

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018549.D
 Acq On : 11 Jan 2019 23:56
 Operator : JU/SJ
 Sample : PB116318BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 12 01:07:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	284039	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1252370	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	791062	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1981858	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2509412	20.00	ng	0.00
87) Perylene-d12	23.63	264	2943723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1947083	126.58	ng	0.00
7) Phenol-d6	6.93	99	2609596	133.57	ng	0.00
23) Nitrobenzene-d5	8.92	82	1511261	69.95	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1261618	125.25	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	4079684	67.29	ng	0.00
79) Terphenyl-d14	19.79	244	7707452	64.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	153236	24.441	ng	98
3) Pyridine	3.68	79	455085	29.114	ng	98
4) n-Nitrosodimethylamine	3.60	42	246553	38.145	ng	# 93
6) Aniline	7.09	93	309757	14.213	ng	97
8) 2-Chlorophenol	7.32	128	747375	41.600	ng	95
9) Benzaldehyde	6.91	77	204587	15.398	ng	98
10) Phenol	6.96	94	859794	43.307	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	554336	35.534	ng	96
12) 1,3-Dichlorobenzene	7.64	146	719241	33.616	ng	99
13) 1,4-Dichlorobenzene	7.79	146	739536	34.103	ng	97
14) 1,2-Dichlorobenzene	8.10	146	714764	34.761	ng	99
15) Benzyl Alcohol	8.00	79	608658	43.132	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	698658	35.045	ng	95
17) 2-Methylphenol	8.20	107	602570	44.713	ng	98
18) Hexachloroethane	8.82	117	262664	33.971	ng	97
19) n-Nitroso-di-n-propylamine	8.56	70	476914	37.509	ng	92
20) 3+4-Methylphenols	8.53	107	826645	44.434	ng	99
22) Acetophenone	8.58	105	982533	31.715	ng	# 97
24) Nitrobenzene	8.96	77	727092	34.206	ng	96
25) Isophorone	9.48	82	1332241	40.724	ng	97
26) 2-Nitrophenol	9.67	139	399719	38.890	ng	96
27) 2,4-Dimethylphenol	9.72	122	687810	44.646	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	811597	35.913	ng	99
29) 2,4-Dichlorophenol	10.20	162	755209	41.168	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	739161	32.463	ng	98
31) Naphthalene	10.60	128	2221619	36.834	ng	98
32) Benzoic acid	9.86	122	419461	41.463	ng	96
33) 4-Chloroaniline	10.72	127	259065	10.906	ng	99
34) Hexachlorobutadiene	10.86	225	436079	30.315	ng	99
35) Caprolactam	11.52	113	136549	21.893	ng	91
36) 4-Chloro-3-methylphenol	11.85	107	818115	42.509	ng	98
37) 2-Methylnaphthalene	12.21	142	1693868	39.749	ng	99
38) 1-Methylnaphthalene	12.43	142	1619879	39.286	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	881658	31.871	ng	99

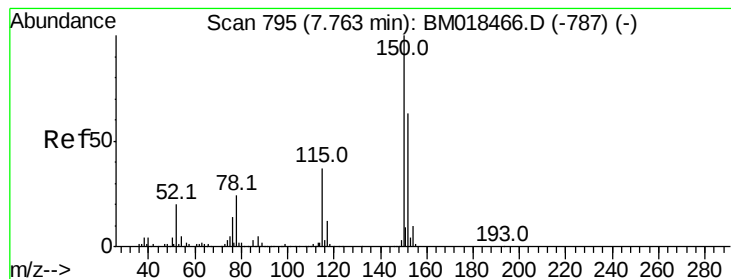
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018549.D
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 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1046425	68.924	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	645141	38.404	ng	99
44) 2,4,5-Trichlorophenol	12.90	196	712103	40.306	ng	98
46) 1,1'-Biphenyl	13.23	154	2223167	32.186	ng	98
47) 2-Chloronaphthalene	13.27	162	1731872	32.334	ng	99
48) 2-Nitroaniline	13.49	65	501342	38.045	ng	95
49) Acenaphthylene	14.13	152	2926345	37.490	ng	100
50) Dimethylphthalate	13.86	163	2346304	36.115	ng	99
51) 2,6-Dinitrotoluene	13.99	165	525928	38.217	ng	94
52) Acenaphthene	14.47	154	1672563	35.020	ng	98
53) 3-Nitroaniline	14.33	138	216070	15.574	ng	94
54) 2,4-Dinitrophenol	14.53	184	576748	77.650	ng	92
55) Dibenzofuran	14.80	168	2773661	35.148	ng	98
56) 4-Nitrophenol	14.64	139	1039639	86.740	ng	95
57) 2,4-Dinitrotoluene	14.78	165	773876	39.745	ng	96
58) Fluorene	15.46	166	2275197	38.704	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	671901	42.906	ng	97
60) Diethylphthalate	15.23	149	2453352	37.407	ng	100
61) 4-Chlorophenyl-phenylether	15.45	204	1166690	34.435	ng	98
62) 4-Nitroaniline	15.49	138	559983	37.004	ng	99
63) Azobenzene	15.74	77	1923809	35.977	ng	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	407341	34.016	ng	86
66) n-Nitrosodiphenylamine	15.67	169	2060247	33.513	ng	99
67) 4-Bromophenyl-phenylether	16.34	248	725195	32.699	ng	98
68) Hexachlorobenzene	16.45	284	820628	33.052	ng	98
69) Atrazine	16.62	200	810267	36.458	ng	97
70) Pentachlorophenol	16.80	266	1141519	70.202	ng	99
71) Phenanthrene	17.20	178	3889211	36.894	ng	100
72) Anthracene	17.29	178	3951698	38.984	ng	100
73) Carbazole	17.56	167	3773593	36.234	ng	100
74) Di-n-butylphthalate	18.12	149	4432092	38.852	ng	99
75) Fluoranthene	19.22	202	4938626	40.635	ng	98
77) Benzidine	19.41	184	2061849	33.277	ng	99
78) Pyrene	19.58	202	5235377	35.197	ng	100
80) Butylbenzylphthalate	20.48	149	2314580	36.467	ng	98
81) Benzo(a)anthracene	21.33	228	5594139	37.841	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	1078887	19.299	ng	100
83) Chrysene	21.39	228	5225767	36.606	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	3326793	36.298	ng	99
85) Di-n-octyl phthalate	22.14	149	6122112	39.715	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.95	276	7953946	48.319	ng	97
88) Benzo(b)fluoranthene	22.94	252	6115387	36.592	ng	99
89) Benzo(k)fluoranthene	22.99	252	5988155	35.554	ng	98
90) Benzo(a)pyrene	23.53	252	6156861	38.482	ng	98
91) Dibenzo(a,h)anthracene	25.97	278	6647125	41.003	ng	98
92) Benzo(g,h,i)perylene	26.66	276	6630751	42.031	ng	97

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

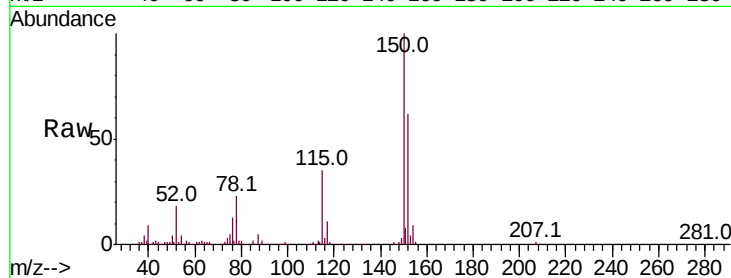


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.9	190.3
115	55.8	45.5	68.3

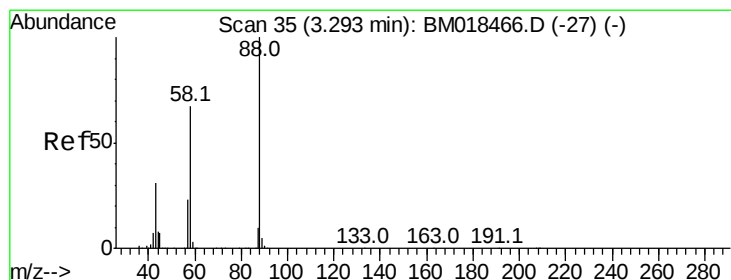
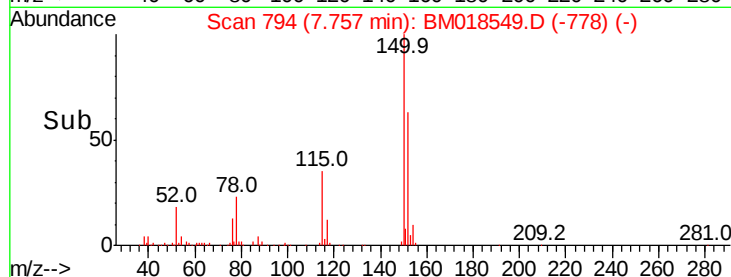
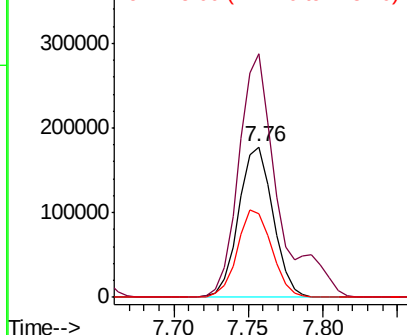


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

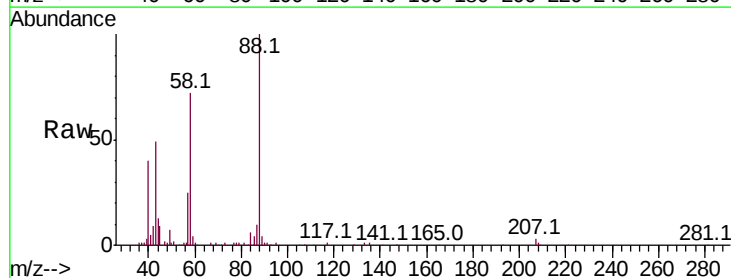
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.441 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	58.4	87.6
43	30.1	26.2	39.4

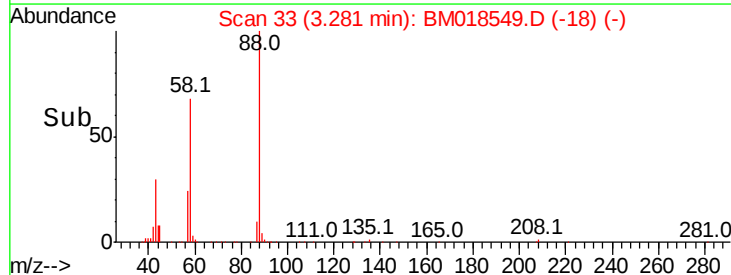
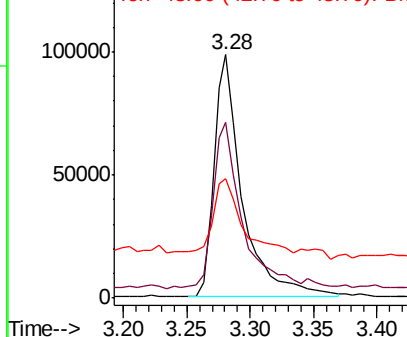


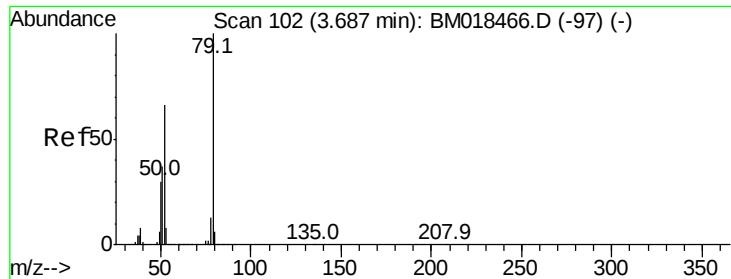
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC

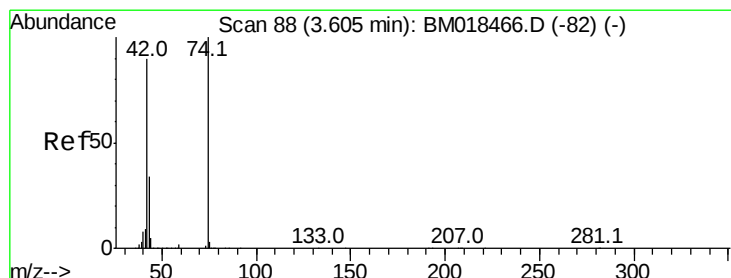
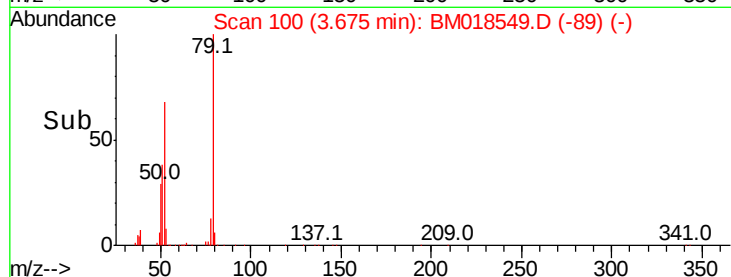
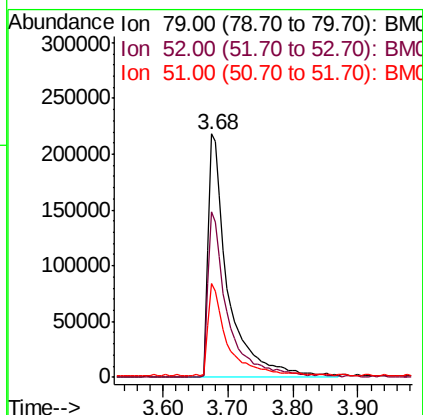
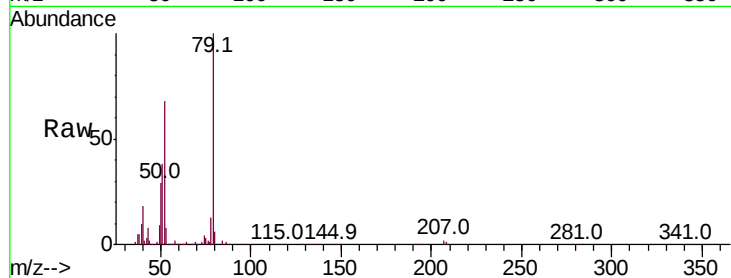




#3
 Pvridine
 Concen: 29.114 ng
 RT: 3.68 min Scan# 100
 Delta R.T. -0.04 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

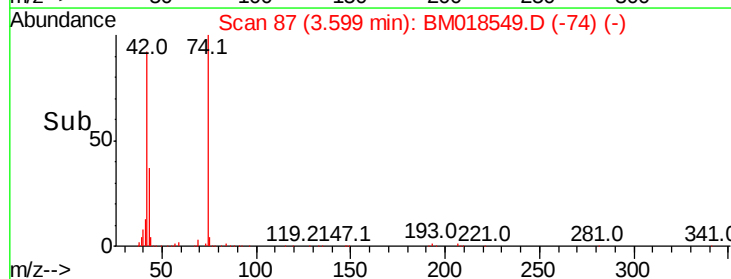
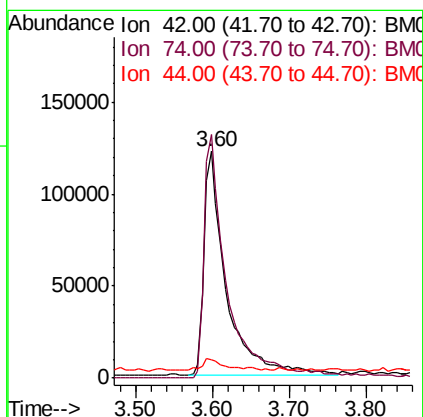
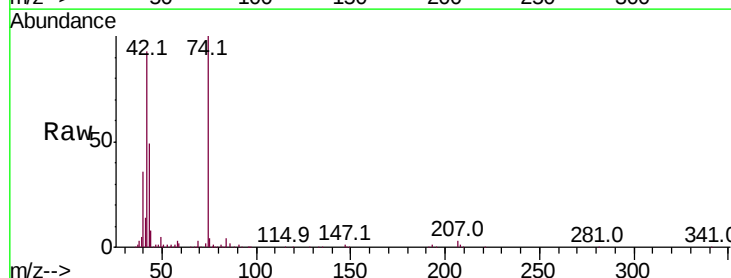
Instrument :
 BNA_M
 ClientSampleId :

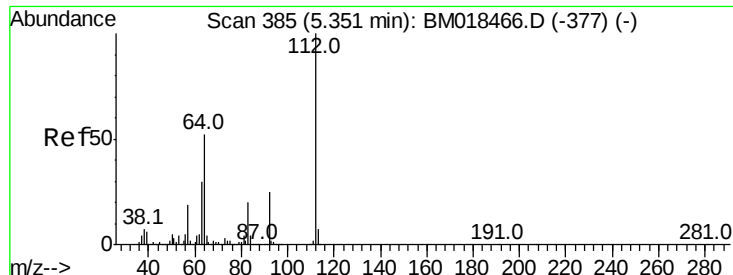
Tot Ion: 79 Resp: 455085
 Ion Ratio Lower Upper
 79 100
 52 67.9 56.4 84.6
 51 38.5 31.0 46.4



#4
 n-Nitrosodimethylamine
 Concen: 38.145 ng
 RT: 3.60 min Scan# 87
 Delta R.T. -0.02 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion: 42 Resp: 246553
 Ion Ratio Lower Upper
 42 100
 74 107.6 88.6 132.8
 44 8.2 16.9 25.3#





#5

2-Fluorophenol

Concen: 126.577 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

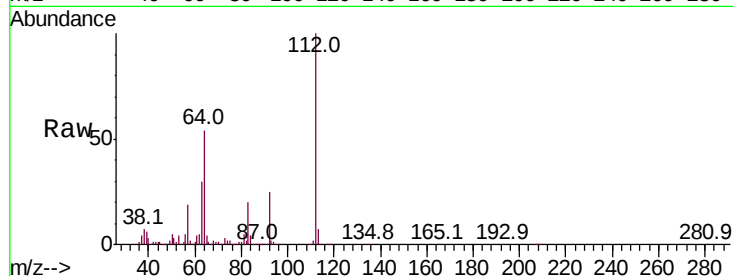
Tot Ion:112 Resp: 1947083

Ion Ratio Lower Upper

112 100

64 53.9 46.5 69.7

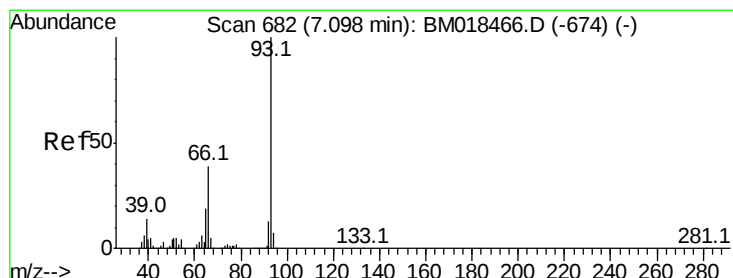
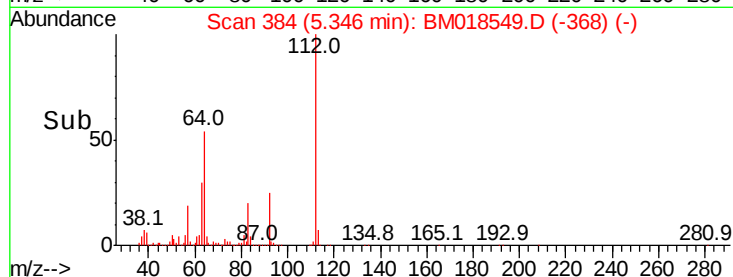
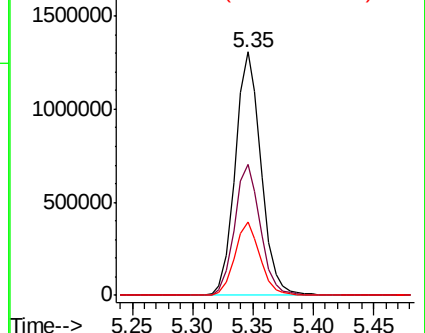
63 30.2 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 14.213 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

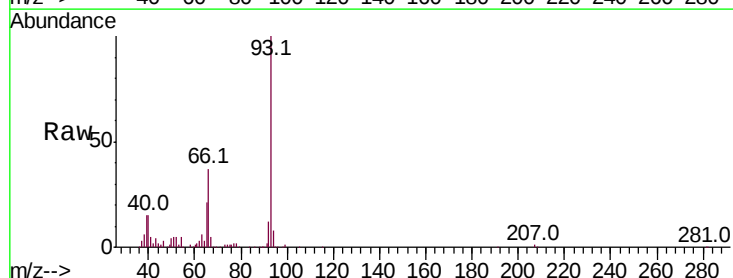
Tgt Ion: 93 Resp: 309757

Ion Ratio Lower Upper

93 100

66 37.0 31.7 47.5

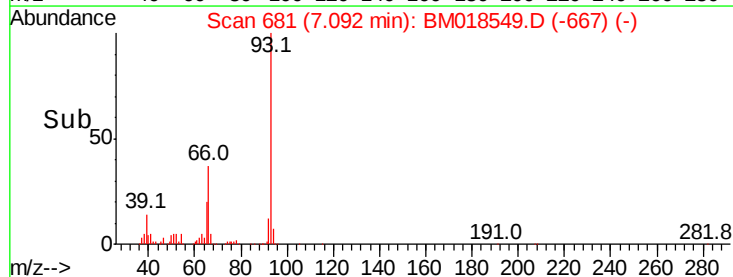
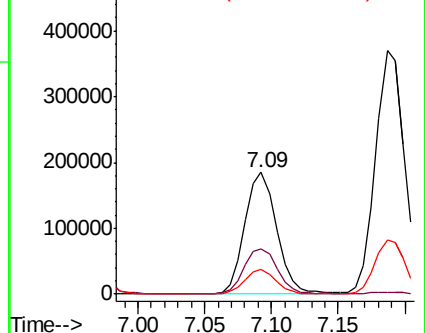
65 20.7 15.9 23.9

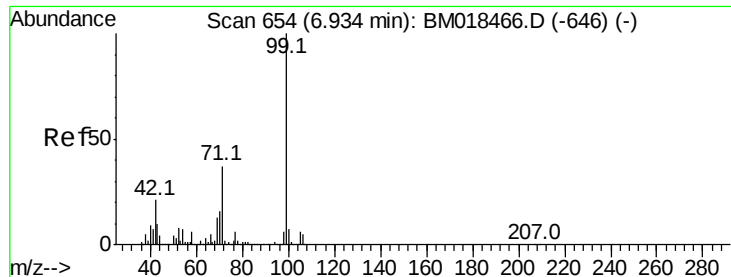


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 133.567 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

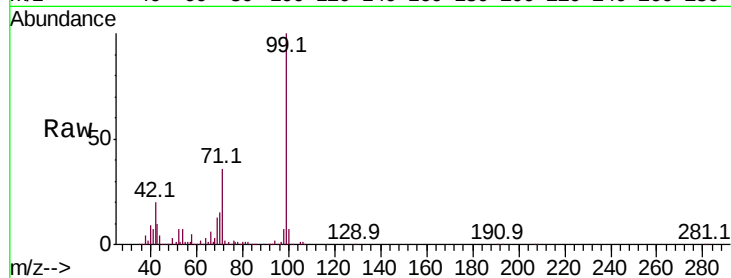
Tot Ion: 99 Resp: 2609596

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

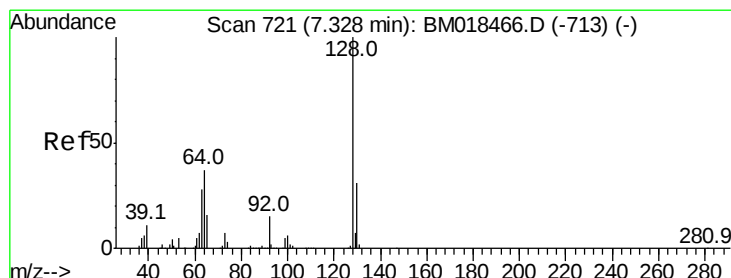
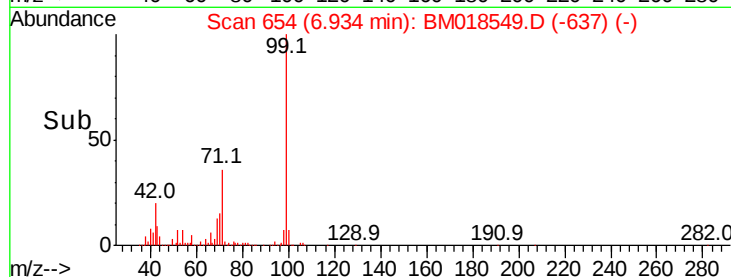
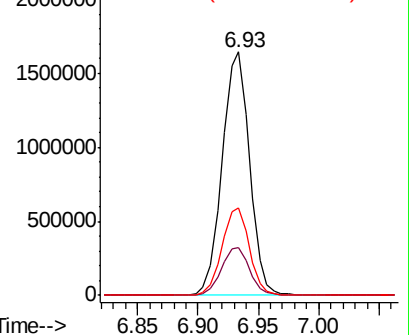
71 36.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 41.600 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

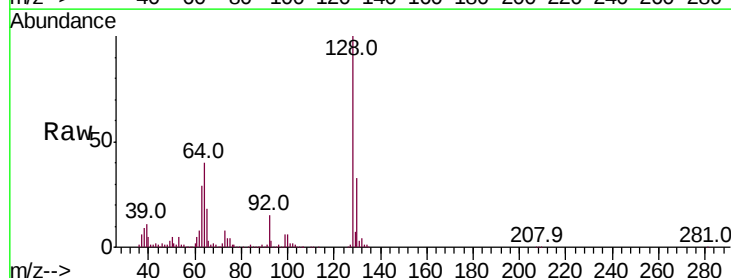
Tgt Ion:128 Resp: 747375

Ion Ratio Lower Upper

128 100

130 32.7 13.6 53.6

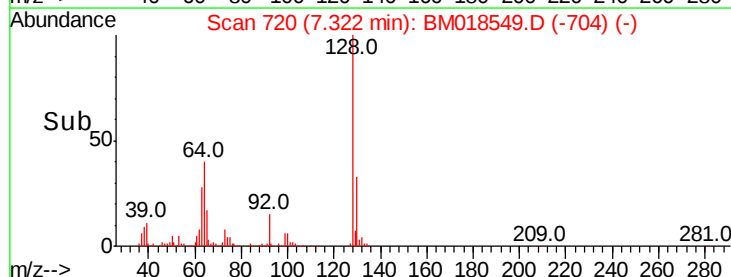
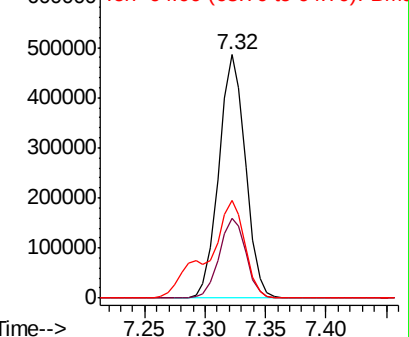
64 40.1 24.8 64.8

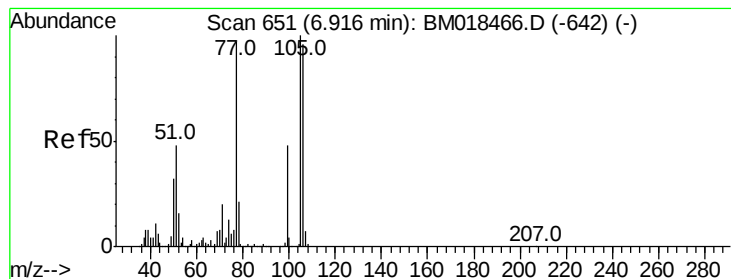


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 15.398 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

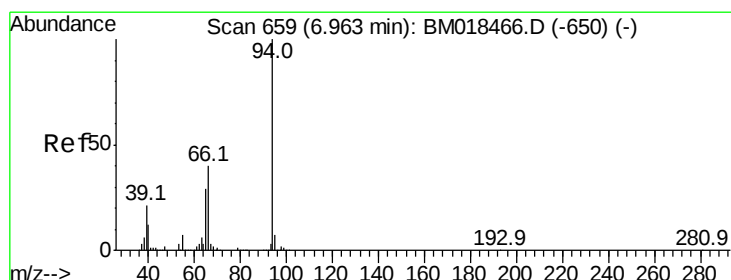
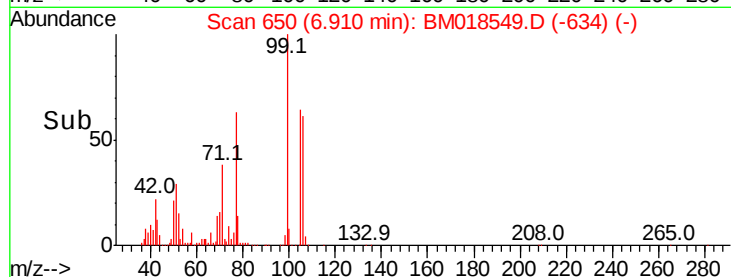
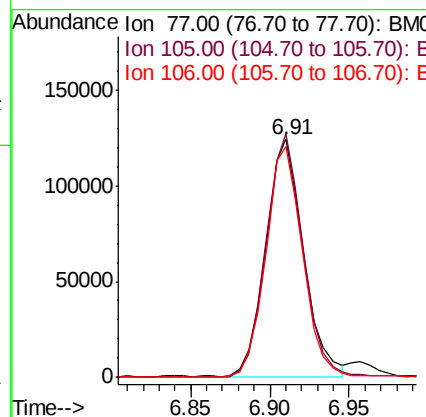
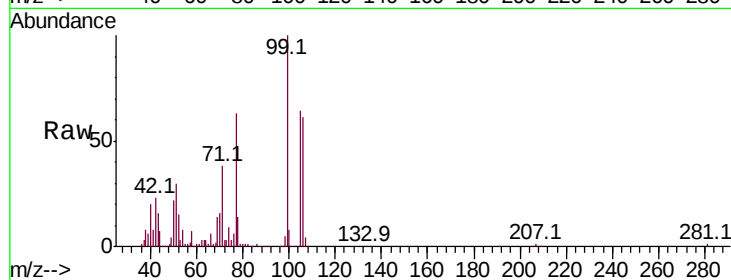
Tot Ion: 77 Resp: 204587

