

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018557.D
 Acq On : 14 Jan 2019 18:35
 Operator : JU/SJ
 Sample : K1131-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 14 23:30:24 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	7.75	152	243247	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	1068904	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	651542	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1561258	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1763285	20.00	ng	0.00
87) Perylene-d12	23.63	264	1910115	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1646515	124.99	ng	0.00
7) Phenol-d6	6.93	99	2244540	134.15	ng	0.00
23) Nitrobenzene-d5	8.92	82	1331143	72.19	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1052035	126.81	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3541312	70.92	ng	0.00
79) Terphenyl-d14	19.79	244	5940842	71.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	137817	25.668	ng	95
3) Pyridine	3.68	79	408999	30.554	ng	96
4) n-Nitrosodimethylamine	3.60	42	225449	40.729	ng	# 94
6) Aniline	7.09	93	444843	23.834	ng	97
8) 2-Chlorophenol	7.32	128	642472	41.758	ng	96
9) Benzaldehyde	6.90	77	167628	14.659	ng	99
10) Phenol	6.96	94	783779	46.098	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	497299	37.224	ng	96
12) 1,3-Dichlorobenzene	7.64	146	634571	34.633	ng	99
13) 1,4-Dichlorobenzene	7.79	146	647541	34.868	ng	98
14) 1,2-Dichlorobenzene	8.10	146	629691	35.759	ng	99
15) Benzyl Alcohol	8.00	79	537778	44.500	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.28	45	621253	36.388	ng	96
17) 2-Methylphenol	8.20	107	528646	45.806	ng	98
18) Hexachloroethane	8.82	117	230526	34.815	ng	96
19) n-Nitroso-di-n-propylamine	8.56	70	437163	40.148	ng	93
20) 3+4-Methylphenols	8.53	107	730905	45.876	ng	99
22) Acetophenone	8.58	105	882301	33.367	ng	# 98
24) Nitrobenzene	8.96	77	640415	35.299	ng	97
25) Isophorone	9.48	82	1210847	43.367	ng	97
26) 2-Nitrophenol	9.67	139	362438	41.315	ng	95
27) 2,4-Dimethylphenol	9.72	122	592761	45.081	ng	98
28) bis(2-Chloroethoxy)methane	9.96	93	738353	38.280	ng	99
29) 2,4-Dichlorophenol	10.20	162	664933	42.468	ng	95
30) 1,2,4-Trichlorobenzene	10.40	180	658524	33.885	ng	100
31) Naphthalene	10.60	128	1948401	37.849	ng	100
32) Benzoic acid	9.82	122	71159	13.451	ng	95
33) 4-Chloroaniline	10.72	127	348539	17.192	ng	99
34) Hexachlorobutadiene	10.86	225	390968	31.844	ng	100
35) Caprolactam	11.52	113	204734	38.460	ng	# 83
36) 4-Chloro-3-methylphenol	11.85	107	711499	43.314	ng	99
37) 2-Methylnaphthalene	12.21	142	1495274	41.111	ng	100
38) 1-Methylnaphthalene	12.43	142	1430006	40.634	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	777000	34.103	ng	99

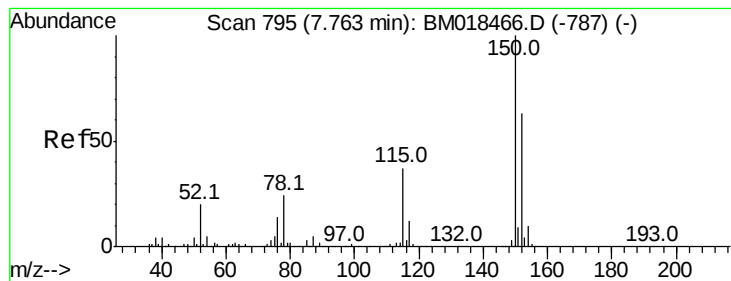
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018557.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	835977	66.854	ng	99
43) 2,4,6-Trichlorophenol	12.83	196	567095	40.987	ng	100
44) 2,4,5-Trichlorophenol	12.90	196	609652	41.897	ng	97
46) 1,1'-Biphenyl	13.23	154	1951986	34.312	ng	98
47) 2-Chloronaphthalene	13.27	162	1512290	34.280	ng	99
48) 2-Nitroaniline	13.49	65	438739	40.424	ng	94
49) Acenaphthylene	14.13	152	2524791	39.272	ng	100
50) Dimethylphthalate	13.87	163	3050741	57.013	ng	99
51) 2,6-Dinitrotoluene	13.99	165	449720	39.677	ng	94
52) Acenaphthene	14.47	154	1449311	36.844	ng	98
53) 3-Nitroaniline	14.32	138	293883	25.718	ng	98
54) 2,4-Dinitrophenol	14.53	184	349051	58.967	ng	94
55) Dibenzofuran	14.80	168	2362926	36.355	ng	99
56) 4-Nitrophenol	14.65	139	847062	85.806	ng	94
57) 2,4-Dinitrotoluene	14.78	165	640346	39.929	ng	96
58) Fluorene	15.45	166	1953744	40.353	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	556091	43.115	ng	98
60) Diethylphthalate	15.23	149	2087905	38.652	ng	99
61) 4-Chlorophenyl-phenylether	15.45	204	979900	35.115	ng	98
62) 4-Nitroaniline	15.49	138	464850	37.295	ng	99
63) Azobenzene	15.74	77	1645378	37.359	ng	98
65) 4,6-Dinitro-2-methylphenol	15.54	198	353783	36.950	ng	87
66) n-Nitrosodiphenylamine	15.67	169	1743428	35.999	ng	100
67) 4-Bromophenyl-phenylether	16.34	248	615524	35.230	ng	98
68) Hexachlorobenzene	16.44	284	678589	34.694	ng	99
69) Atrazine	16.62	200	669767	38.255	ng	98
70) Pentachlorophenol	16.80	266	874057	68.234	ng	99
71) Phenanthrene	17.20	178	3170118	38.174	ng	100
72) Anthracene	17.29	178	3251785	40.721	ng	100
73) Carbazole	17.56	167	2976794	36.284	ng	100
74) Di-n-butylphthalate	18.12	149	3660411	40.731	ng	99
75) Fluoranthene	19.22	202	3874229	40.465	ng	98
77) Benzidine	19.41	184	1777366	40.823	ng	100
78) Pyrene	19.58	202	3995117	38.224	ng	100
80) Butylbenzylphthalate	20.48	149	1790420	40.145	ng	98
81) Benzo(a)anthracene	21.33	228	4064458	39.127	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	900148	22.916	ng	100
83) Chrysene	21.39	228	3812332	38.006	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2585293	40.143	ng	99
85) Di-n-octyl phthalate	22.14	149	4607253	42.535	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.96	276	4964603	42.921	ng	96
88) Benzo(b)fluoranthene	22.94	252	4162531	38.385	ng	98
89) Benzo(k)fluoranthene	22.99	252	4105382	37.566	ng	98
90) Benzo(a)pyrene	23.53	252	4114507	39.632	ng	# 97
91) Dibenzo(a,h)anthracene	25.97	278	4163789	39.583	ng	98
92) Benzo(g,h,i)perylene	26.67	276	4102944	40.081	ng	96

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

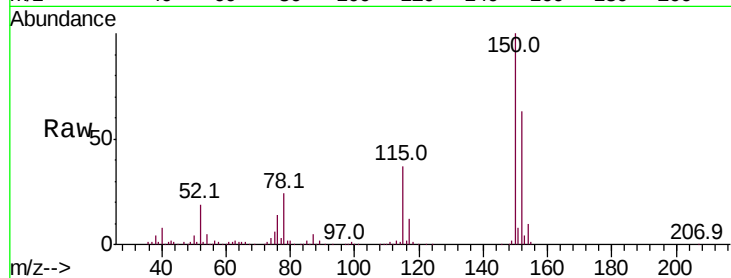


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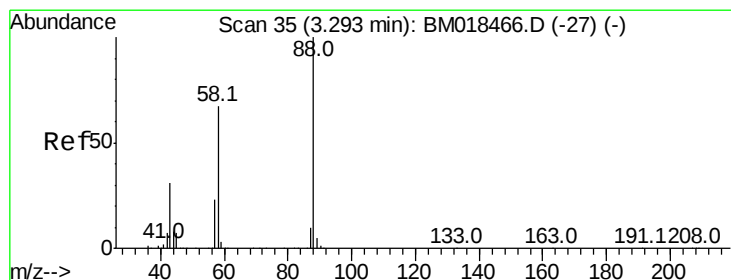
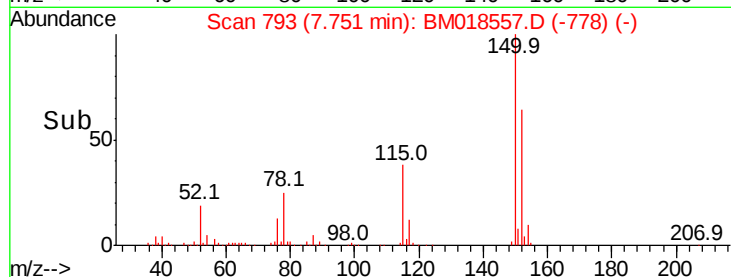
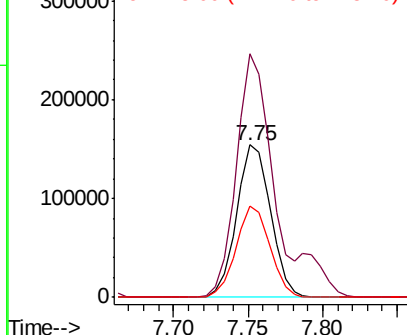
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.9	190.3
115	59.9	45.5	68.3



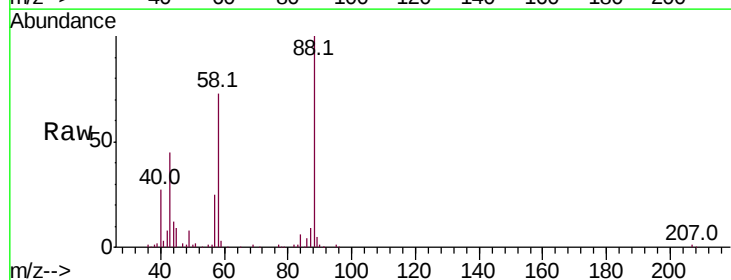
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



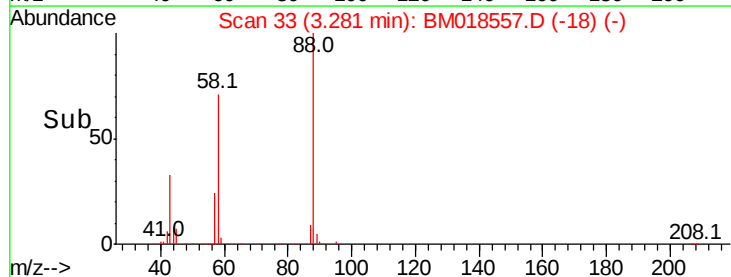
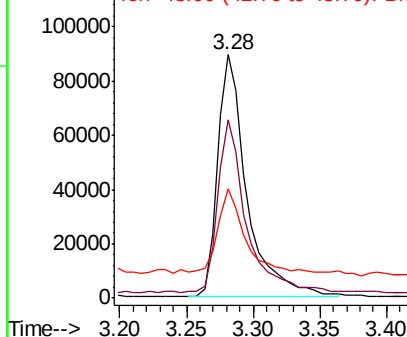
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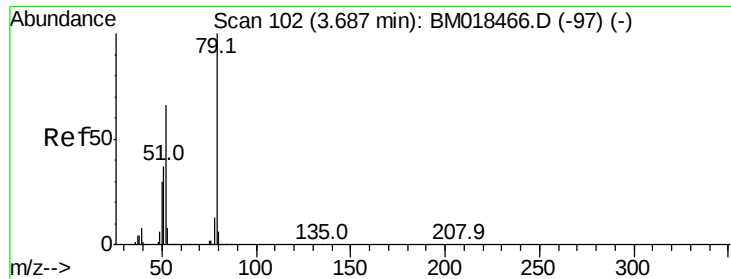
1,4-Dioxane
Concen: 25.668 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	58.4	87.6
43	31.1	26.2	39.4



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

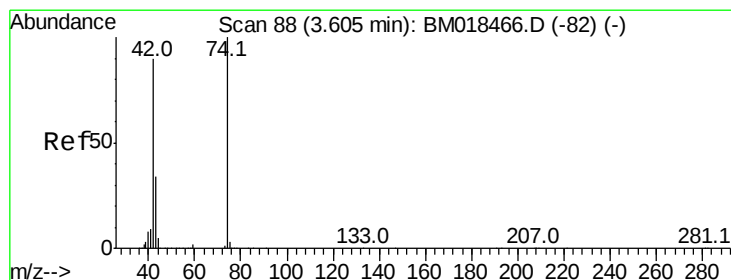
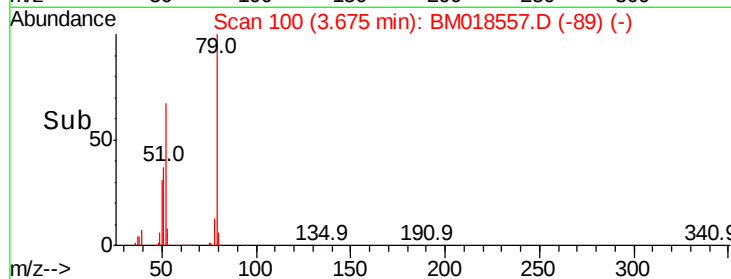
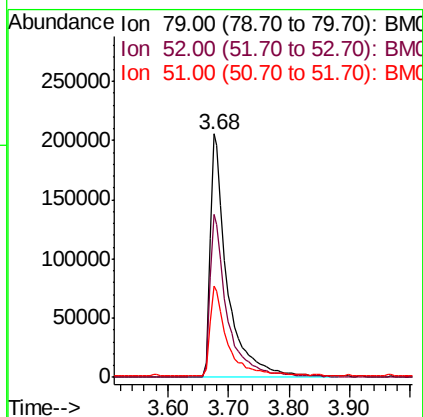
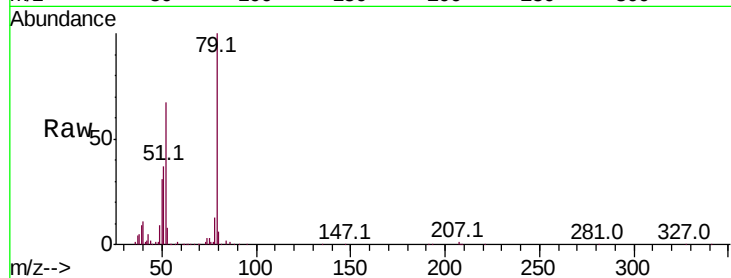




#3
 Pvridine
 Concen: 30.554 ng
 RT: 3.68 min Scan# 100
 Delta R.T. -0.04 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

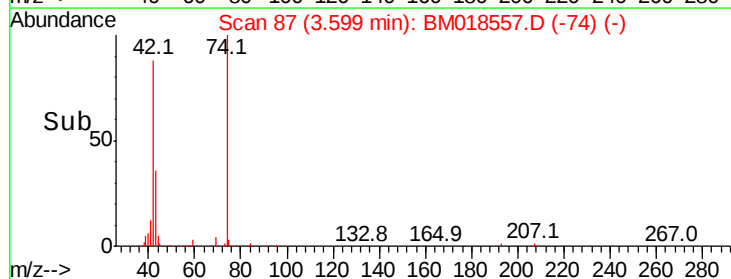
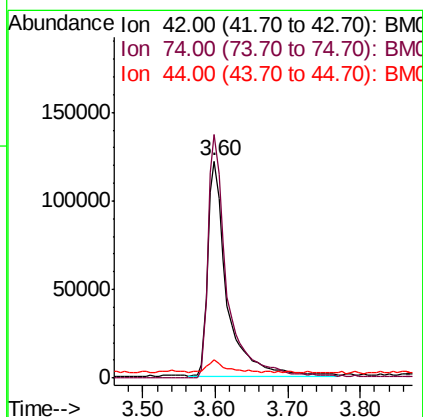
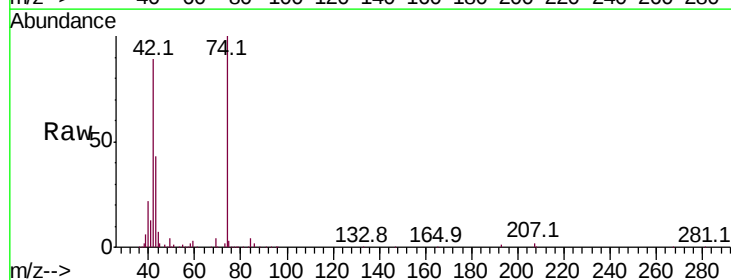
Instrument :
 BNA_M
 ClientSampleId :

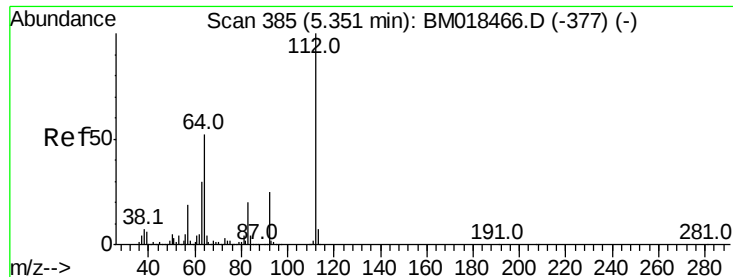
Tot Ion: 79 Resp: 408999
 Ion Ratio Lower Upper
 79 100
 52 67.0 56.4 84.6
 51 37.4 31.0 46.4



#4
 n-Nitrosodimethylamine
 Concen: 40.729 ng
 RT: 3.60 min Scan# 87
 Delta R.T. -0.02 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

Tgt Ion: 42 Resp: 225449
 Ion Ratio Lower Upper
 42 100
 74 112.3 88.6 132.8
 44 8.3 16.9 25.3#





#5

2-Fluorophenol

Concen: 124.987 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

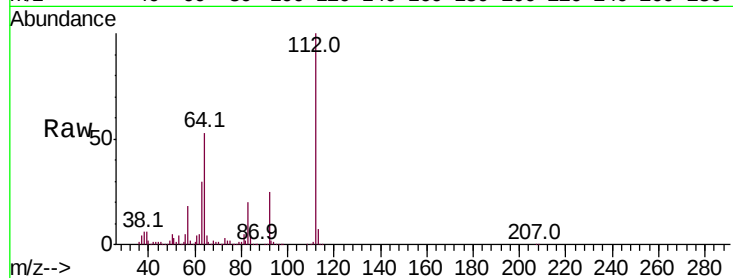
Instrument :

BNA_M

ClientSampled :

