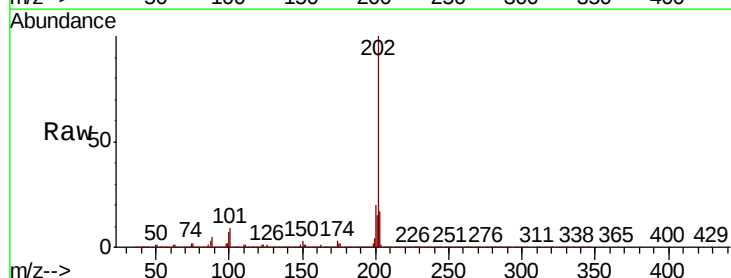
Tgt Ion:202 Resp: 6580852

Ion Ratio Lower Upper

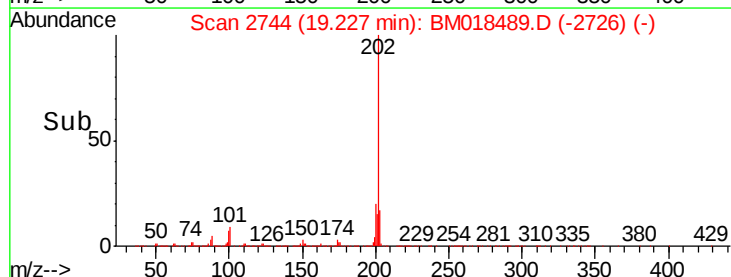
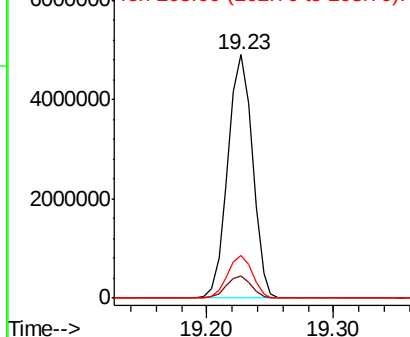
202 100

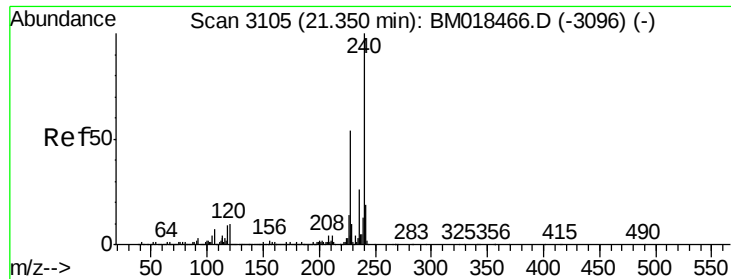
101 9.0 0.0 30.9

203 17.4 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





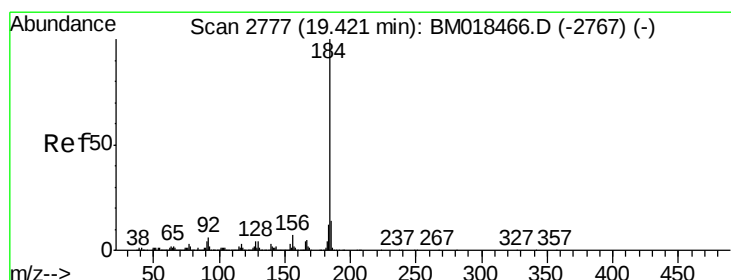
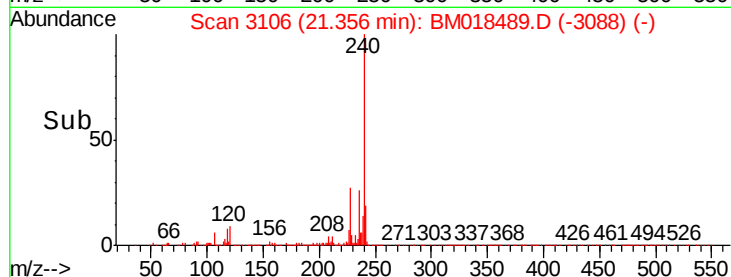
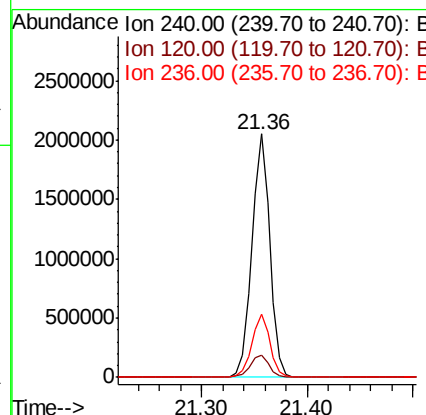
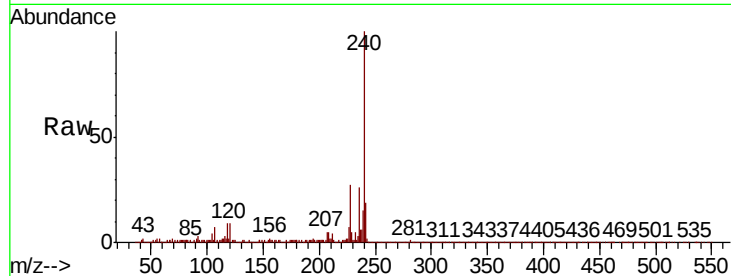
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