Ion Ratio Lower Upper

77 100

105 102.2 79.7 119.7

106 96.6 75.2 115.2



#10

Phenol

Concen: 43.307 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

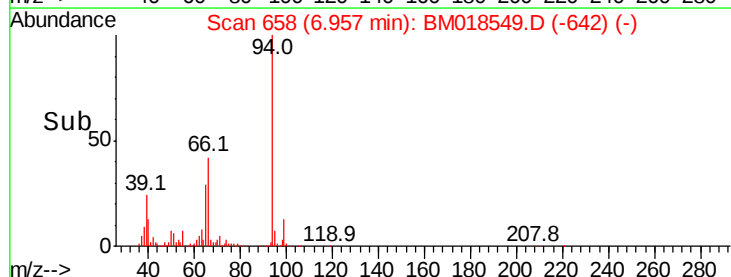
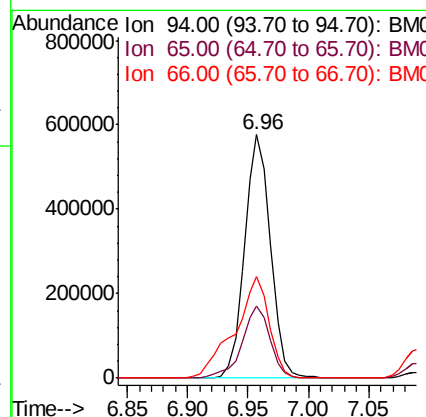
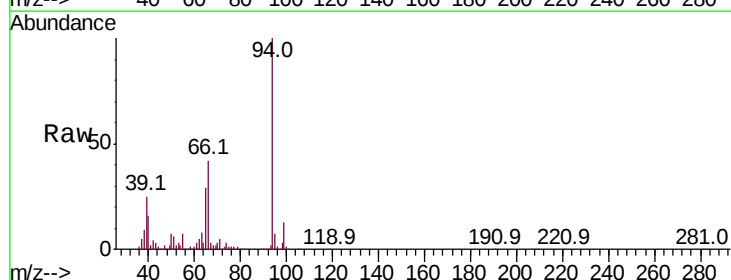
Tgt Ion: 94 Resp: 859794

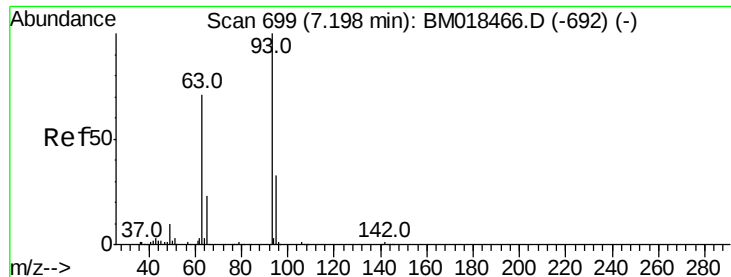
Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

66 41.7 19.1 59.1





#11

bis(2-Chloroethyl)ether

Concen: 35.534 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

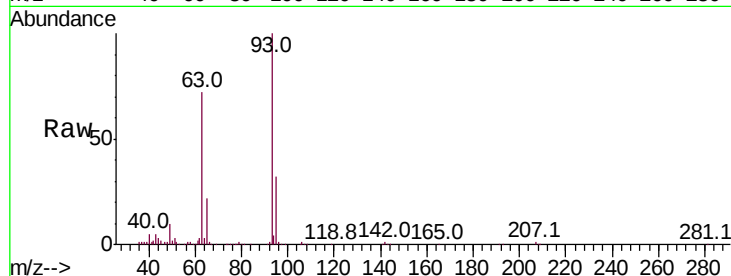
Tot Ion: 93 Resp: 554336

Ion Ratio Lower Upper

93 100

63 71.7 56.4 96.4

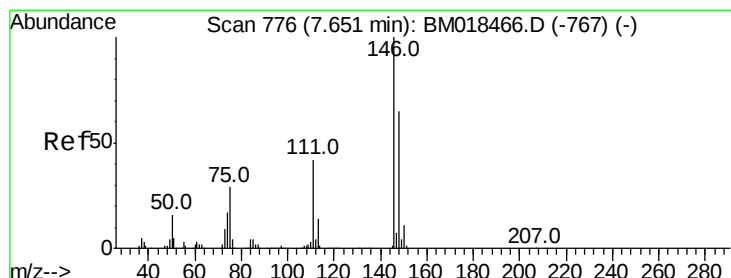
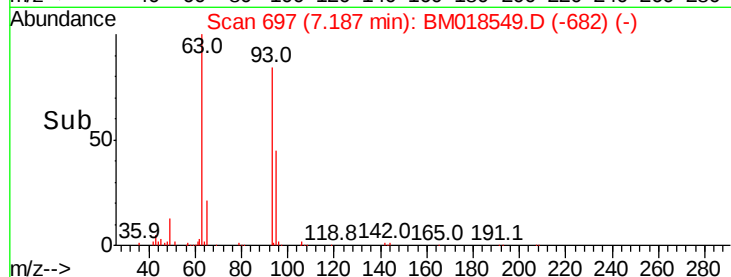
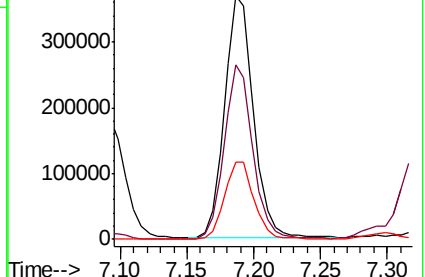
95 31.6 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)

Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)



#12

1,3-Dichlorobenzene

Concen: 33.616 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

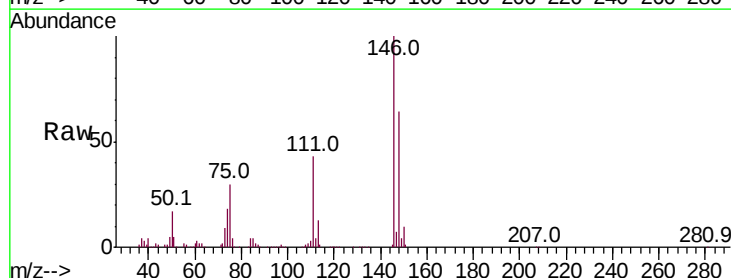
Tgt Ion: 146 Resp: 719241

Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

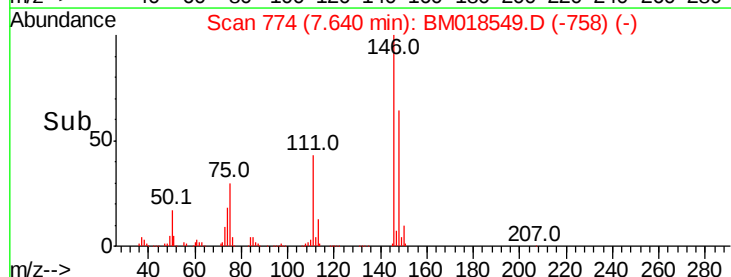
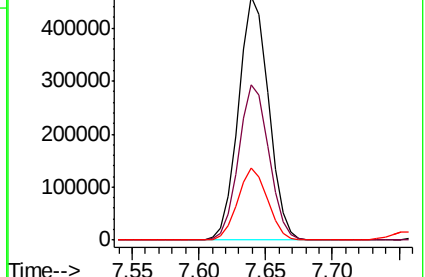
75 29.8 23.0 34.6

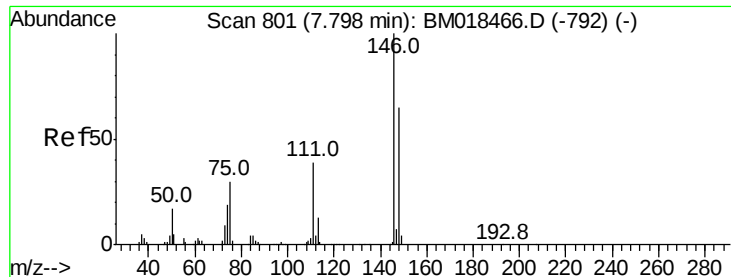


Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)

Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)

Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)

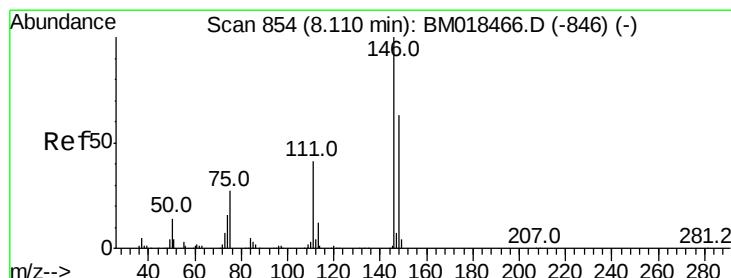
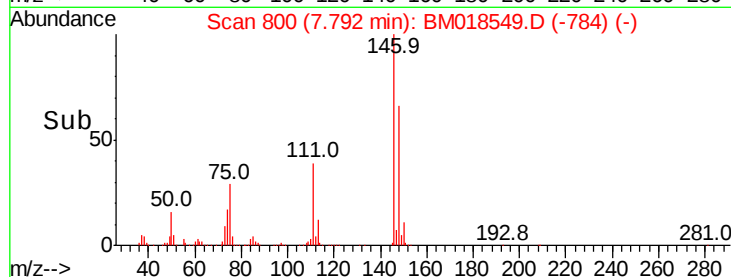
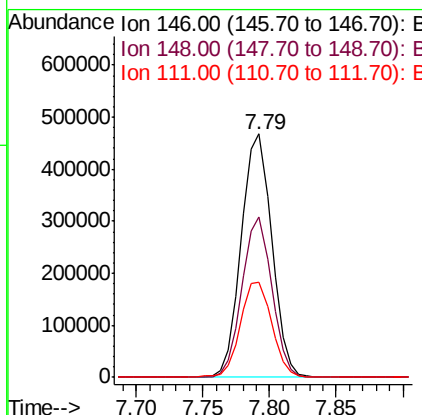
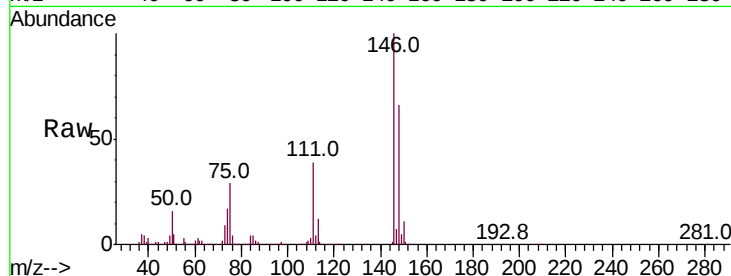




#13
 1,4-Dichlorobenzene
 Concen: 34.103 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

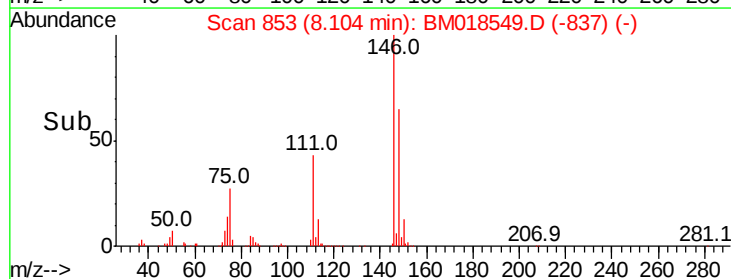
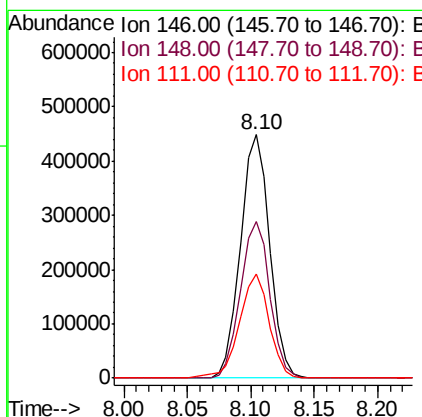
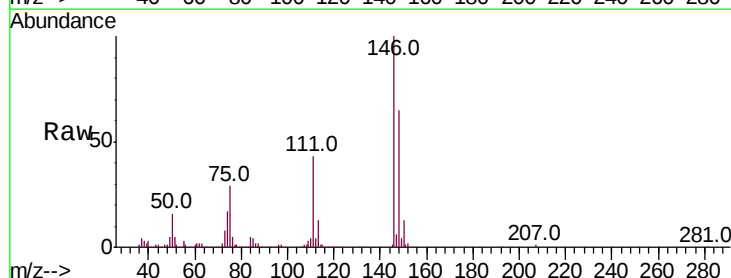
Instrument :
 BNA_M
 ClientSampleId :

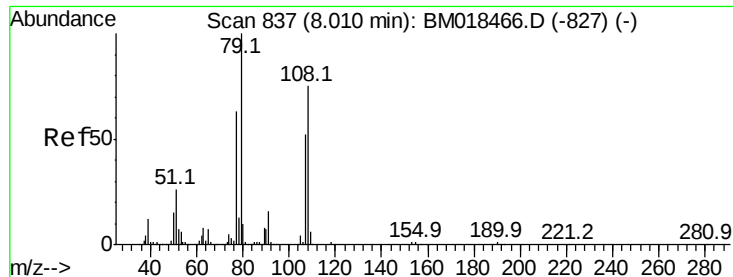
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.8	76.2
111	38.9	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 34.761 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	42.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.132 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

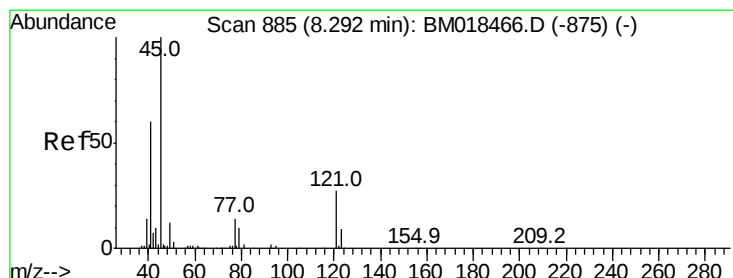
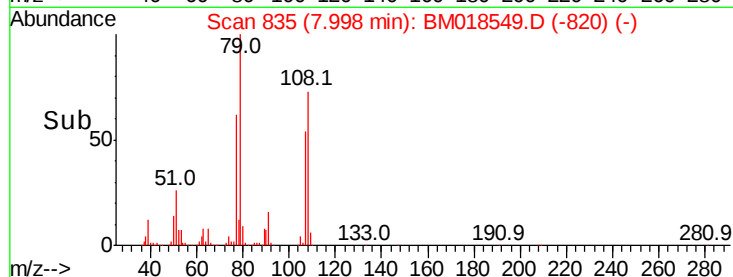
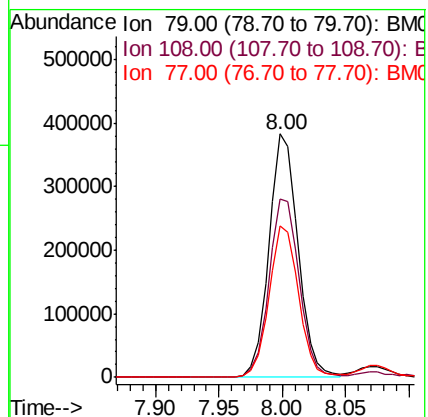
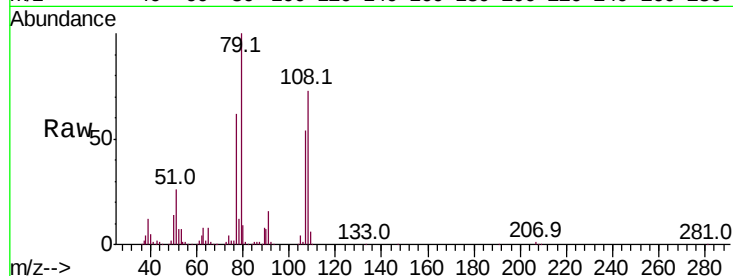
Tot Ion: 79 Resp: 608658

Ion Ratio Lower Upper

79 100

108 73.2 60.4 90.6

77 62.1 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.045 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

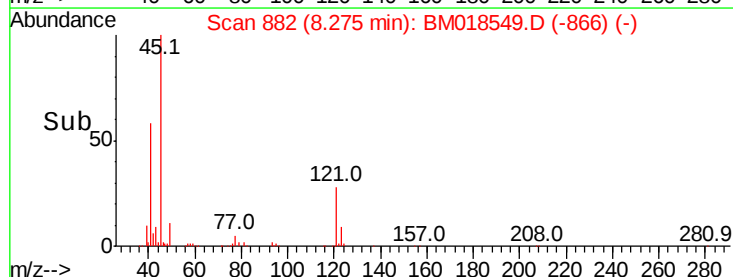
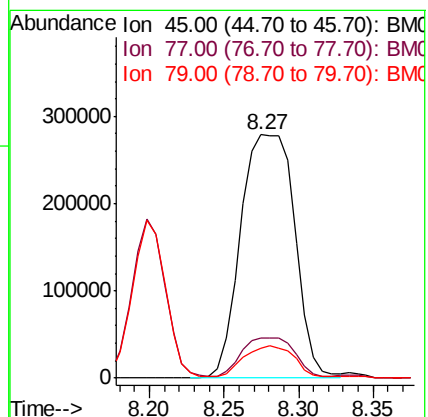
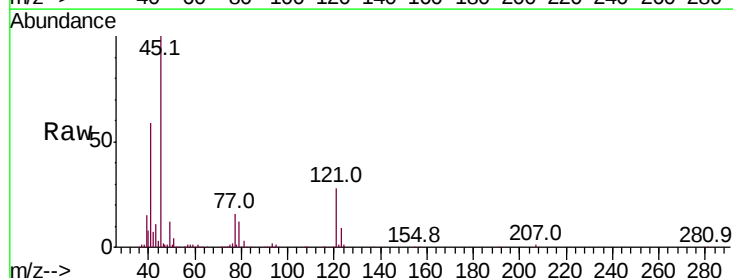
Tgt Ion: 45 Resp: 698658

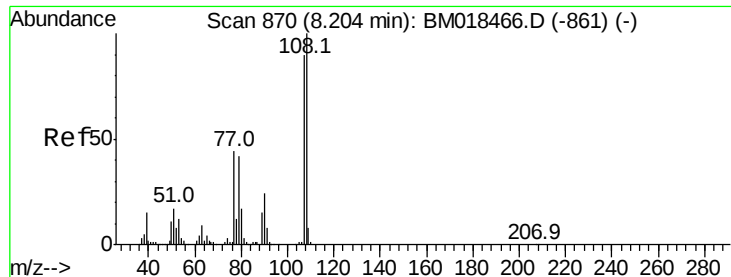
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.4

79 12.3 0.0 31.1





#17

2-Methylphenol

Concen: 44.713 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 602570

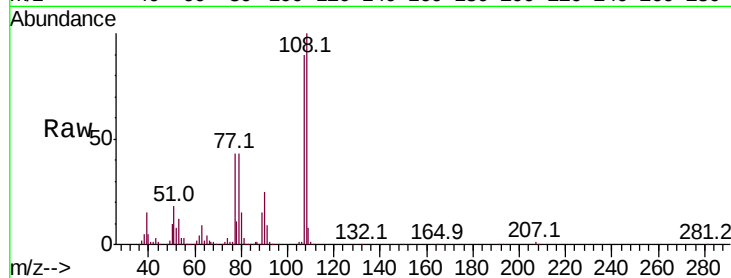
Ion Ratio Lower Upper

107 100

108 110.6 87.5 131.3

77 47.8 37.3 55.9

79 47.6 36.4 54.6



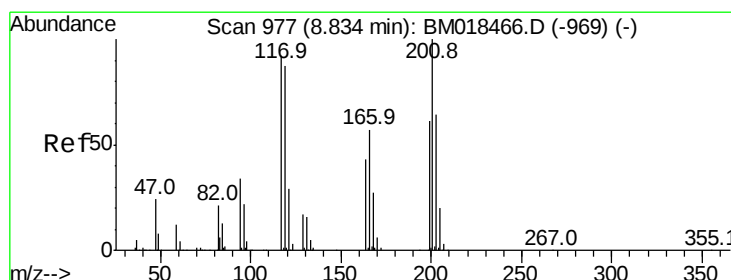
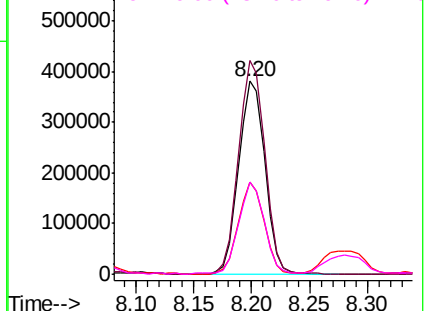
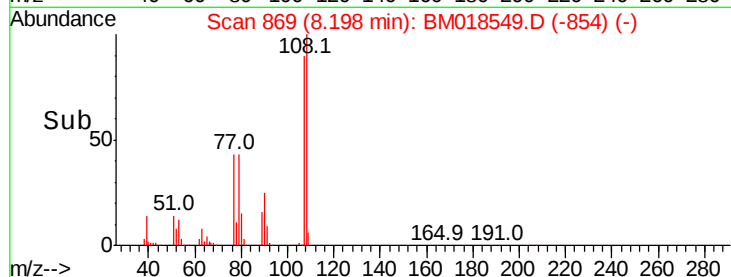
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 33.971 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

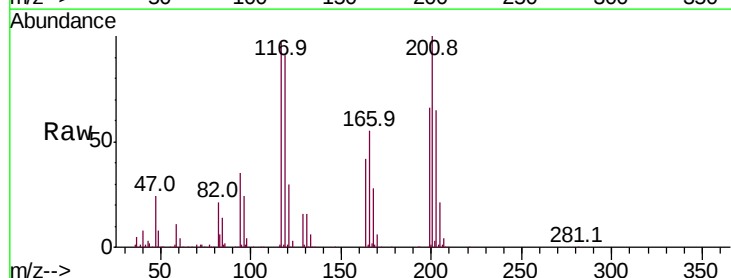
Tgt Ion:117 Resp: 262664

Ion Ratio Lower Upper

117 100

119 94.4 78.3 117.5

201 103.4 81.4 122.0

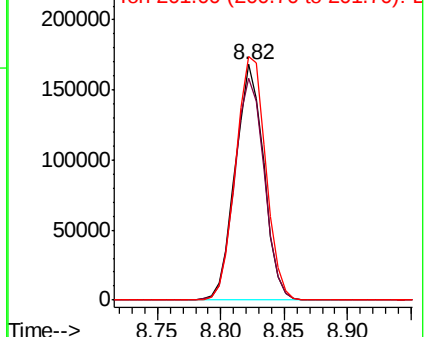
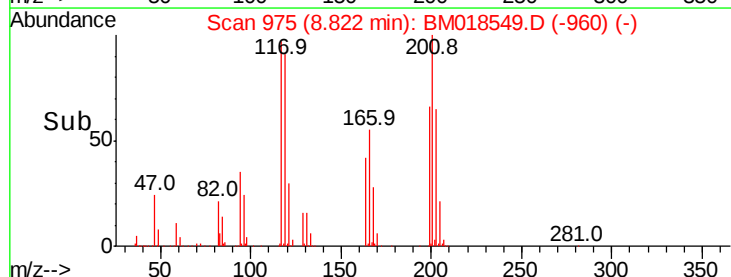


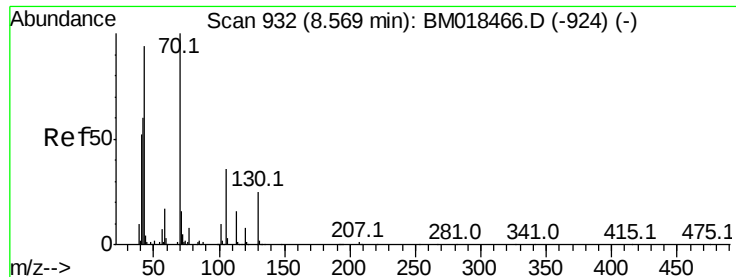
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

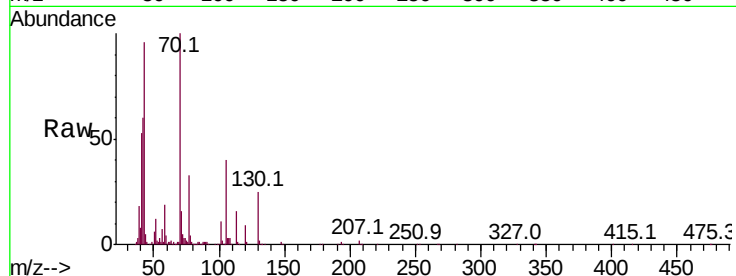




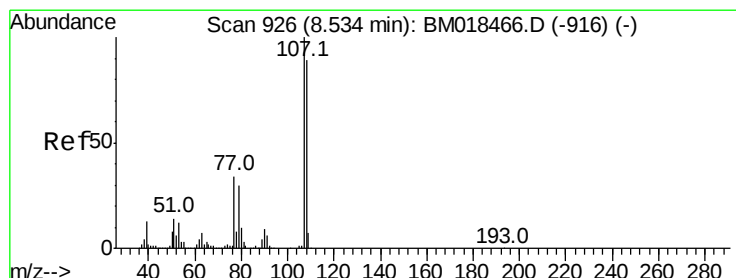
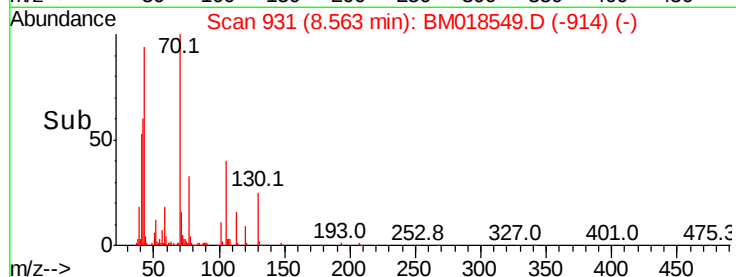
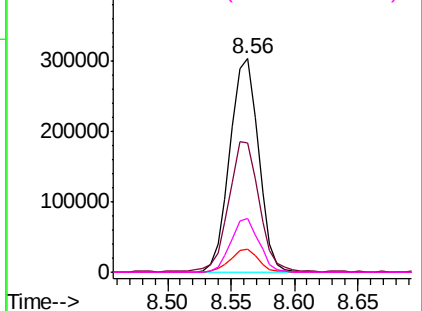
#19
n-Nitroso-di-n-propylamine
Concen: 37.509 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	476914
Ion	Ratio	Lower	Upper
70	100		
42	60.5	54.0	81.0
101	10.9	8.1	12.1
130	25.3	17.8	26.6

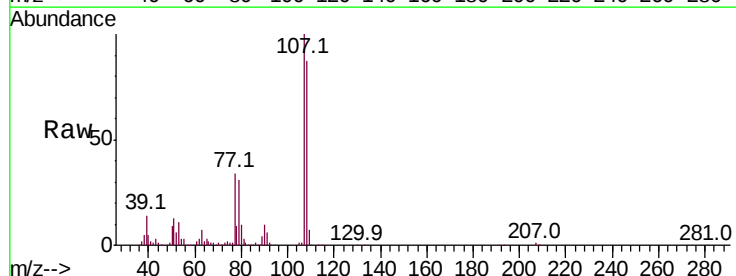


Abundance Ion 70.00 (69.70 to 70.70): BM018466.D (-924) (-)
Ion 42.00 (41.70 to 42.70): BM018466.D (-924) (-)
Ion 101.00 (100.70 to 101.70): BM018466.D (-924) (-)
Ion 130.00 (129.70 to 130.70): BM018466.D (-924) (-)

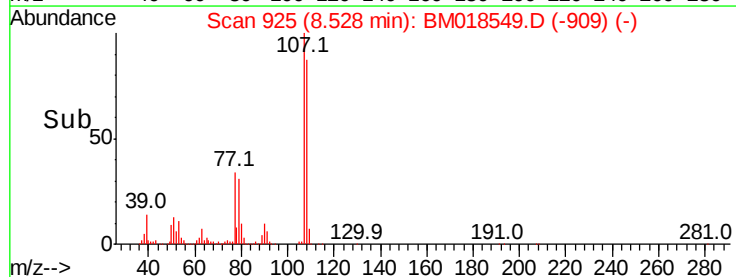
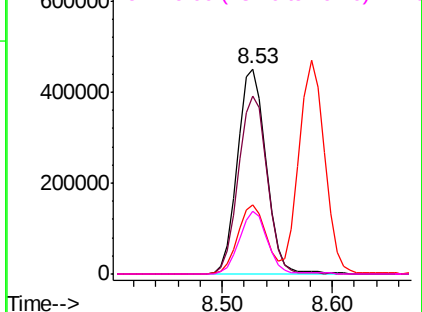


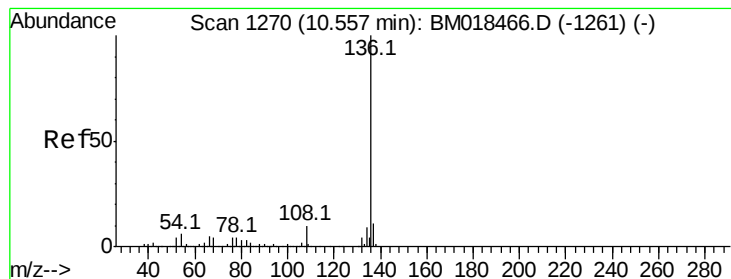
#20
3+4-Methylphenols
Concen: 44.434 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:	107	Resp:	826645
Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.8	106.8
77	33.7	13.3	53.3
79	30.7	8.8	48.8



Abundance Ion 107.00 (106.70 to 107.70): BM018466.D (-916) (-)
Ion 108.00 (107.70 to 108.70): BM018466.D (-916) (-)
Ion 77.00 (76.70 to 77.70): BM018466.D (-916) (-)
Ion 79.00 (78.70 to 79.70): BM018466.D (-916) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1252370

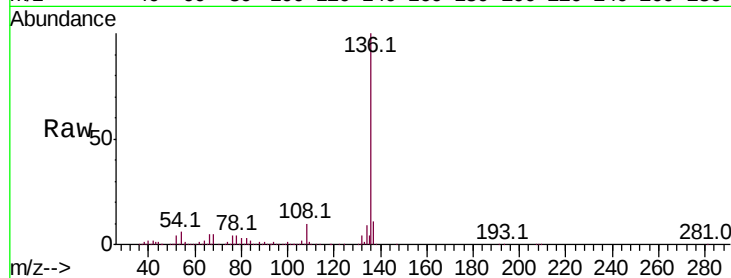
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.5	6.0	9.0
68	4.5	4.5	6.7