Tot Ion:112 Resp: 1646515

Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.5	69.7
63	29.8	25.2	37.8

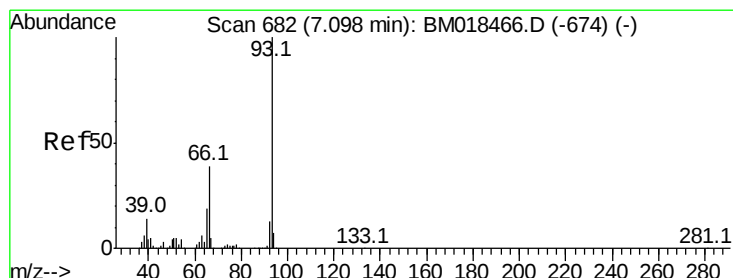
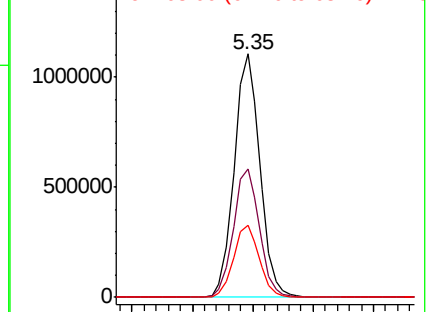
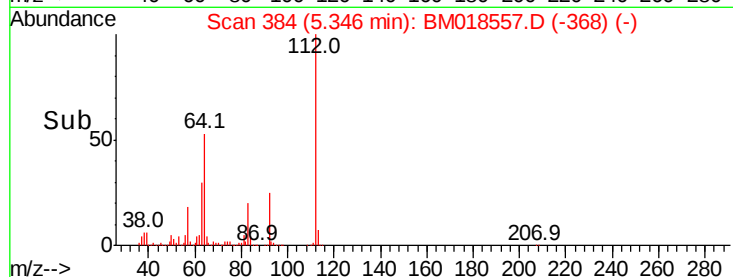


Abundance

Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 23.834 ng

RT: 7.09 min Scan# 681

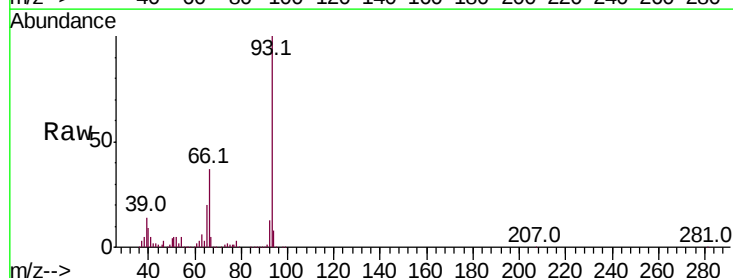
Delta R.T. -0.02 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Tgt Ion: 93 Resp: 444843

Ion	Ratio	Lower	Upper
93	100		
66	37.3	31.7	47.5
65	19.5	15.9	23.9

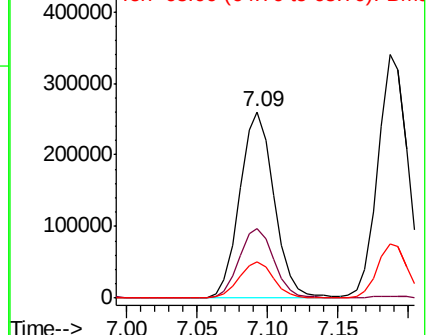
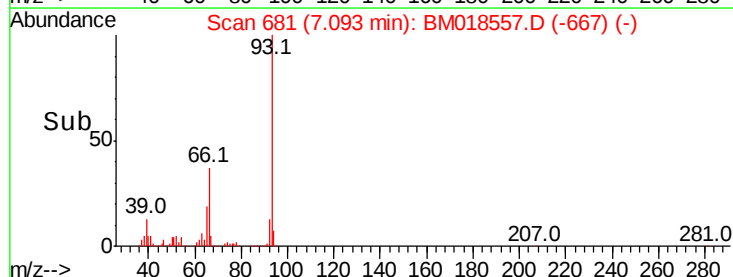


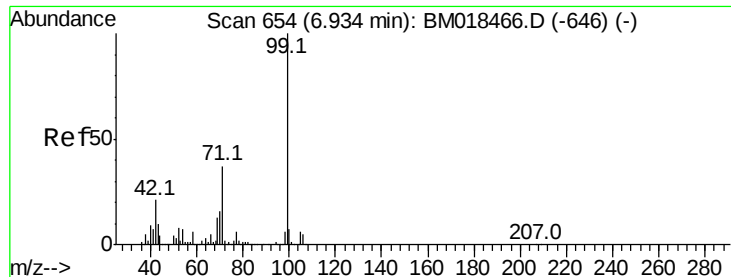
Abundance

Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 134.148 ng

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

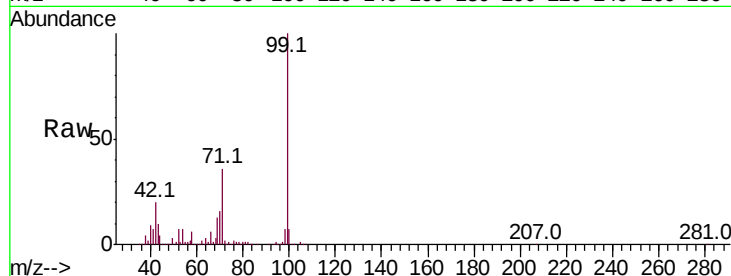
Tot Ion: 99 Resp: 2244540

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

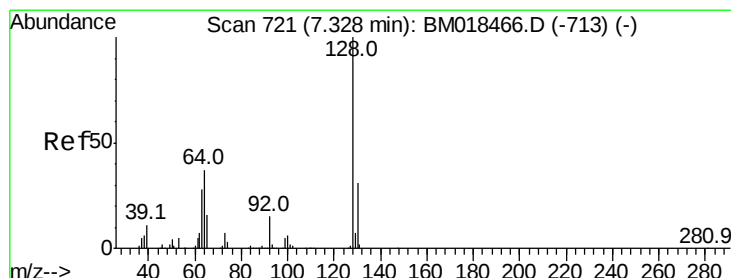
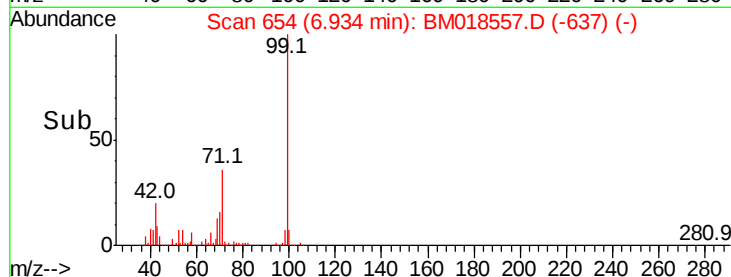
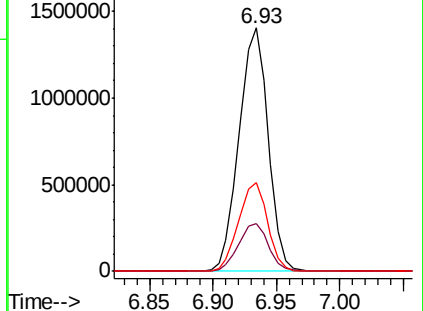
71 36.3 28.0 42.0



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: 41.758 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

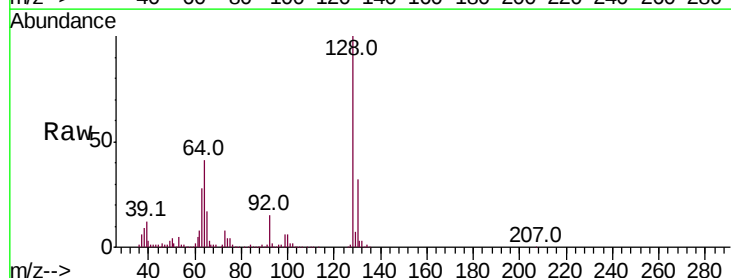
Tgt Ion:128 Resp: 642472

Ion Ratio Lower Upper

128 100

130 32.3 13.6 53.6

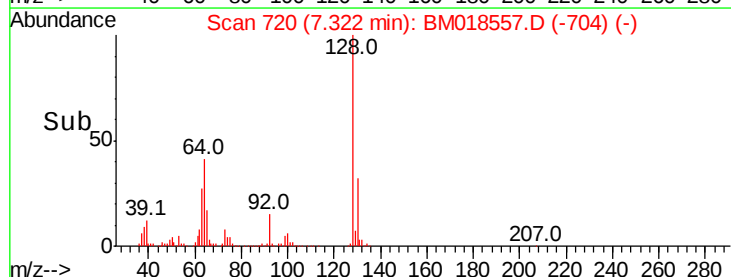
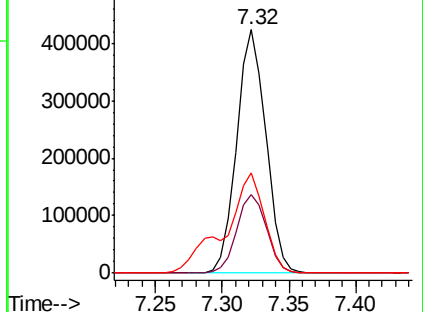
64 41.2 24.8 64.8

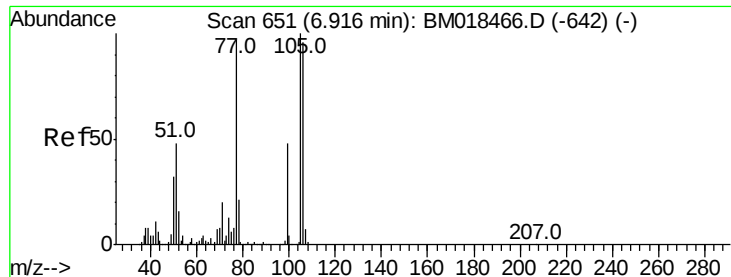


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

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: 14.659 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

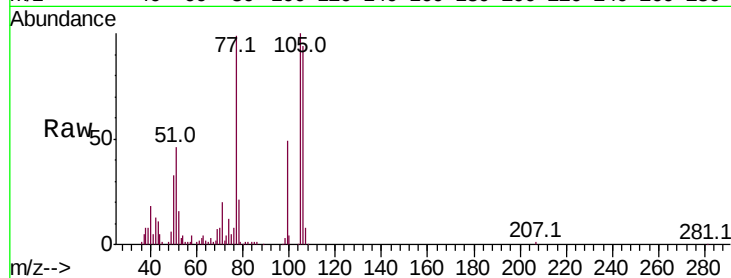
Tot Ion: 77 Resp: 167628

Ion Ratio Lower Upper

77 100

105 101.1 79.7 119.7

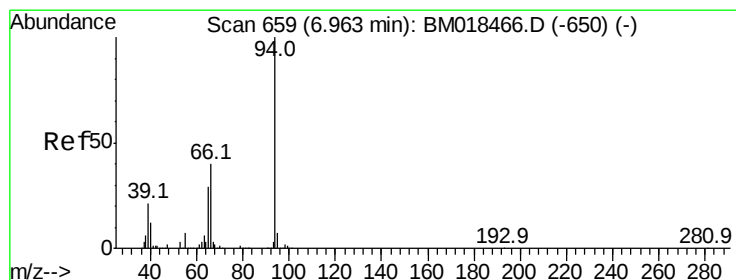
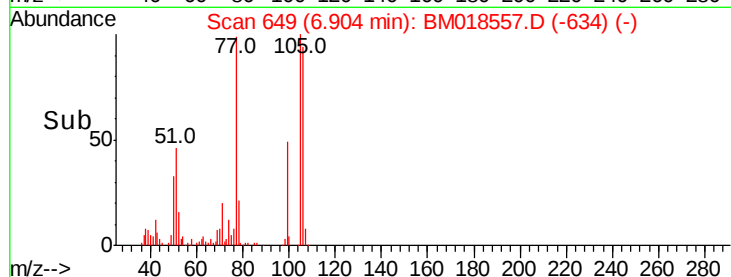
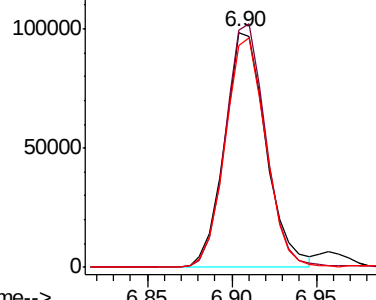
106 94.6 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018466.D (-642) (-)



#10

Phenol

Concen: 46.098 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

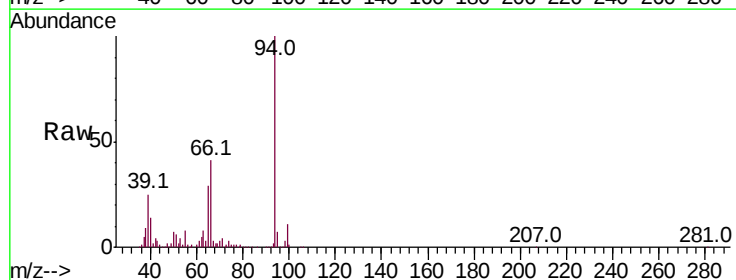
Tgt Ion: 94 Resp: 783779

Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

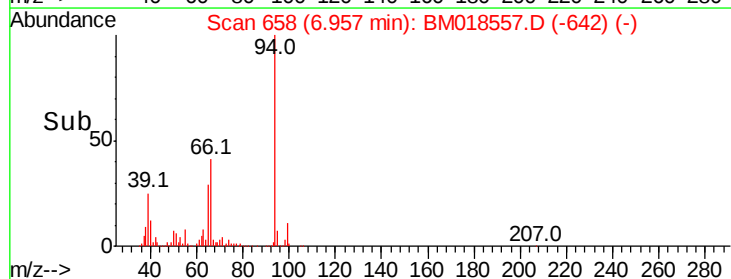
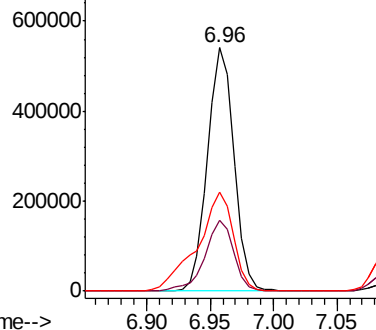
66 40.8 19.1 59.1

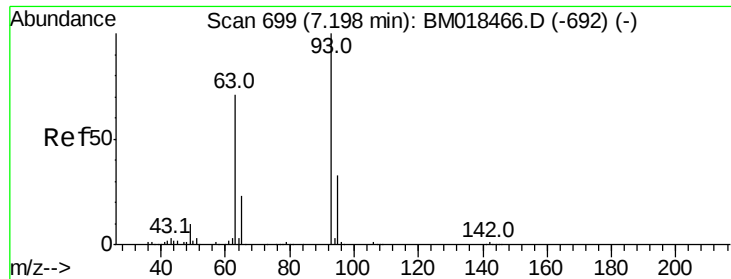


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

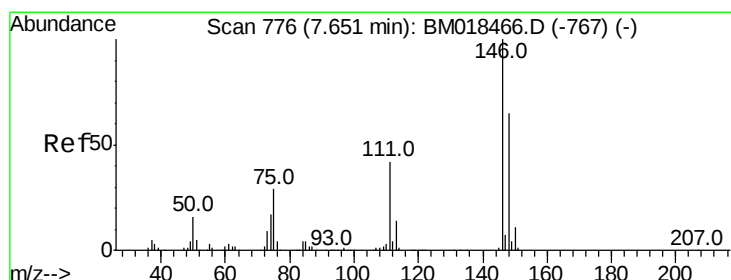
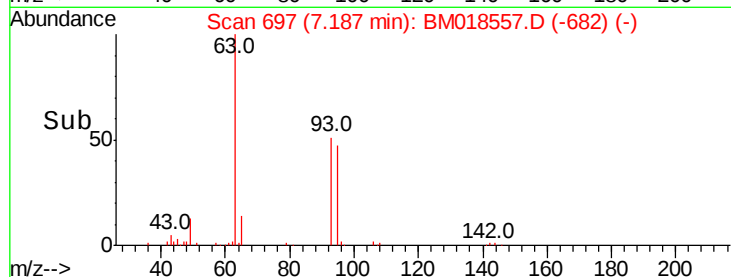
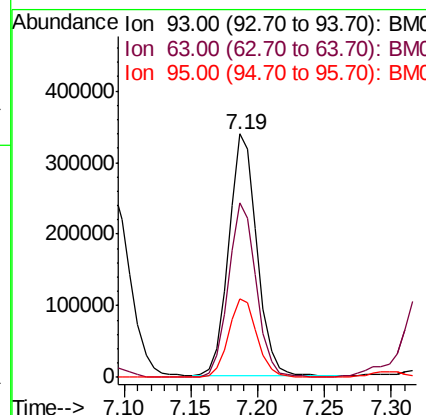
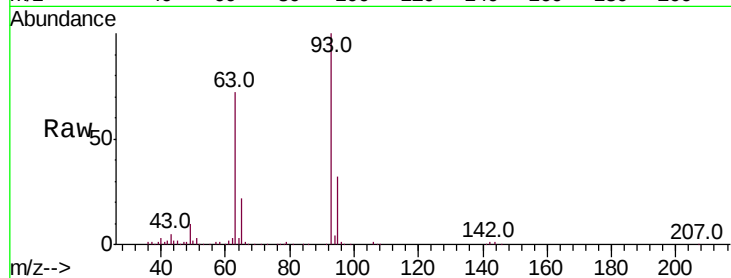




#11
bis(2-Chloroethyl)ether
Concen: 37.224 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

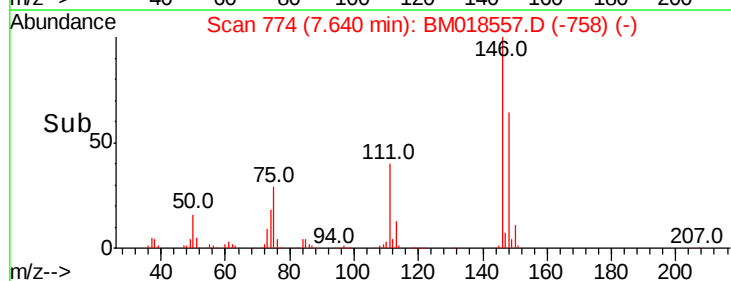
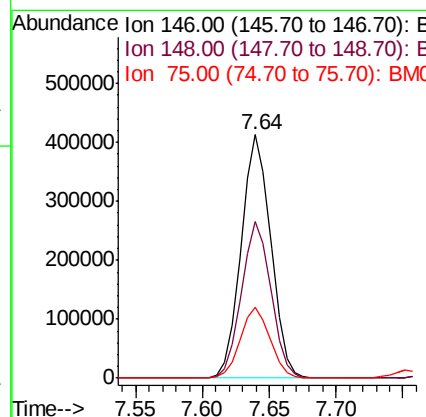
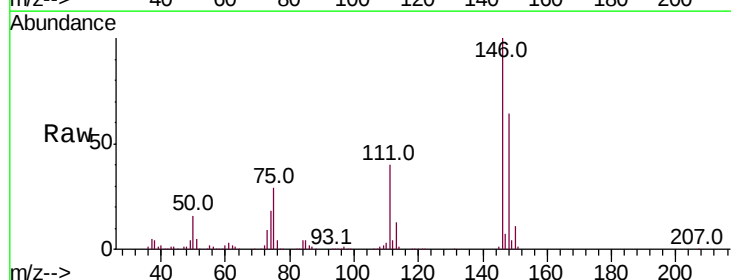
Instrument :
BNA_M
ClientSampled :

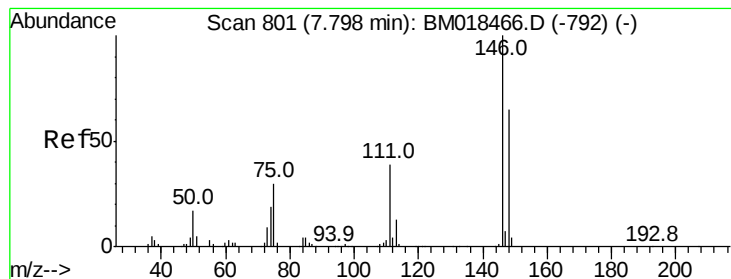
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	56.4	96.4
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 34.633 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.5	75.7
75	29.0	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 34.868 ng