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

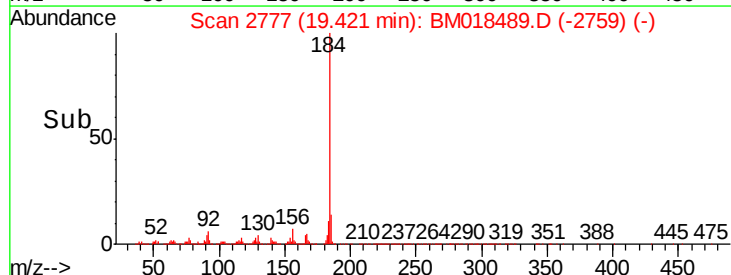
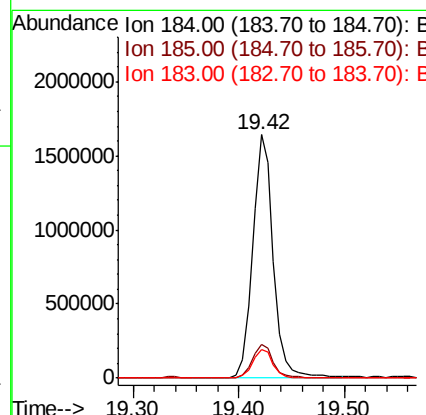
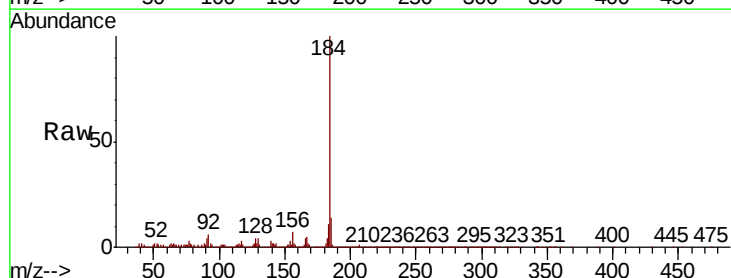
Manual Integrations
APPROVED

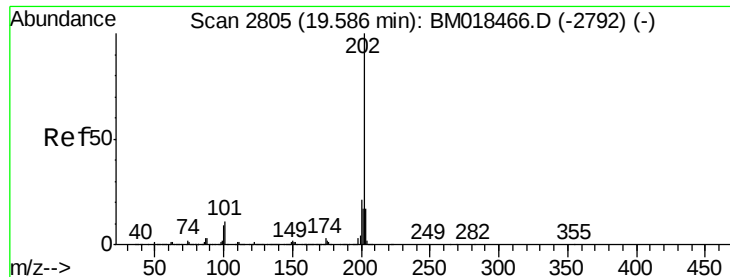
Sohil
1/10/2019 3:12:10 PM



#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

Tgt Ion:184 Resp: 2208729
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.5 9.5 14.3





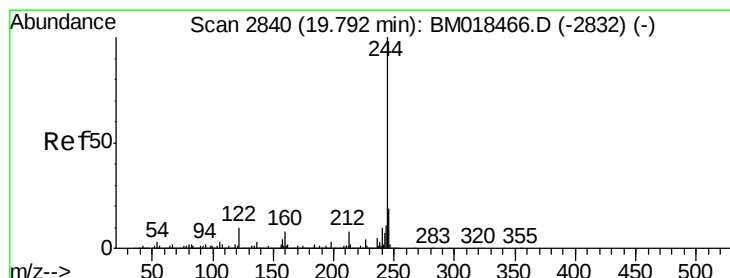
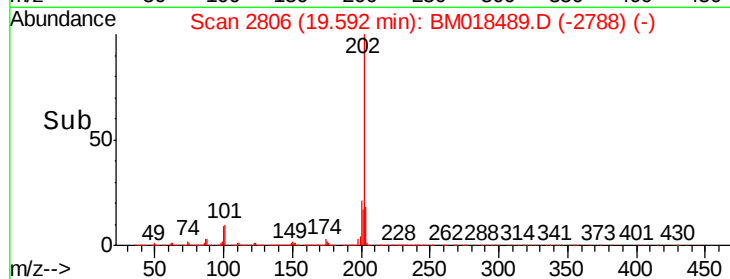
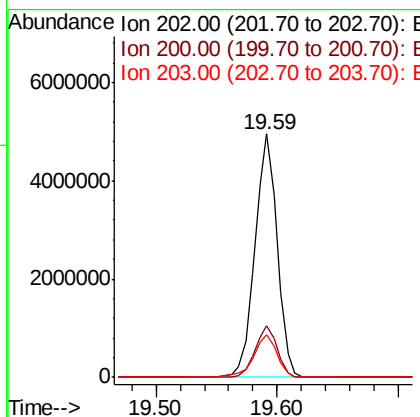
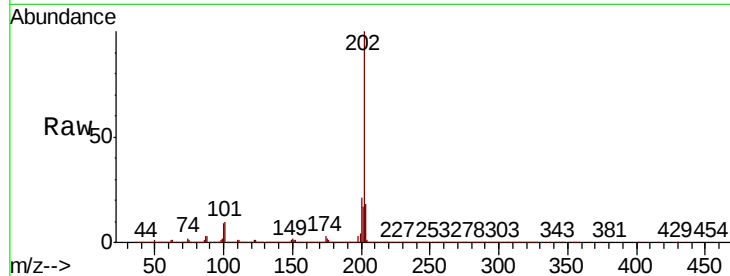
#78
Pvrene
Concen: 44.468 ng
RT: 19.59 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

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

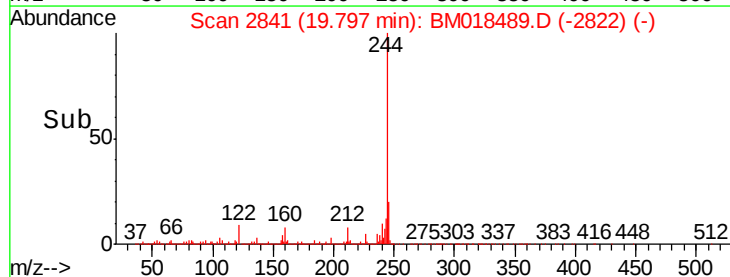
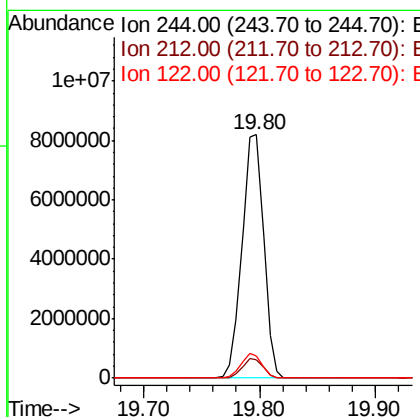
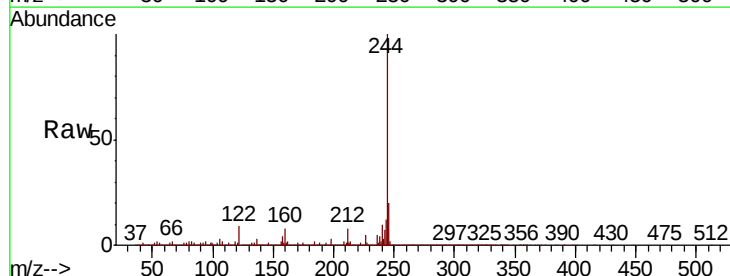
Manual Integrations
APPROVED