136 100

137 10.9 8.5 12.7

54 6.5 6.0 9.0

68 4.5 4.5 6.7



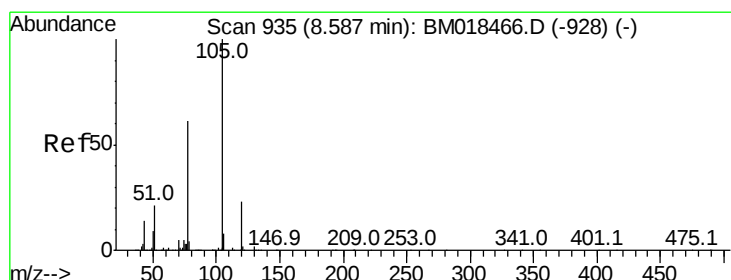
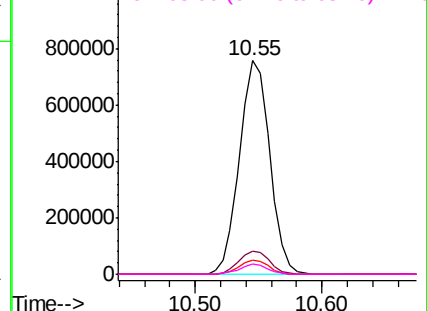
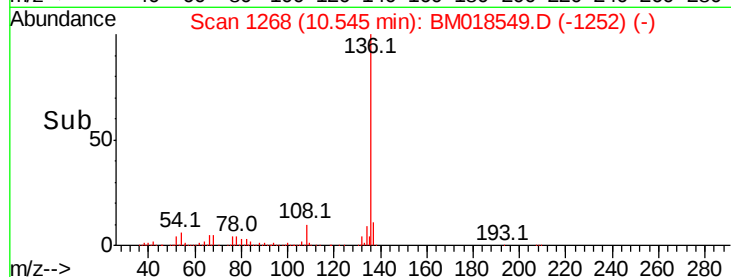
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 31.715 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion:105 Resp: 982533

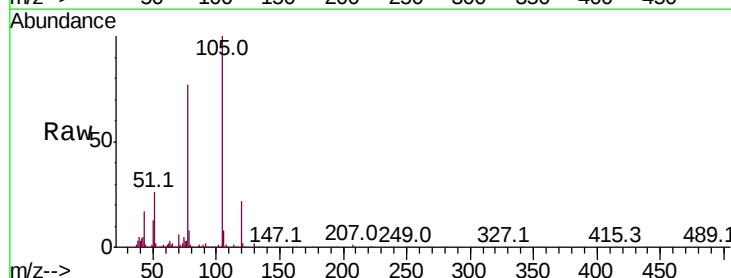
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.7	2.5#
51	26.3	22.6	34.0
120	22.5	18.3	27.5

105 100

71 1.1 1.7 2.5#

51 26.3 22.6 34.0

120 22.5 18.3 27.5



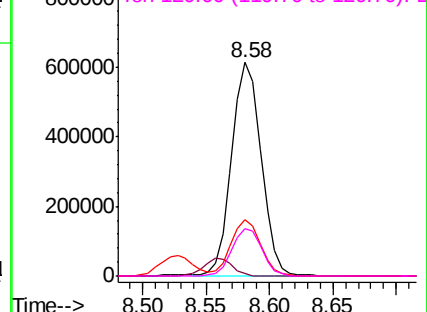
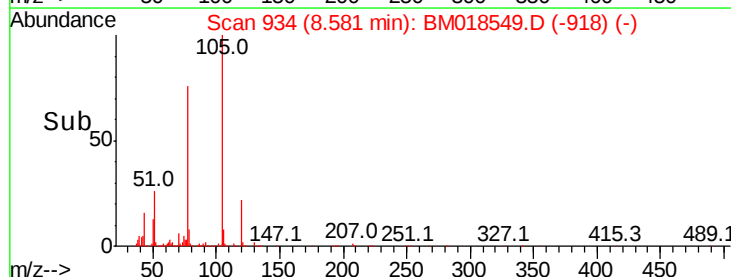
Abundance

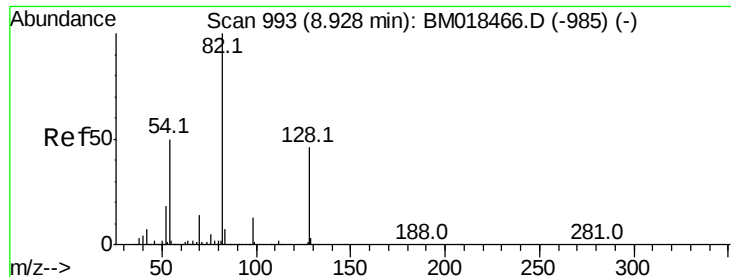
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

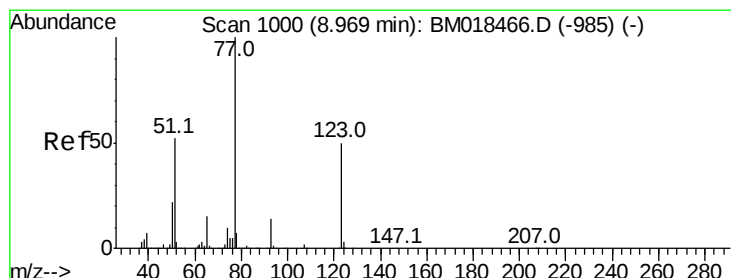
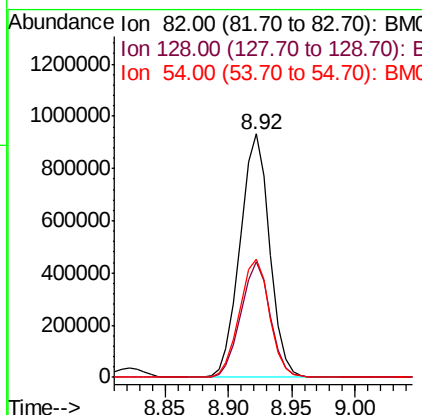
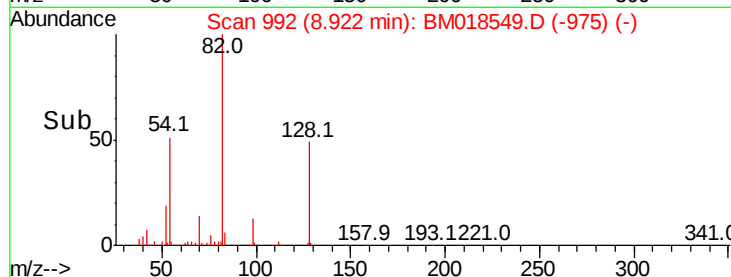
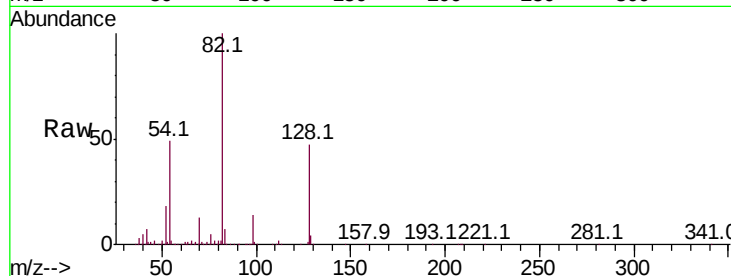




#23
Nitrobenzene-d5
Concen: 69.955 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

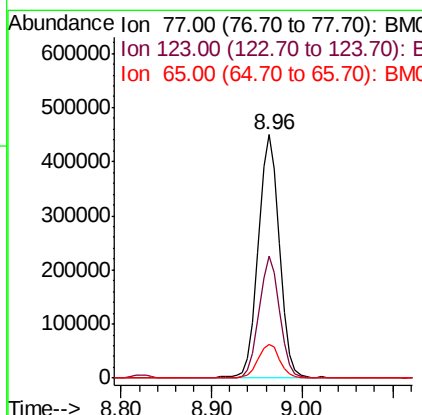
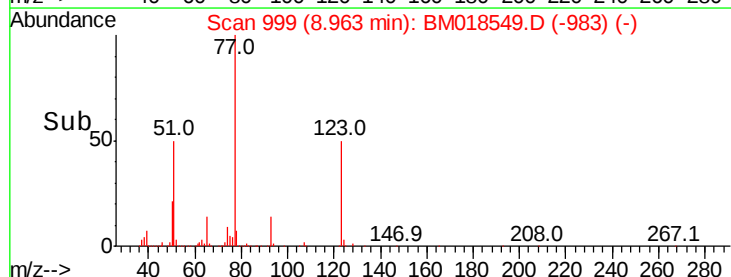
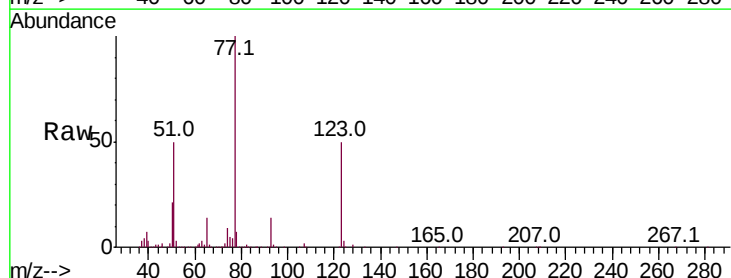
Instrument :
BNA_M
ClientSampleId :

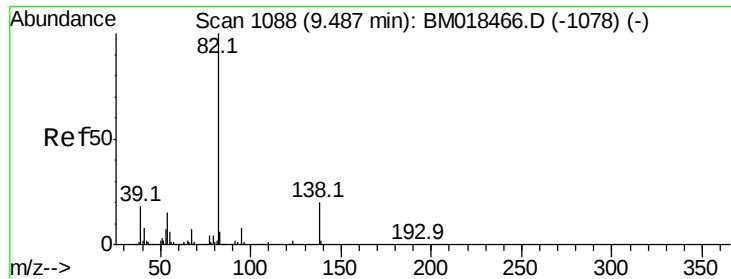
Tot Ion: 82 Resp: 1511261
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 48.8 41.7 62.5



#24
Nitrobenzene
Concen: 34.206 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion: 77 Resp: 727092
Ion Ratio Lower Upper
77 100
123 50.0 37.7 56.5
65 14.1 11.0 16.6





#25

Isophorone

Concen: 40.724 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

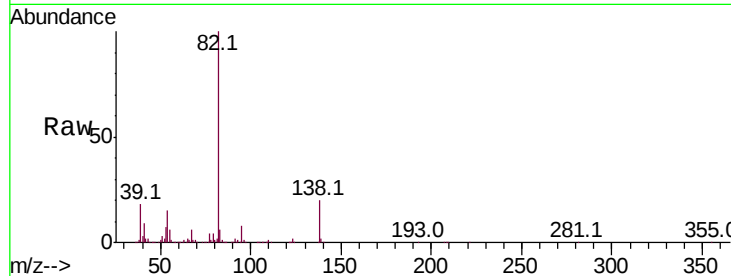
Tot Ion: 82 Resp: 1332241

Ion Ratio Lower Upper

82 100

95 8.4 6.1 9.1

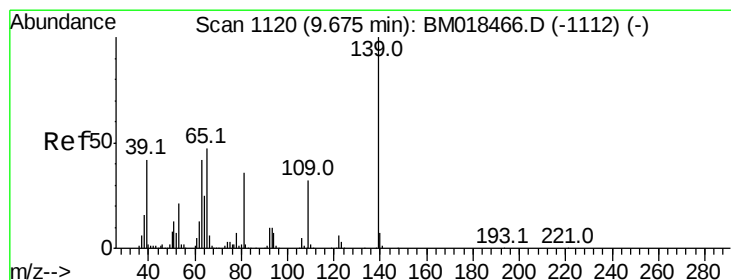
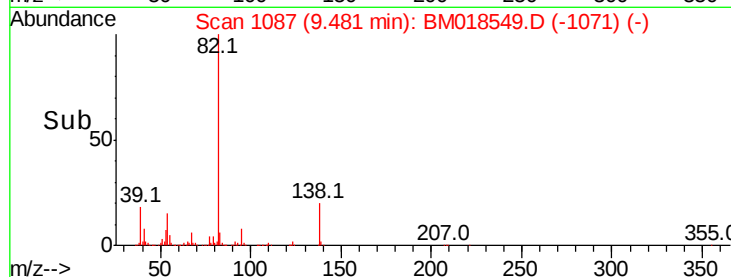
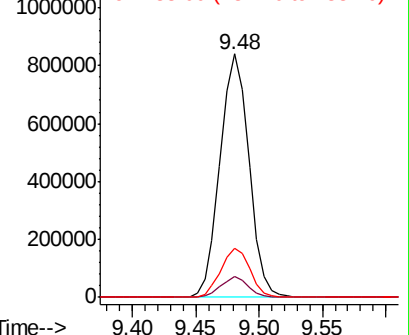
138 20.4 15.1 22.7



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

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 38.890 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

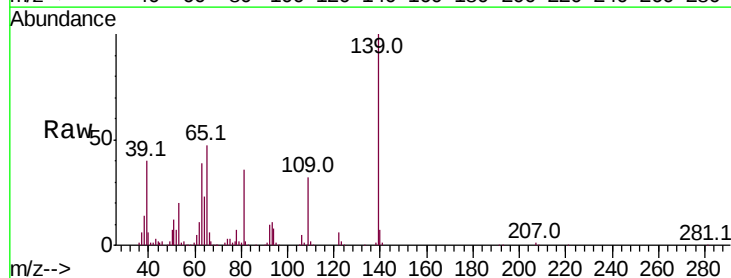
Tgt Ion: 139 Resp: 399719

Ion Ratio Lower Upper

139 100

109 31.6 23.4 35.2

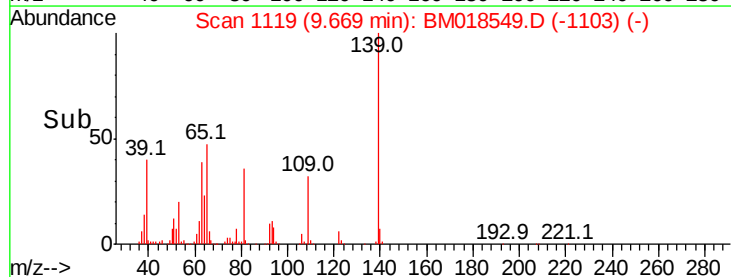
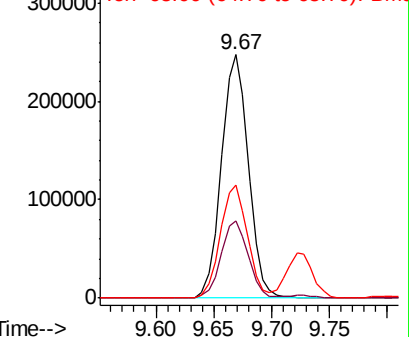
65 46.6 39.4 59.2

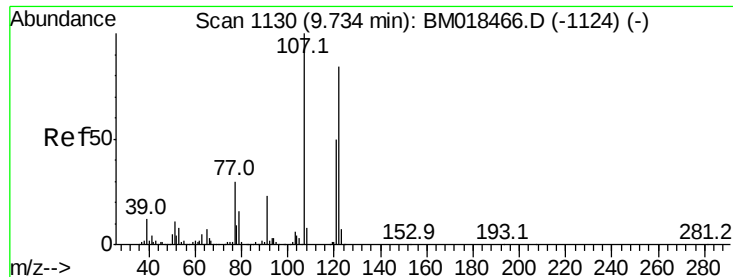


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

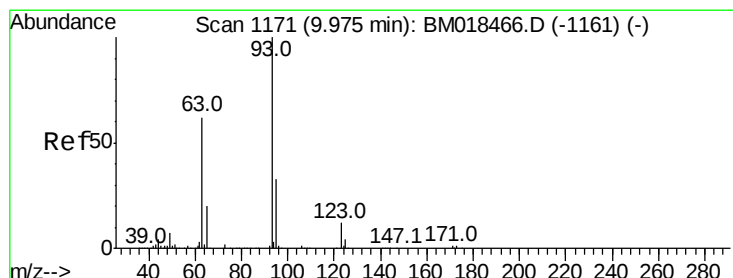
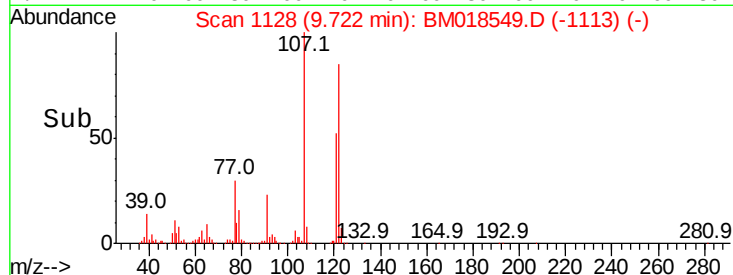
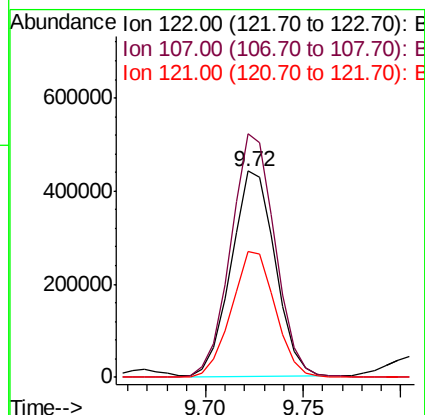
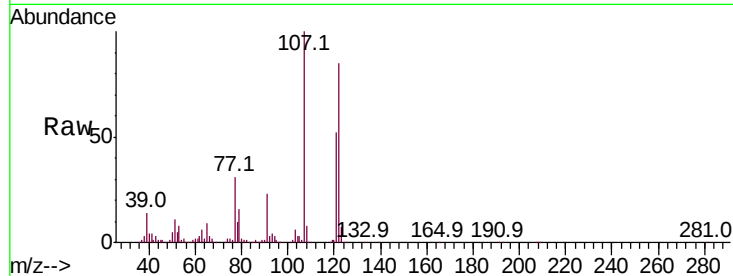




#27
2,4-Dimethylphenol
Concen: 44.646 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

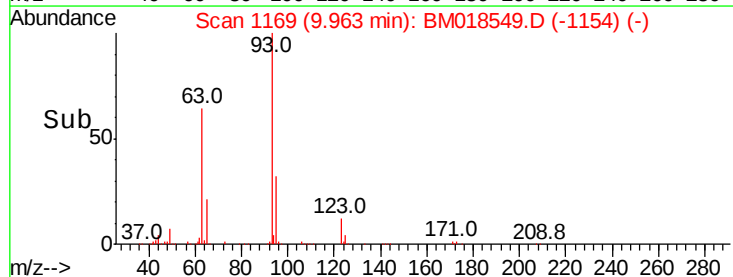
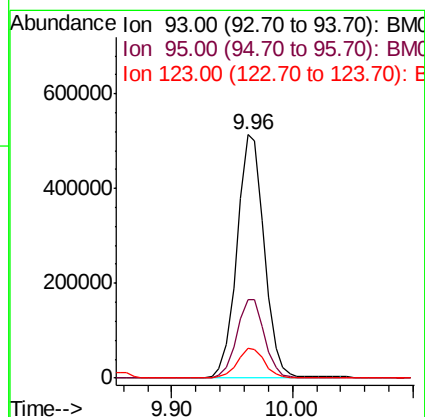
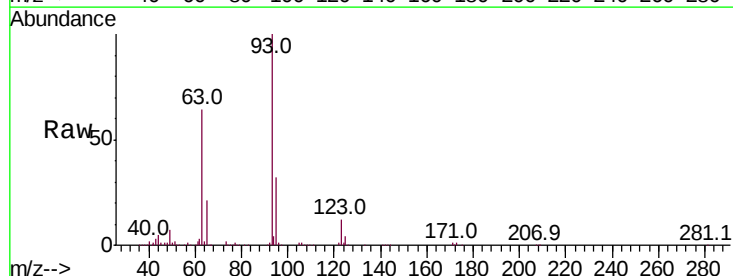
Instrument :
BNA_M
ClientSampleId :

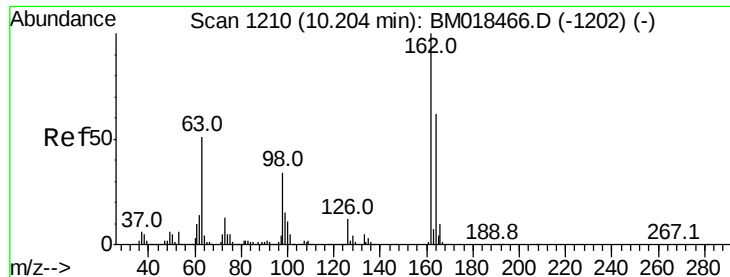
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	91.9	137.9
121	60.9	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 35.913 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	39.8
123	12.2	9.9	14.9

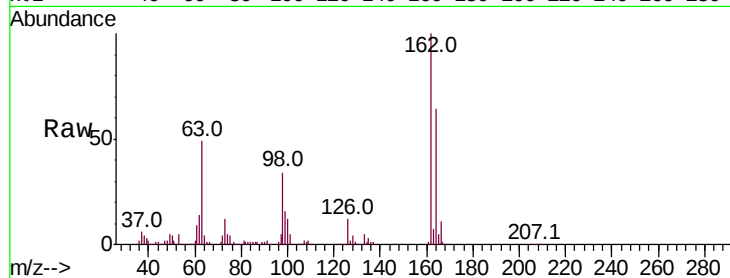




#29
2,4-Dichlorophenol
Concen: 41.168 ng
RT: 10.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.6	85.6
98	33.7	14.7	54.7

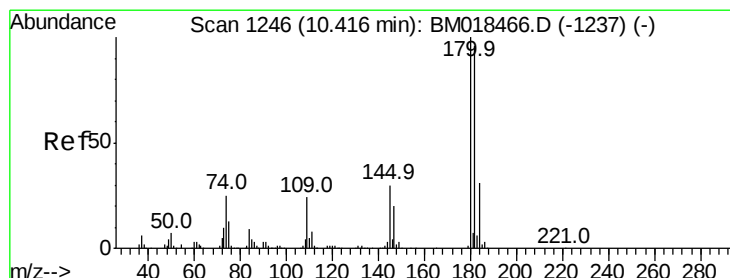
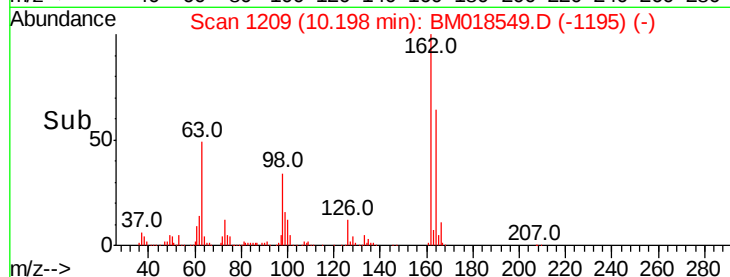
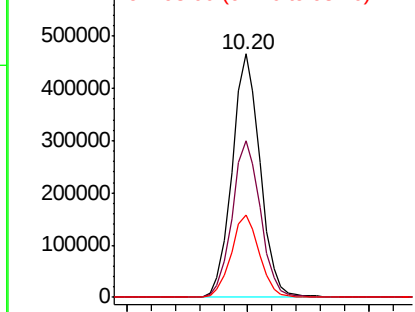


Abundance

Ion 162.00 (161.70 to 162.70): E

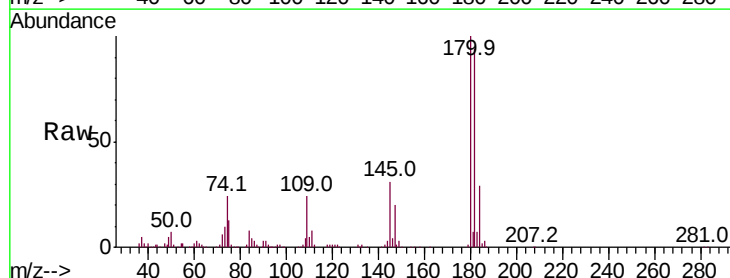
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 32.463 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.4	116.2
145	30.6	24.6	37.0

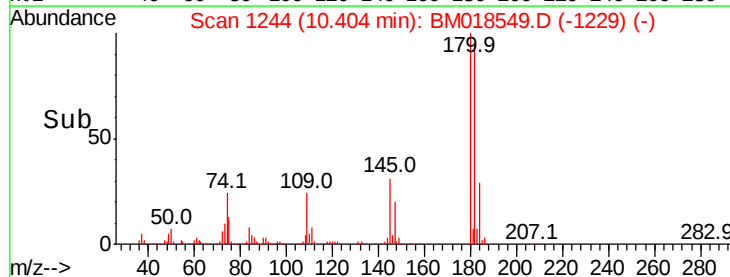
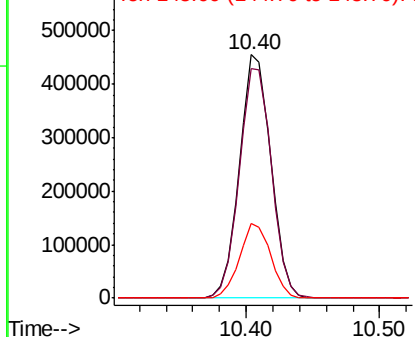


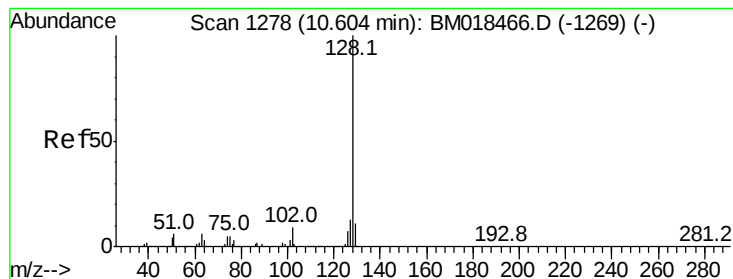
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.834 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

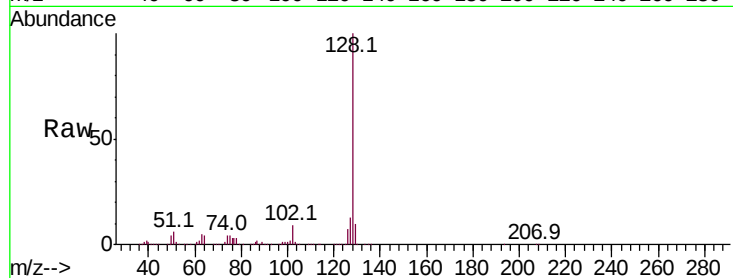
Tot Ion:128 Resp: 2221619

Ion Ratio Lower Upper

128 100

129 10.4 8.7 13.1

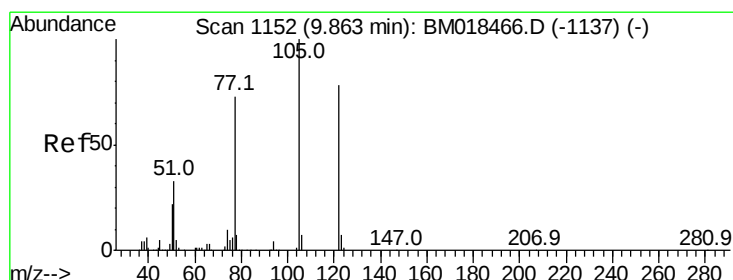
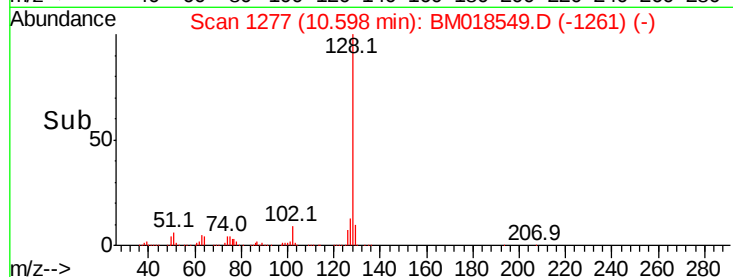
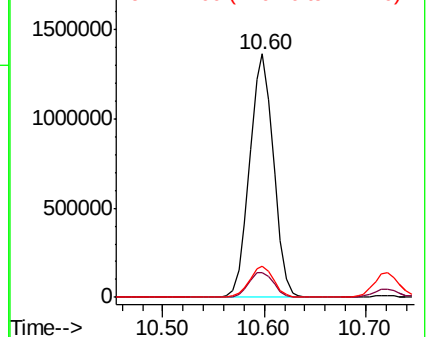
127 12.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.463 ng

RT: 9.86 min Scan# 1151

Delta R.T. -0.05 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

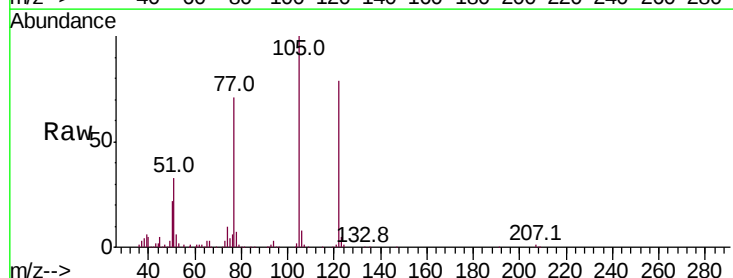
Tgt Ion:122 Resp: 419461

Ion Ratio Lower Upper

122 100

105 126.7 100.4 140.4

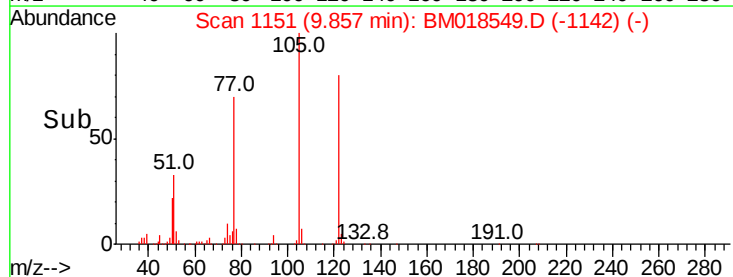
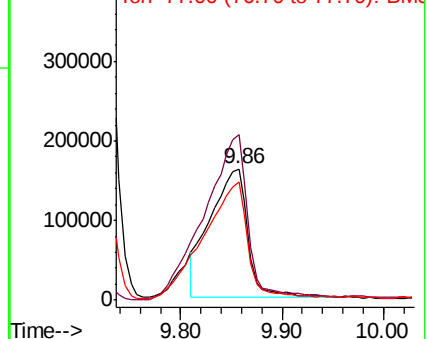
77 90.3 71.7 111.7

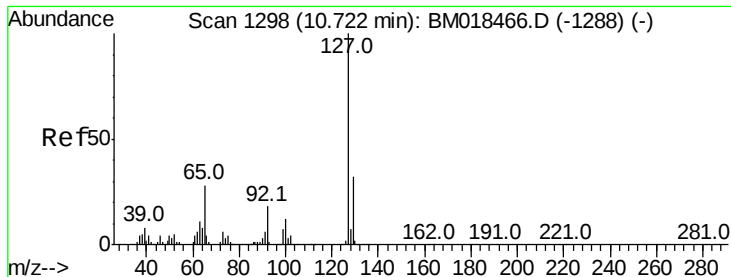


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

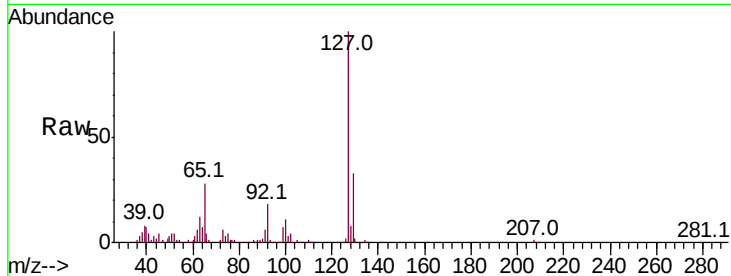




#33
4-Chloroaniline
Concen: 10.906 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	259065
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.8	23.4	35.2
92	18.3	14.5	21.7