RT: 7.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampled :

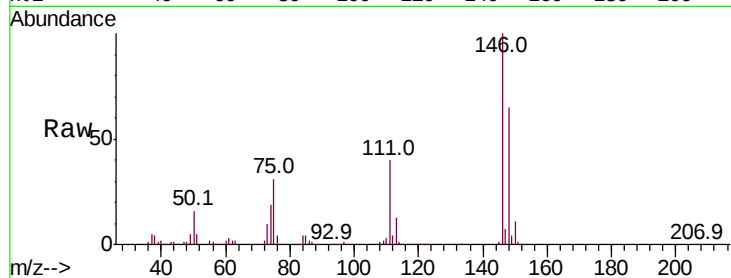
Tot Ion:146 Resp: 647541

Ion Ratio Lower Upper

146 100

148 65.2 50.8 76.2

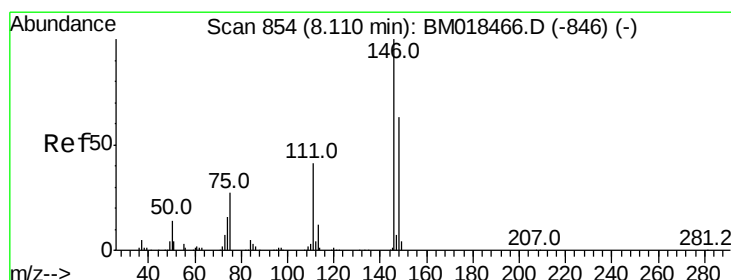
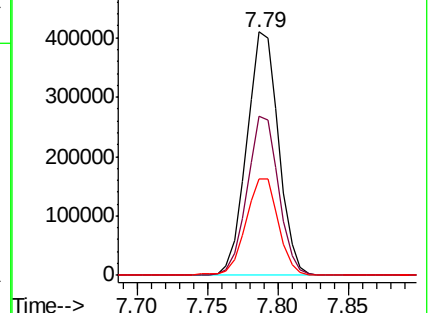
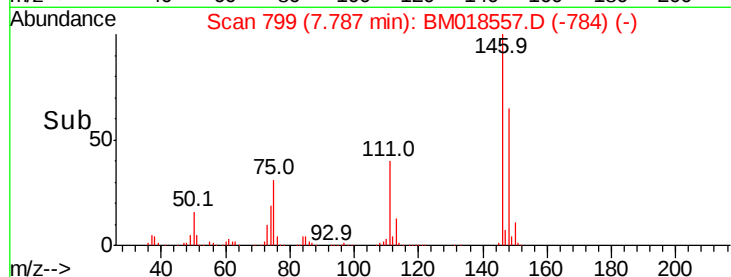
111 39.7 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.759 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

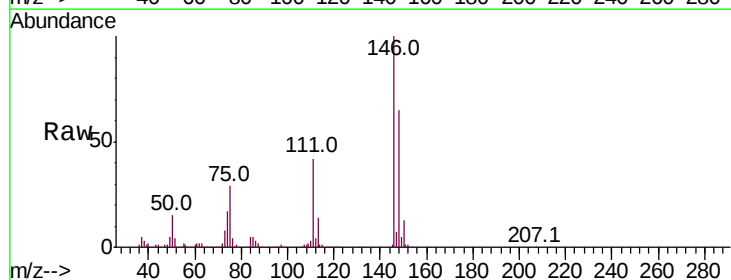
Tgt Ion:146 Resp: 629691

Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.6

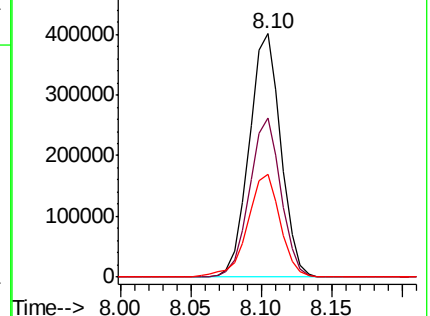
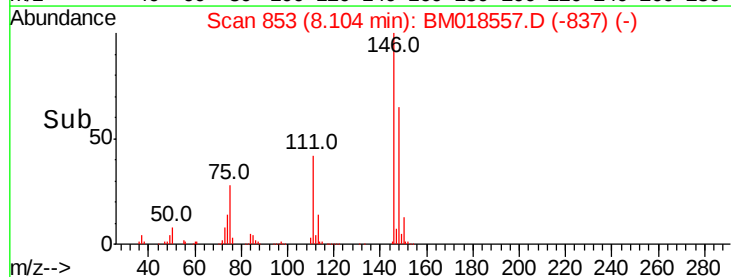
111 42.1 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.500 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampled :

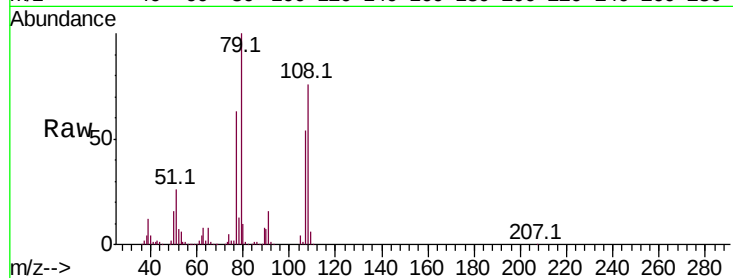
Tot Ion: 79 Resp: 537778

Ion Ratio Lower Upper

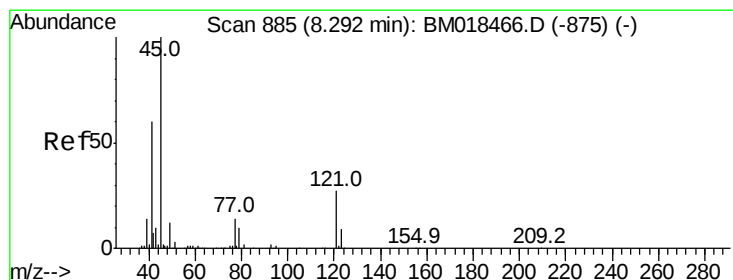
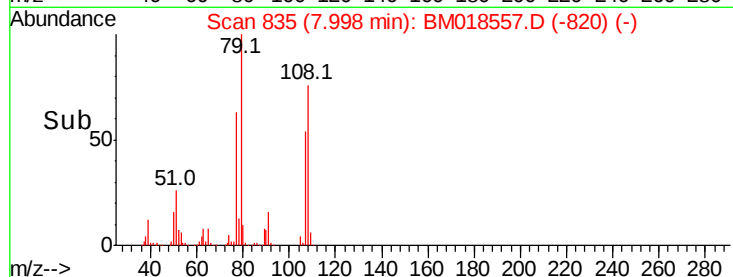
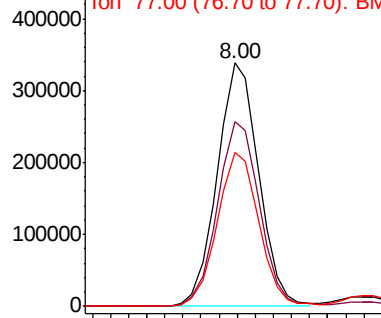
79 100

108 75.8 60.4 90.6

77 63.1 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-827) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.388 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

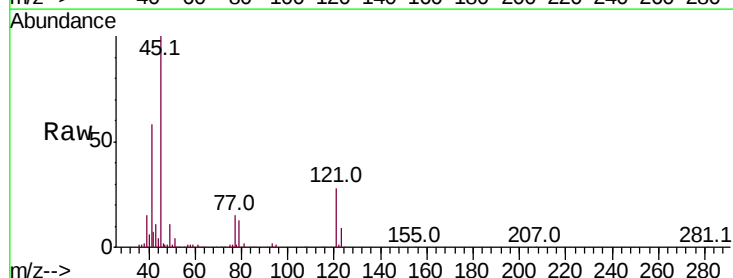
Tgt Ion: 45 Resp: 621253

Ion Ratio Lower Upper

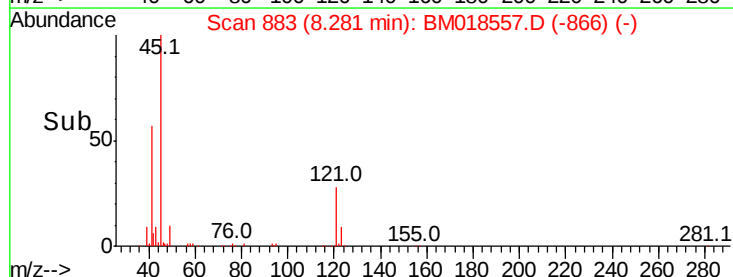
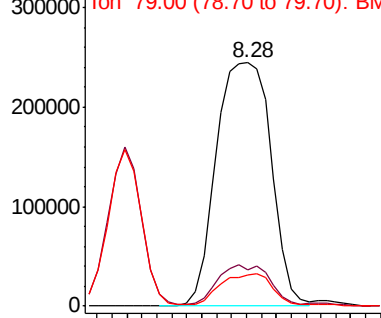
45 100

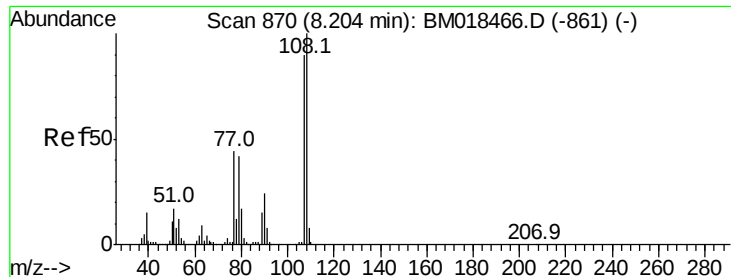
77 15.1 0.0 33.4

79 12.7 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BM018466.D (-875) (-)





#17

2-Methylphenol

Concen: 45.806 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 528646

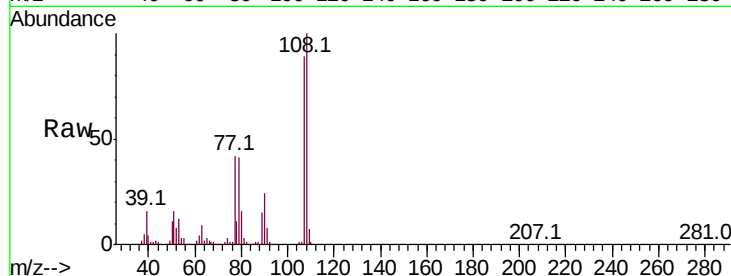
Ion Ratio Lower Upper

107 100

108 112.4 87.5 131.3

77 47.2 37.3 55.9

79 46.4 36.4 54.6



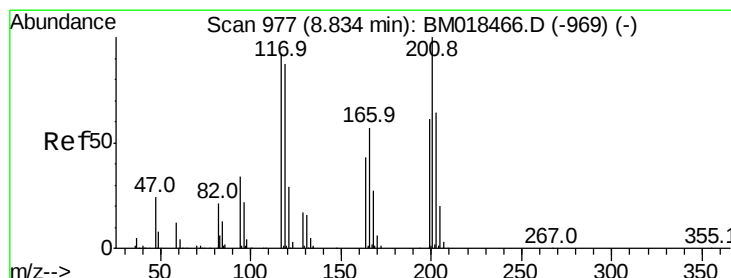
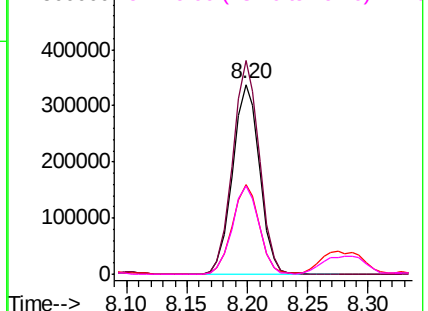
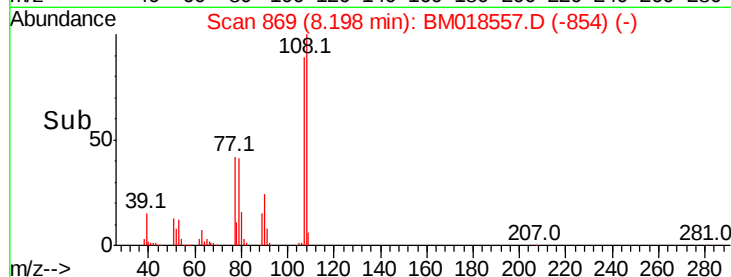
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 34.815 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

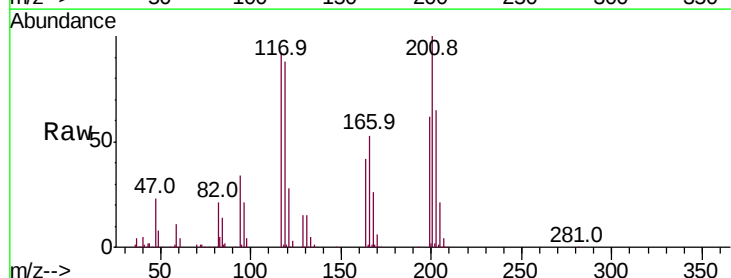
Tgt Ion:117 Resp: 230526

Ion Ratio Lower Upper

117 100

119 96.2 78.3 117.5

201 108.9 81.4 122.0

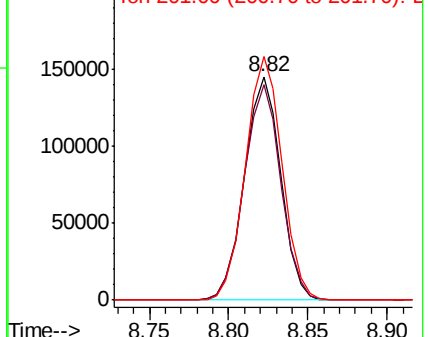
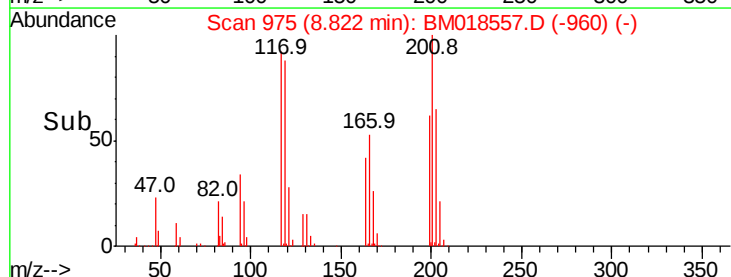


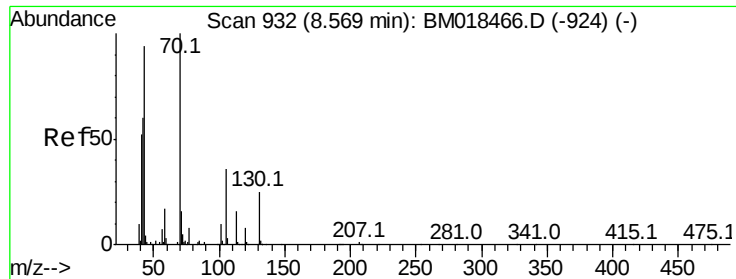
Abundance

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

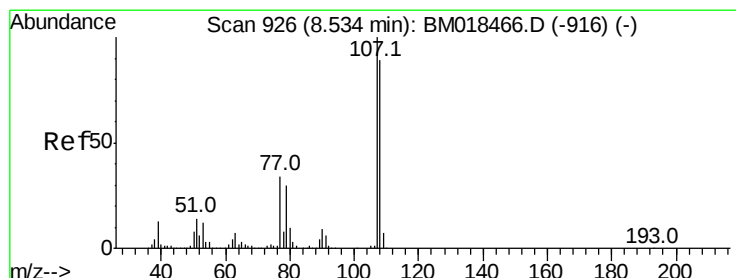
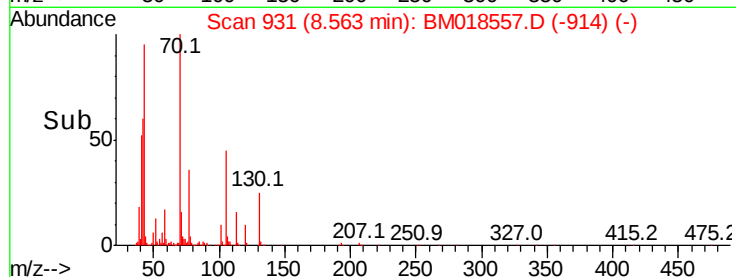
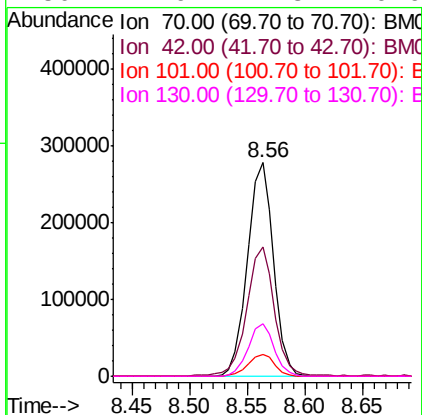
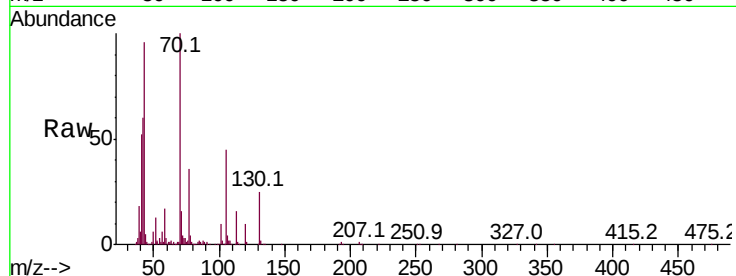




#19
n-Nitroso-di-n-propylamine
Concen: 40.148 ng
RT: 8.56 min Scan# 931
Delta R.T. 0.00 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

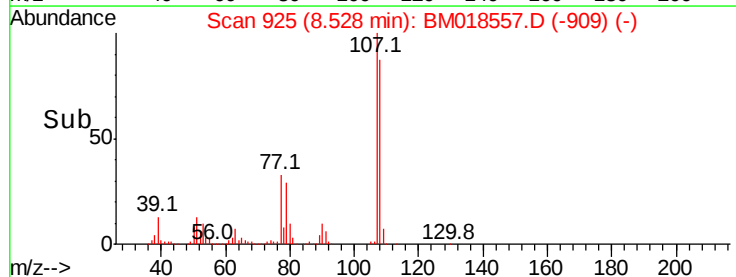
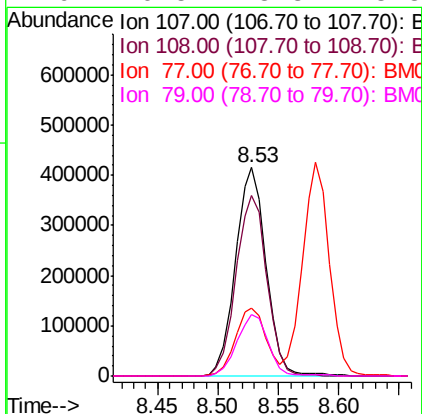
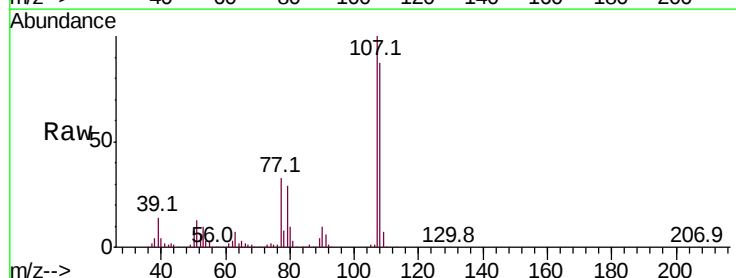
Instrument :
BNA_M
ClientSampleId :