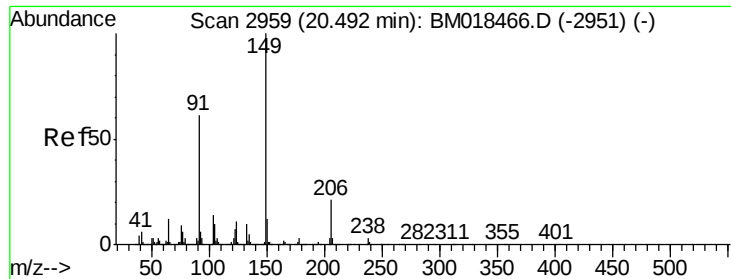
Sohil
1/10/2019 3:12:10 PM



#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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.3	9.0	13.4





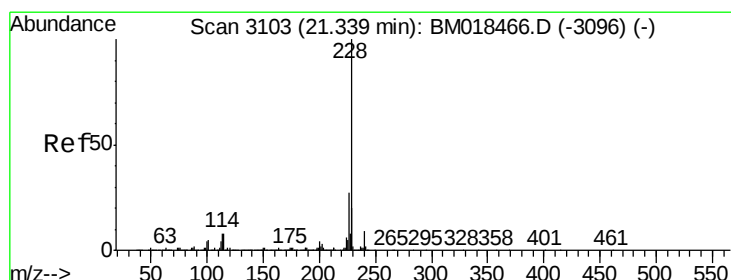
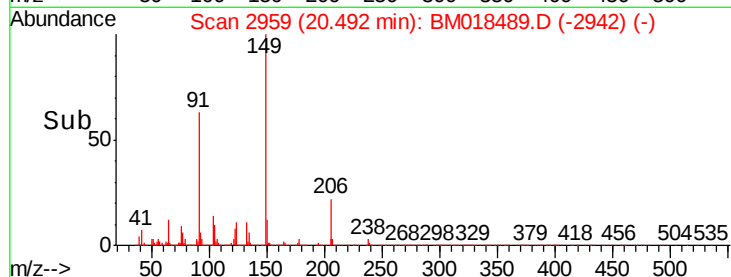
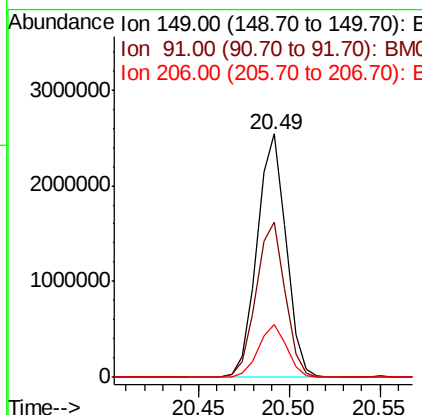
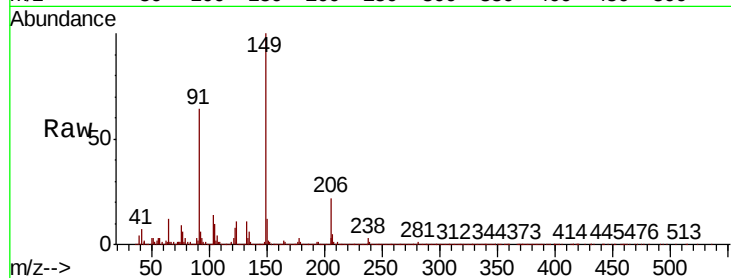
#80
Butylbenzylphthalate
Concen: 46.110 ng
RT: 20.49 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion:149 Resp: 2808200
Ion Ratio Lower Upper
149 100
91 63.6 53.1 79.7
206 21.8 16.2 24.4

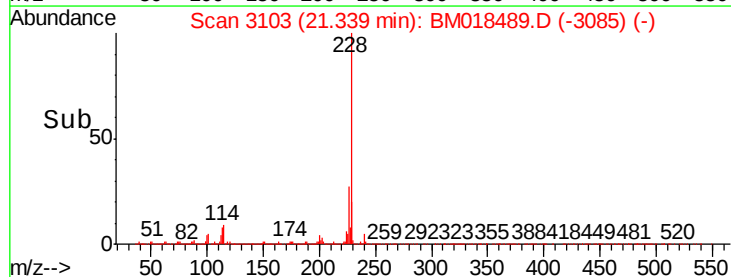
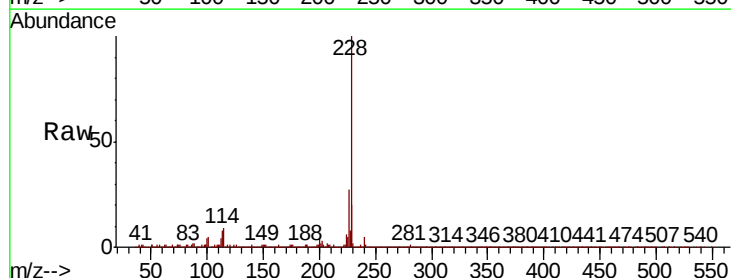
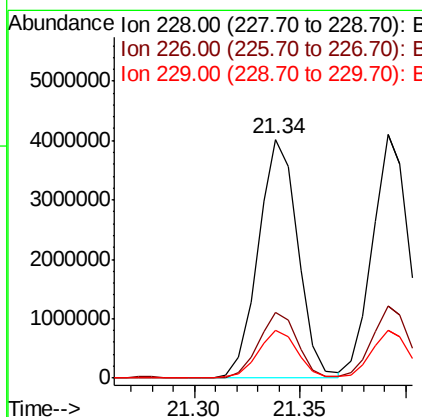
Manual Integrations
APPROVED