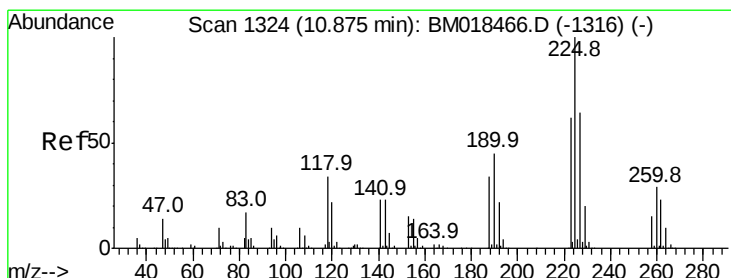
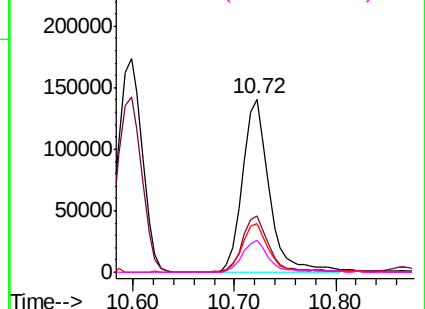
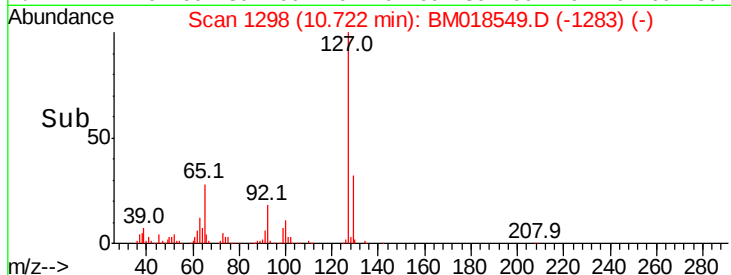
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

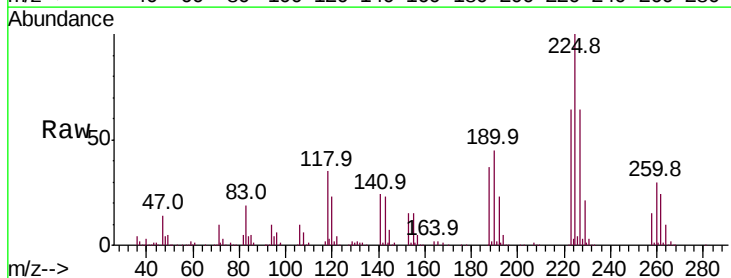
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 30.315 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:	225	Resp:	436079
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.8	76.2
227	64.1	50.4	75.6

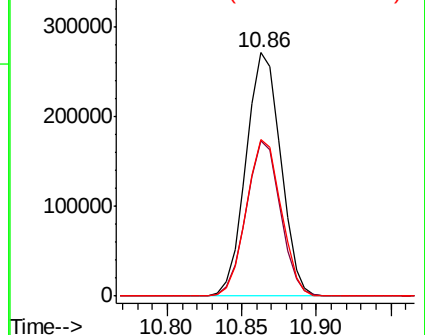
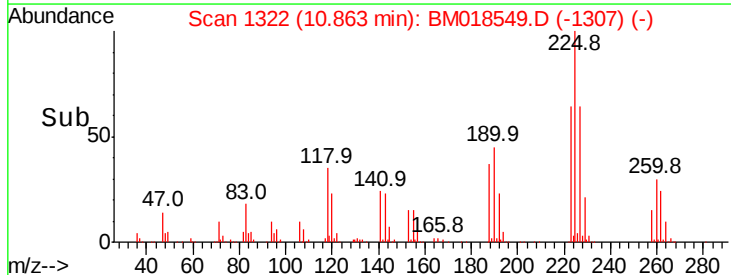


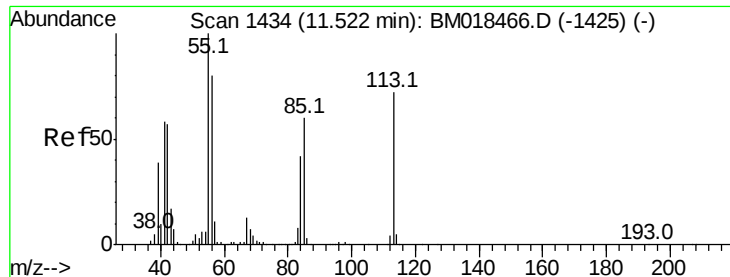
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.893 ng

RT: 11.52 min Scan# 1433

Delta R.T. -0.03 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

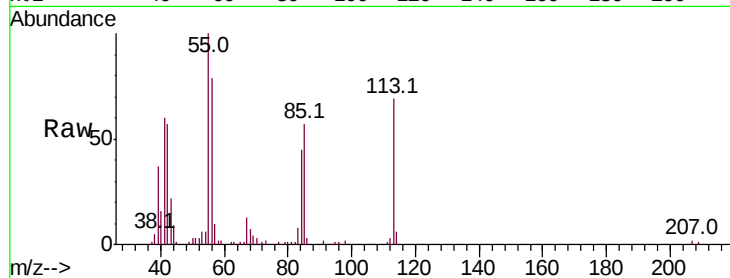
Tot Ion:113 Resp: 136549

Ion Ratio Lower Upper

113 100

55 144.2 139.3 179.3

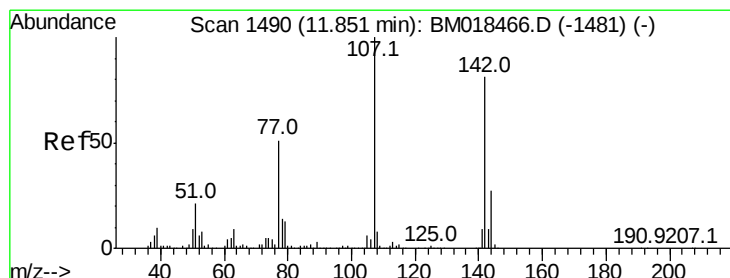
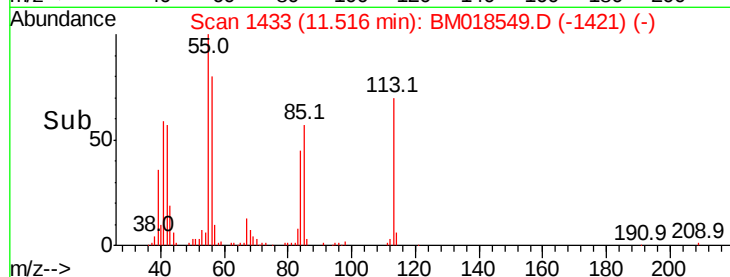
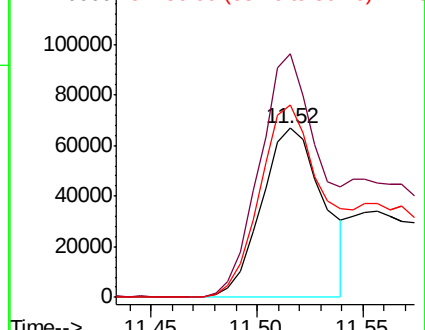
56 114.1 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.509 ng

RT: 11.85 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

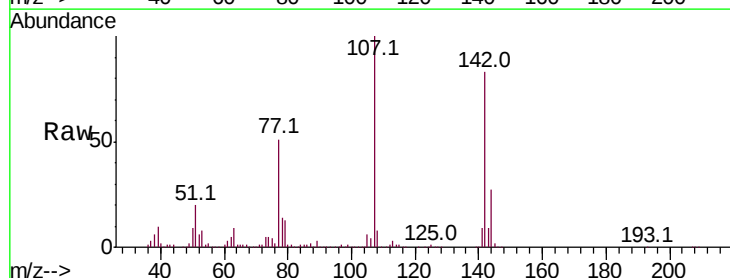
Tgt Ion:107 Resp: 818115

Ion Ratio Lower Upper

107 100

144 27.1 21.9 32.9

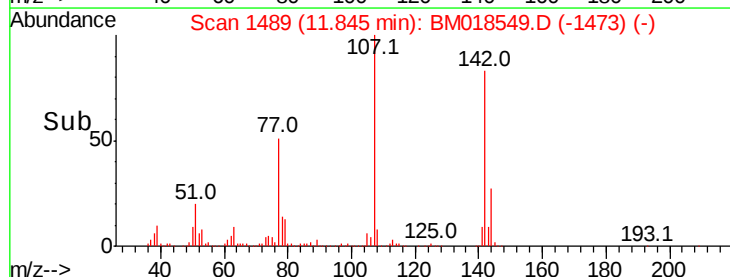
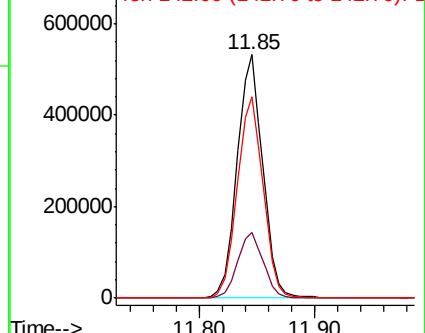
142 82.6 67.9 101.9

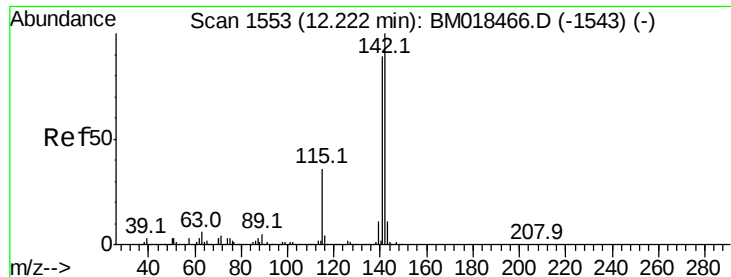


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

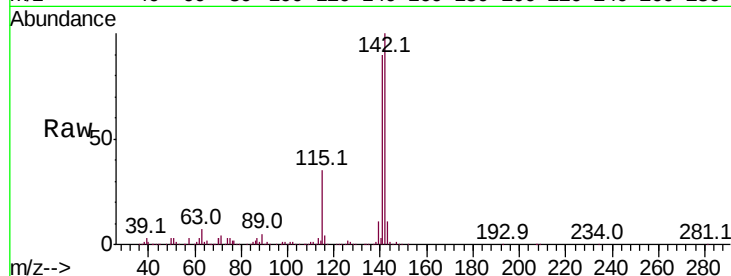




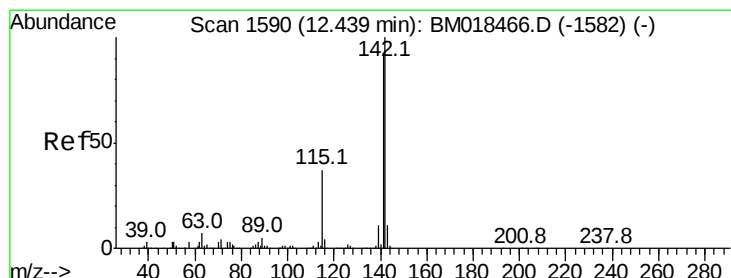
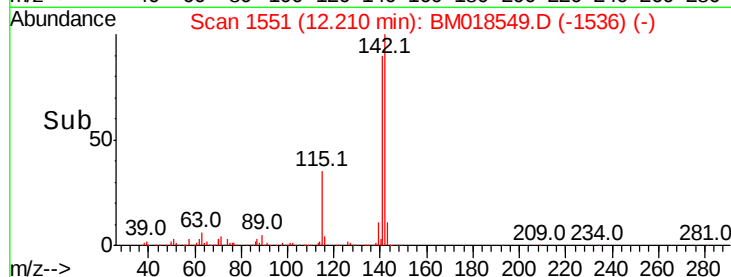
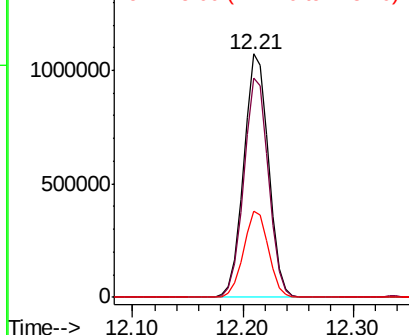
#37
2-Methylnaphthalene
Concen: 39.749 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 1693868
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.2
115 35.4 28.0 42.0

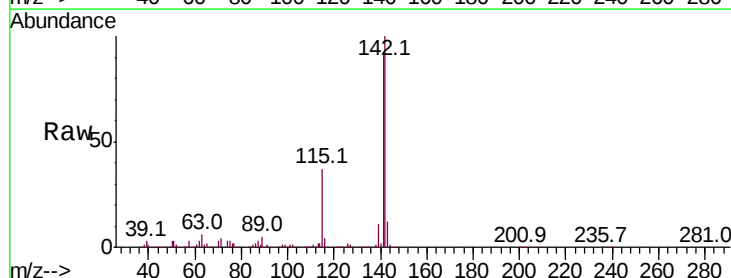


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

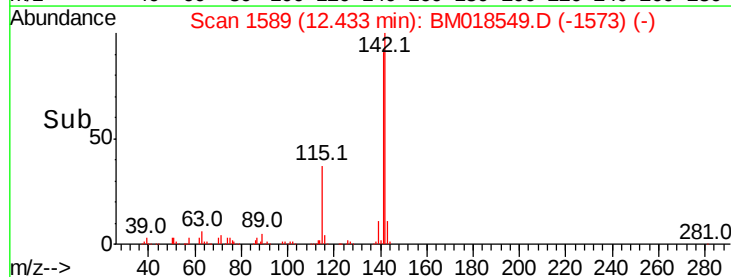
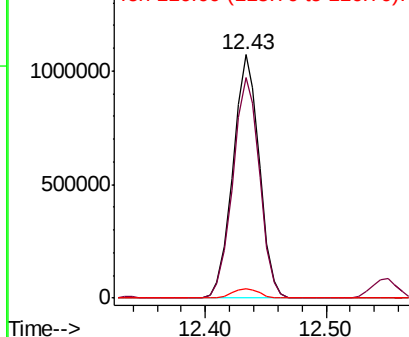


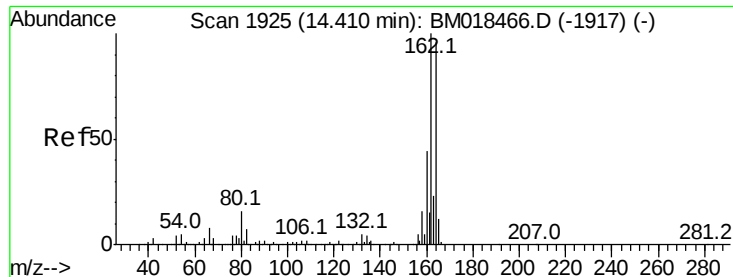
#38
1-Methylnaphthalene
Concen: 39.286 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:142 Resp: 1619879
Ion Ratio Lower Upper
142 100
141 90.8 75.6 113.4
116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

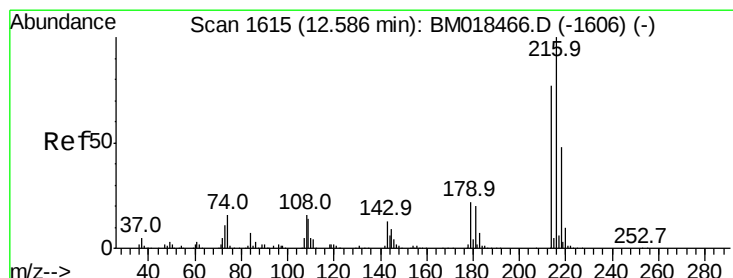
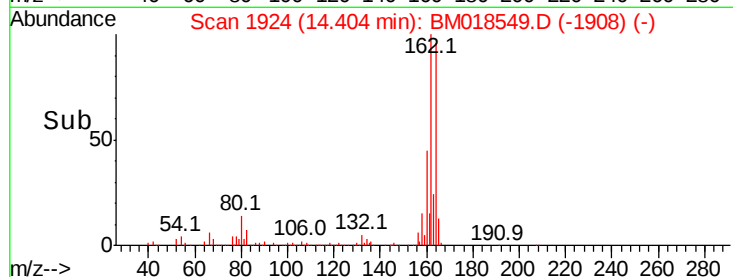
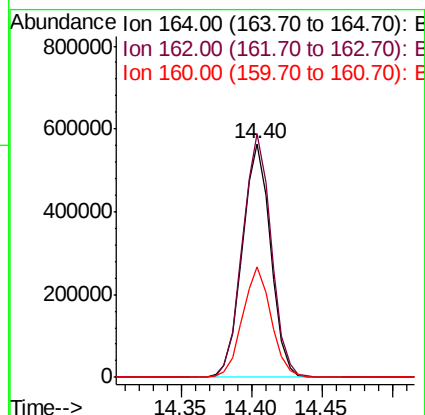
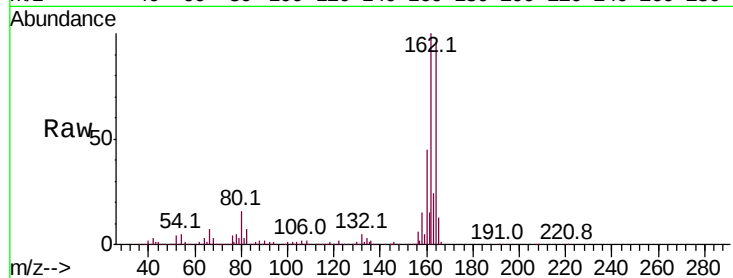




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

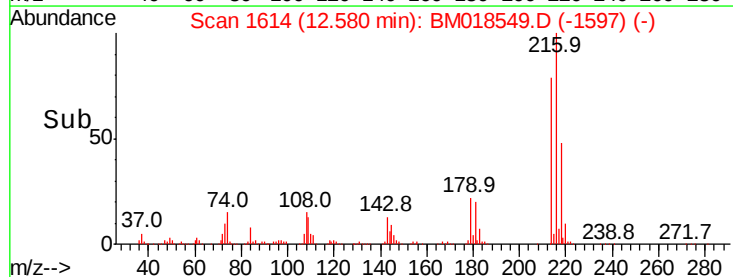
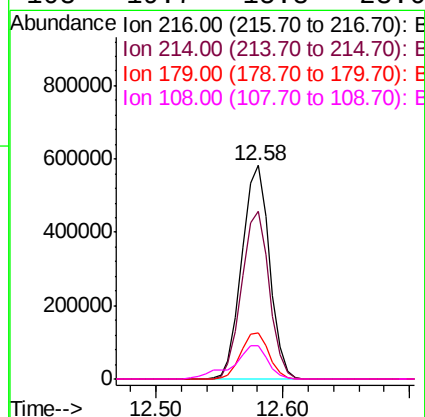
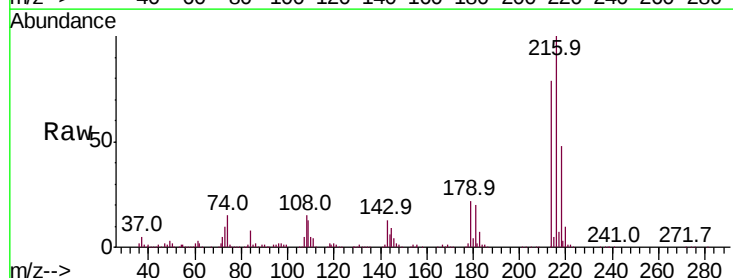
Instrument :
BNA_M
ClientSampleId :

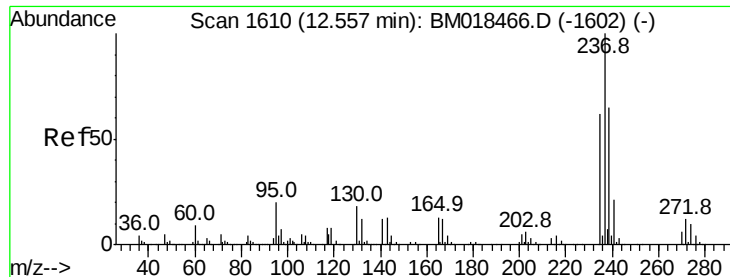
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	47.1	37.1	55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.871 ng
RT: 12.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.0
179	21.6	17.9	26.9
108	19.7	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 68.924 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

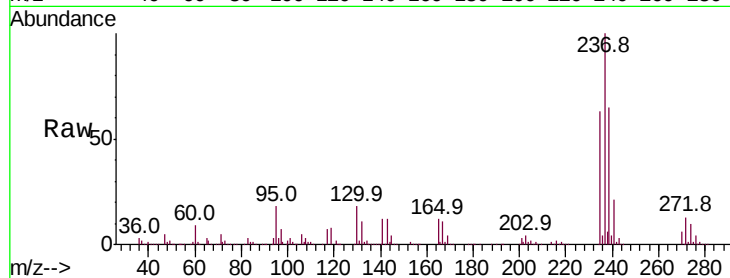
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 1046425

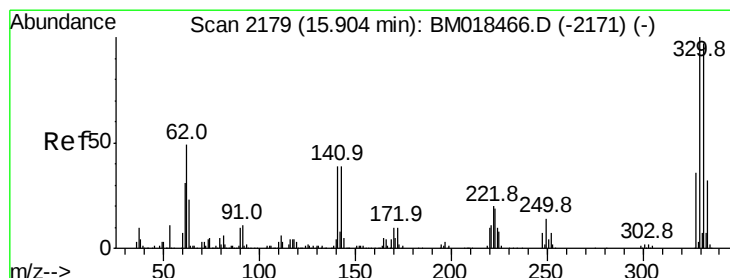
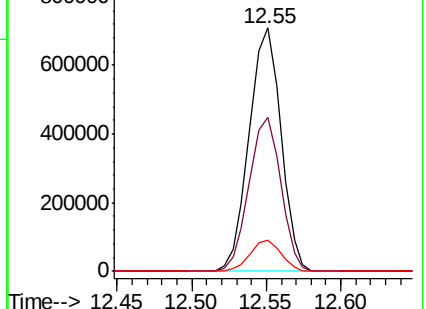
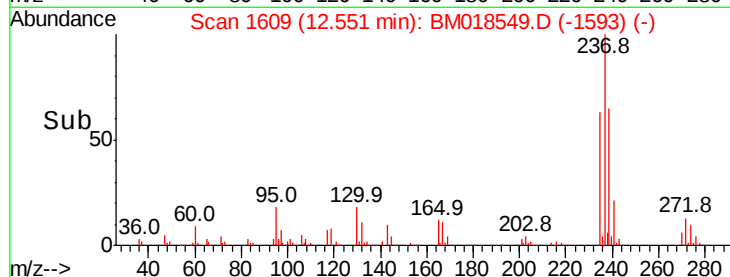
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.8	82.8
272	12.7	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.255 ng

RT: 15.90 min Scan# 2178

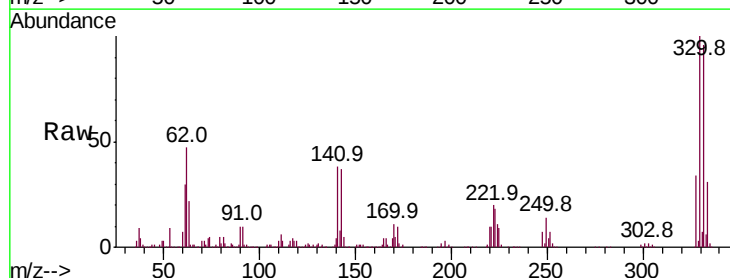
Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion:330 Resp: 1261618

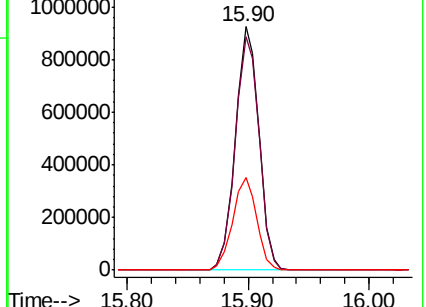
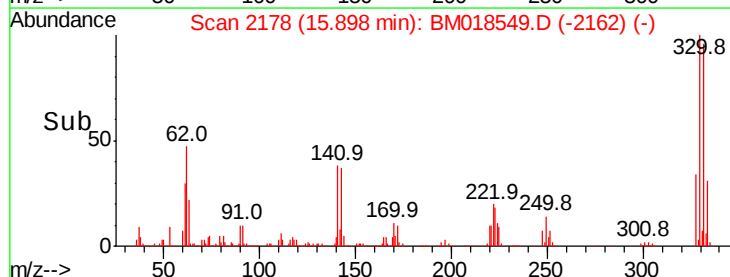
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.6	116.4
141	38.5	31.7	47.5

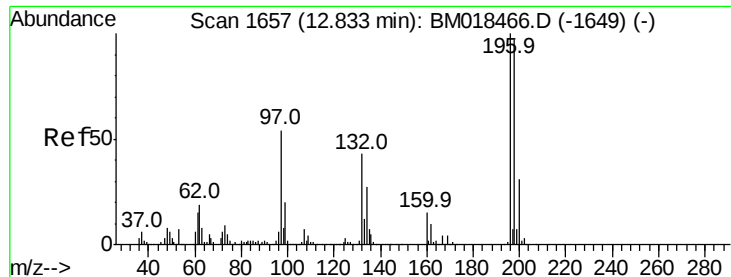


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

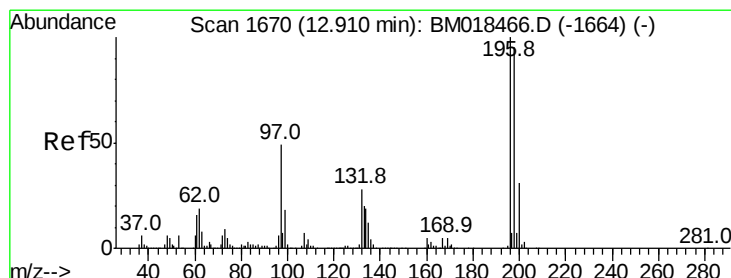
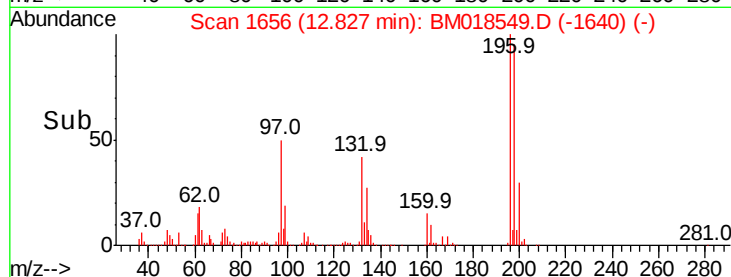
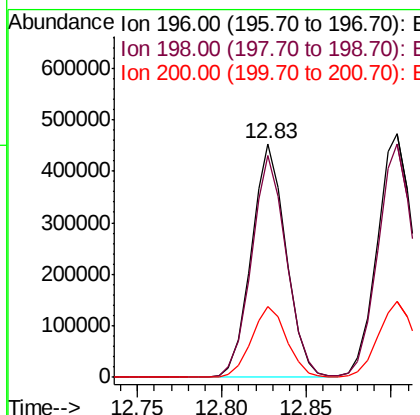
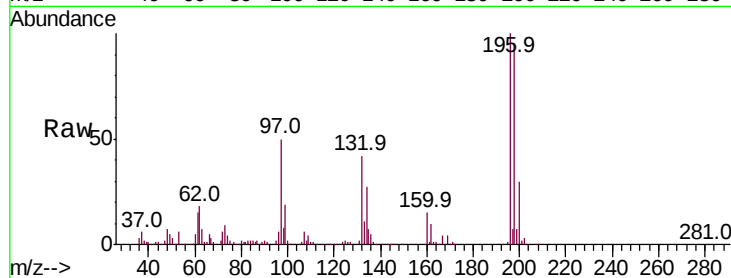




#43
 2,4,6-Trichlorophenol
 Concen: 38.404 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

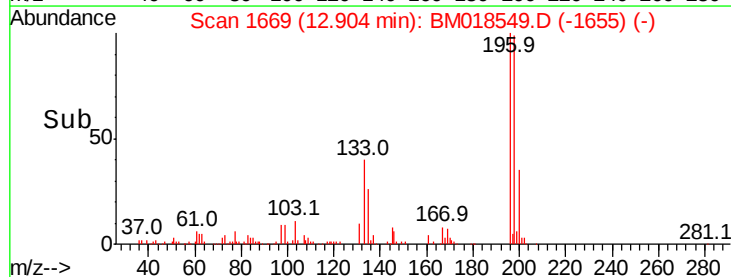
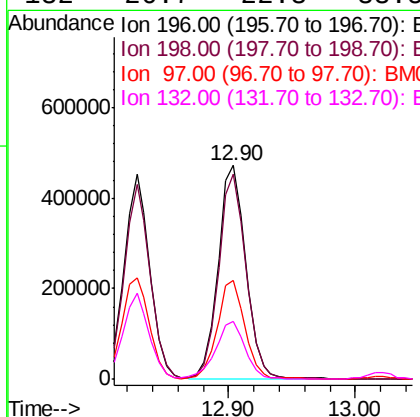
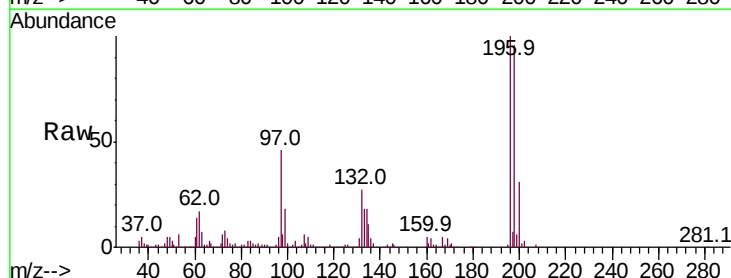
Instrument :
 BNA_M
 ClientSampleId :

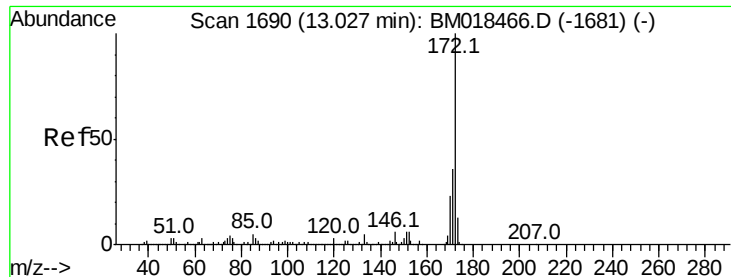
Tot Ion:196 Resp: 645141
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 115.0
 200 30.4 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 40.306 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion:196 Resp: 712103
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.7 115.1
 97 46.3 39.2 58.8
 132 26.7 22.3 33.5