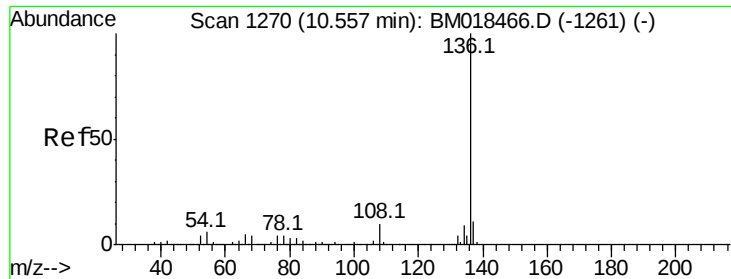
Tot Ion:	70	Resp:	437163
Ion	Ratio	Lower	Upper
70	100		
42	60.3	54.0	81.0
101	10.4	8.1	12.1
130	24.9	17.8	26.6



#20
3+4-Methylphenols
Concen: 45.876 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:	107	Resp:	730905
Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.8	106.8
77	32.7	13.3	53.3
79	29.5	8.8	48.8

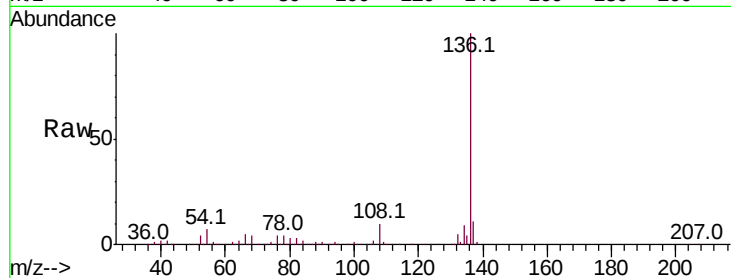




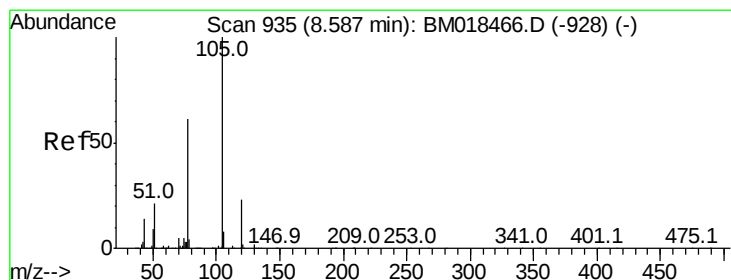
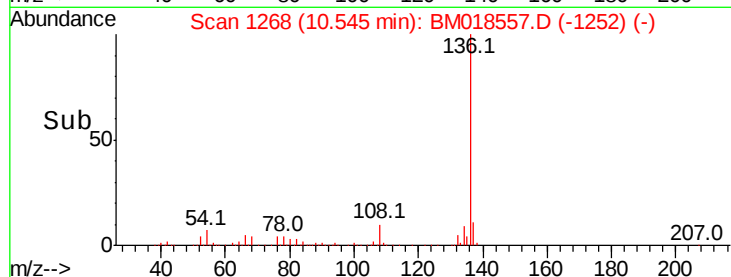
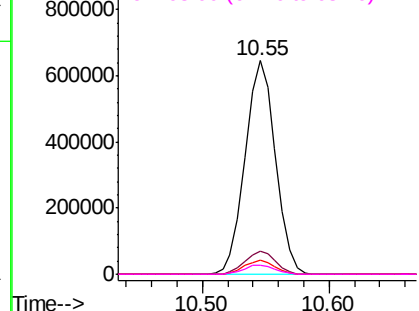
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	1068904
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.7	6.0	9.0
68	4.5	4.5	6.7

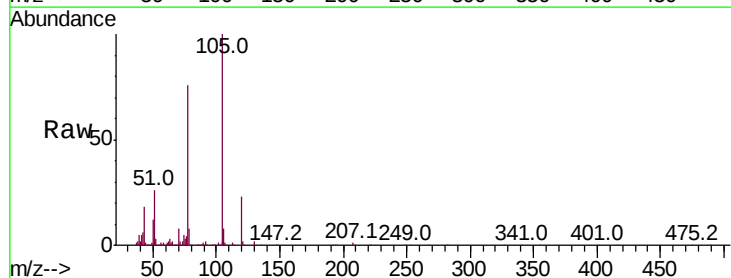


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

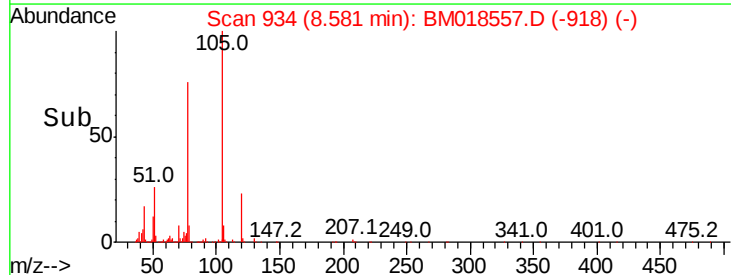
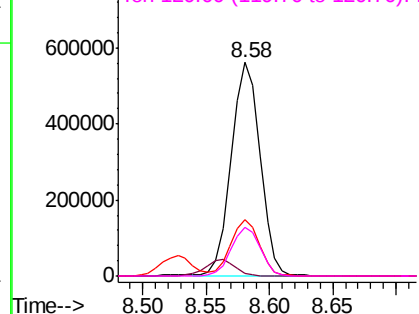


#22
Acetophenone
Concen: 33.367 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:	105	Resp:	882301
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.7	2.5#
51	26.3	22.6	34.0
120	22.6	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: 72.193 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampled :

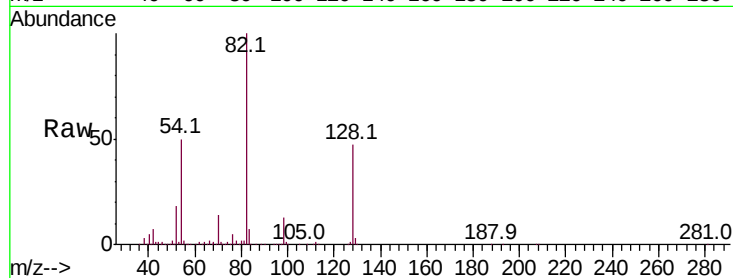
Tot Ion: 82 Resp: 1331143

Ion Ratio Lower Upper

82 100

128 46.7 36.3 54.5

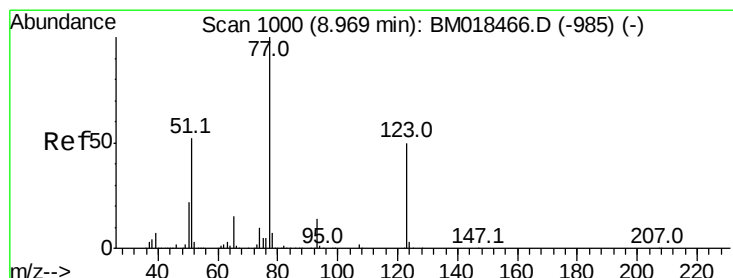
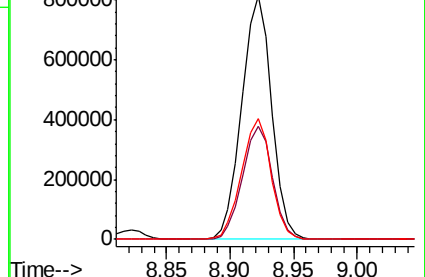
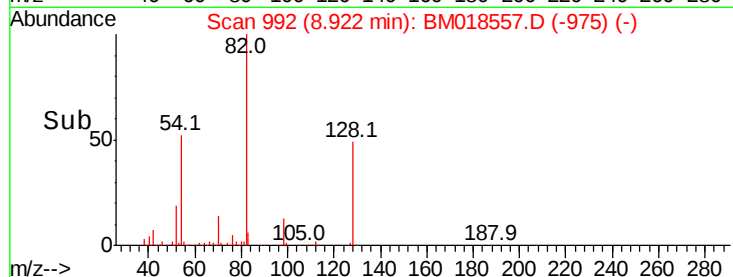
54 49.6 41.7 62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



#24

Nitrobenzene

Concen: 35.299 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

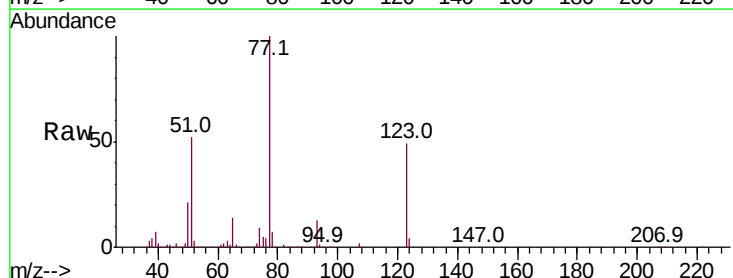
Tgt Ion: 77 Resp: 640415

Ion Ratio Lower Upper

77 100

123 49.3 37.7 56.5

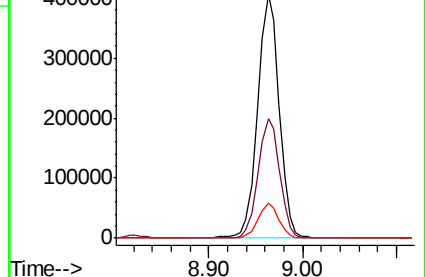
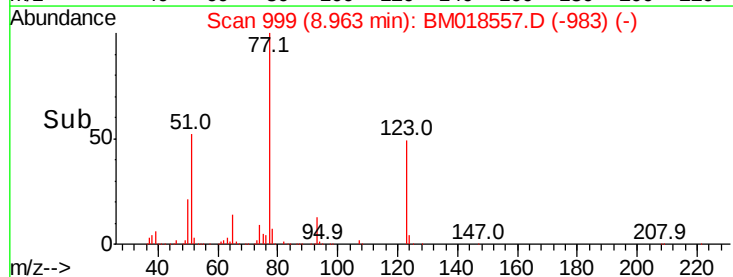
65 14.2 11.0 16.6

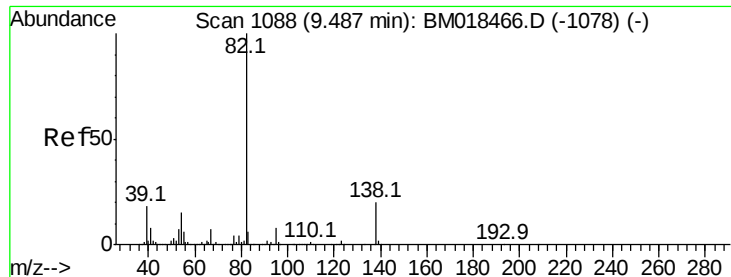


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-985) (-)

Ion 123.00 (122.70 to 123.70): BM018466.D (-985) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-985) (-)





#25

Isophorone

Concen: 43.367 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampled :

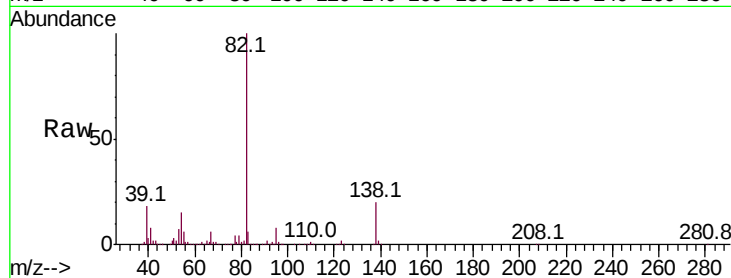
Tot Ion: 82 Resp: 1210847

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

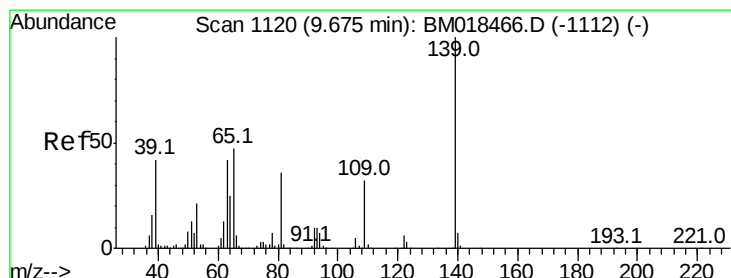
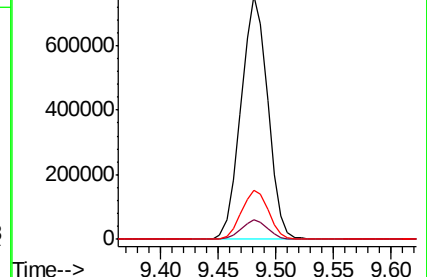
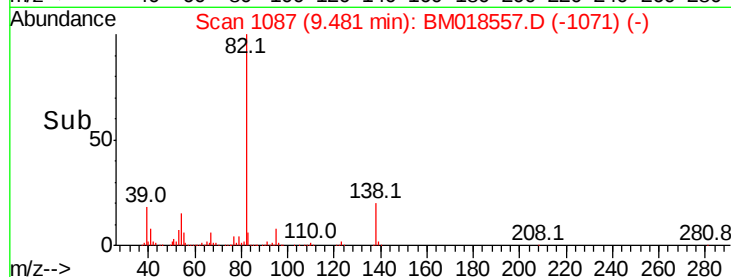
138 20.3 15.1 22.7



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: 41.315 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

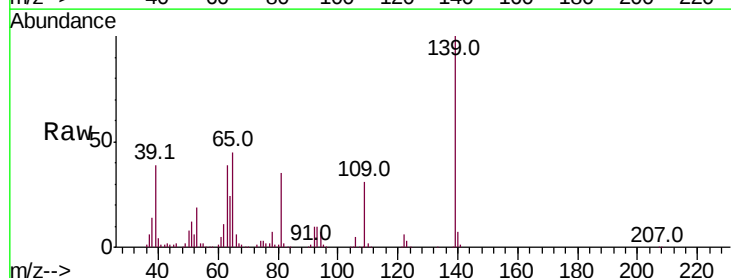
Tgt Ion: 139 Resp: 362438

Ion Ratio Lower Upper

139 100

109 30.5 23.4 35.2

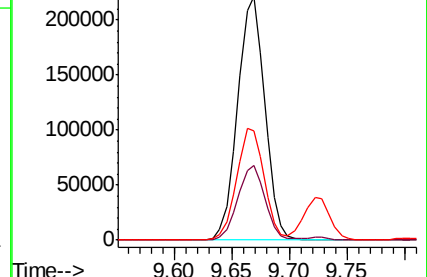
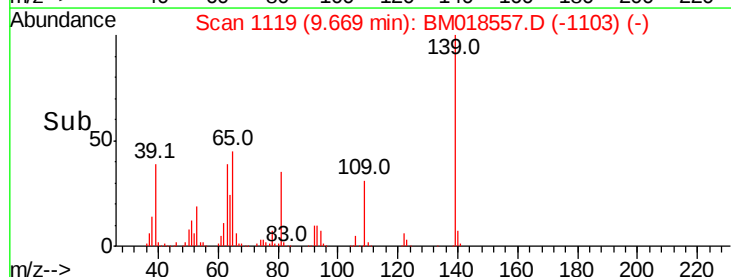
65 45.0 39.4 59.2

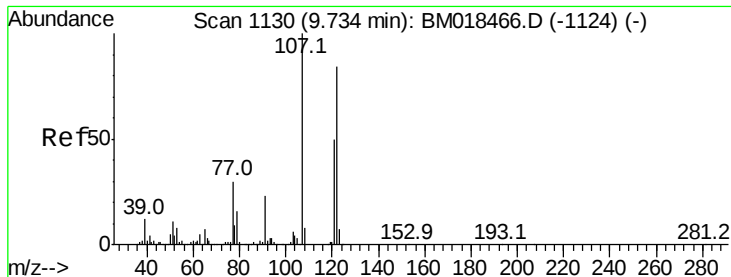


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

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: 45.081 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampled :

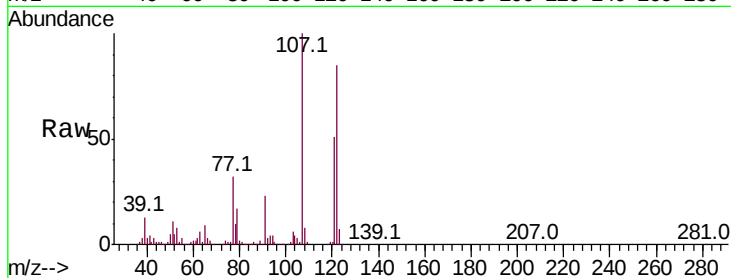
Tot Ion:122 Resp: 592761

Ion Ratio Lower Upper

122 100

107 117.5 91.9 137.9

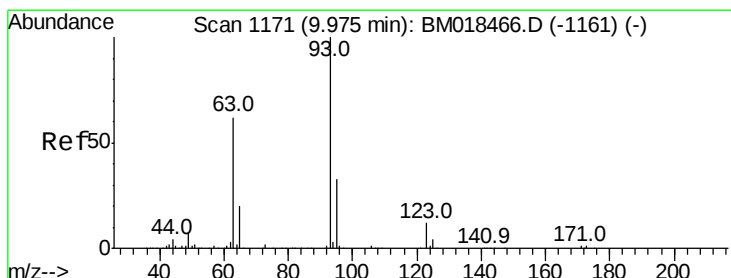
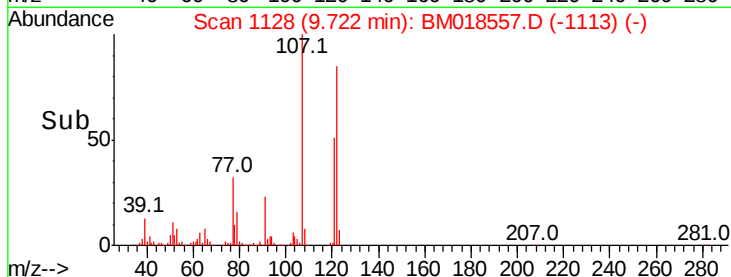
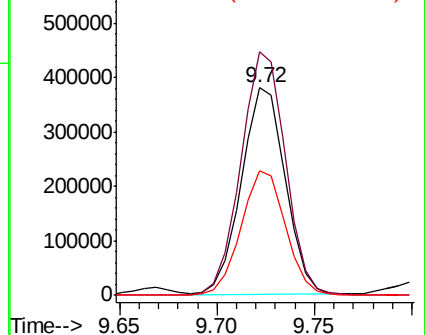
121 60.0 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.280 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