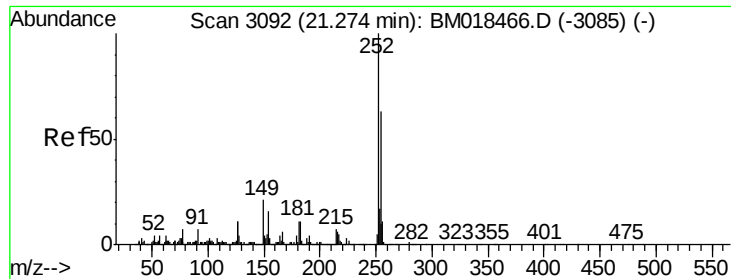
Sohil
1/10/2019 3:12:10 PM



#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

Tgt Ion:228 Resp: 5230892
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 20.0 15.8 23.8





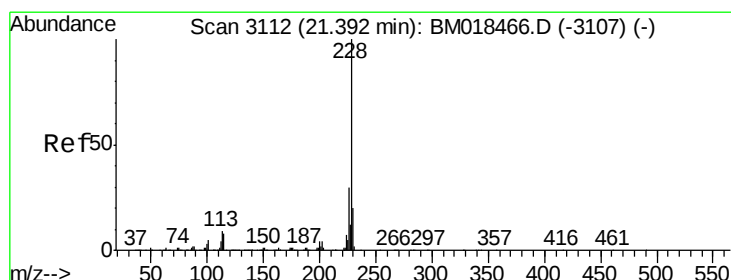
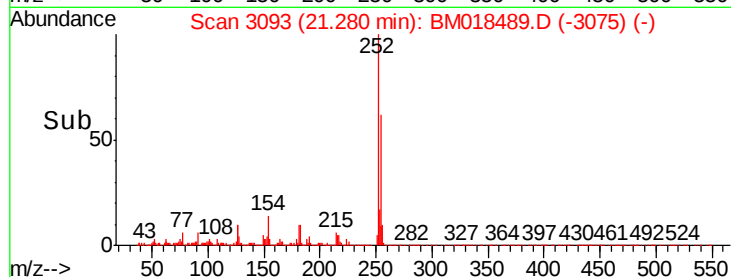
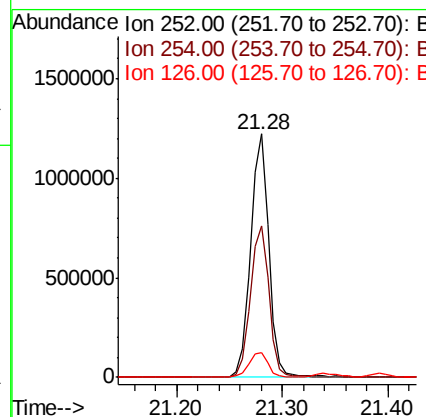
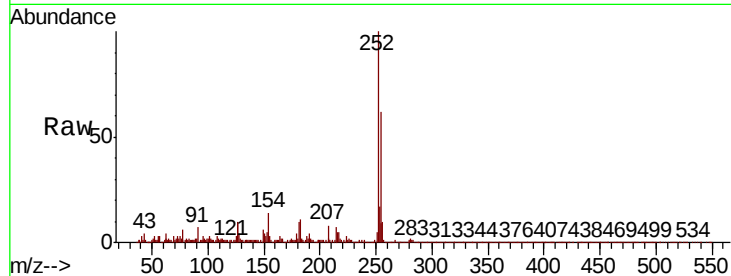
#82
 3,3'-Dichlorobenzidine
 Concen: 26.986 ng
 RT: 21.28 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BM018489.D
 Acq: 10 Jan 2019 00:55

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

Tot Ion:252 Resp: 1447549
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.4 77.0
 126 10.0 8.7 13.1

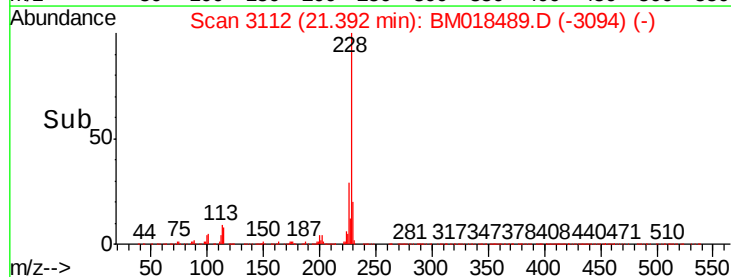
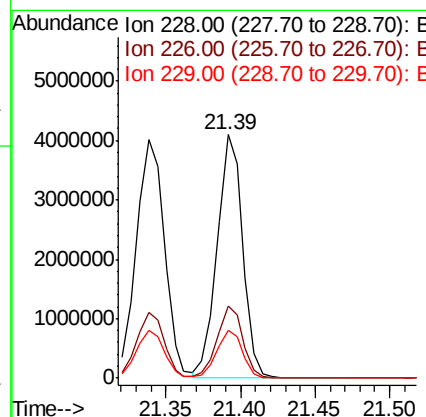
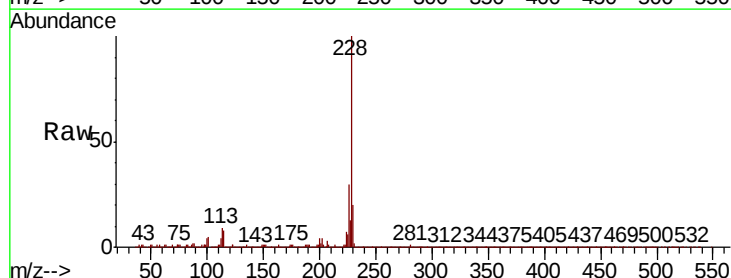
Manual Integrations
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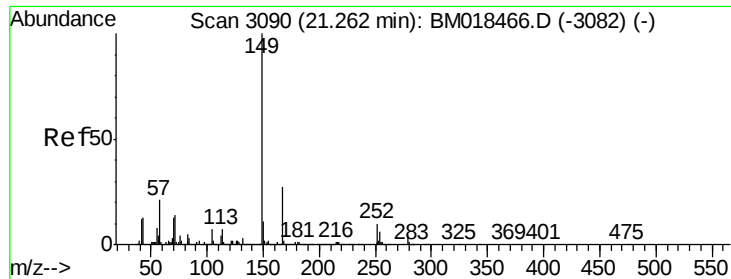
Sohil
 1/10/2019 3:12:10 PM