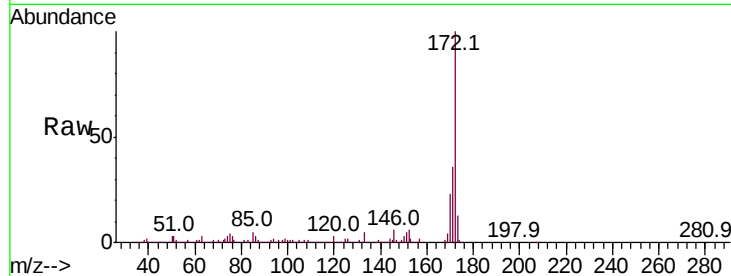




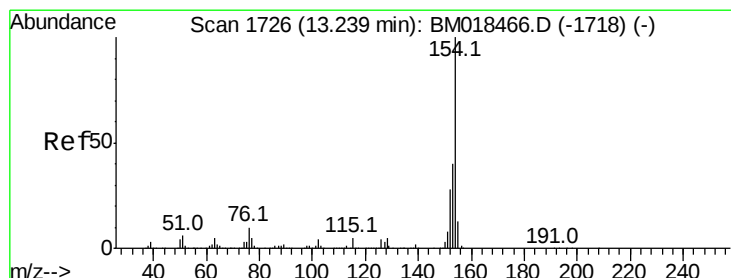
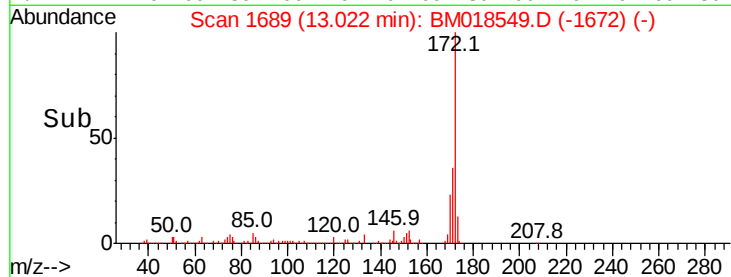
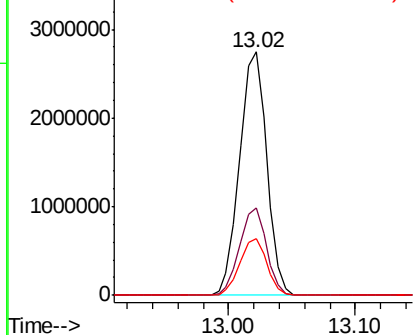
#45
2-Fluorobiphenyl
Concen: 67.295 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4079684
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 23.5 18.9 28.3

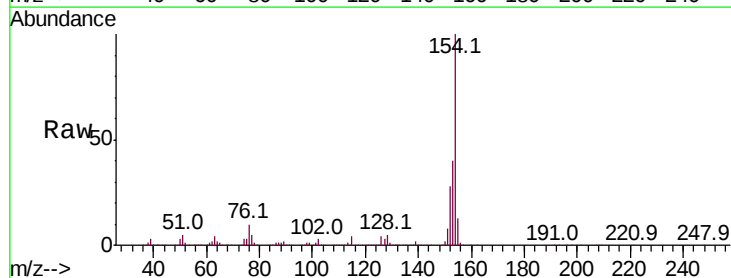


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

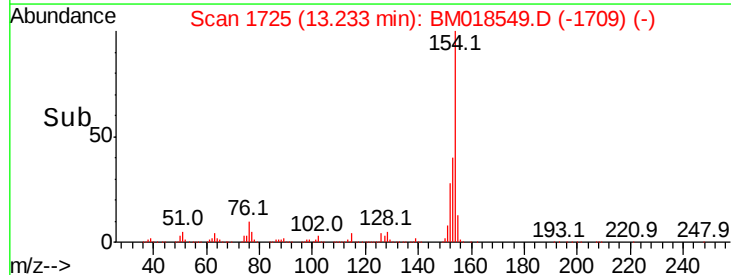
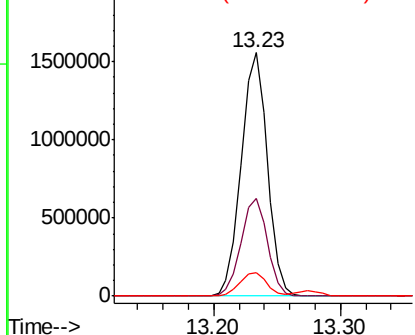


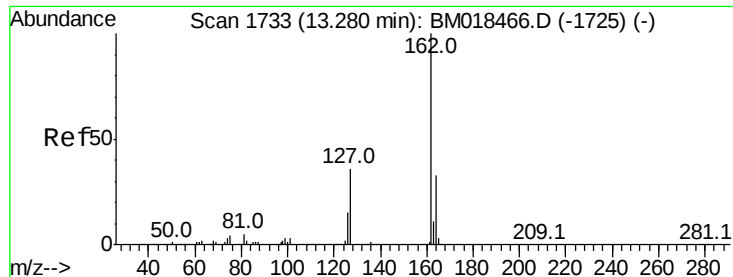
#46
1,1'-Biphenyl
Concen: 32.186 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:154 Resp: 2223167
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 9.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 32.334 ng

RT: 13.27 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

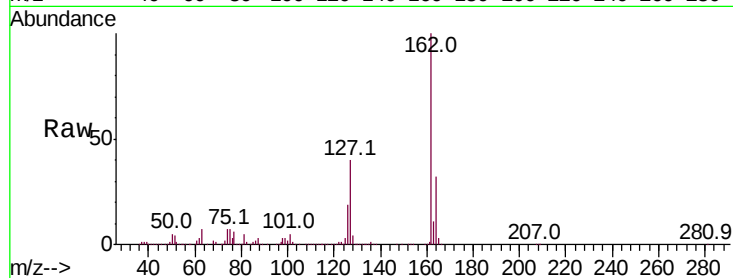
Tot Ion:162 Resp: 1731872

Ion Ratio Lower Upper

162 100

127 40.1 31.4 47.0

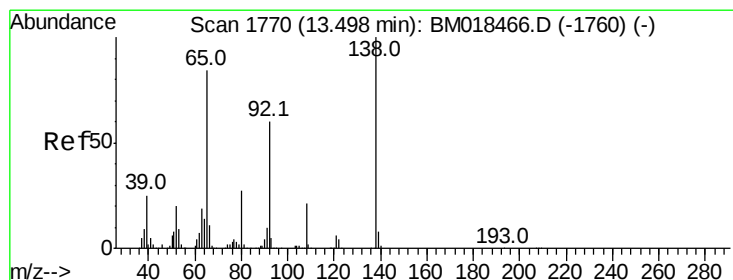
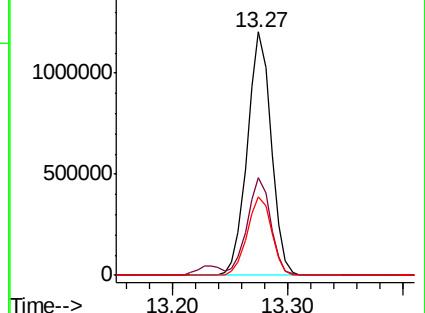
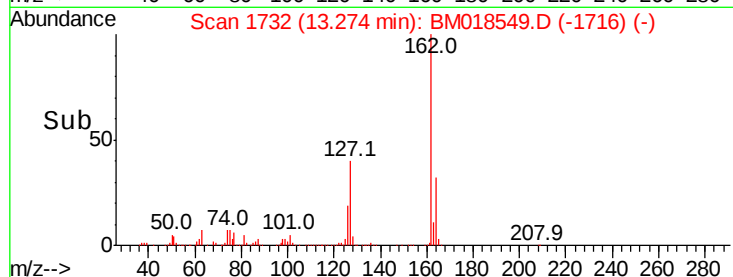
164 32.3 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.045 ng

RT: 13.49 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

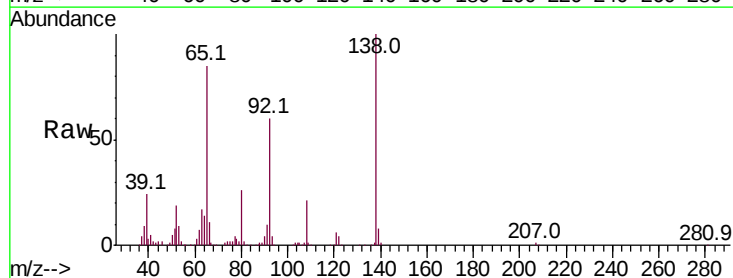
Tgt Ion: 65 Resp: 501342

Ion Ratio Lower Upper

65 100

92 70.7 53.4 80.2

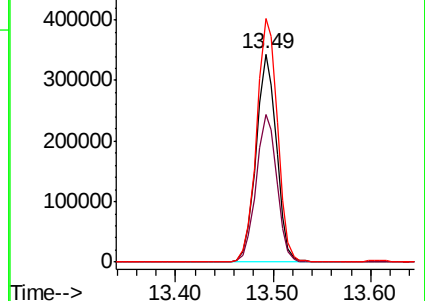
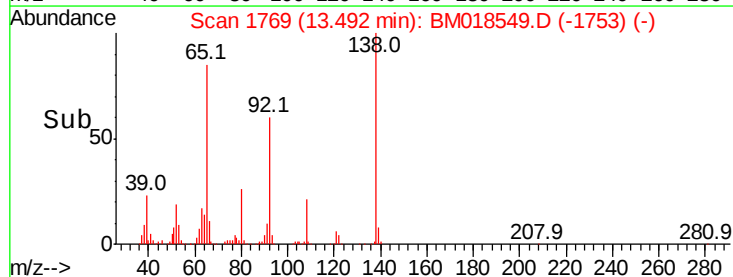
138 117.1 88.9 133.3

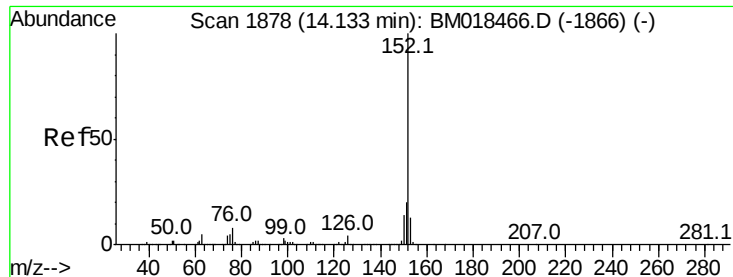


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.490 ng

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampled :

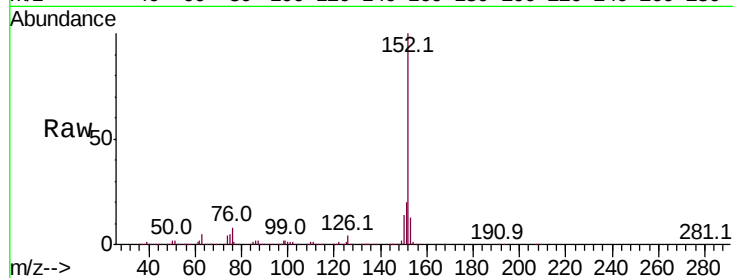
Tot Ion:152 Resp: 2926345

Ion Ratio Lower Upper

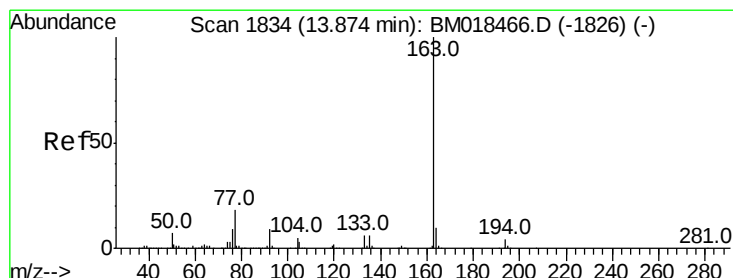
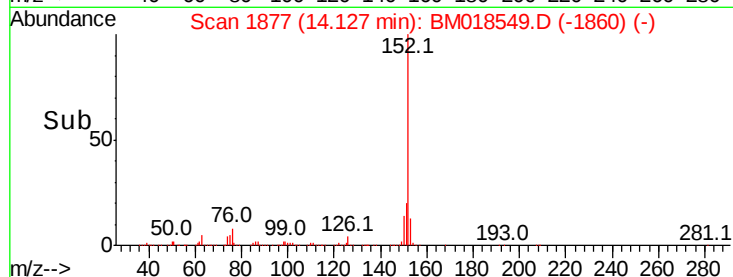
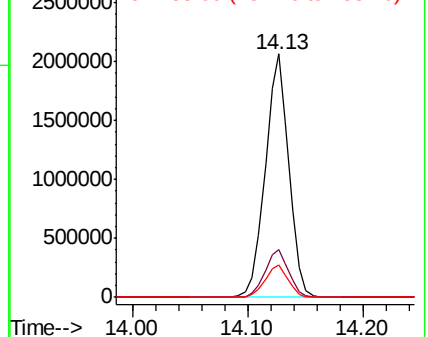
152 100

151 19.7 15.7 23.5

153 13.2 10.5 15.7



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



#50

Dimethylphthalate

Concen: 36.115 ng

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

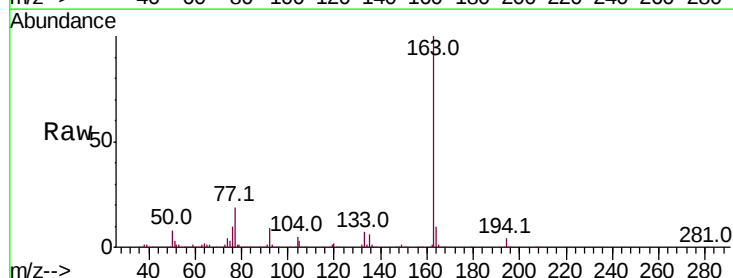
Tgt Ion:163 Resp: 2346304

Ion Ratio Lower Upper

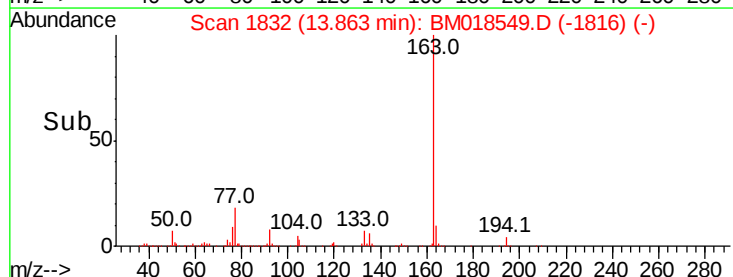
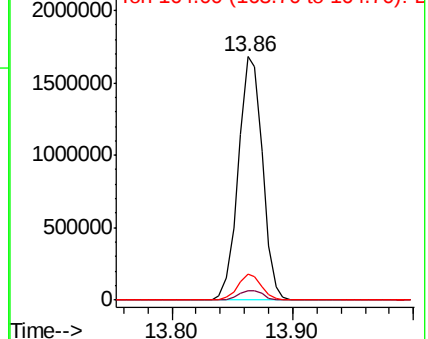
163 100

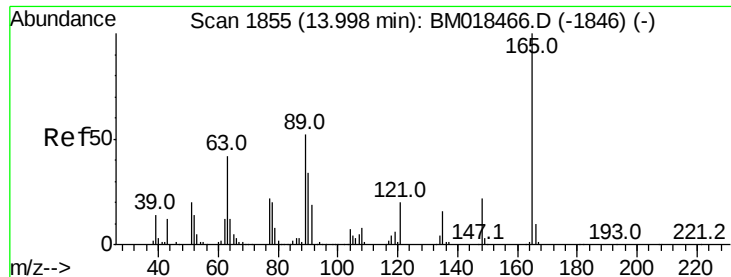
194 4.1 3.0 4.6

164 10.4 7.8 11.8



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





#51

2,6-Dinitrotoluene

Concen: 38.217 ng

RT: 13.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampled :

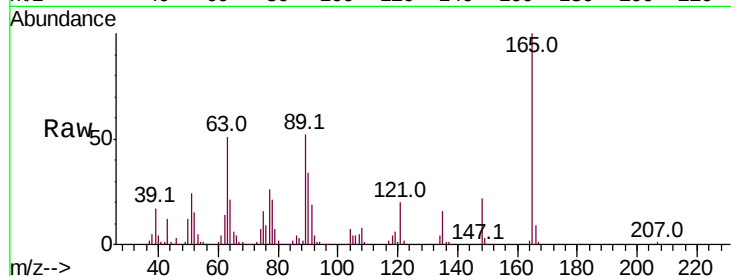
Tot Ion:165 Resp: 525928

Ion Ratio Lower Upper

165 100

63 51.5 45.6 68.4

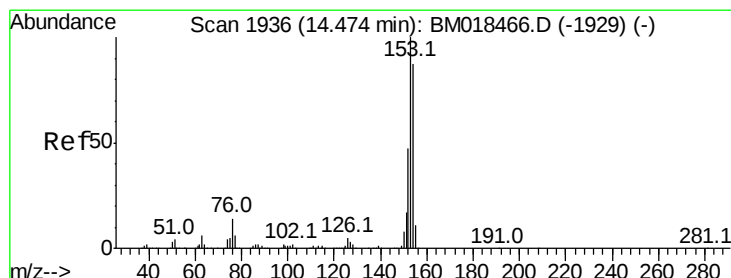
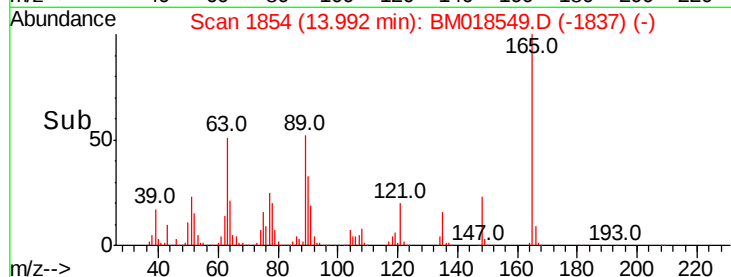
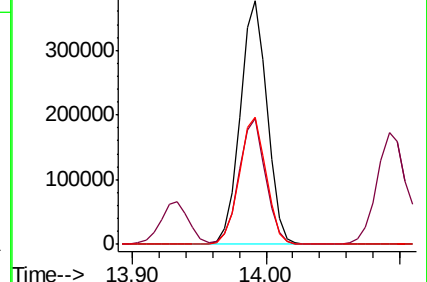
89 52.3 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 35.020 ng

RT: 14.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

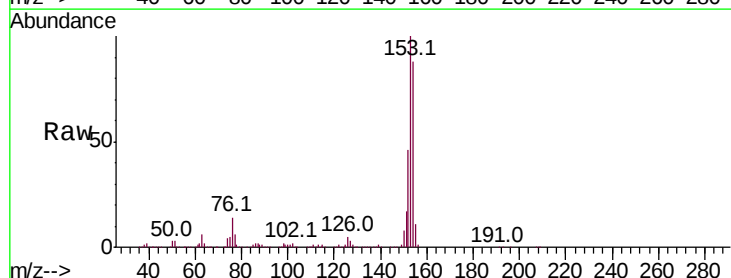
Tgt Ion:154 Resp: 1672563

Ion Ratio Lower Upper

154 100

153 114.0 92.3 138.5

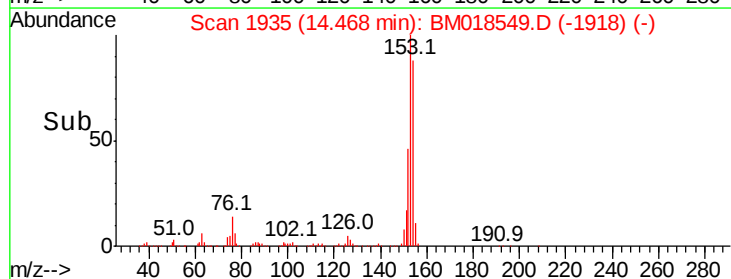
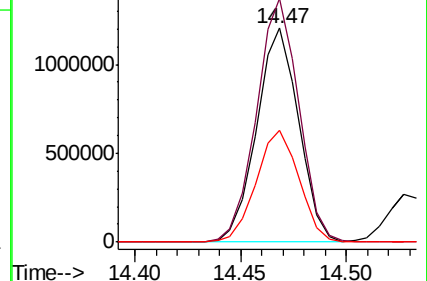
152 52.6 43.8 65.6

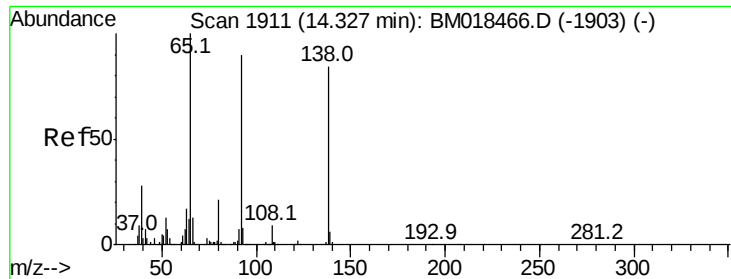


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

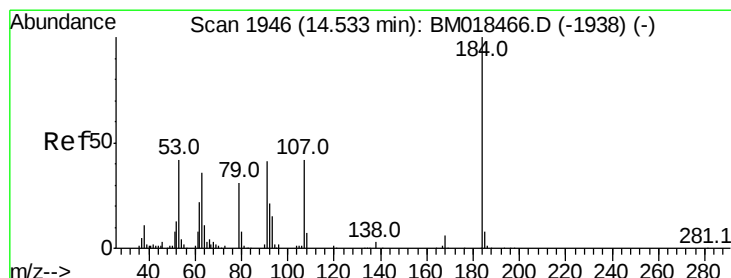
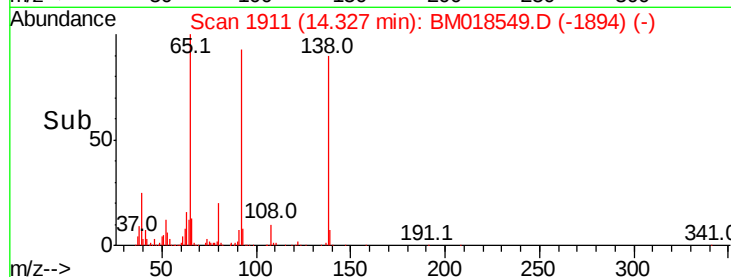
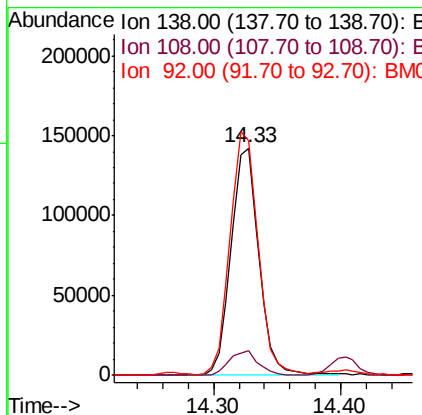
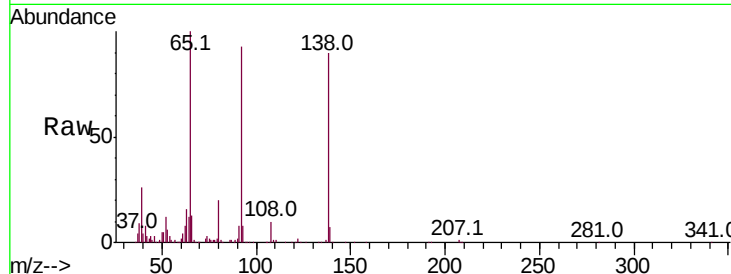




#53
 3-Nitroaniline
 Concen: 15.574 ng
 RT: 14.33 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

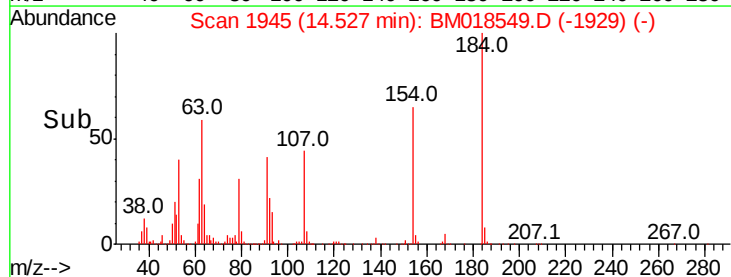
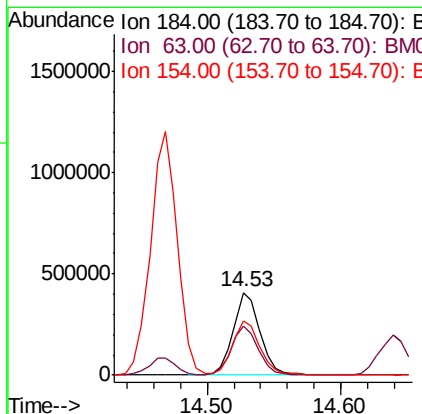
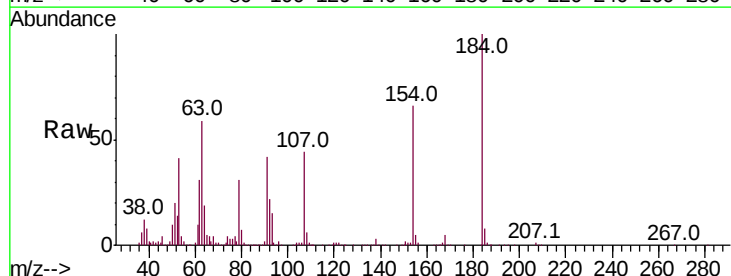
Instrument :
 BNA_M
 ClientSampleId :

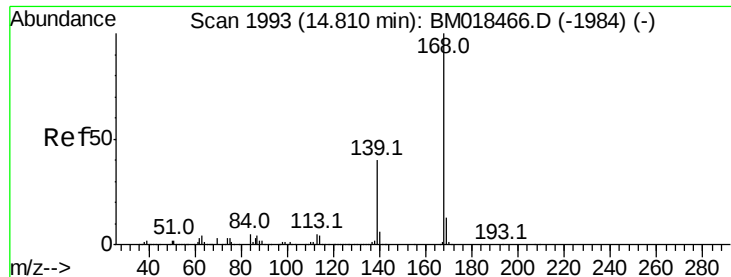
Tot Ion:138 Resp: 216070
 Ion Ratio Lower Upper
 138 100
 108 10.9 9.1 13.7
 92 103.4 88.2 132.2



#54
 2,4-Dinitrophenol
 Concen: 77.650 ng
 RT: 14.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion:184 Resp: 576748
 Ion Ratio Lower Upper
 184 100
 63 59.5 55.9 83.9
 154 65.5 54.2 81.4





#55

Dibenzofuran

Concen: 35.148 ng

RT: 14.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

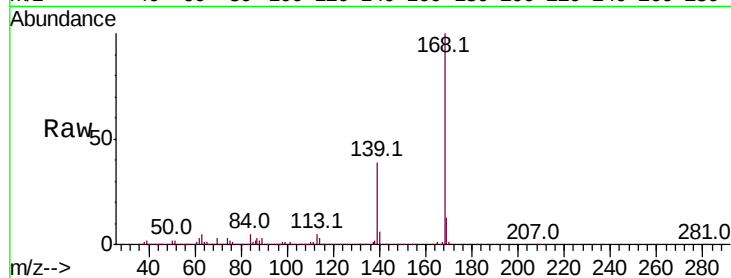
Tot Ion:168 Resp: 2773661

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.3	45.5
169	13.4	10.6	16.0

168 100

139 39.1 30.3 45.5

169 13.4 10.6 16.0

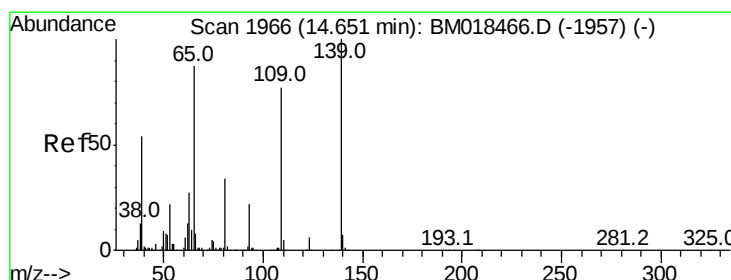
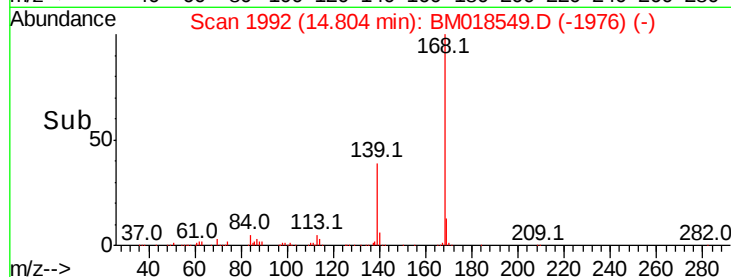
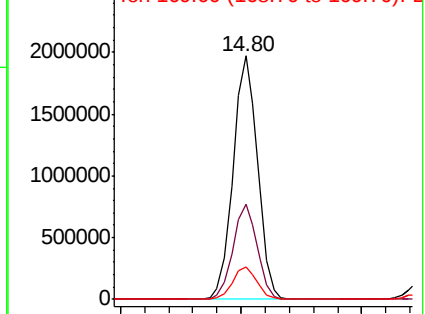


Abundance

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: 86.740 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

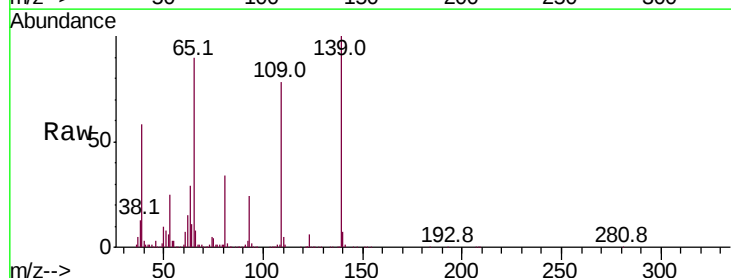
Tgt Ion:139 Resp: 1039639

Ion	Ratio	Lower	Upper
139	100		
109	78.3	51.7	91.7
65	89.6	71.4	111.4

139 100

109 78.3 51.7 91.7

65 89.6 71.4 111.4

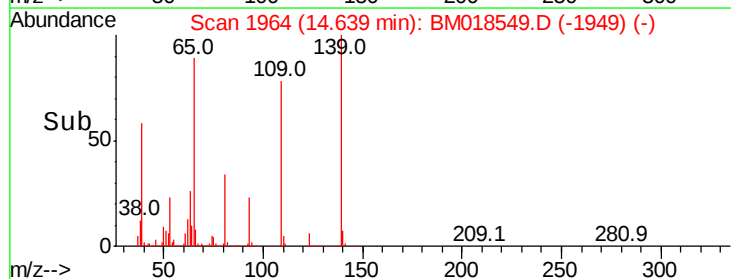
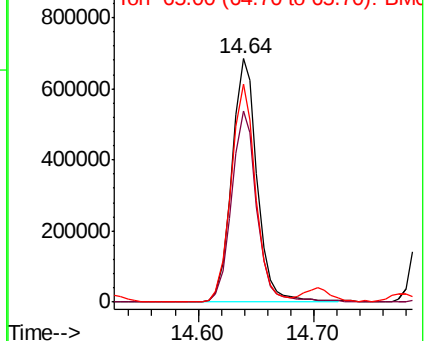