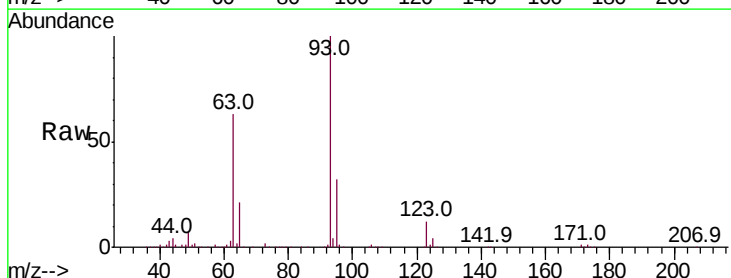
Tgt Ion: 93 Resp: 738353

Ion Ratio Lower Upper

93 100

95 32.3 26.6 39.8

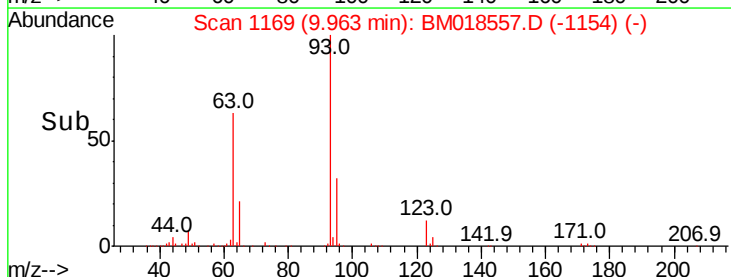
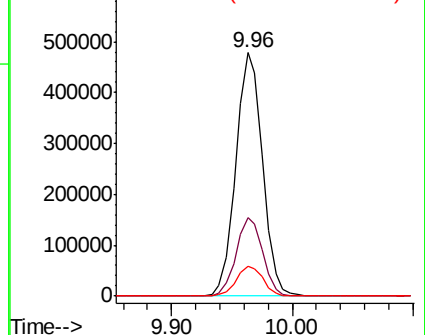
123 12.3 9.9 14.9

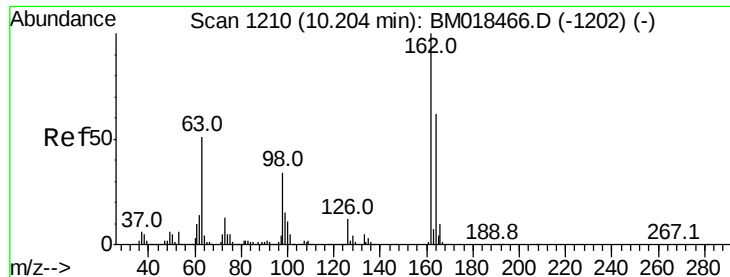


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

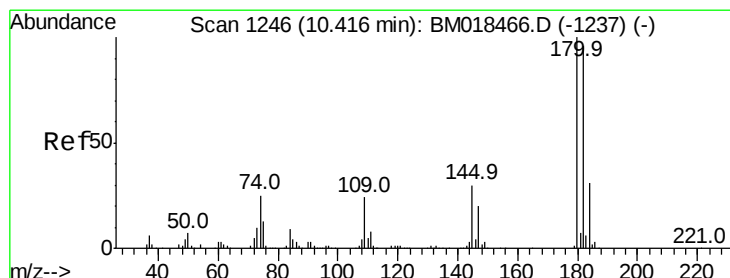
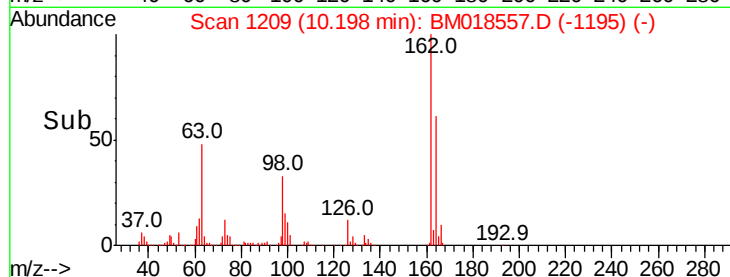
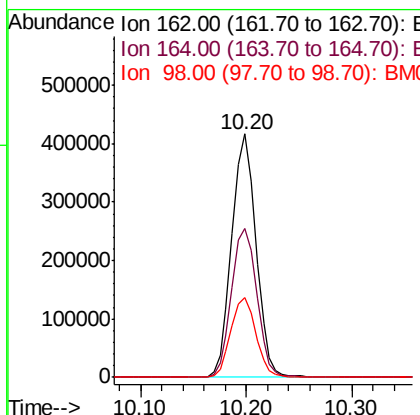
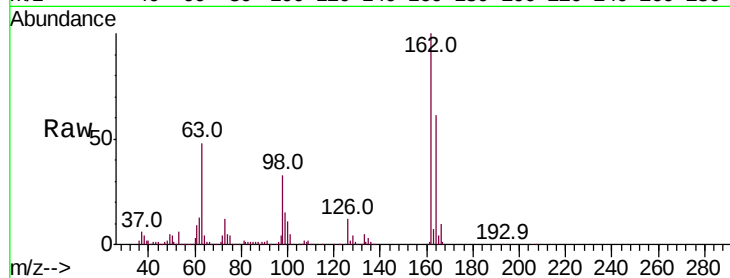




#29
 2,4-Dichlorophenol
 Concen: 42.468 ng
 RT: 10.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

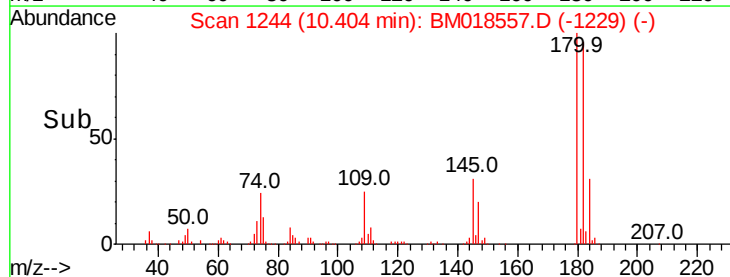
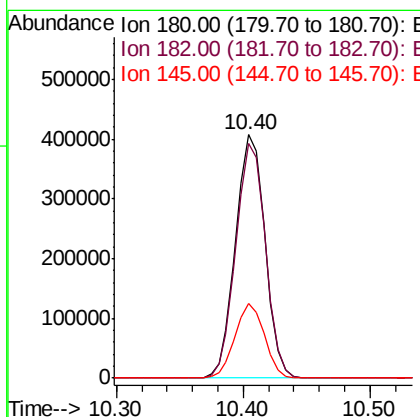
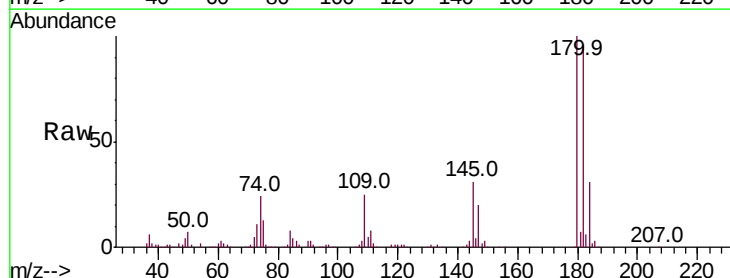
Instrument :
 BNA_M
 ClientSampleId :

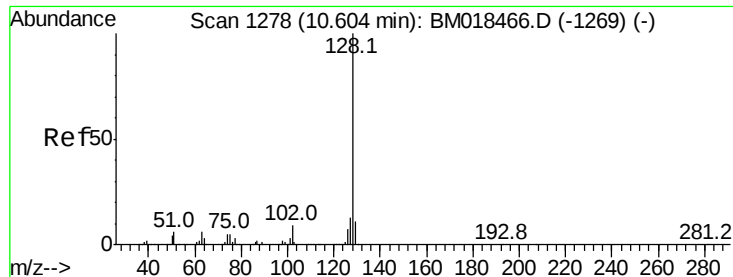
Tot Ion:162 Resp: 664933
 Ion Ratio Lower Upper
 162 100
 164 61.4 45.6 85.6
 98 33.0 14.7 54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 33.885 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

Tgt Ion:180 Resp: 658524
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.4 116.2
 145 30.9 24.6 37.0

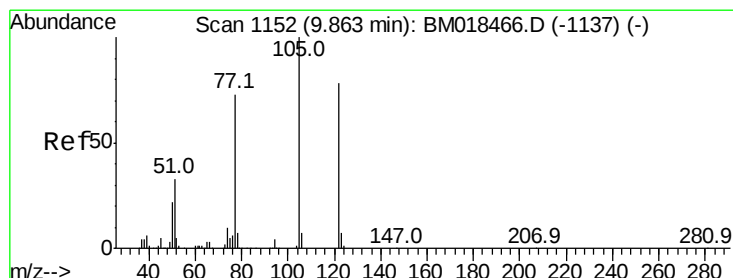
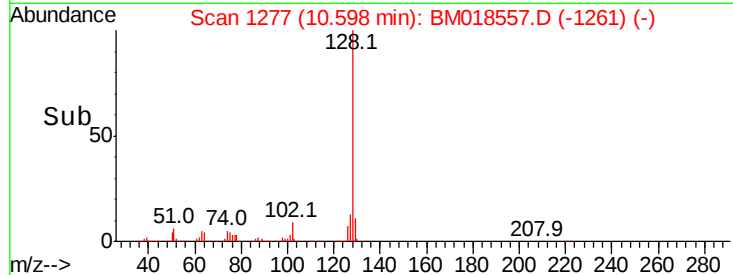
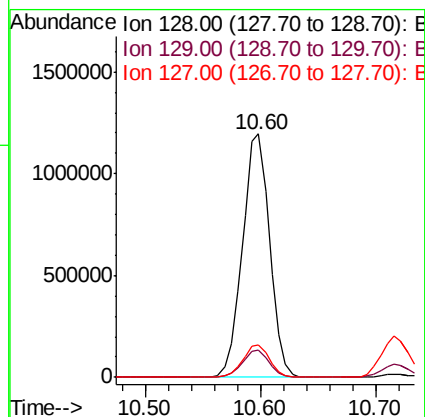
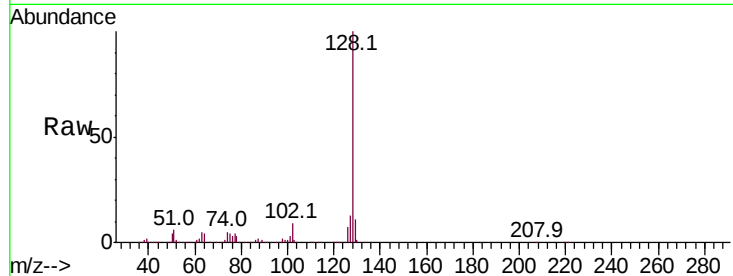




#31
Naphthalene
Concen: 37.849 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

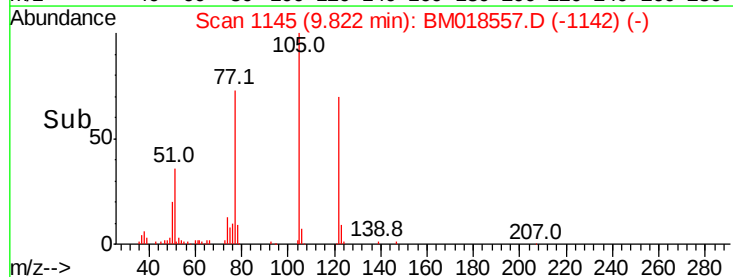
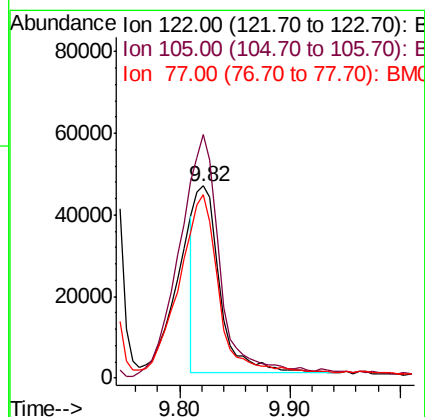
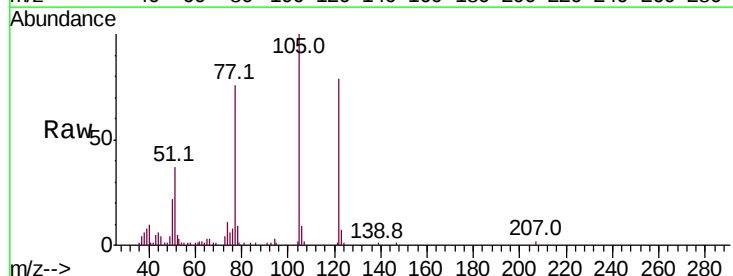
Instrument :
BNA_M
ClientSampleId :

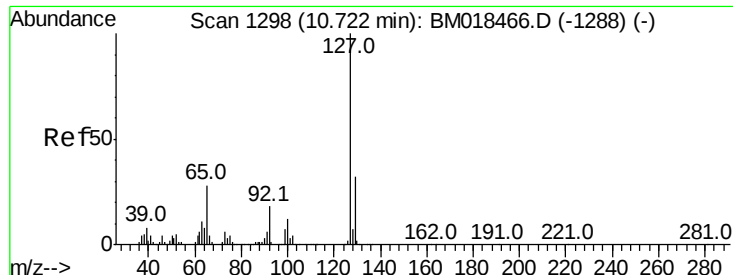
Tot Ion:128 Resp: 1948401
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 13.451 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.08 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:122 Resp: 71159
Ion Ratio Lower Upper
122 100
105 126.8 100.4 140.4
77 95.9 71.7 111.7

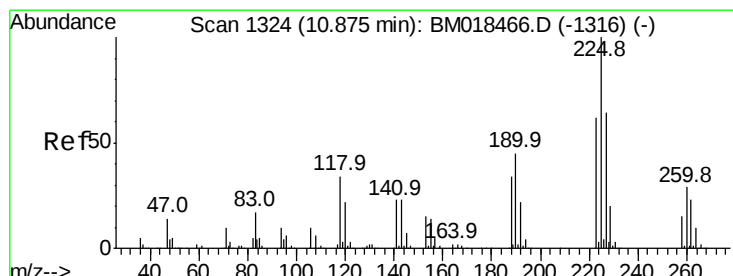
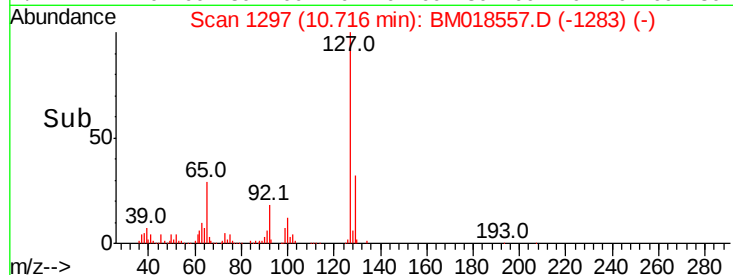
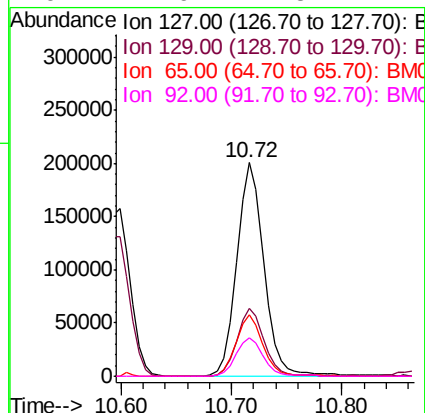
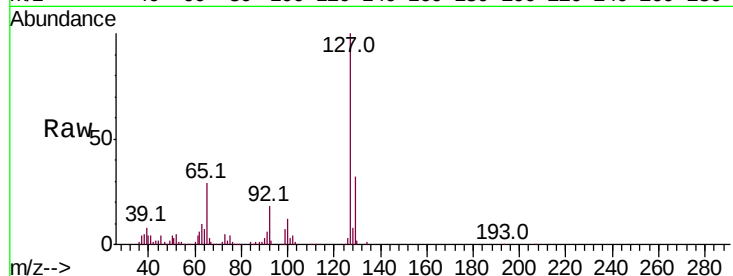




#33
4-Chloroaniline
Concen: 17.192 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

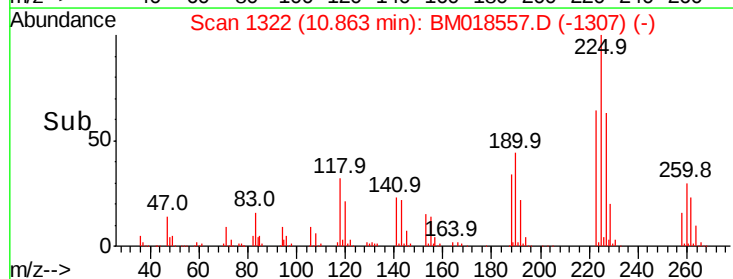
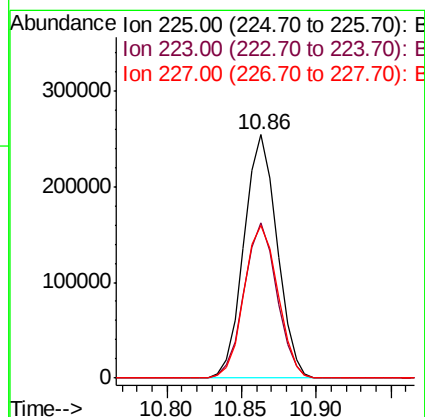
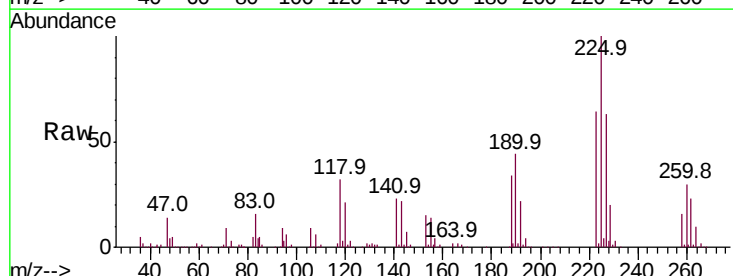
Instrument :
BNA_M
ClientSampleId :

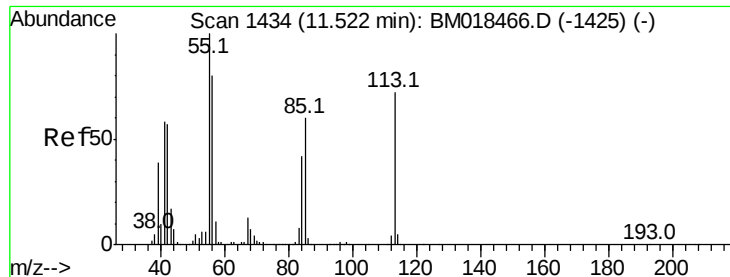
Tot Ion:	127	Resp:	348539
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.9	23.4	35.2
92	17.9	14.5	21.7



#34
Hexachlorobutadiene
Concen: 31.844 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:	225	Resp:	390968
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.8	76.2
227	62.6	50.4	75.6