#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

Tgt 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

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion:149 Resp: 3951908

Ion Ratio Lower Upper

149 100

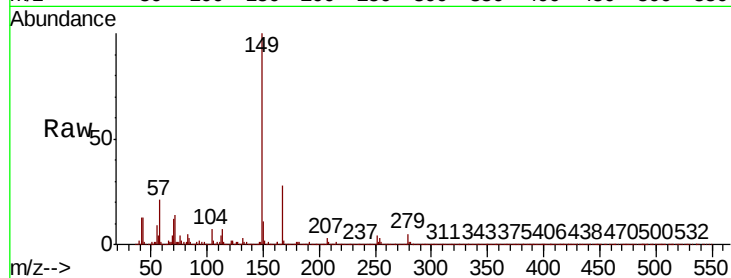
167 27.7 21.6 32.4

279 4.8 3.3 4.9

Manual Integrations
APPROVED

Sohil

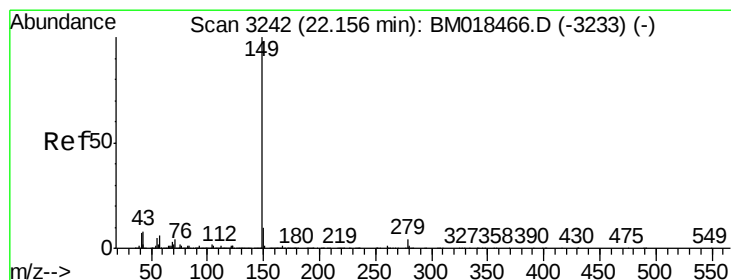
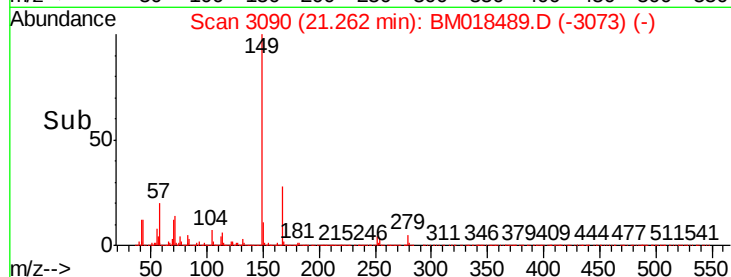
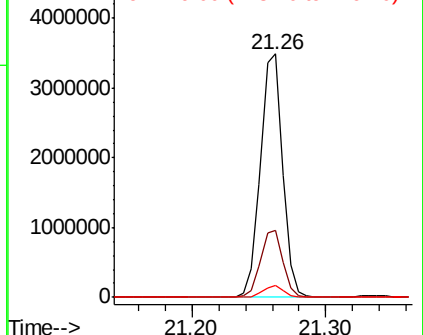
1/10/2019 3:12:10 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#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

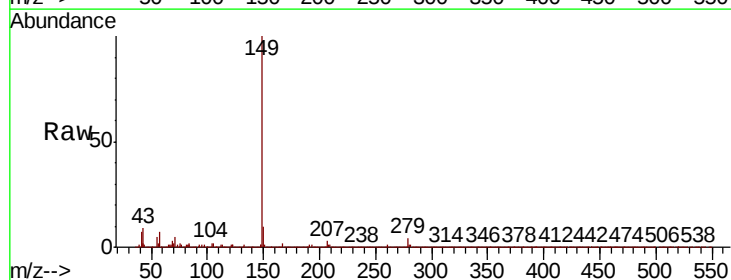
Tgt Ion:149 Resp: 6165182

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

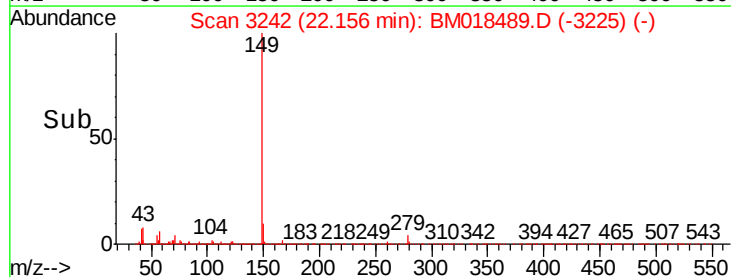
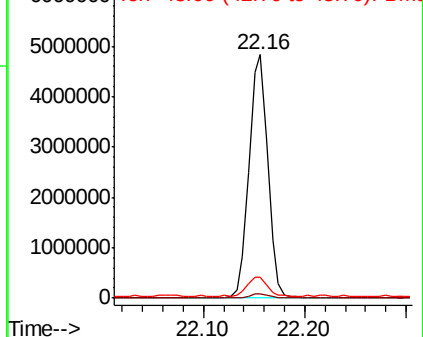
43 8.2 8.6 12.8#