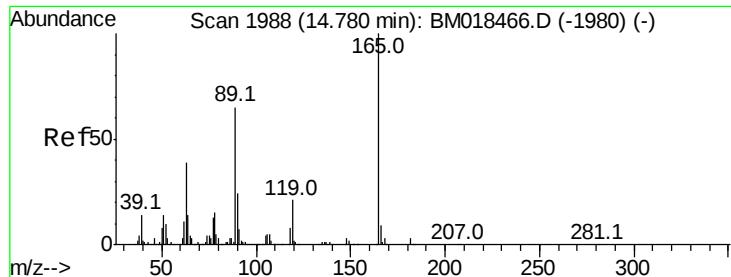
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

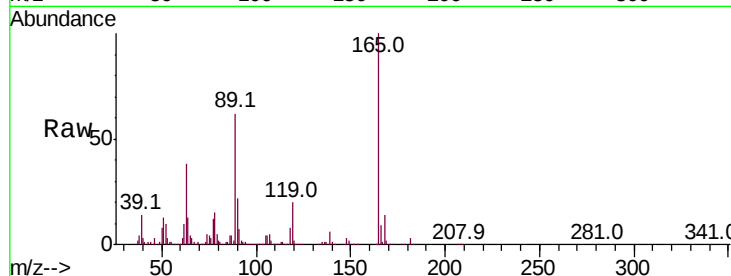




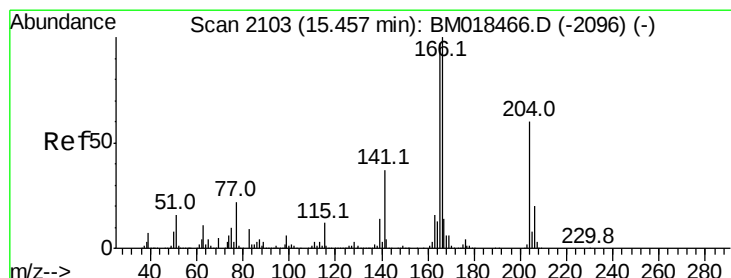
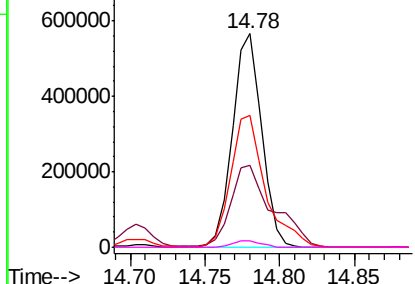
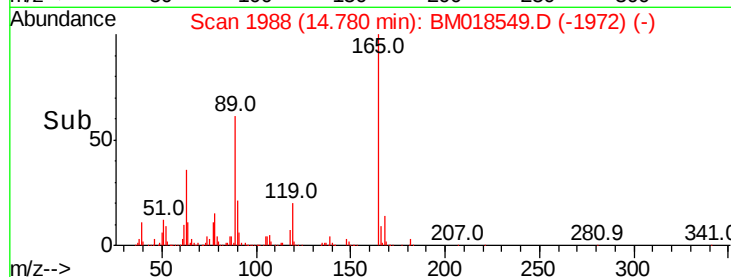
#57
 2,4-Dinitrotoluene
 Concen: 39.745 ng
 RT: 14.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 773876
 Ion Ratio Lower Upper
 165 100
 63 38.2 32.2 48.2
 89 61.9 52.1 78.1
 182 3.3 2.5 3.7

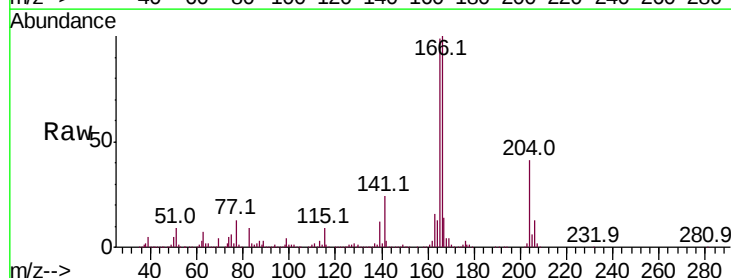


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

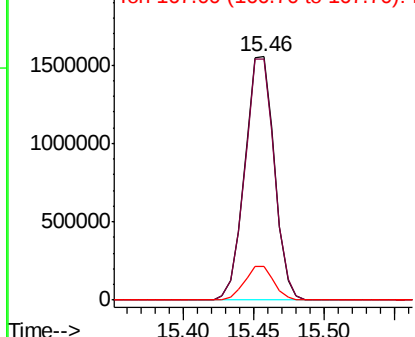
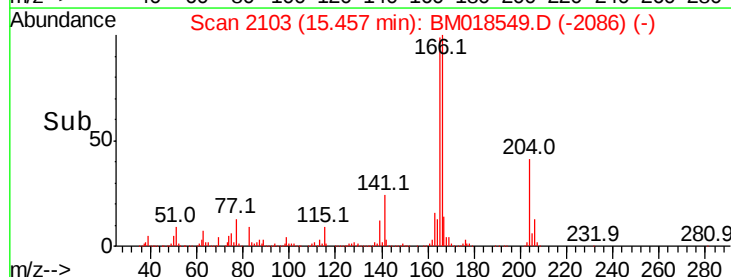


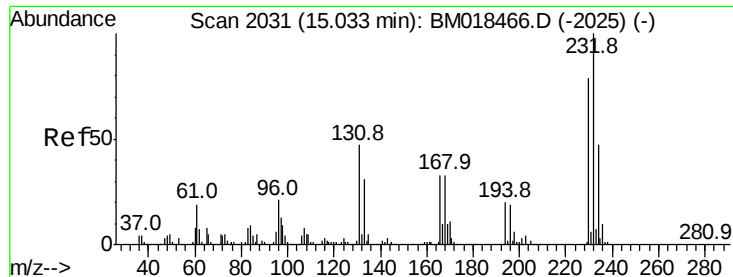
#58
 Fluorene
 Concen: 38.704 ng
 RT: 15.46 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion:166 Resp: 2275197
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.3 117.5
 167 13.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

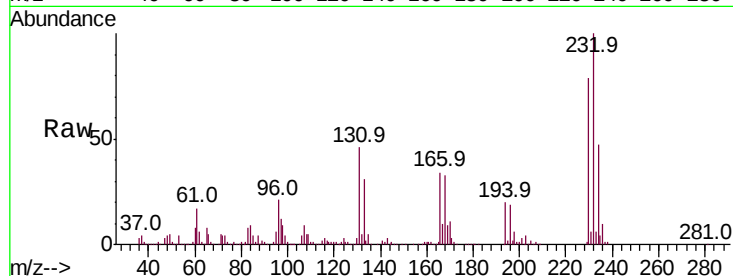




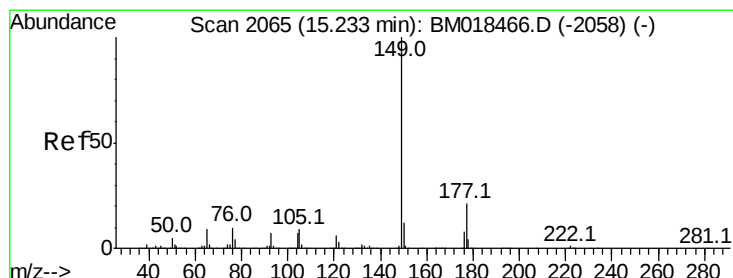
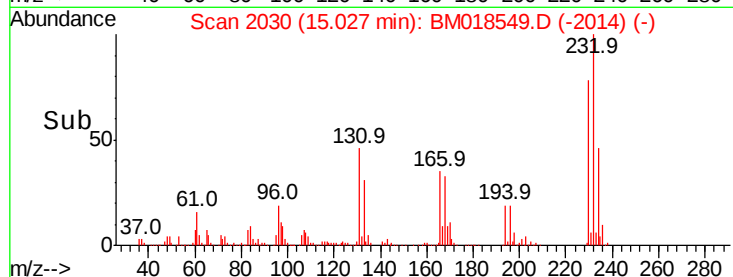
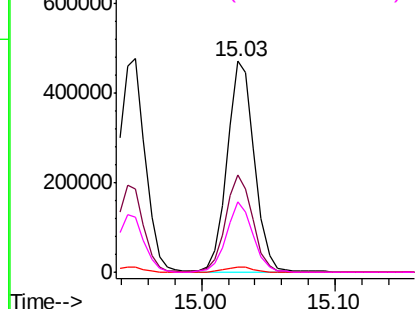
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.906 ng
RT: 15.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 671901
Ion Ratio Lower Upper
232 100
131 45.5 38.6 57.8
130 2.7 2.2 3.4
166 32.4 27.2 40.8

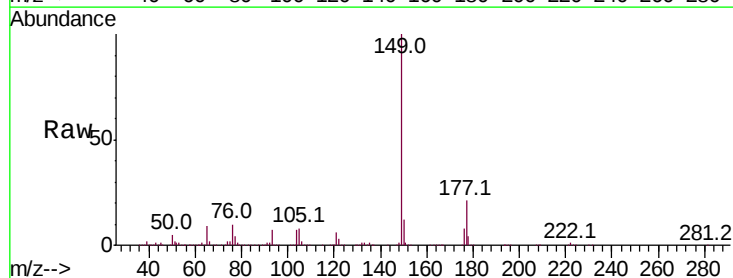


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

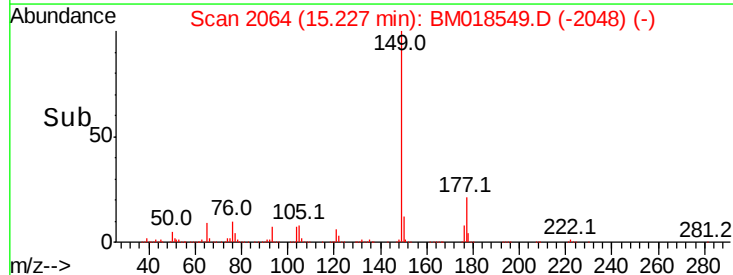
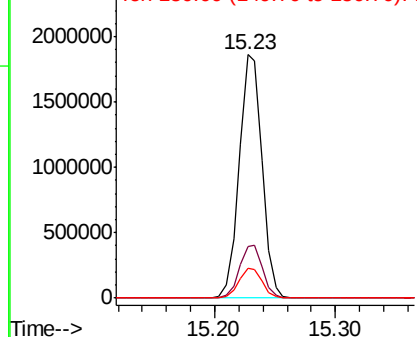


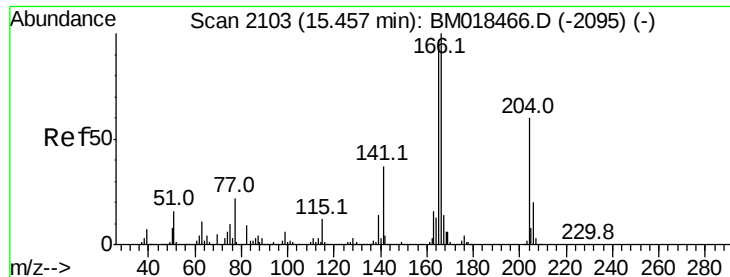
#60
Diethylphthalate
Concen: 37.407 ng
RT: 15.23 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:149 Resp: 2453352
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.4 9.8 14.6



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

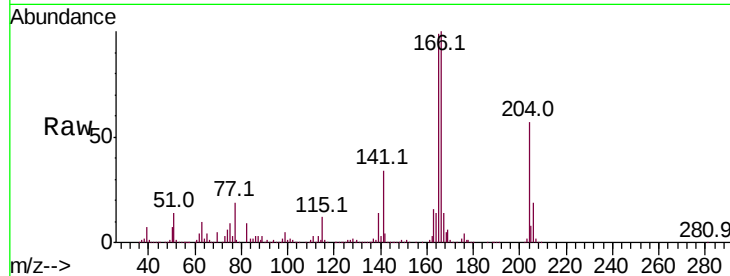




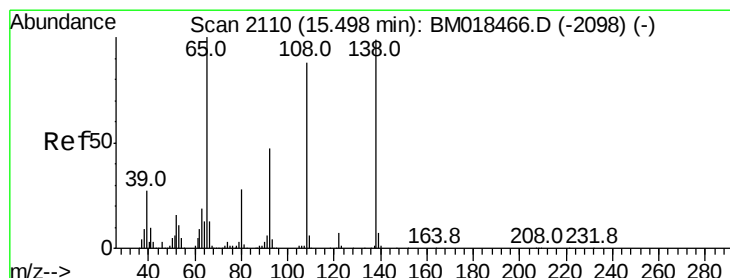
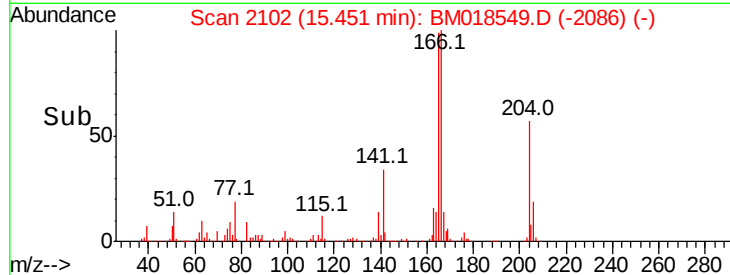
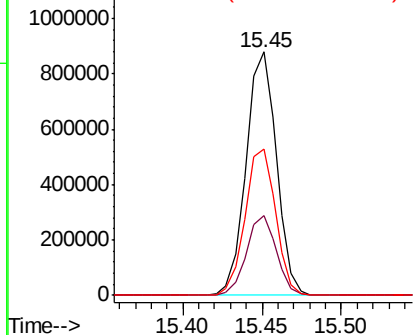
#61
4-Chlorophenyl-phenylether
Concen: 34.435 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1166690
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 60.0 49.5 74.3

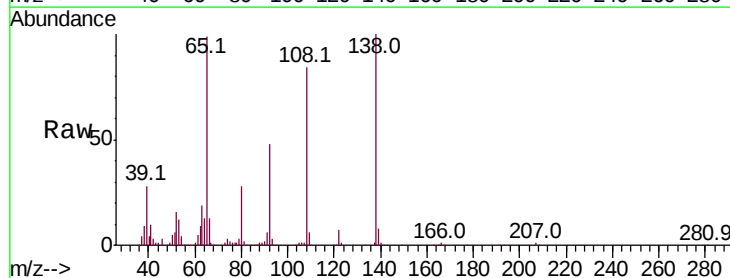


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

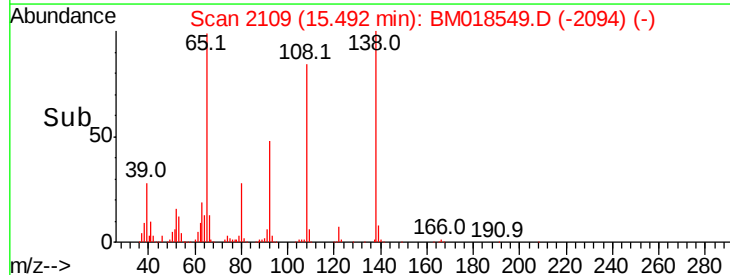
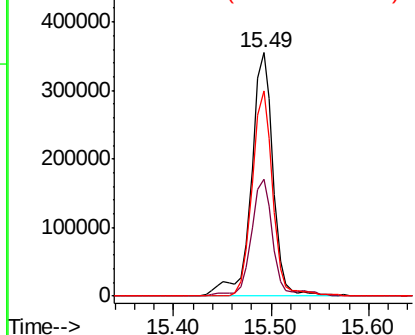


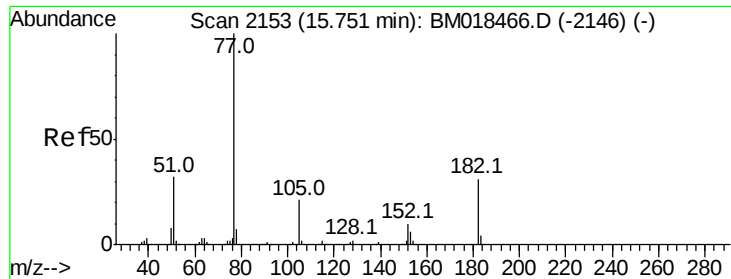
#62
4-Nitroaniline
Concen: 37.004 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:138 Resp: 559983
Ion Ratio Lower Upper
138 100
92 48.1 29.0 69.0
108 84.1 63.9 103.9



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





#63

Azobenzene

Concen: 35.977 ng

RT: 15.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

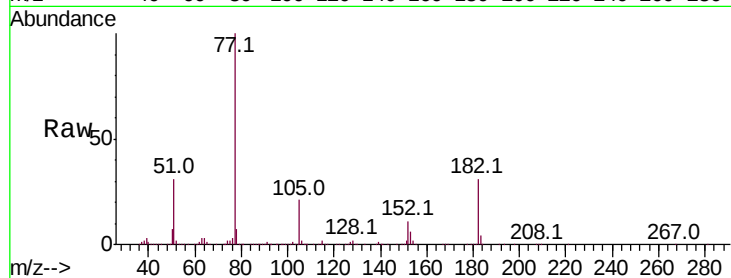
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1923809

Ion	Ratio	Lower	Upper
77	100		
182	30.7	7.4	47.4
105	21.4	0.0	39.6
51	31.2	12.0	52.0

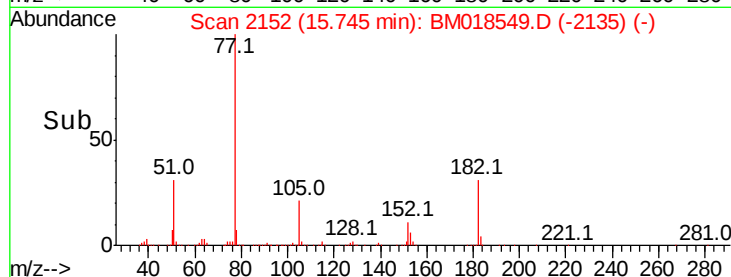


Abundance Ion 77.00 (76.70 to 77.70): BM0

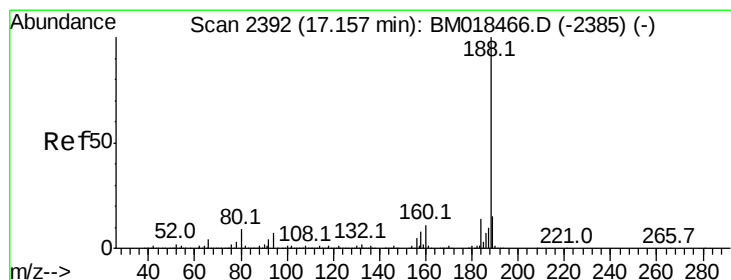
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



Time--> 15.65 15.70 15.75 15.80



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2392

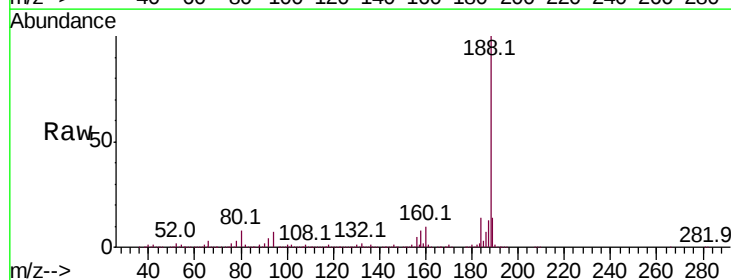
Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion: 188 Resp: 1981858

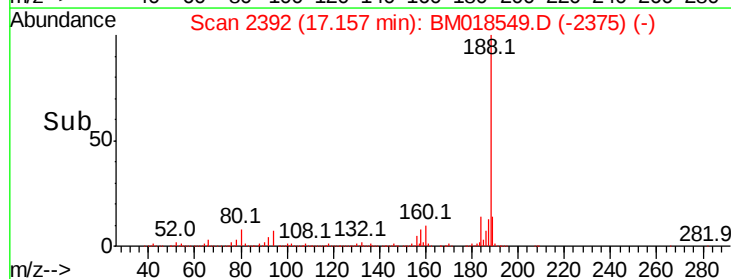
Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.1	10.7#
80	7.9	7.6	11.4



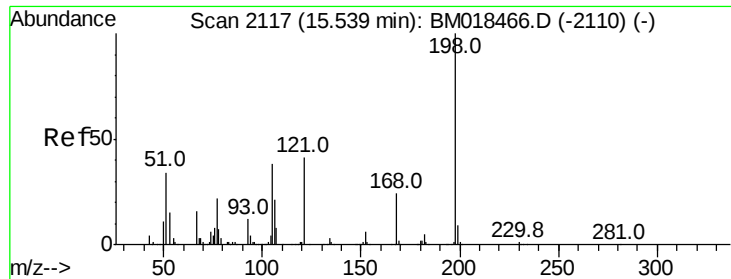
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



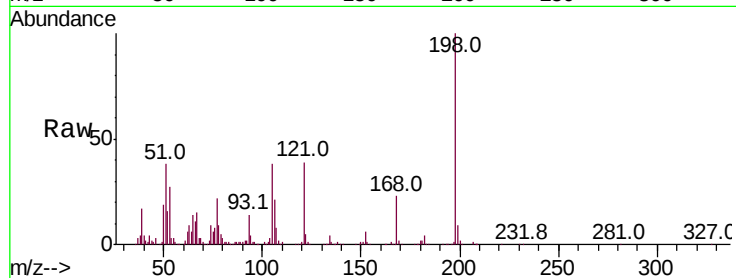
Time--> 17.10 17.20



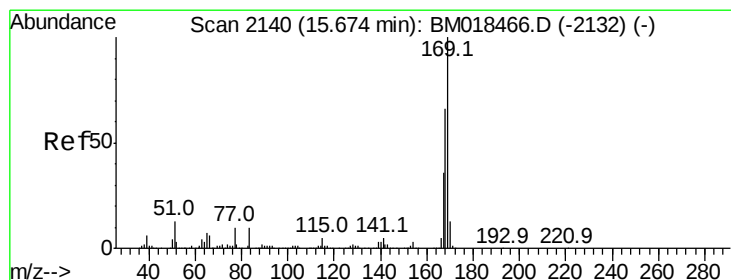
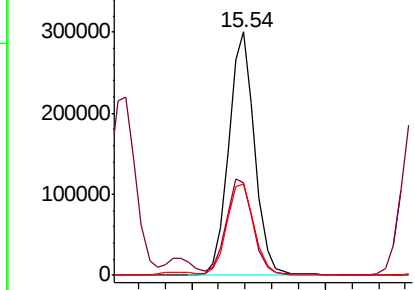
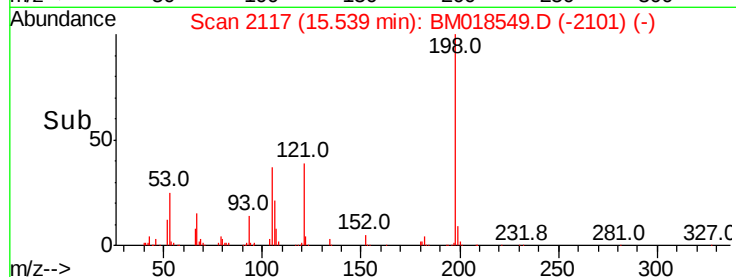
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.016 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.1	29.6	69.6
105	37.7	25.5	65.5

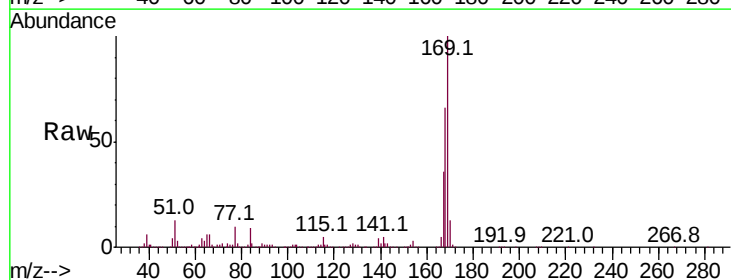


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

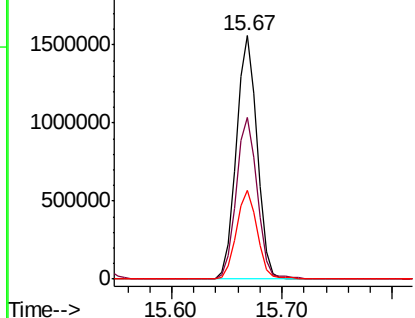
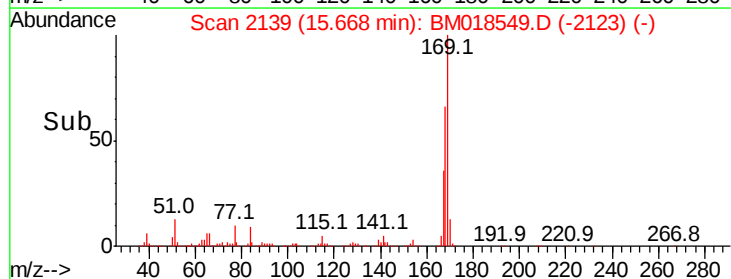


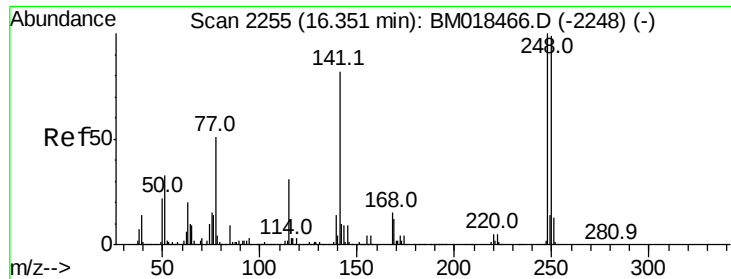
#66
 n-Nitrosodiphenylamine
 Concen: 33.513 ng
 RT: 15.67 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BM018549.D
 Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.1	81.1
167	36.2	28.6	42.8



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

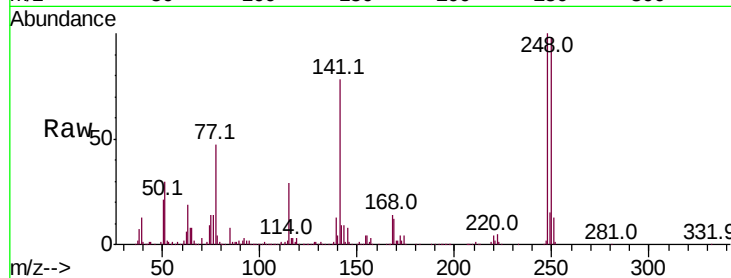




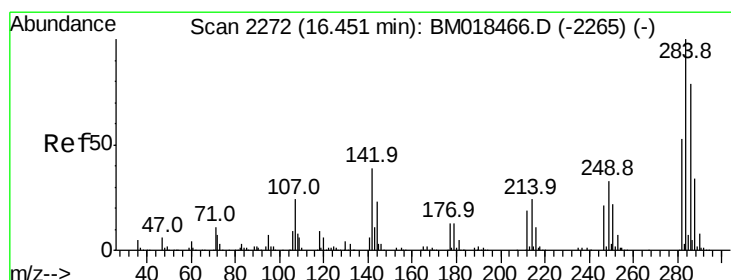
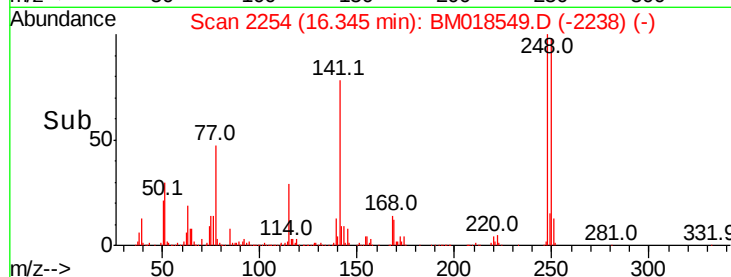
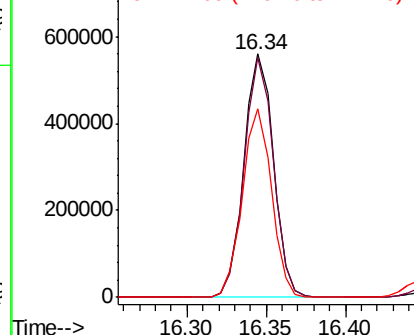
#67
4-Bromophenyl-phenylether
Concen: 32.699 ng
RT: 16.34 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 725195
Ion Ratio Lower Upper
248 100
250 98.4 76.0 114.0
141 77.6 61.5 92.3

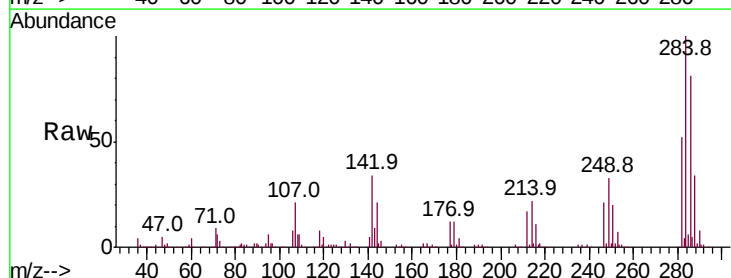


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

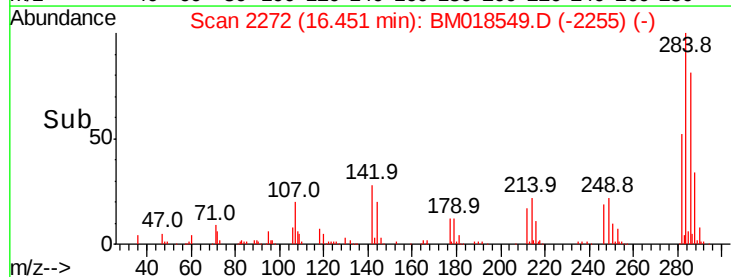
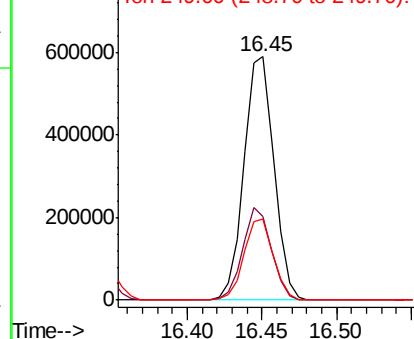