#35

Caprolactam

Concen: 38.460 ng

RT: 11.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

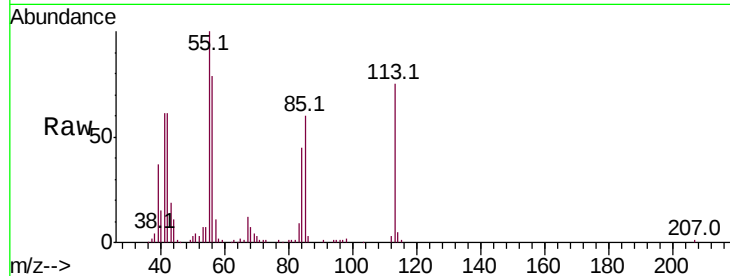
Tot Ion:113 Resp: 204734

Ion Ratio Lower Upper

113 100

55 133.9 139.3 179.3#

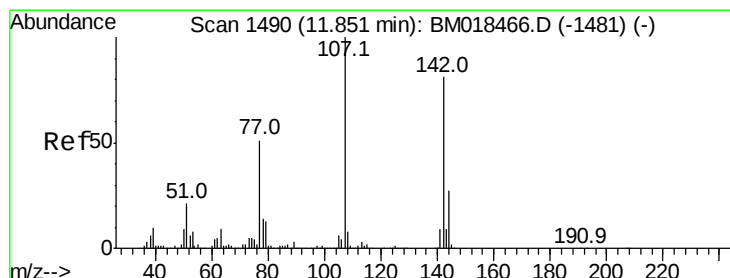
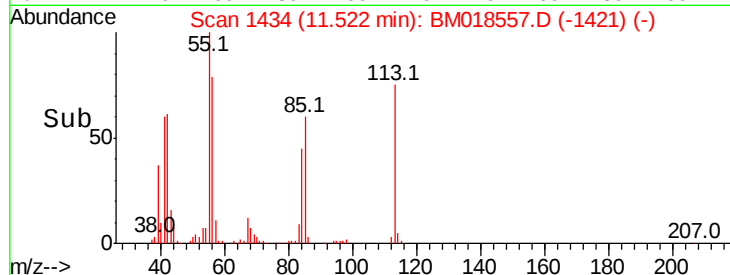
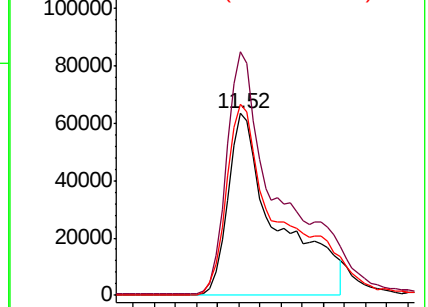
56 105.2 101.4 141.4



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: 43.314 ng

RT: 11.85 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

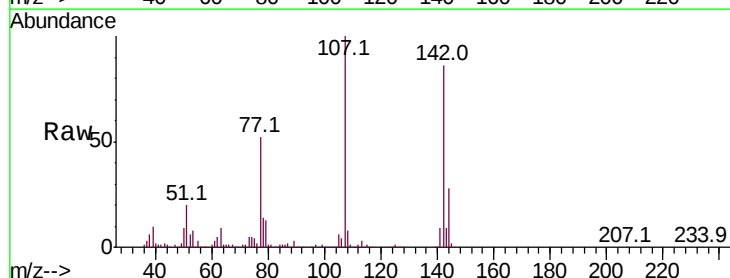
Tgt Ion:107 Resp: 711499

Ion Ratio Lower Upper

107 100

144 28.0 21.9 32.9

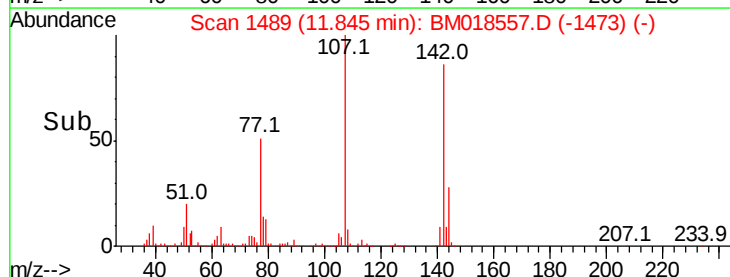
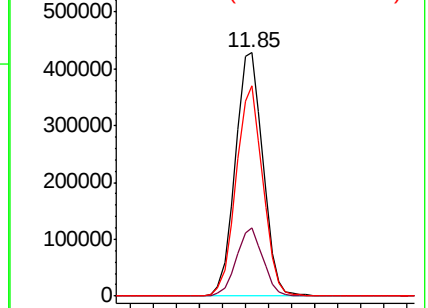
142 86.2 67.9 101.9

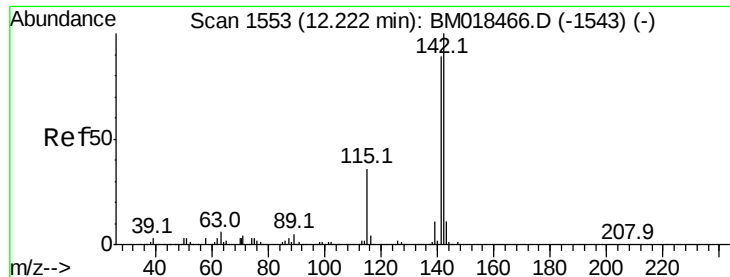


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.111 ng

RT: 12.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

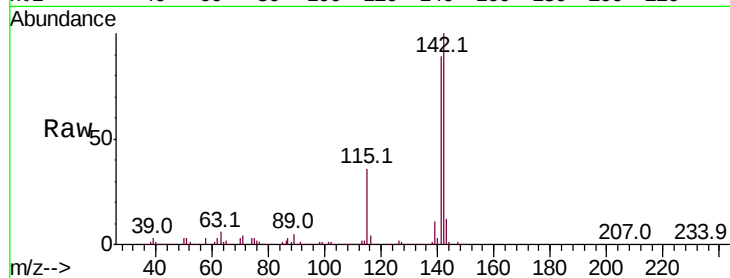
Tot Ion:142 Resp: 1495274

Ion Ratio Lower Upper

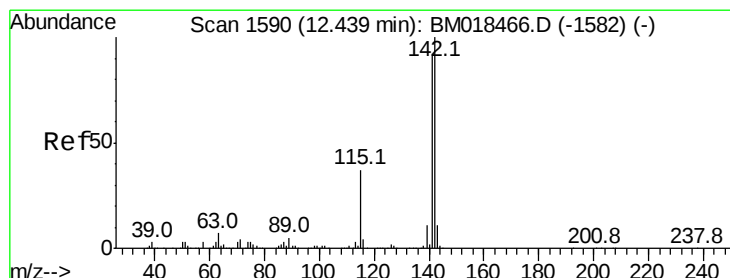
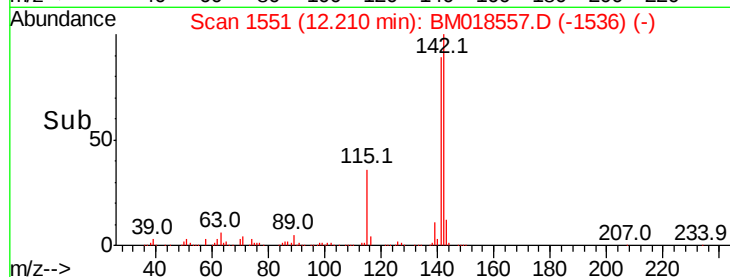
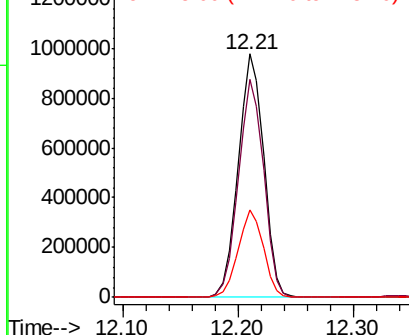
142 100

141 89.4 71.4 107.2

115 35.7 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: 40.634 ng

RT: 12.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

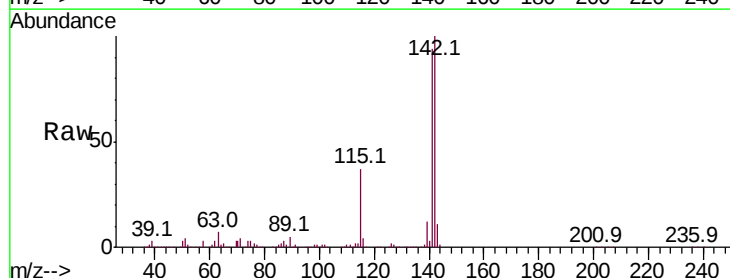
Tgt Ion:142 Resp: 1430006

Ion Ratio Lower Upper

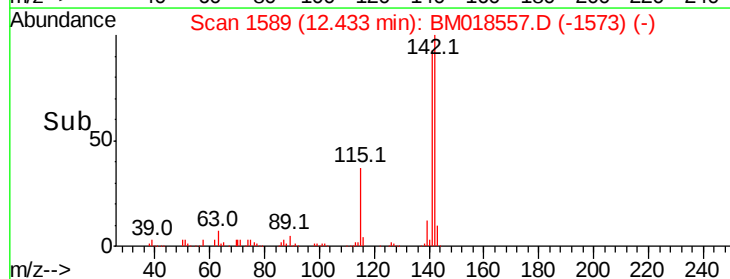
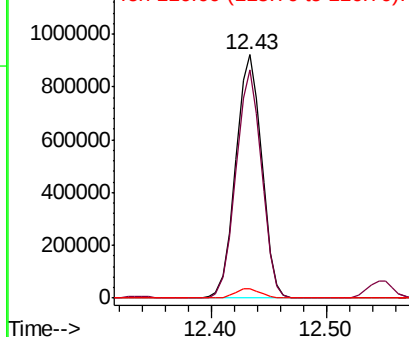
142 100

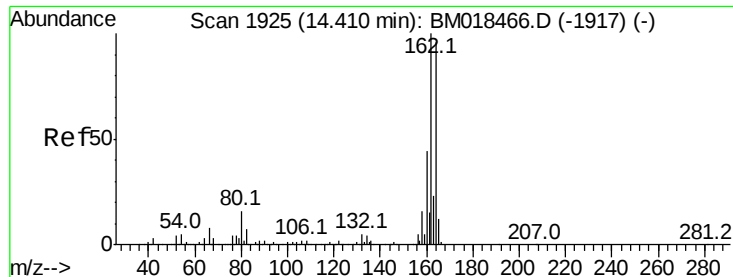
141 93.6 75.6 113.4

116 3.8 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

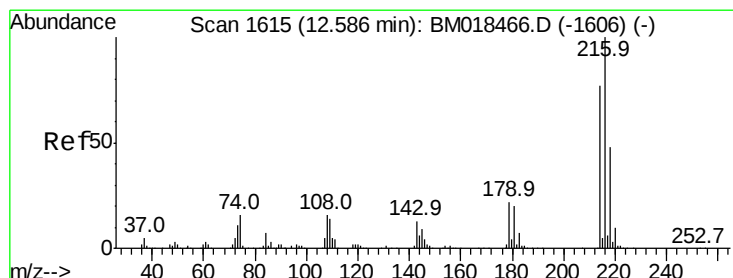
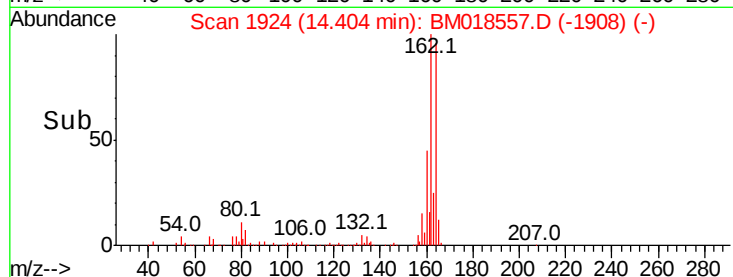
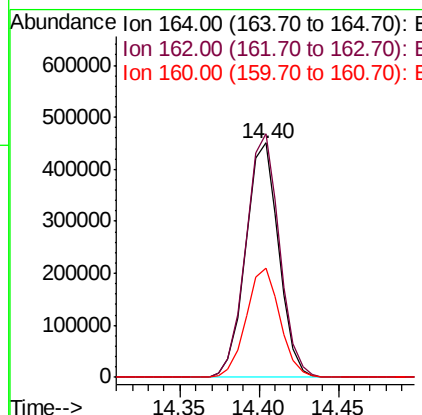
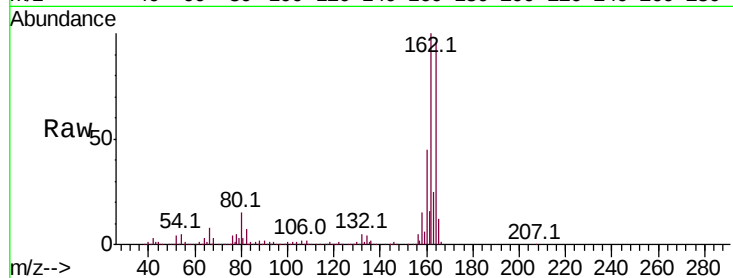




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

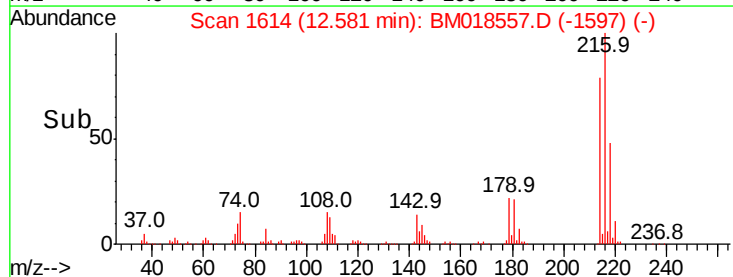
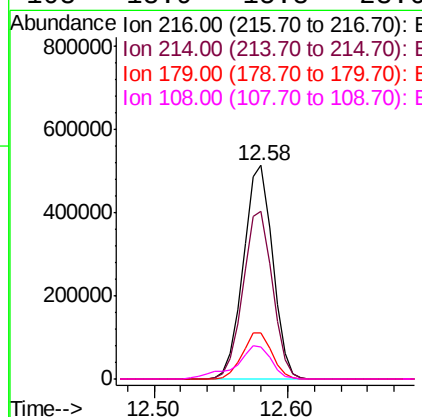
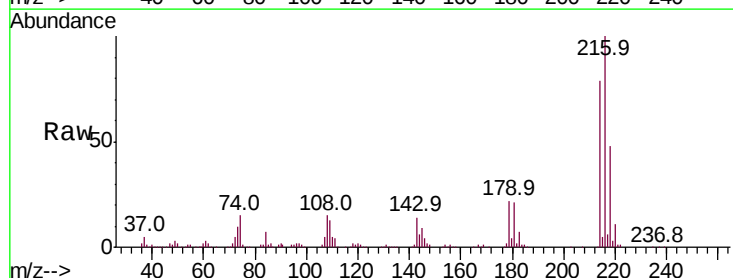
Instrument :
BNA_M
ClientSampleId :

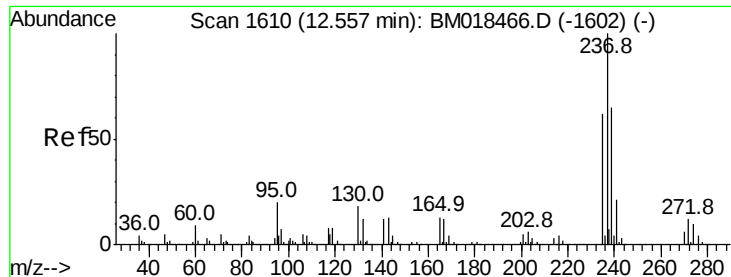
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.4
160	46.8	37.1	55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.103 ng
RT: 12.58 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	21.9	17.9	26.9
108	18.9	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 66.854 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

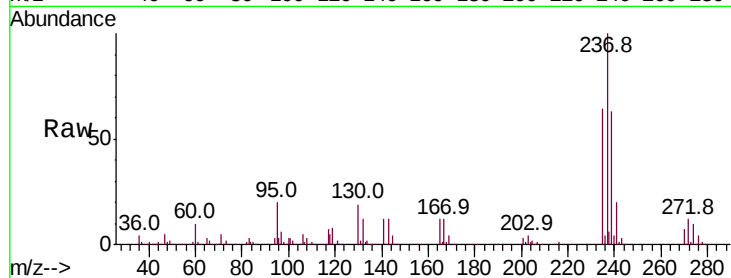
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 835977

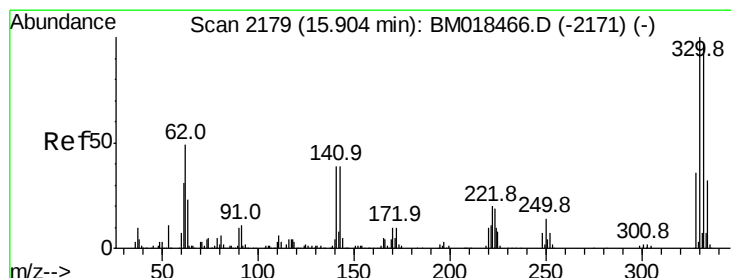
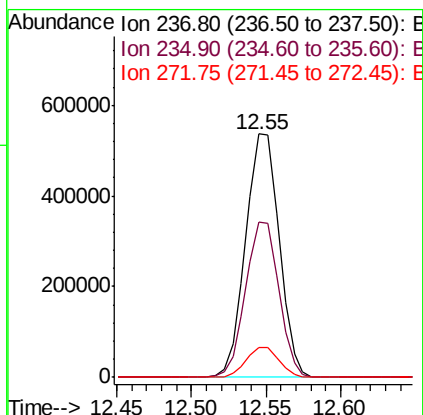
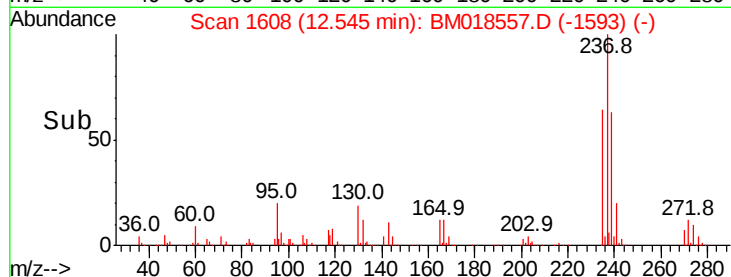
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.8	82.8
272	12.3	0.0	31.9



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: 126.813 ng

RT: 15.90 min Scan# 2178

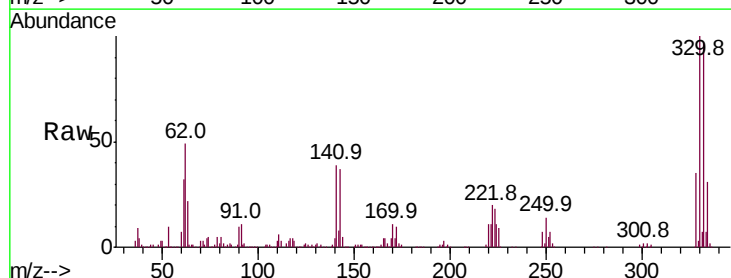
Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Tgt Ion:330 Resp: 1052035

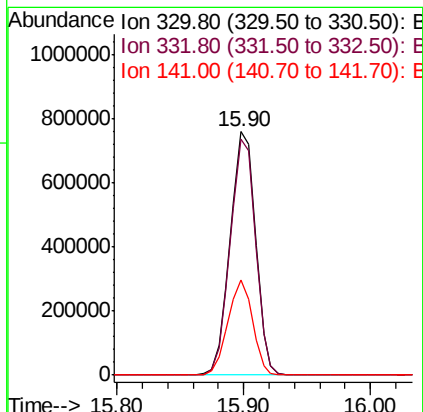
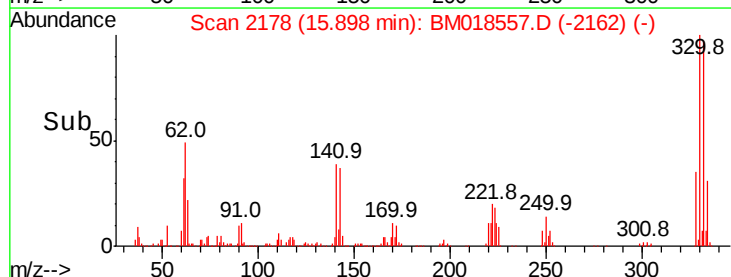
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	38.0	31.7	47.5