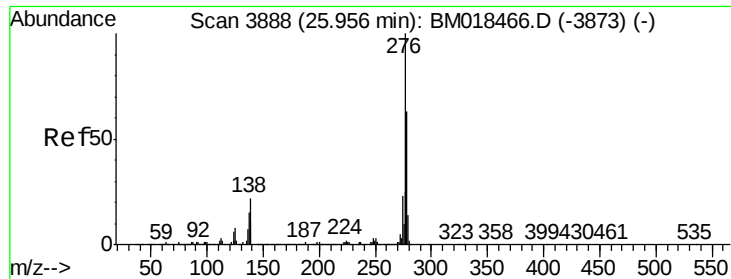


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





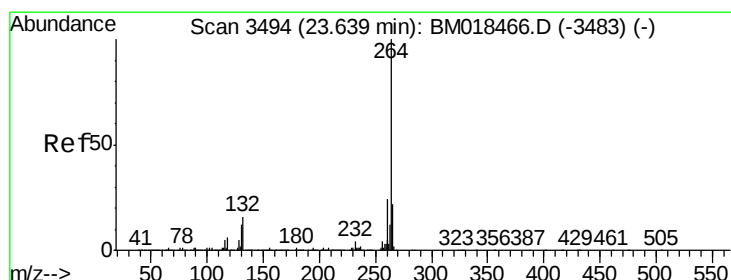
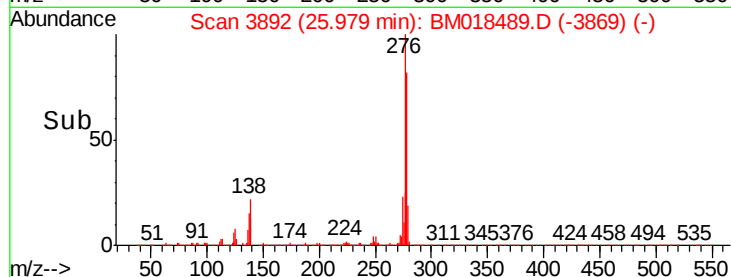
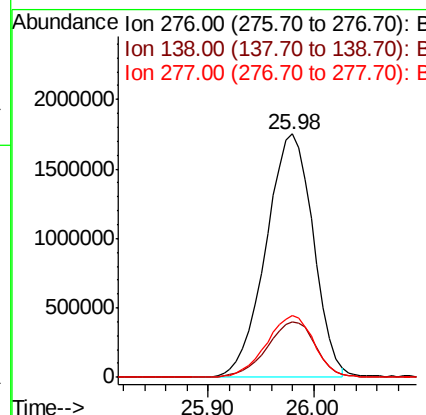
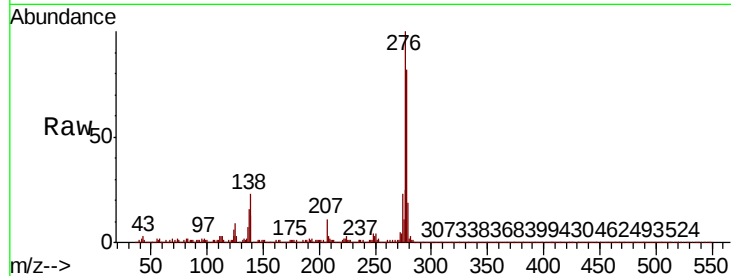
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.230 ng
RT: 25.98 min Scan# 3892
Delta R.T. 0.04 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.5	32.3
277	24.8	20.2	30.2

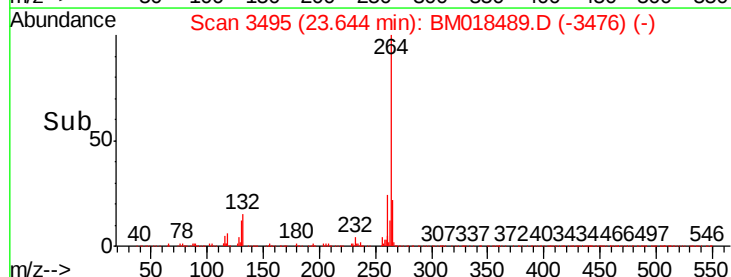
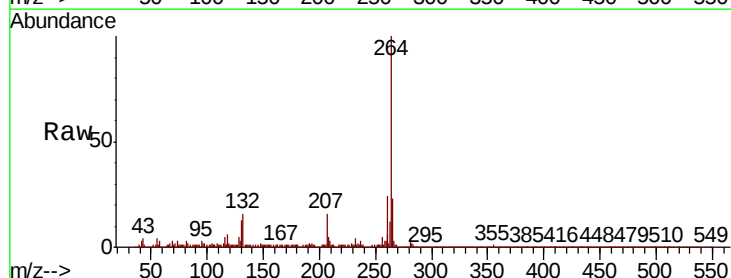
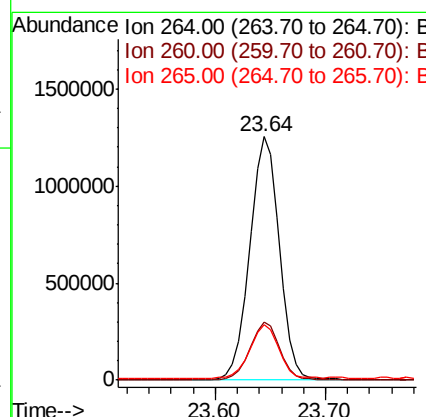
Manual Integrations
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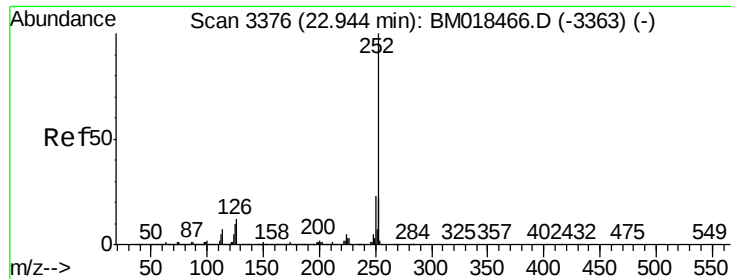
Sohil
1/10/2019 3:12:10 PM