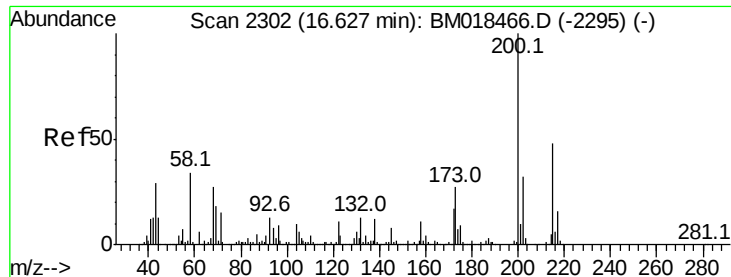
#68
Hexachlorobenzene
Concen: 33.052 ng
RT: 16.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:284 Resp: 820628
Ion Ratio Lower Upper
284 100
142 34.2 29.2 43.8
249 33.1 26.1 39.1



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

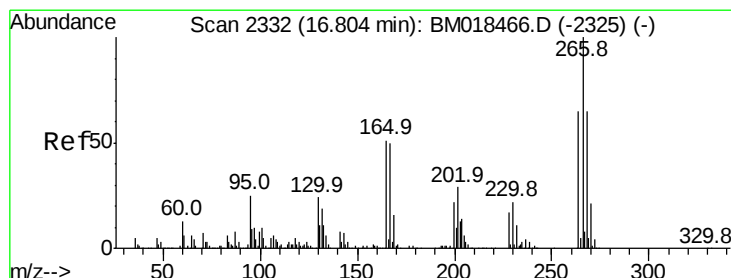
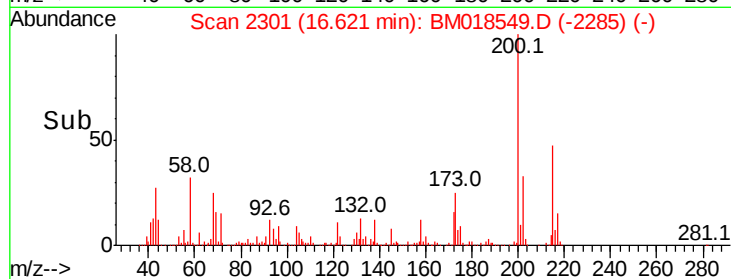
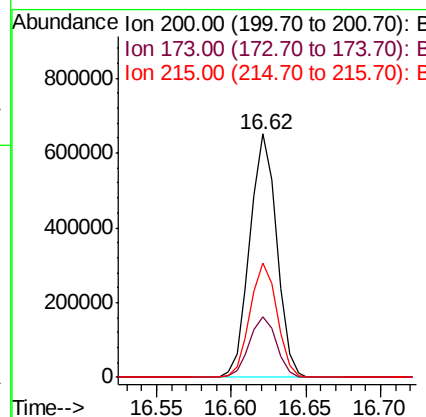
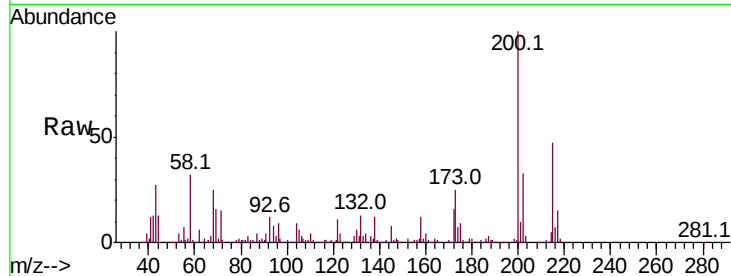




#69
Atrazine
Concen: 36.458 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

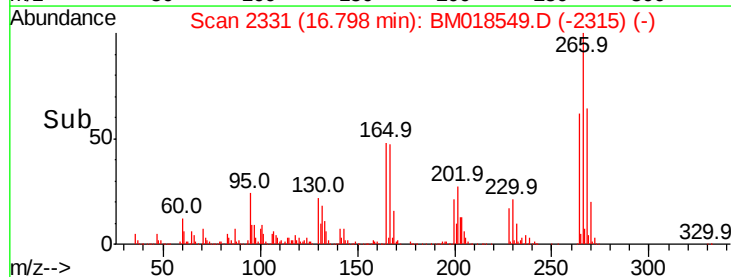
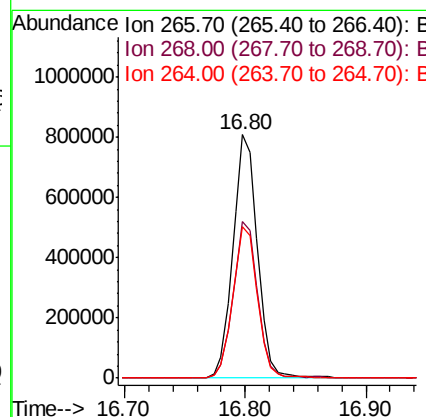
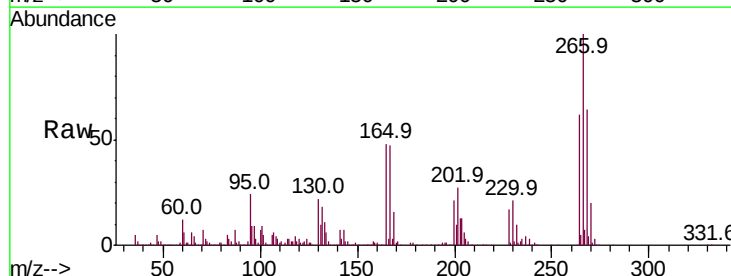
Instrument :
BNA_M
ClientSampleId :

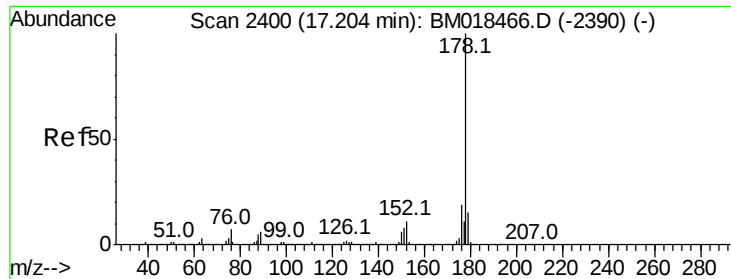
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	7.2	47.2
215	47.0	28.3	68.3



#70
Pentachlorophenol
Concen: 70.202 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.8	74.6
264	62.4	50.1	75.1

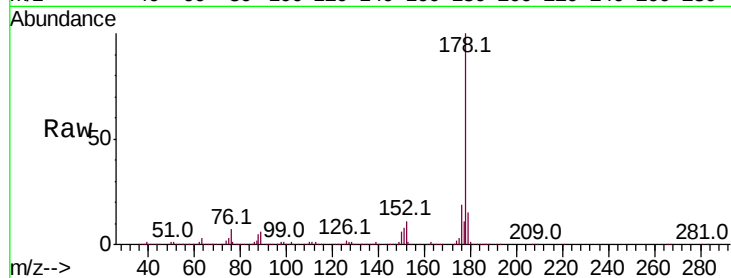




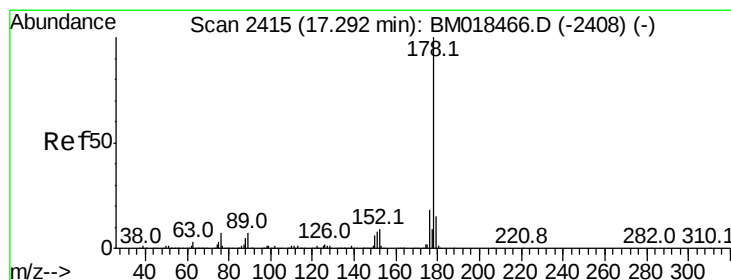
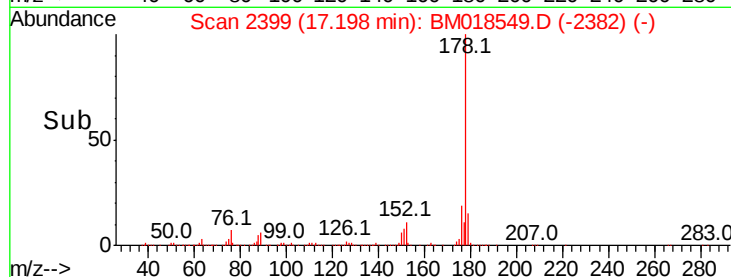
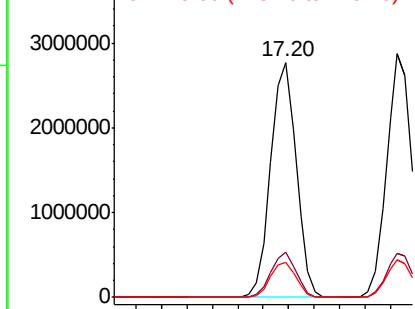
#71
Phenanthrene
Concen: 36.894 ng
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 3889211
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.1 12.2 18.4

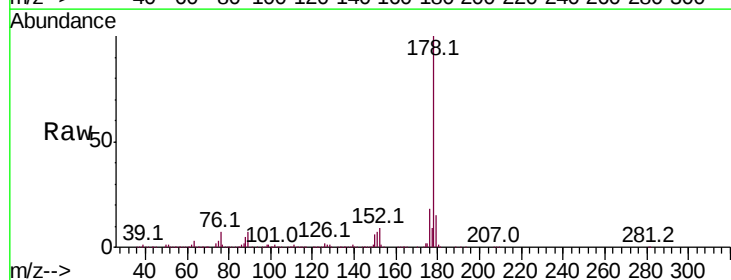


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

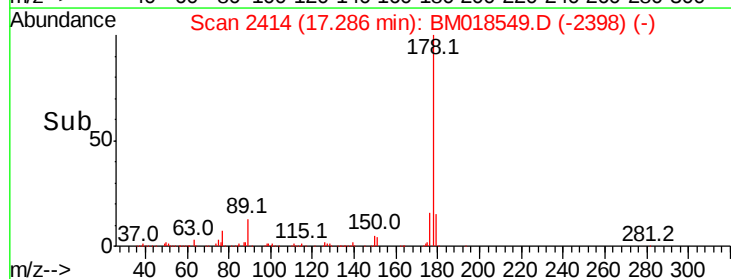
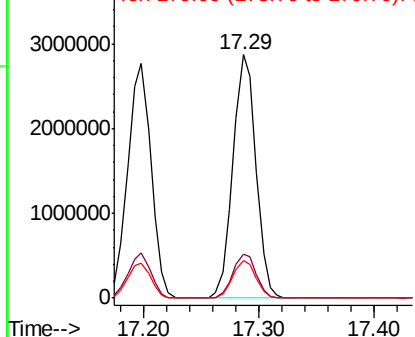


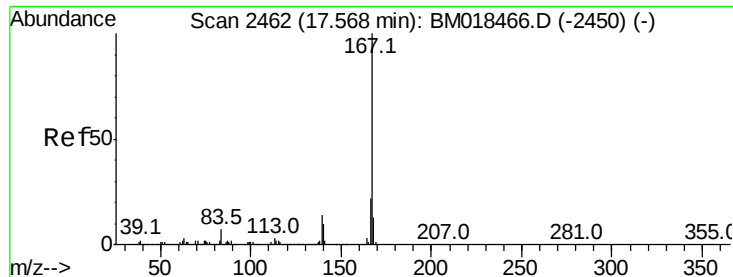
#72
Anthracene
Concen: 38.984 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:178 Resp: 3951698
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.234 ng

RT: 17.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

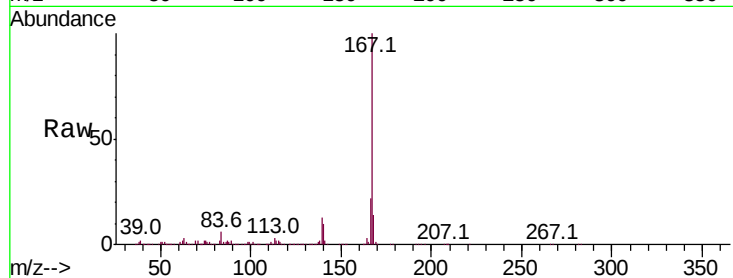
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 3773593

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	13.1	10.6	16.0

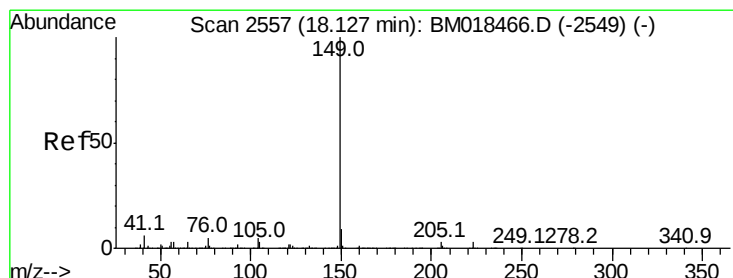
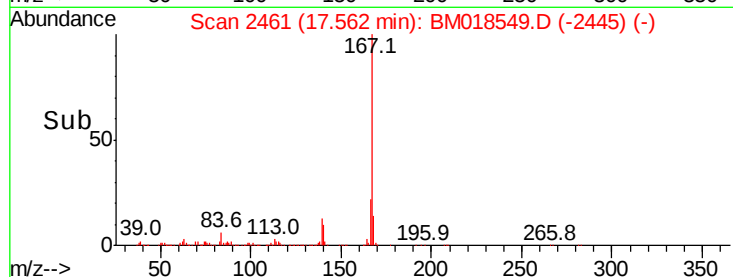
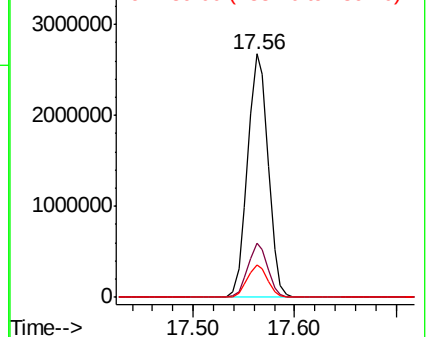


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.852 ng

RT: 18.12 min Scan# 2555

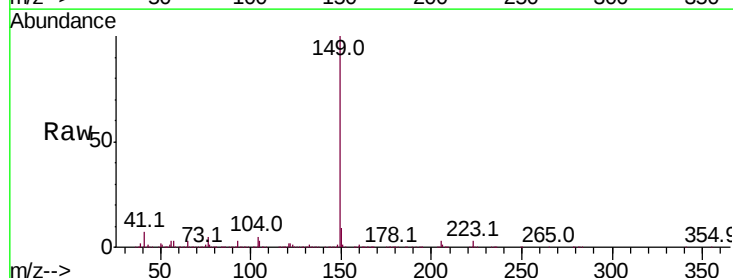
Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion:149 Resp: 4432092

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.1	4.2	6.4

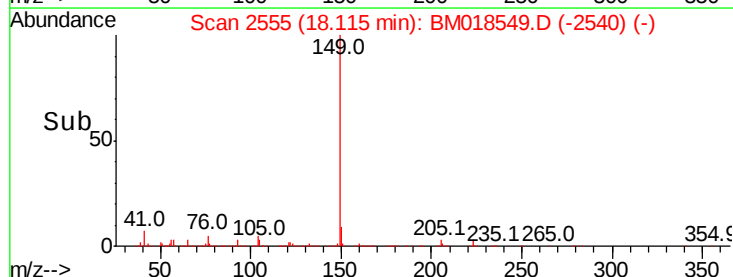
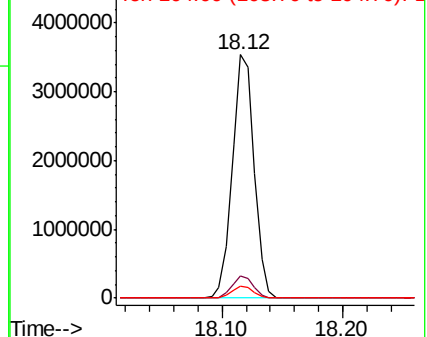


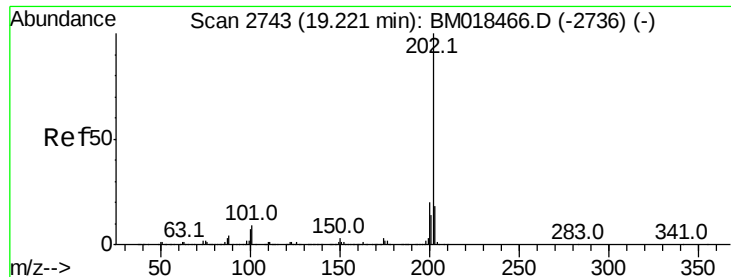
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.635 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

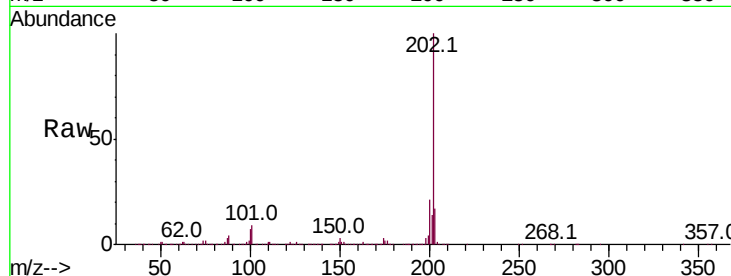
Tot Ion:202 Resp: 4938626

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.9

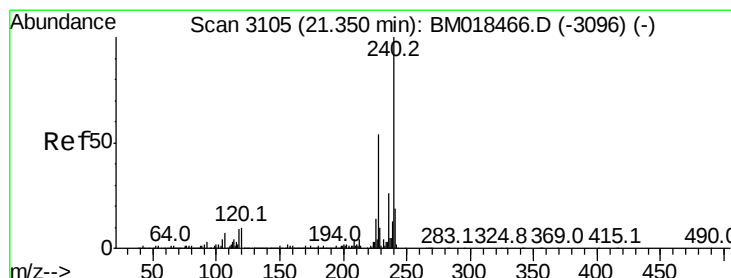
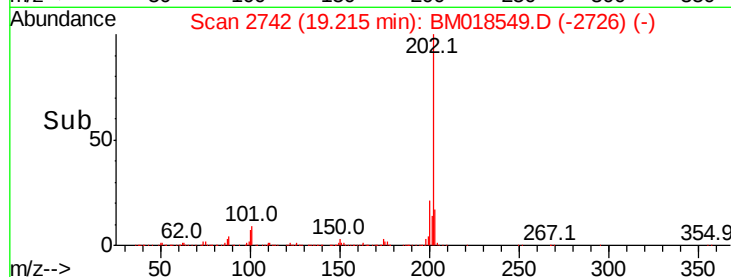
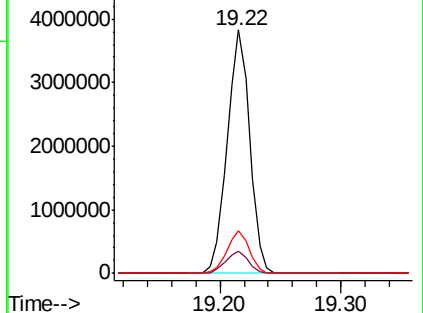
203 17.4 0.0 37.4



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: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

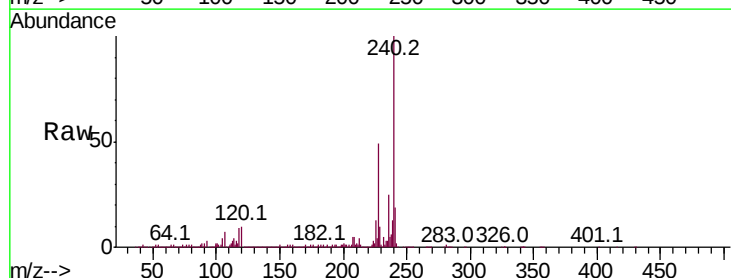
Tgt Ion:240 Resp: 2509412

Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

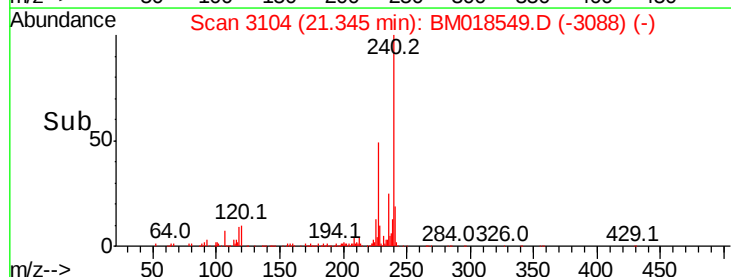
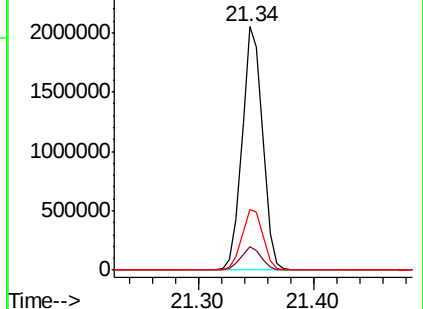
236 25.1 20.7 31.1

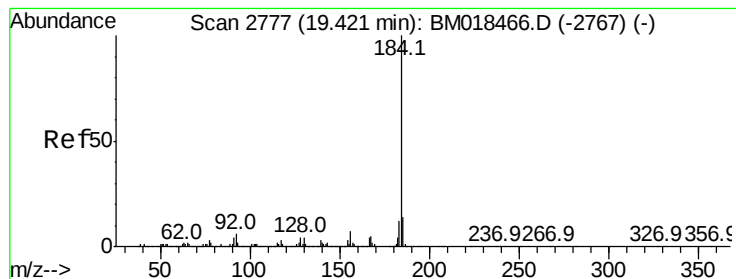


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.277 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

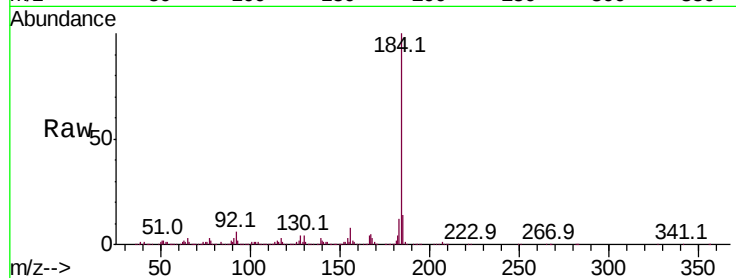
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 2061849

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.0
183	12.0	9.5	14.3

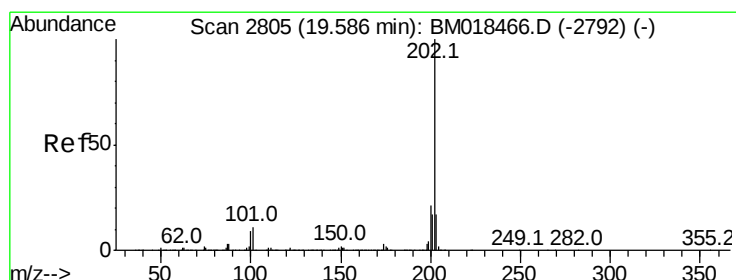
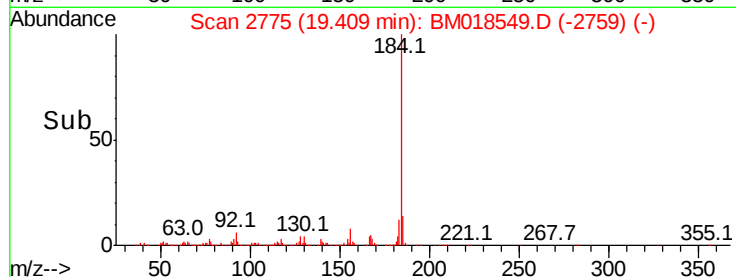
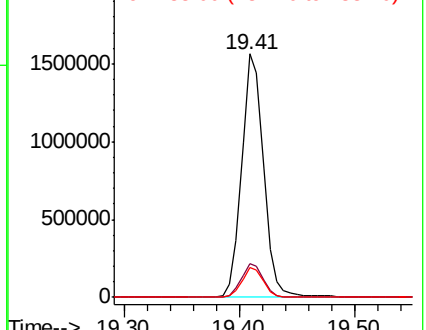


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.197 ng

RT: 19.58 min Scan# 2804

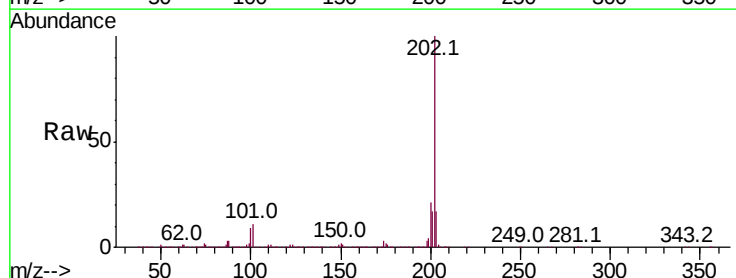
Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Tgt Ion:202 Resp: 5235377

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.1	13.8	20.8

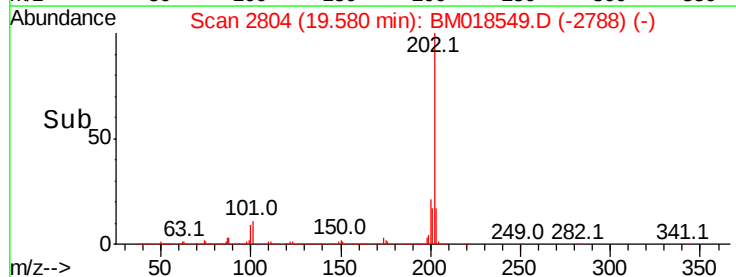
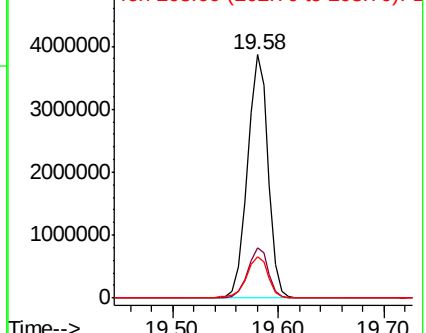


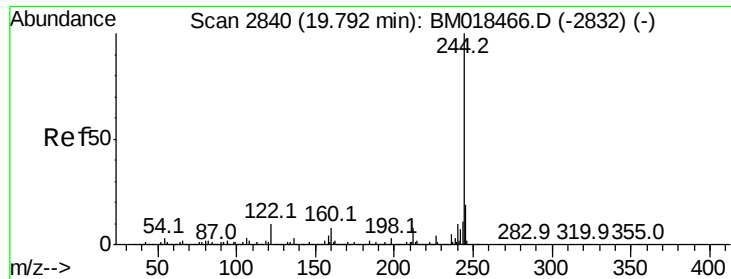
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.747 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

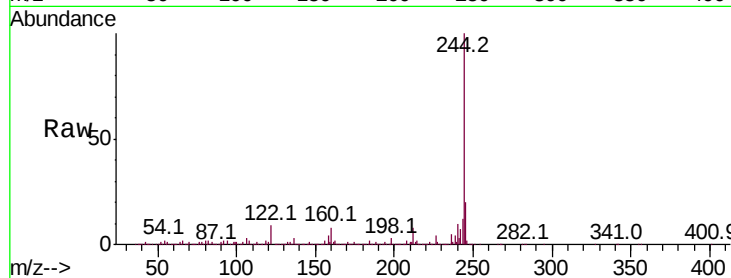
Tot Ion:244 Resp: 7707452

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

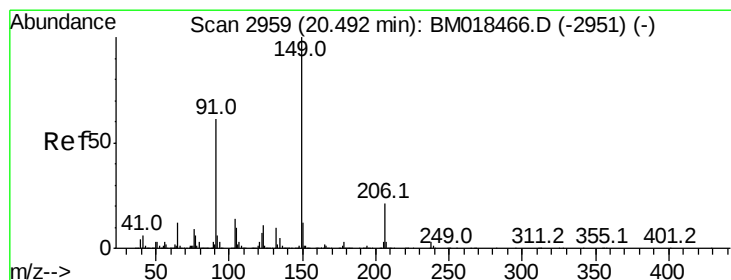
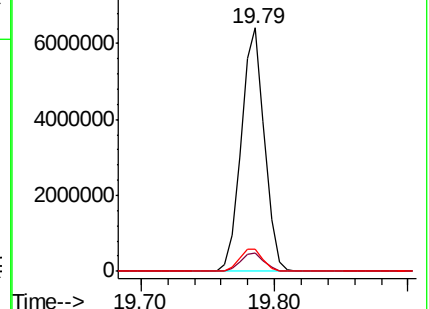
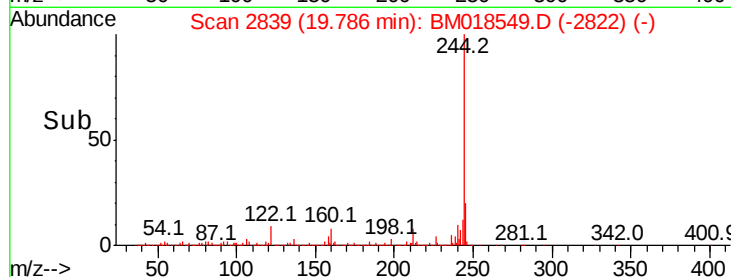
122 9.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.467 ng

RT: 20.48 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

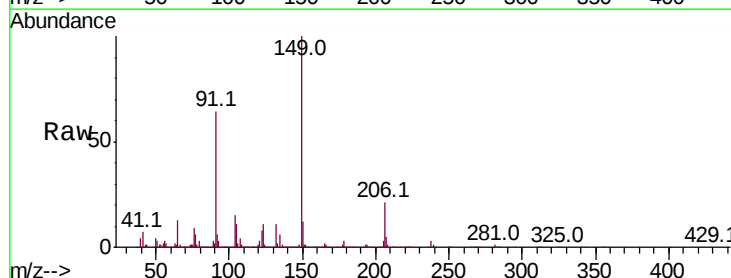
Tgt Ion:149 Resp: 2314580

Ion Ratio Lower Upper

149 100

91 64.4 53.1 79.7

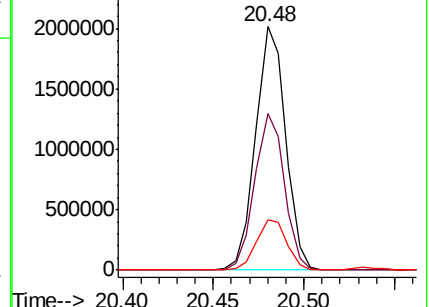
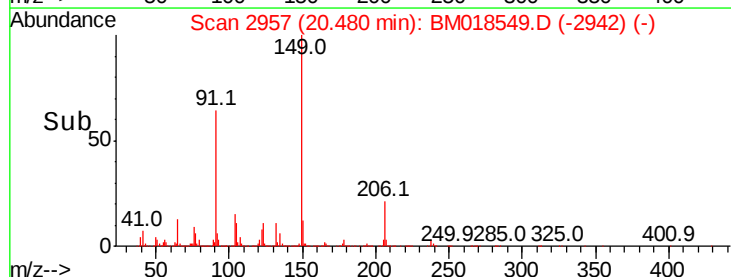
206 20.7 16.2 24.4