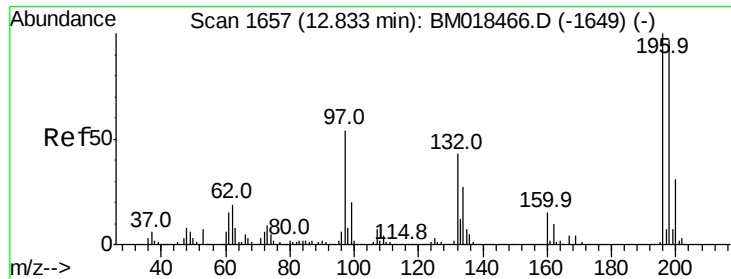


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

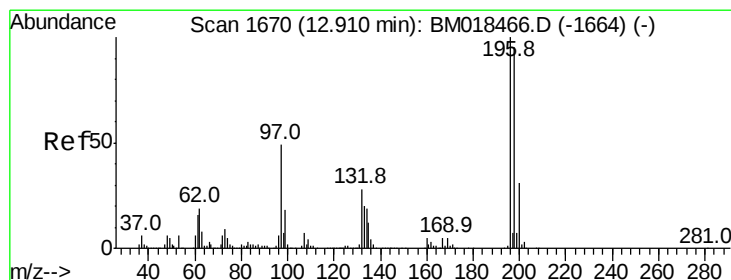
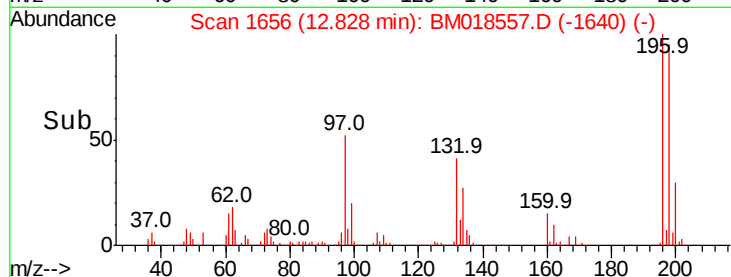
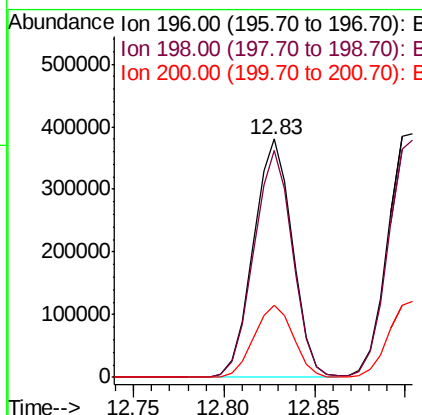
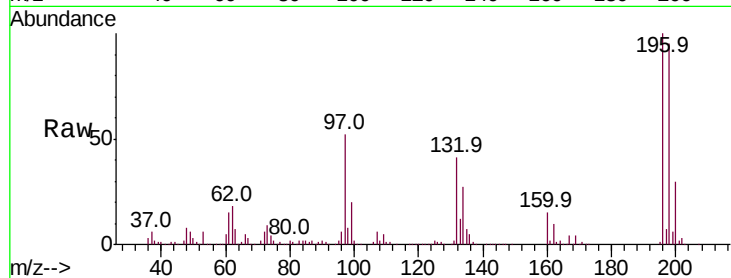




#43
 2,4,6-Trichlorophenol
 Concen: 40.987 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

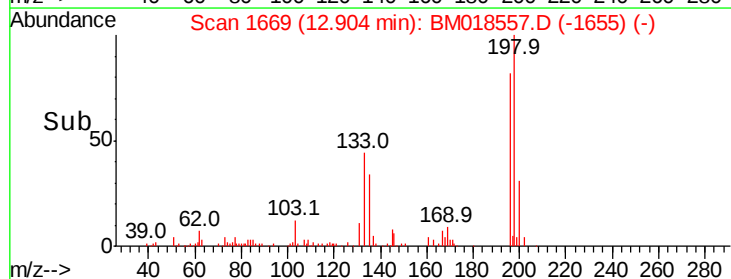
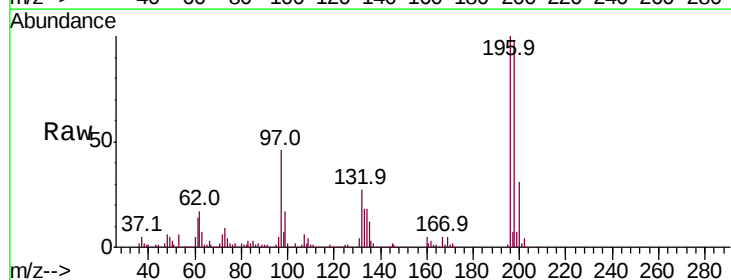
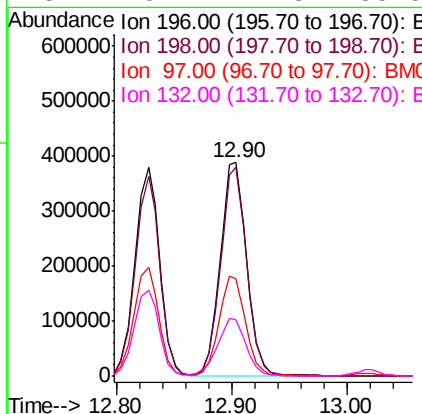
Instrument :
 BNA_M
 ClientSampled :

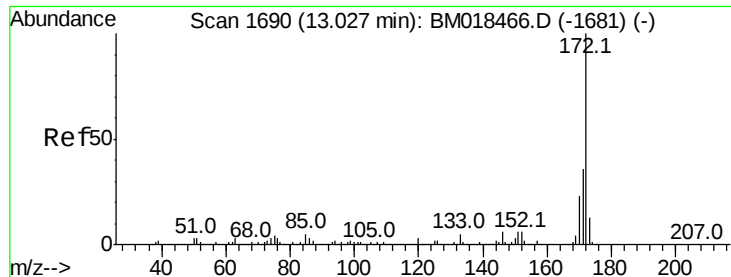
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.6	115.0
200	30.5	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 41.897 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.7	115.1
97	45.5	39.2	58.8
132	26.7	22.3	33.5

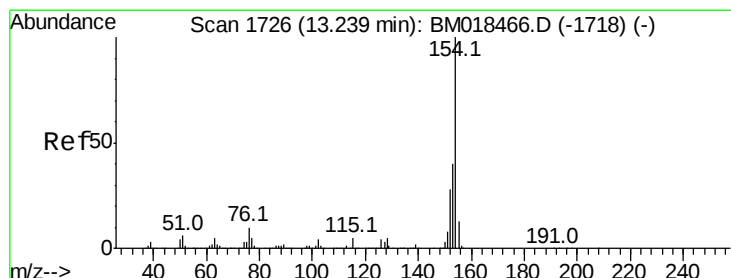
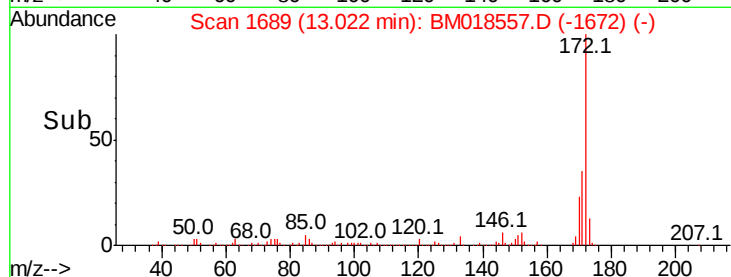
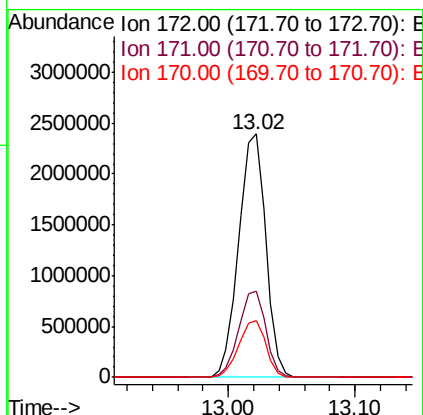
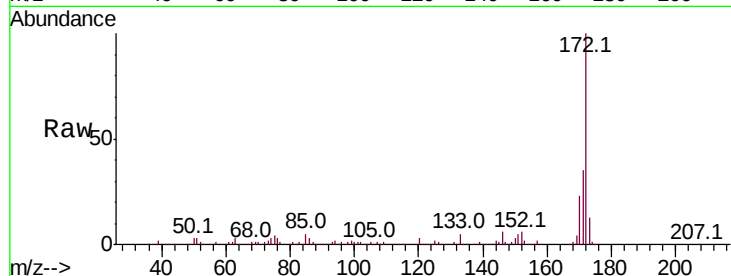




#45
2-Fluorobiphenyl
Concen: 70.923 ng
RT: 13.02 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

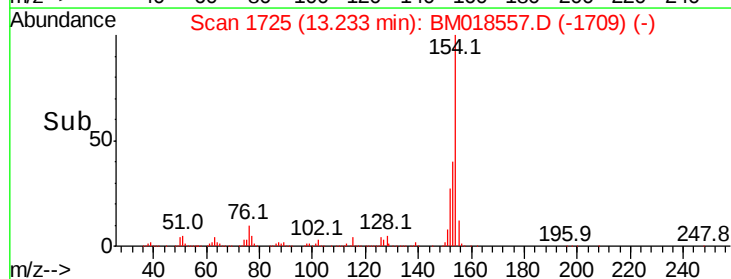
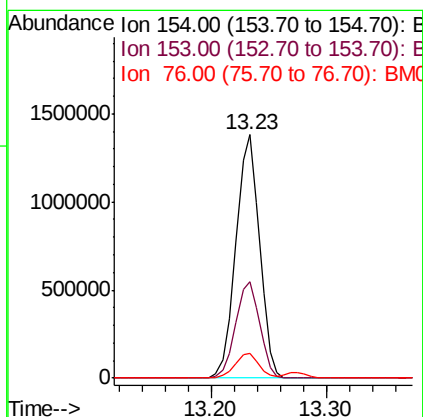
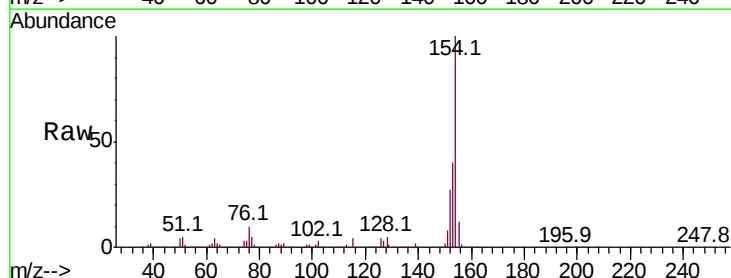
Instrument :
BNA_M
ClientSampleId :

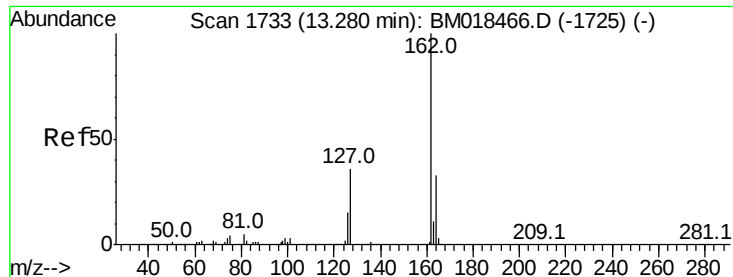
Tot Ion:172 Resp: 3541312
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 34.312 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:154 Resp: 1951986
Ion Ratio Lower Upper
154 100
153 39.7 20.5 60.5
76 9.9 0.0 31.9

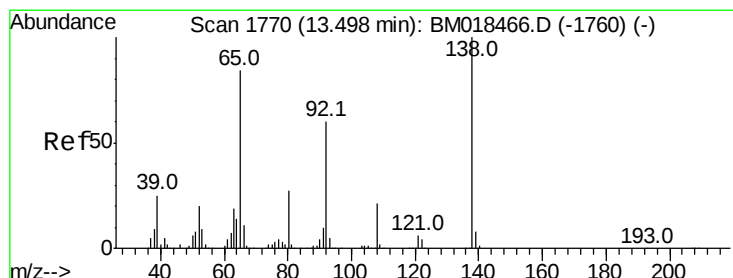
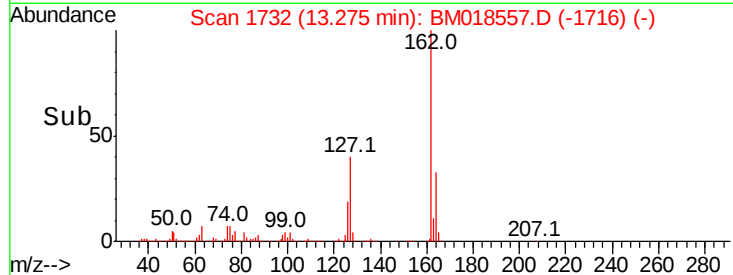
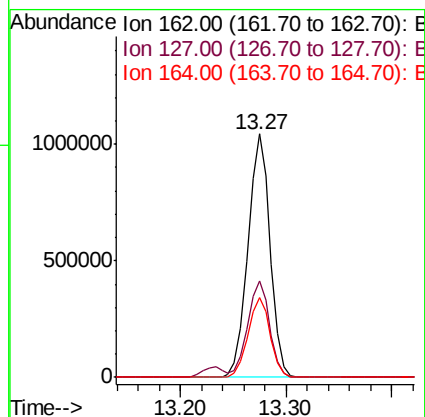
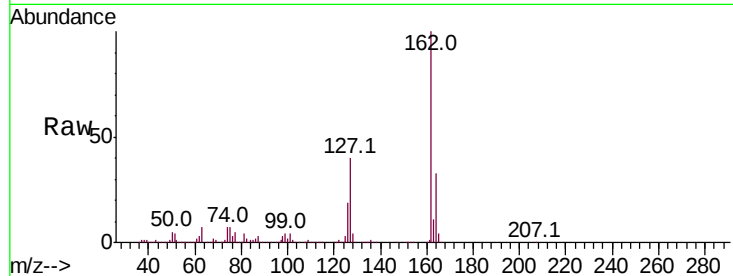




#47
2-Chloronaphthalene
Concen: 34.280 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

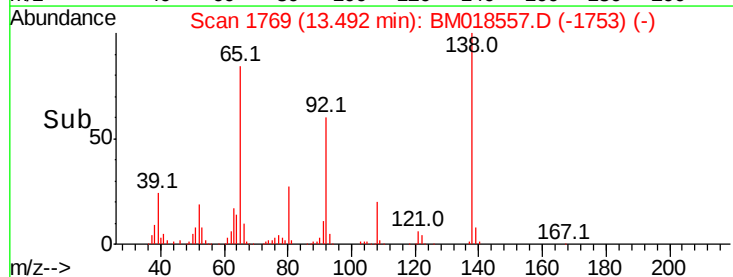
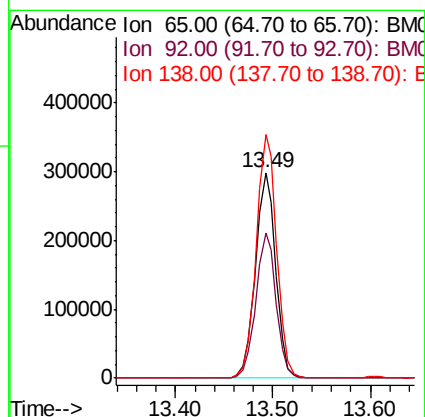
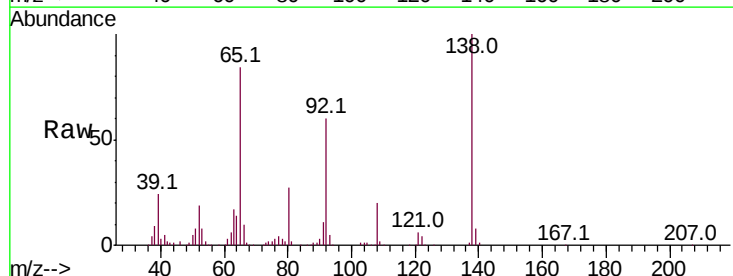
Instrument :
BNA_M
ClientSampleId :

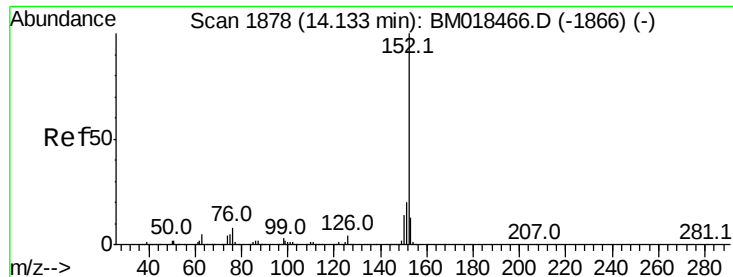
Tot Ion:162 Resp: 1512290
Ion Ratio Lower Upper
162 100
127 39.8 31.4 47.0
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 40.424 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion: 65 Resp: 438739
Ion Ratio Lower Upper
65 100
92 70.6 53.4 80.2
138 118.6 88.9 133.3





#49

Acenaphthylene

Concen: 39.272 ng

RT: 14.13 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

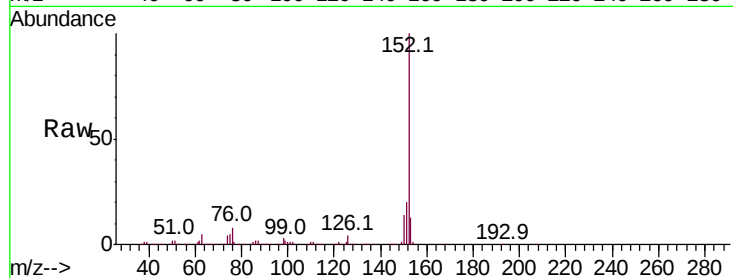
Tot Ion:152 Resp: 2524791

Ion Ratio Lower Upper

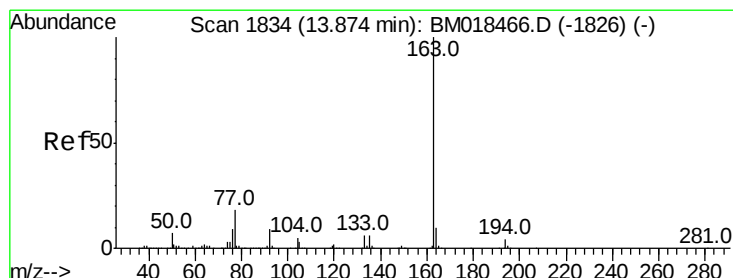
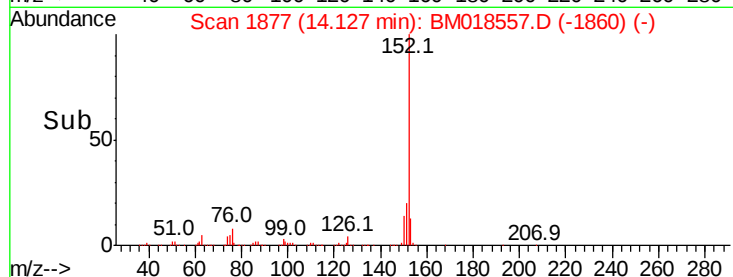
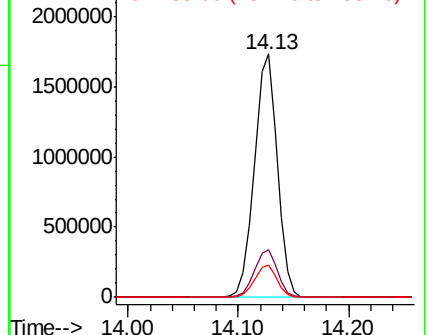
152 100