#87
Perylene-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

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





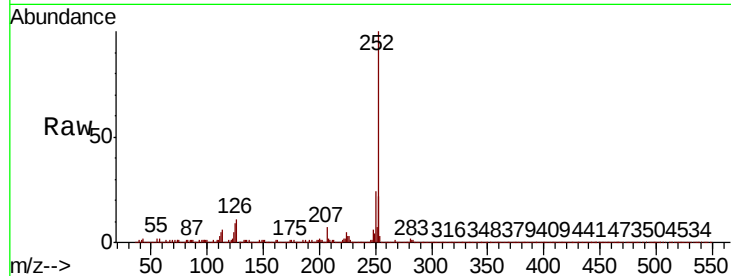
#88
Benzo(b)fluoranthene
Concen: 35.680 ng
RT: 22.96 min Scan# 3378
Delta R.T. 0.02 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

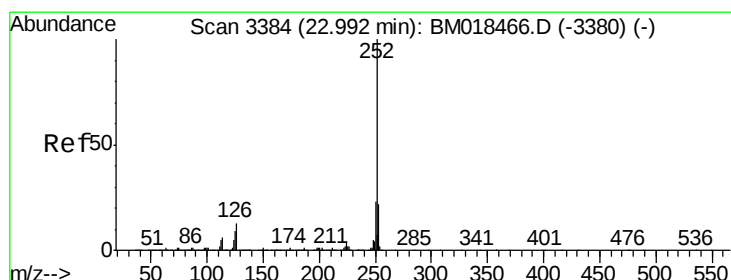
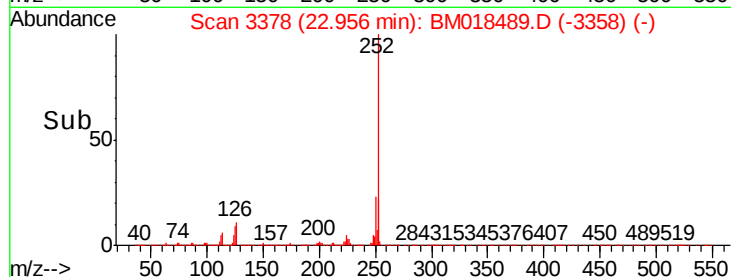
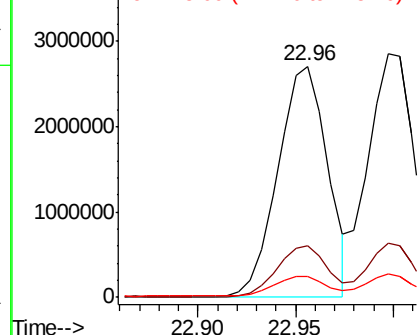
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.0	8.5	12.7

Manual Integrations
APPROVED

Sohil
1/10/2019 3:12:10 PM



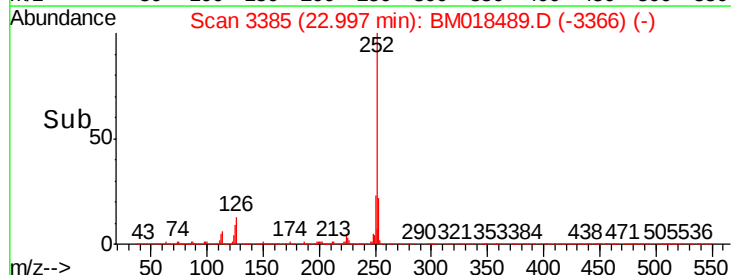
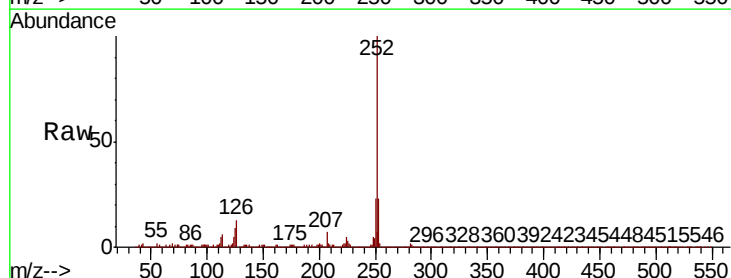
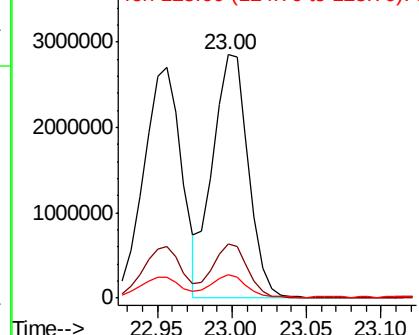
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

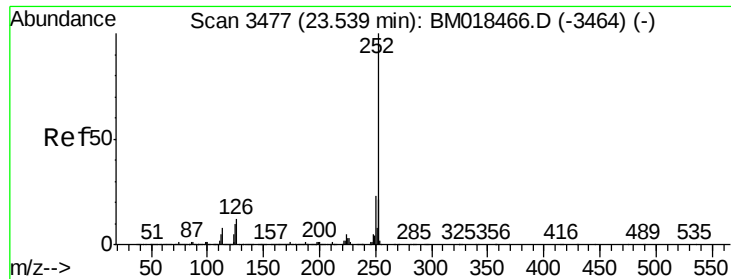


#89
Benzo(k)fluoranthene
Concen: 35.339 ng
RT: 23.00 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	9.4	8.6	12.8