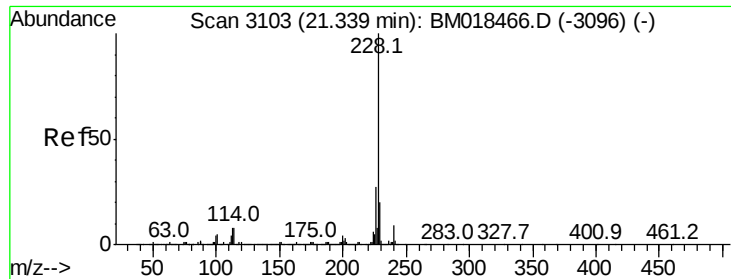


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.841 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampled :

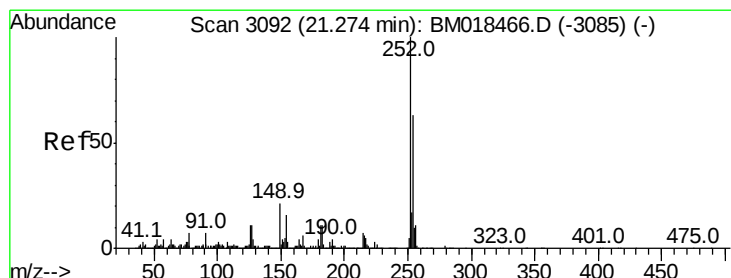
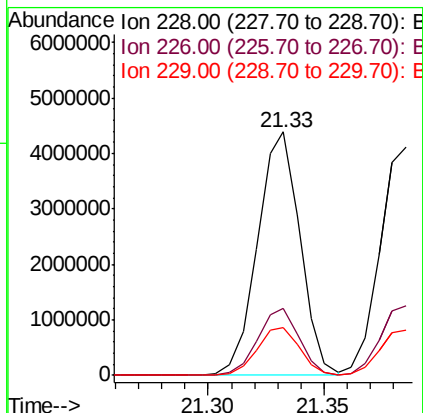
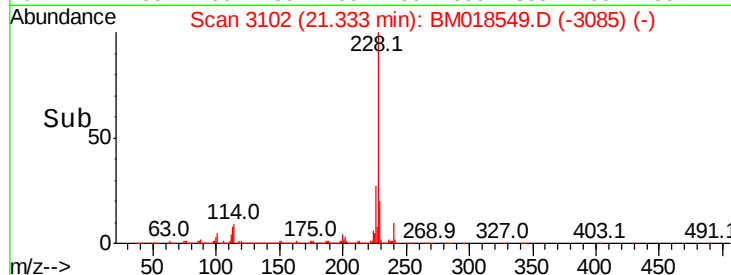
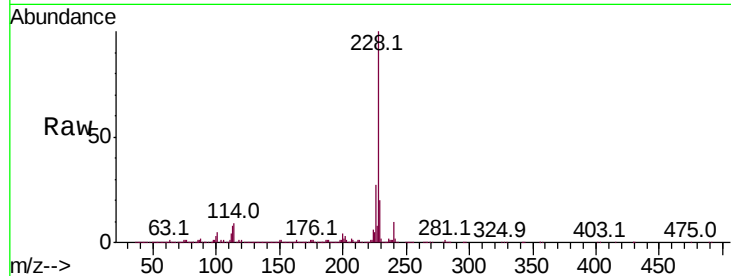
Tot Ion:228 Resp: 5594139

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 19.299 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

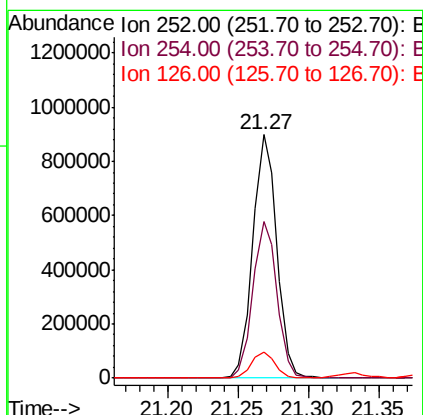
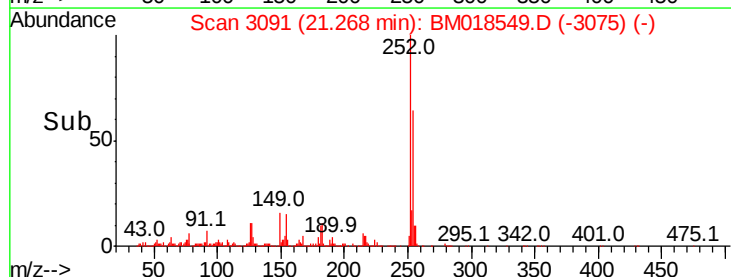
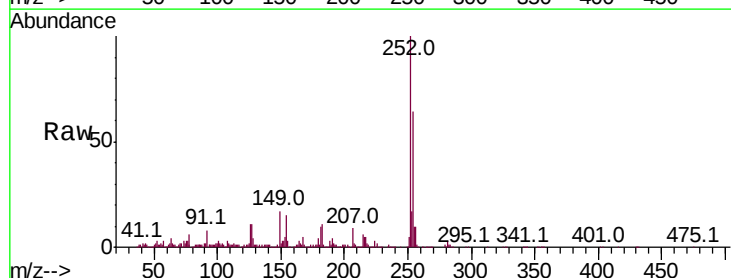
Tgt Ion:252 Resp: 1078887

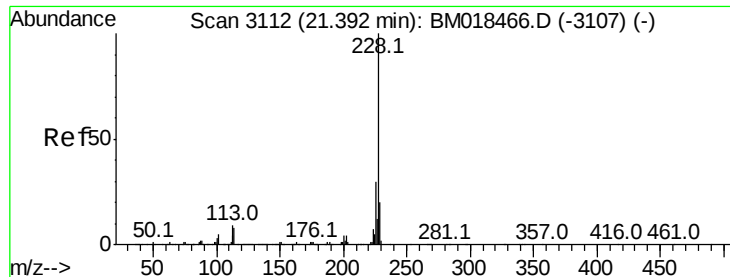
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.0

126 10.7 8.7 13.1





#83

Chrysene

Concen: 36.606 ng

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

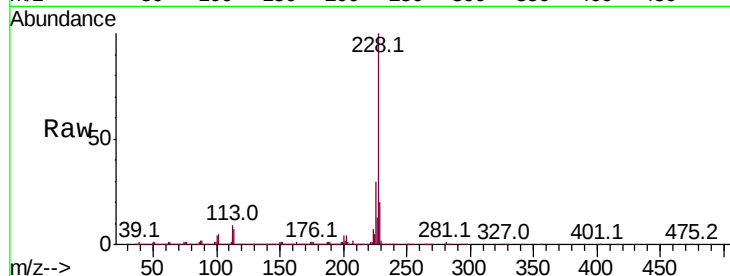
Tot Ion:228 Resp: 5225767

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.7	15.6	23.4

228 100

226 30.2 24.2 36.2

229 19.7 15.6 23.4

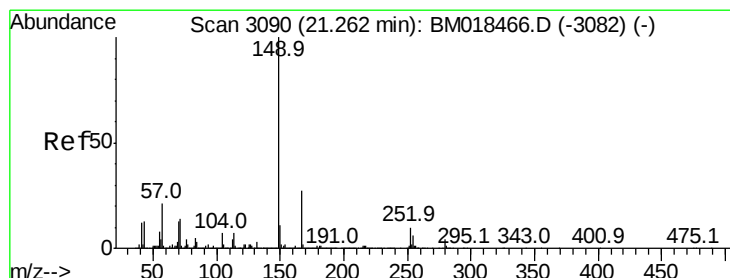
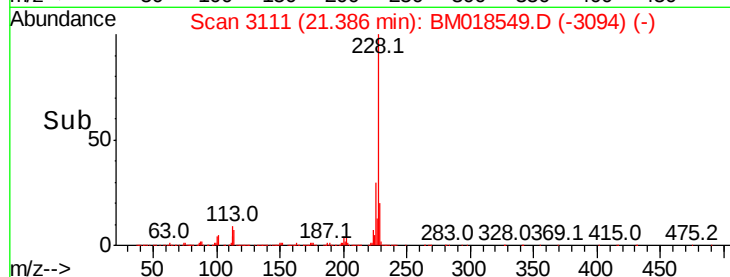
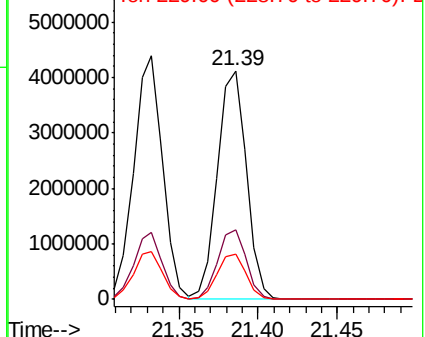


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.298 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

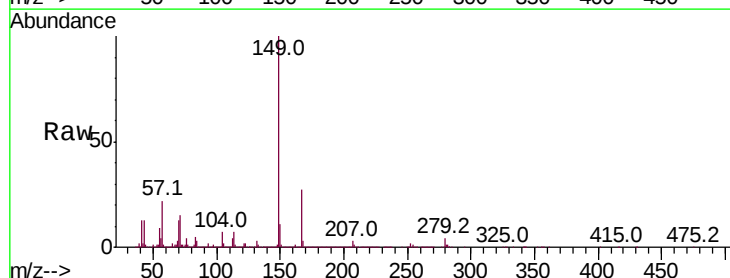
Tgt Ion:149 Resp: 3326793

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	4.3	3.3	4.9

149 100

167 27.4 21.6 32.4

279 4.3 3.3 4.9

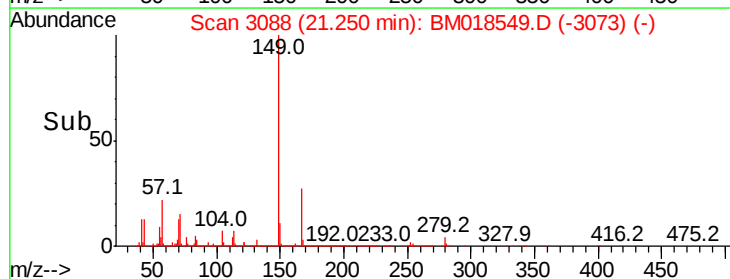
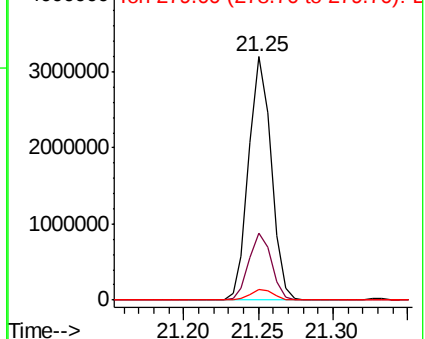


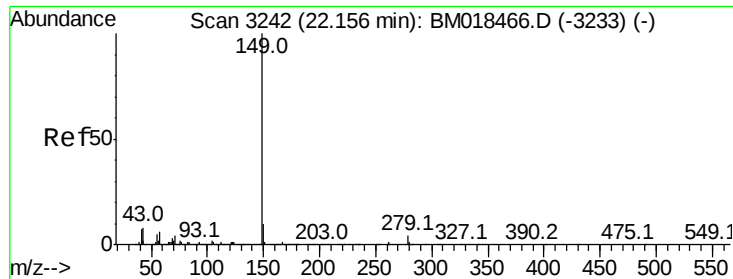
Abundance

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: 39.715 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

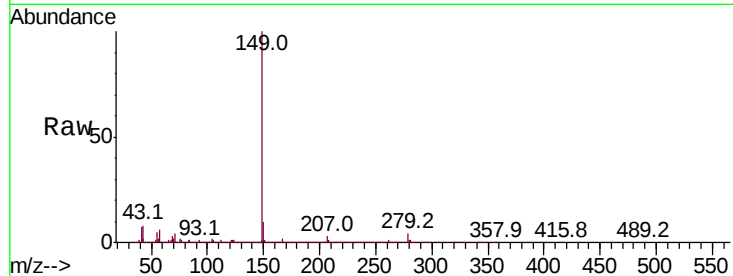
Tot Ion:149 Resp: 6122112

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

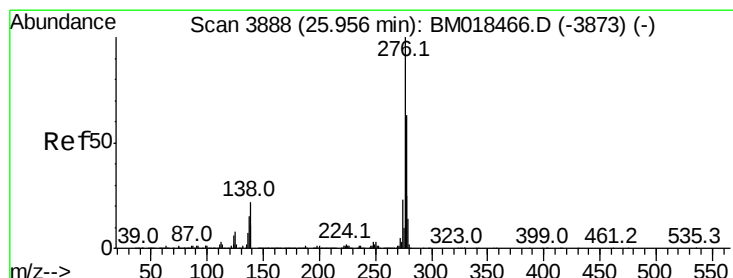
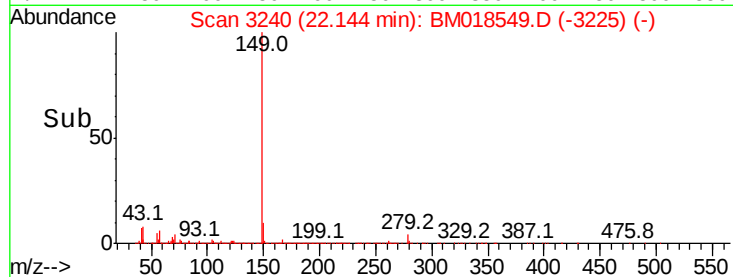
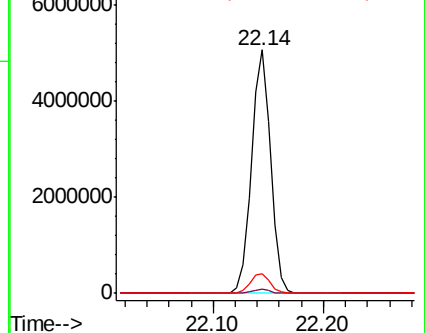
43 8.3 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.319 ng

RT: 25.95 min Scan# 3887

Delta R.T. 0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

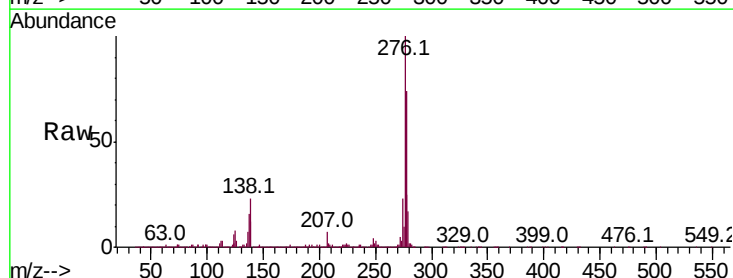
Tgt Ion:276 Resp: 7953946

Ion Ratio Lower Upper

276 100

138 23.4 21.5 32.3

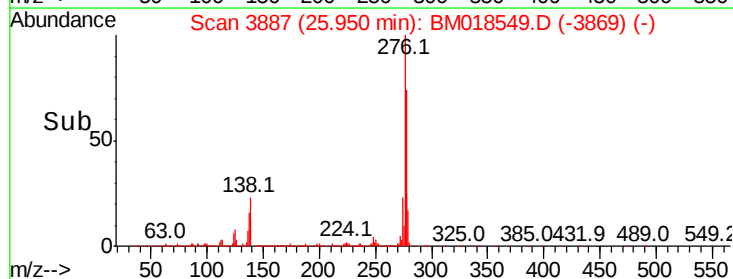
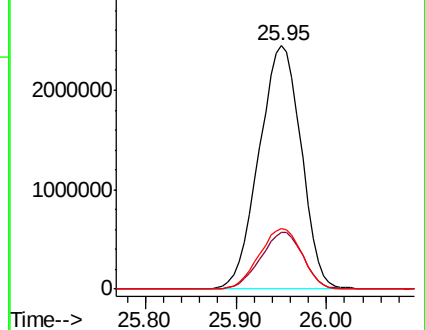
277 25.2 20.2 30.2

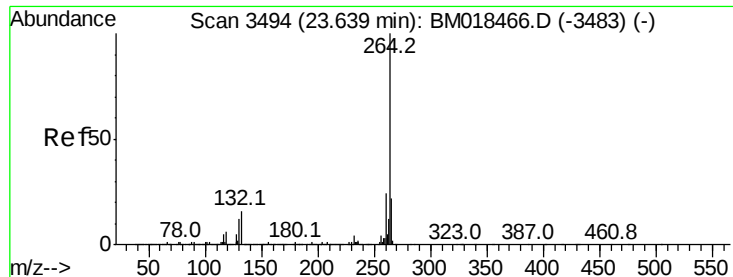


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

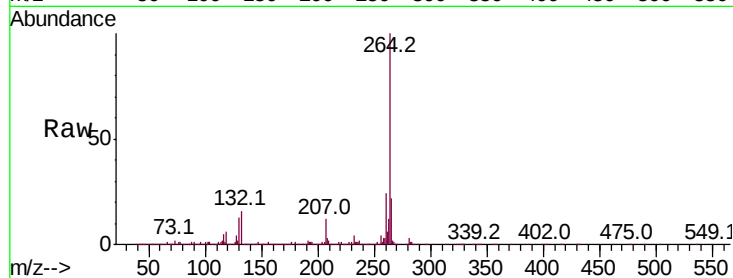
Tot Ion:264 Resp: 2943723

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.7	16.8	25.2

264 100

260 23.5 18.9 28.3

265 21.7 16.8 25.2

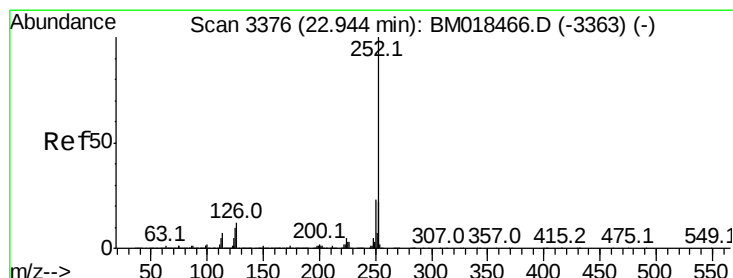
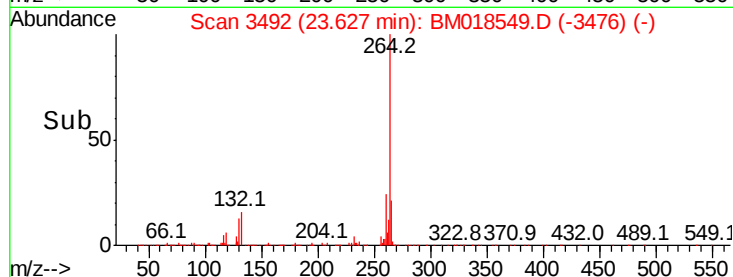
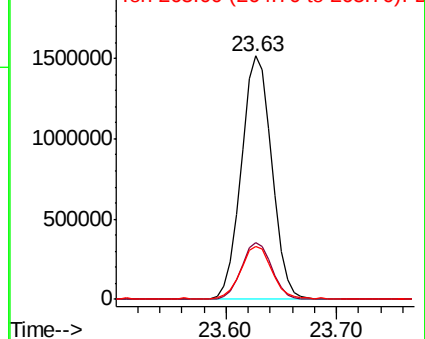


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.592 ng

RT: 22.94 min Scan# 3375

Delta R.T. -0.00 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

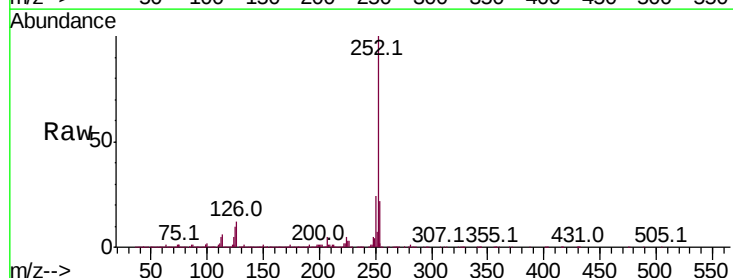
Tgt Ion:252 Resp: 6115387

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.6	8.5	12.7

252 100

253 22.2 17.6 26.4

125 9.6 8.5 12.7

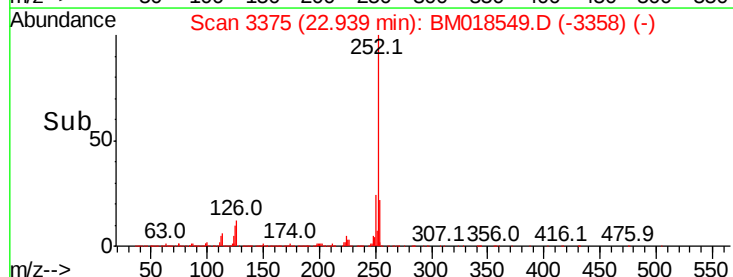
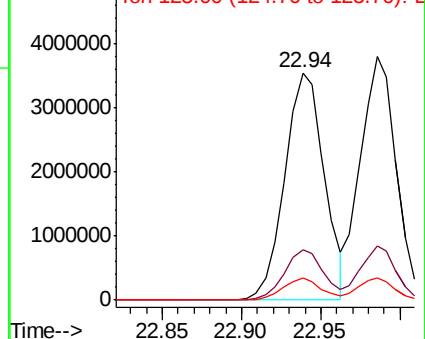


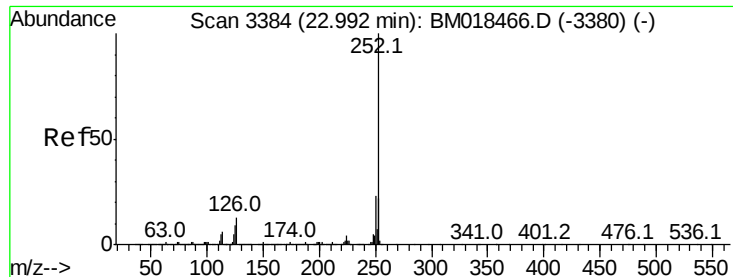
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

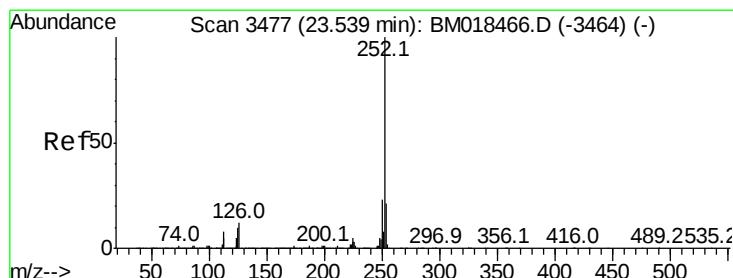
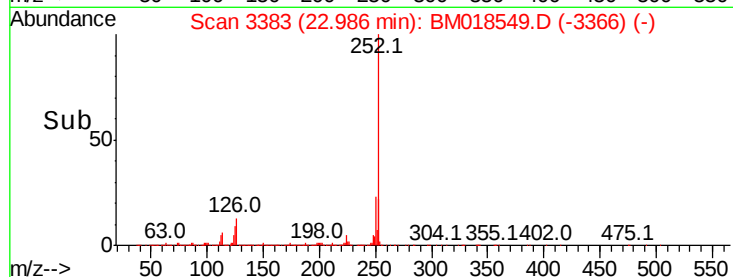
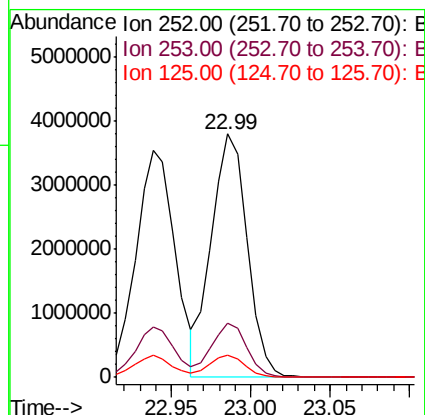
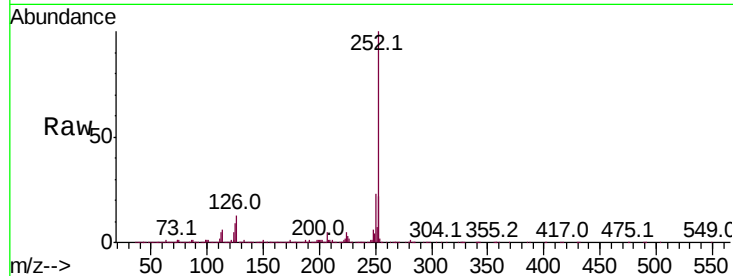




#89
Benzo(k)fluoranthene
Concen: 35.554 ng
RT: 22.99 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

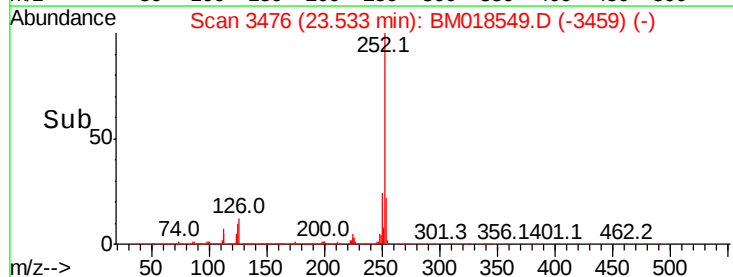
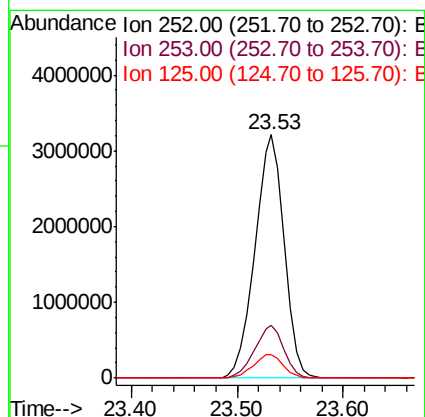
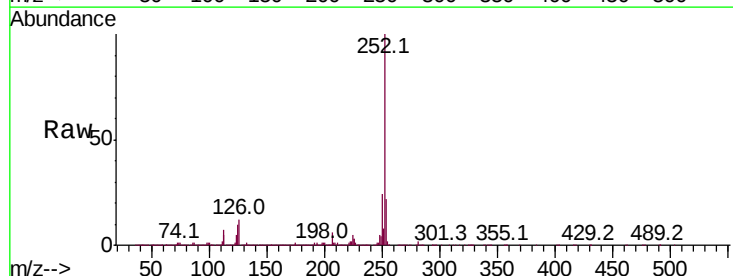
Instrument :
BNA_M
ClientSampleId :

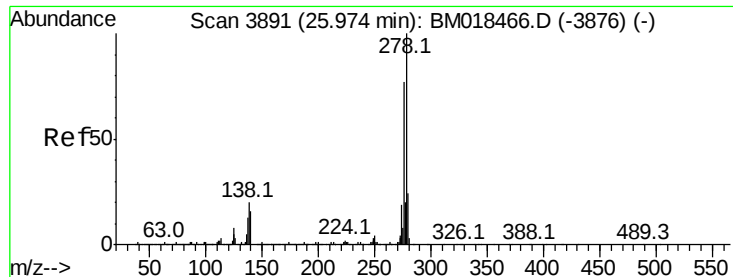
Tot Ion:252 Resp: 5988155
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.3 8.6 12.8



#90
Benzo(a)pyrene
Concen: 38.482 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BM018549.D
Acq: 11 Jan 2019 23:56

Tgt Ion:252 Resp: 6156861
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.8 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 41.003 ng

RT: 25.97 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

Instrument :

BNA_M

ClientSampleId :

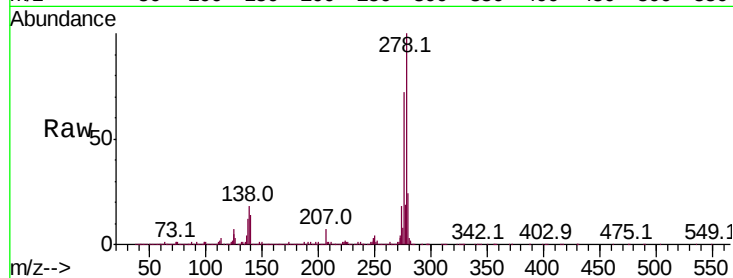
Tot Ion:278 Resp: 6647125

Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.2	19.8
279	23.7	19.0	28.4

278 100

139 14.4 13.2 19.8

279 23.7 19.0 28.4

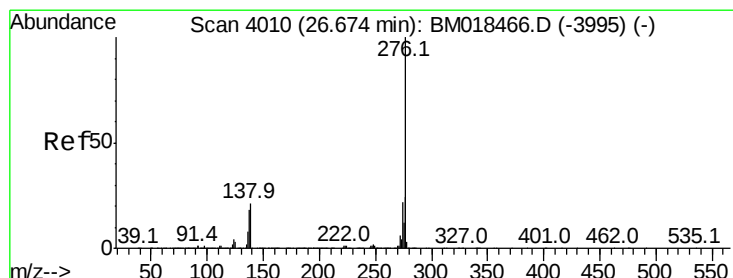
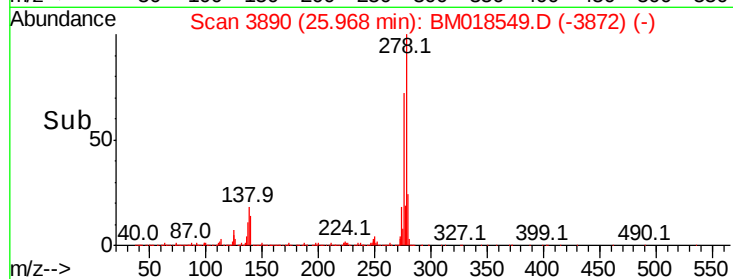
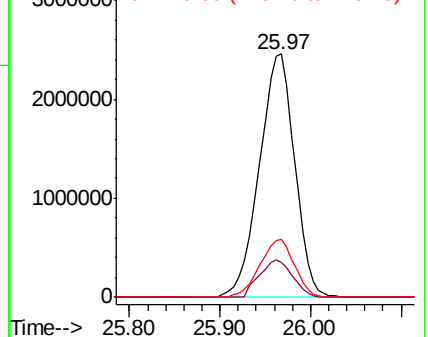


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.031 ng

RT: 26.66 min Scan# 4008

Delta R.T. 0.01 min

Lab File: BM018549.D

Acq: 11 Jan 2019 23:56

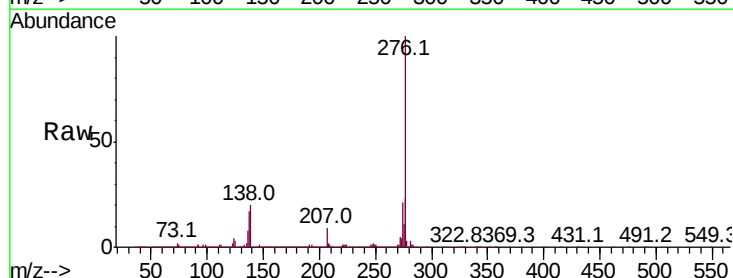
Tgt Ion:276 Resp: 6630751

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	19.9	18.1	27.1

276 100

277 23.1 19.0 28.4

138 19.9 18.1 27.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