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





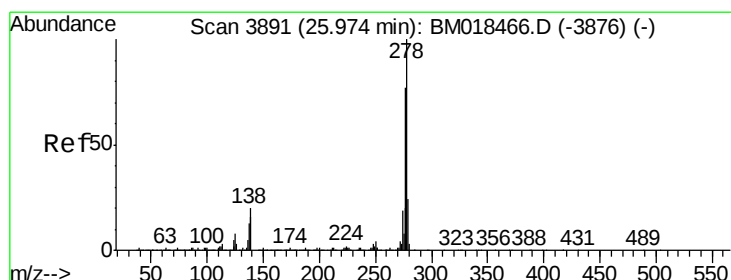
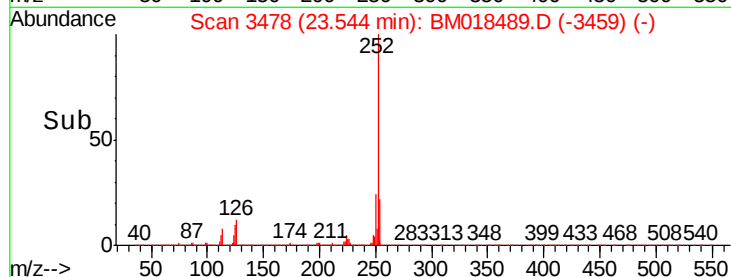
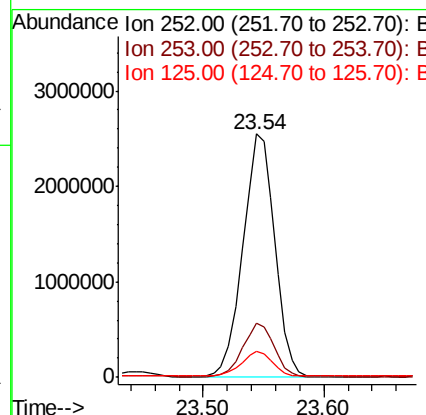
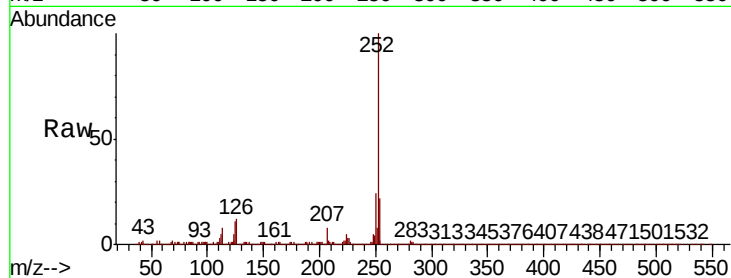
#90
Benzo(a)pyrene
Concen: 36.662 ng
RT: 23.54 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BM018489.D
Acq: 10 Jan 2019 00:55

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.7	9.7	14.5

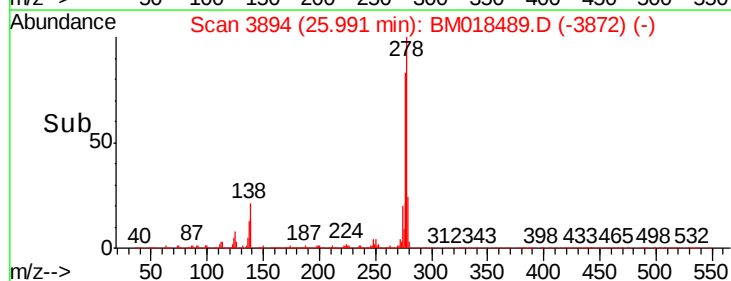
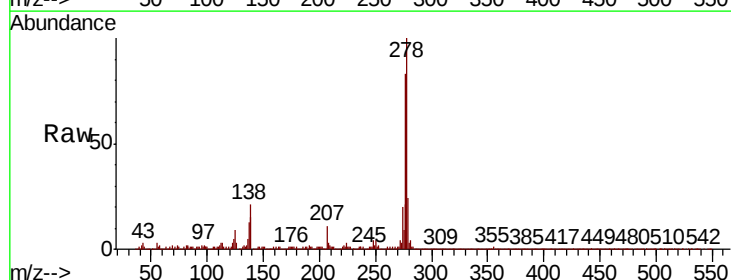
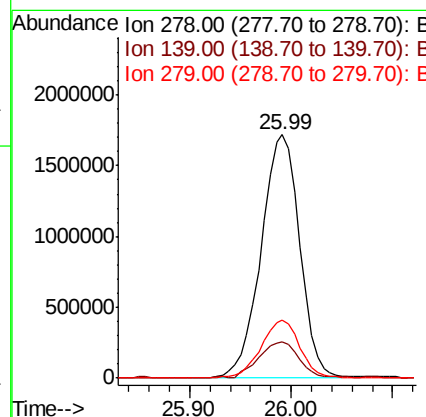
Manual Integrations
APPROVED

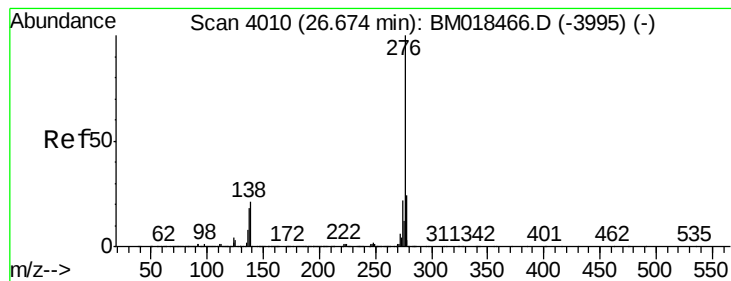
Sohil
1/10/2019 3:12:10 PM



#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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	13.2	19.8
279	23.9	19.0	28.4





#92

Benzo(a,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

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819MSD

Tot Ion: 276 Resp: 4499225

Ion Ratio Lower Upper

276 100

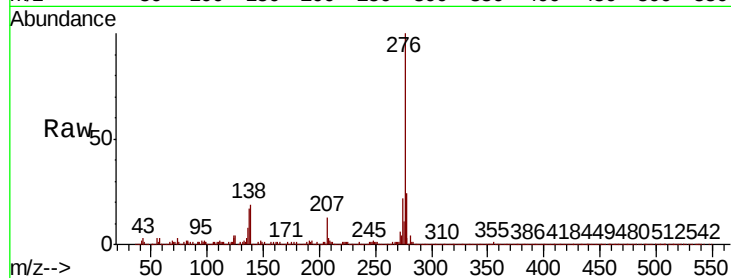
277 23.7 19.0 28.4

138 18.6 18.1 27.1

Manual Integrations
APPROVED

Sohil

1/10/2019 3:12:10 PM



Abundance Ion 276.00 (275.70 to 276.70): E

2000000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