151 19.9 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: 57.013 ng

RT: 13.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

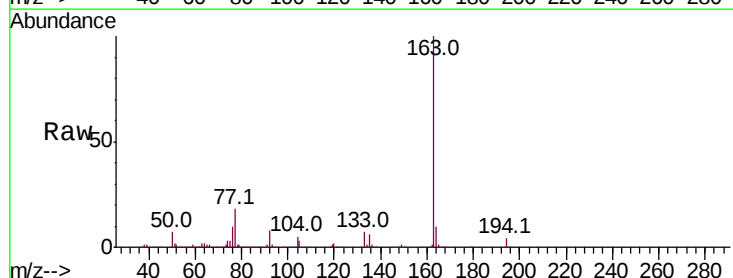
Tgt Ion:163 Resp: 3050741

Ion Ratio Lower Upper

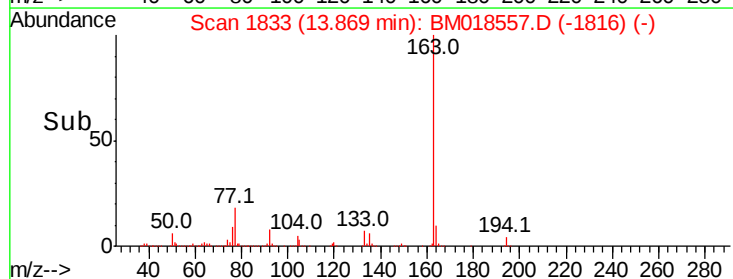
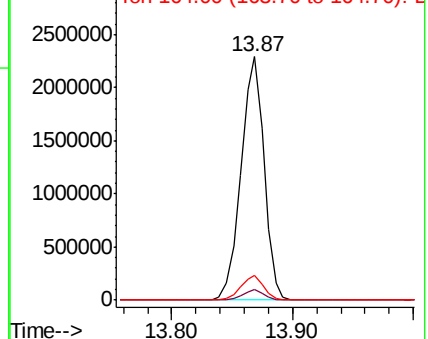
163 100

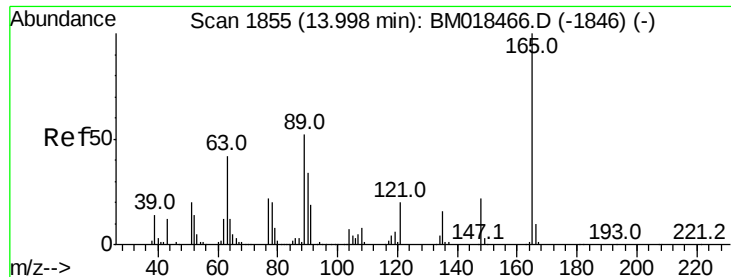
194 4.2 3.0 4.6

164 10.0 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: 39.677 ng

RT: 13.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

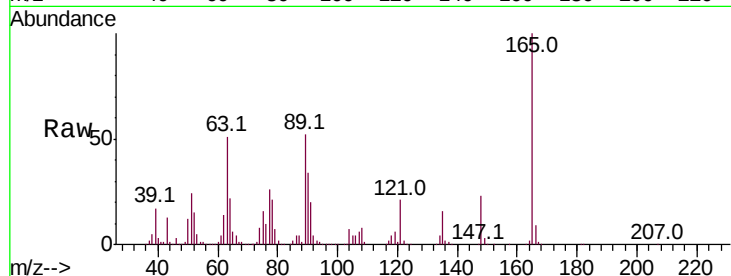
Tot Ion:165 Resp: 449720

Ion Ratio Lower Upper

165 100

63 51.3 45.6 68.4

89 52.4 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

13.99

400000

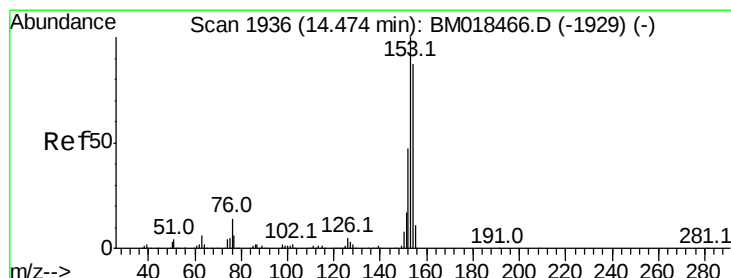
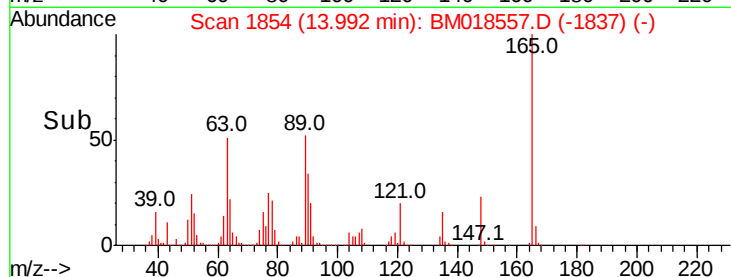
300000

200000

100000

0

Time--> 13.90 13.95 14.00 14.05



#52

Acenaphthene

Concen: 36.844 ng

RT: 14.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

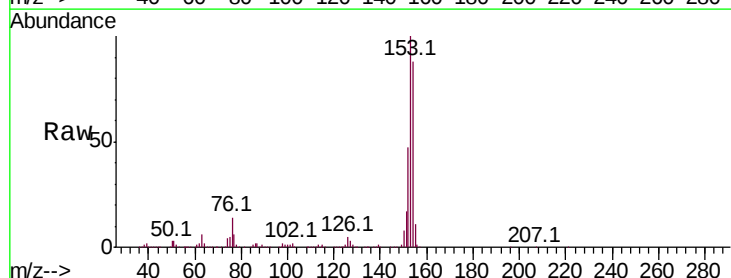
Tgt Ion:154 Resp: 1449311

Ion Ratio Lower Upper

154 100

153 113.7 92.3 138.5

152 53.4 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

14.47

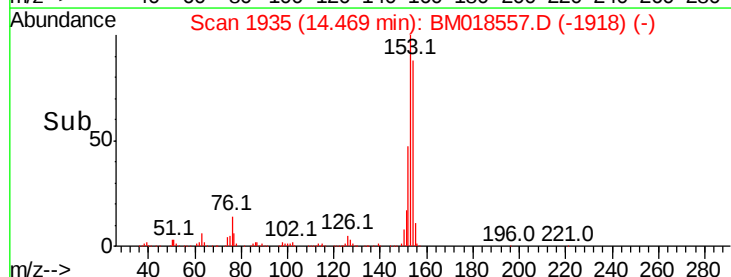
1500000

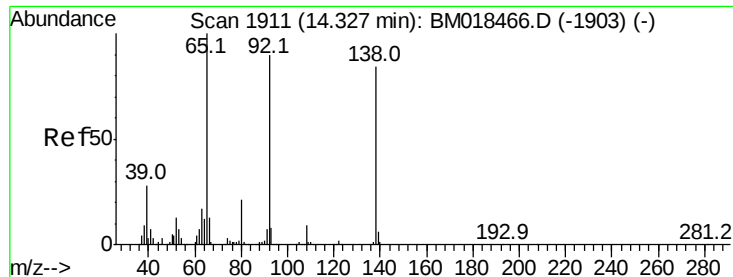
1000000

500000

0

Time--> 14.40 14.45 14.50

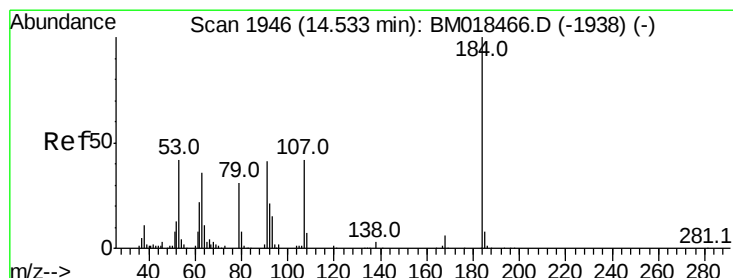
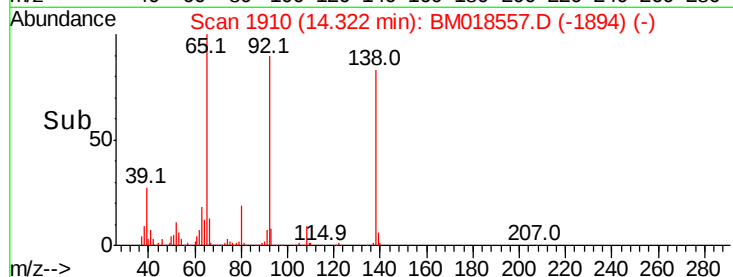
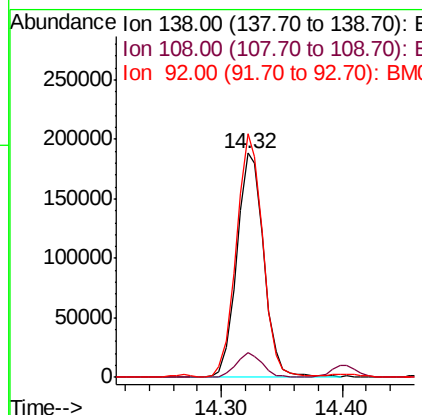
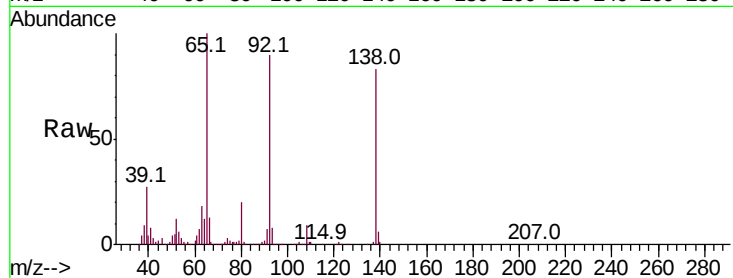




#53
3-Nitroaniline
Concen: 25.718 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

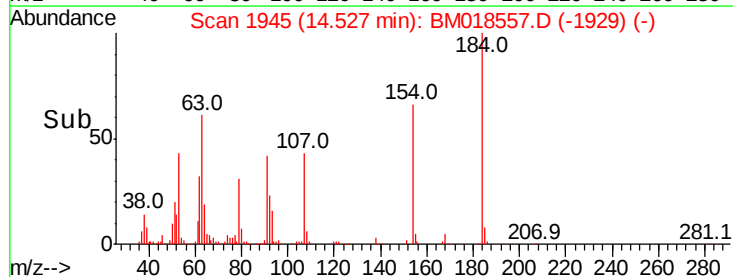
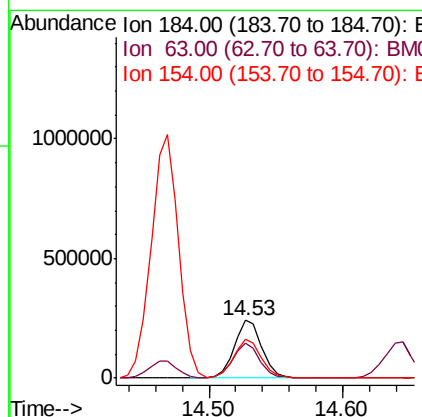
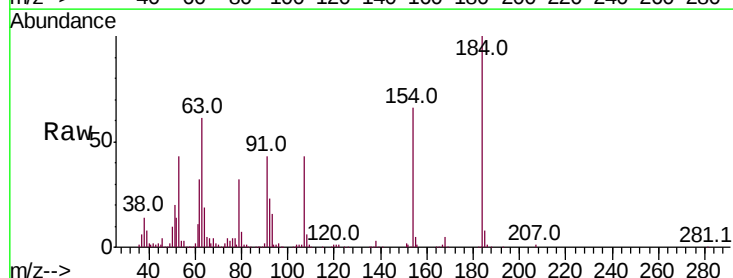
Instrument :
BNA_M
ClientSampled :

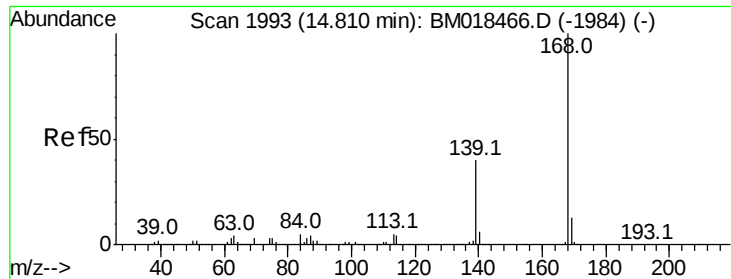
Tot Ion:138 Resp: 293883
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 108.6 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 58.967 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:184 Resp: 349051
Ion Ratio Lower Upper
184 100
63 61.3 55.9 83.9
154 66.5 54.2 81.4

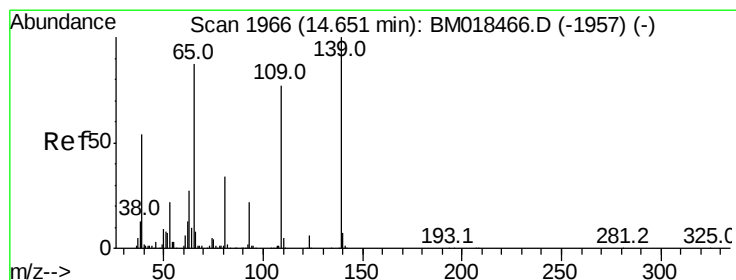
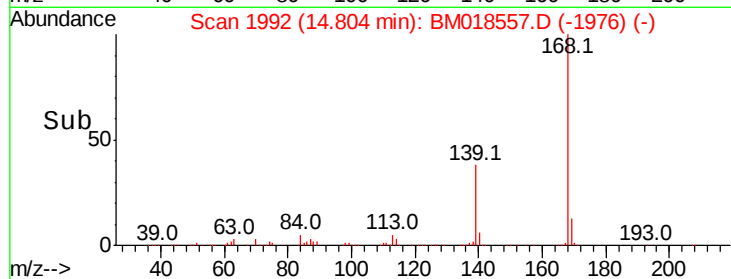
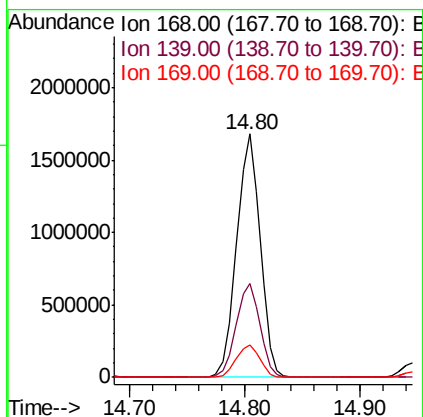
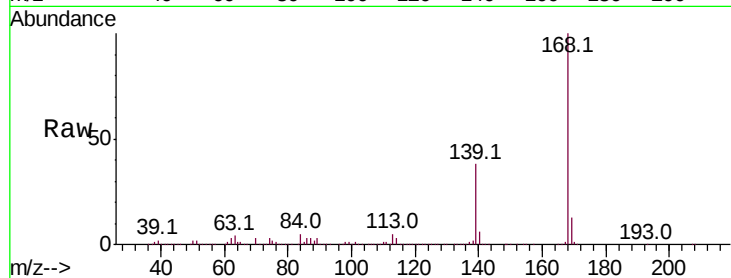




#55
Dibenzofuran
Concen: 36.355 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

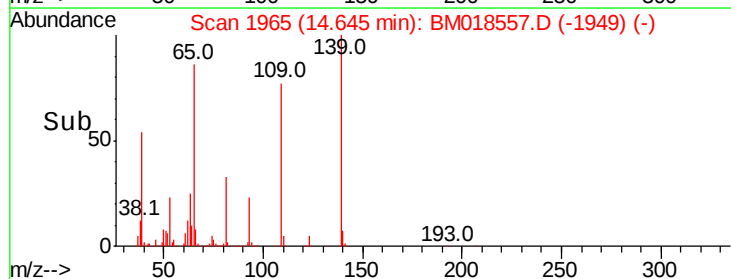
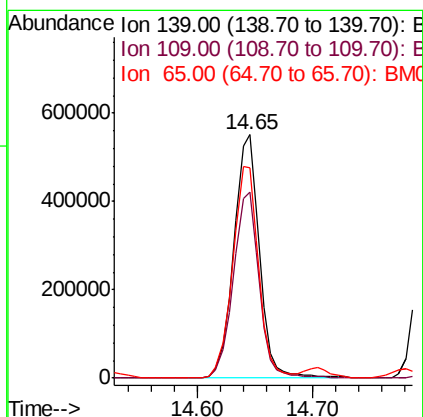
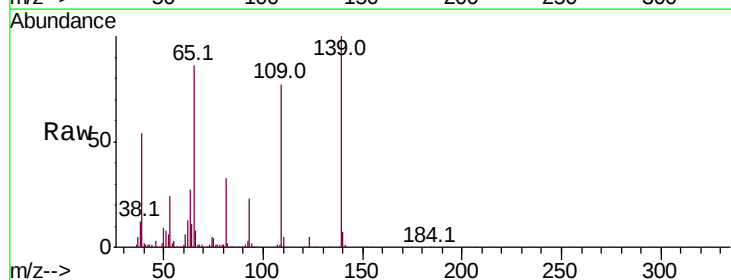
Instrument :
BNA_M
ClientSampleId :

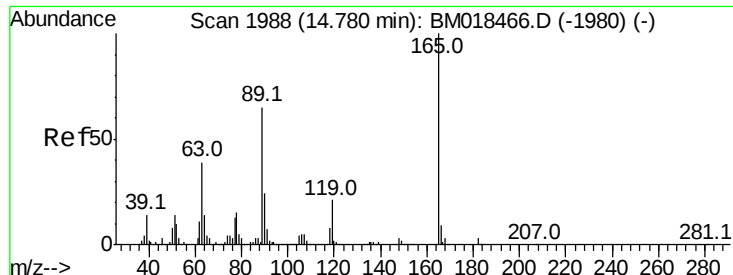
Tot Ion:168 Resp: 2362926
Ion Ratio Lower Upper
168 100
139 38.3 30.3 45.5
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 85.806 ng
RT: 14.65 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:139 Resp: 847062
Ion Ratio Lower Upper
139 100
109 76.6 51.7 91.7
65 86.4 71.4 111.4

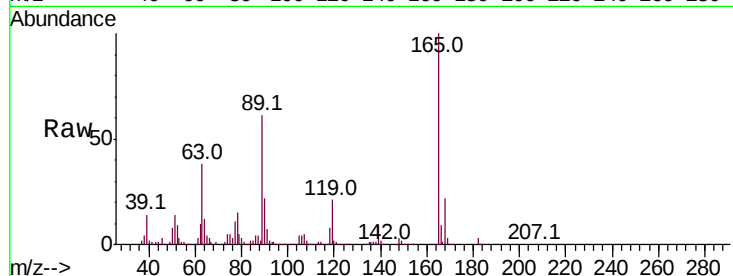




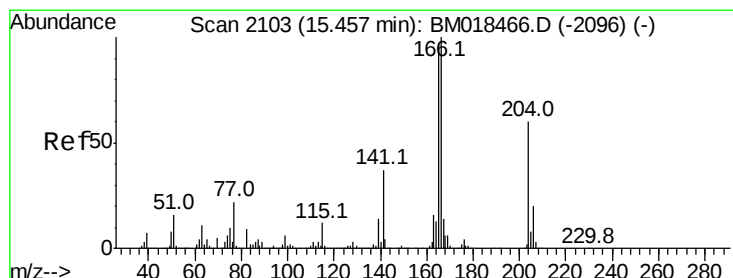
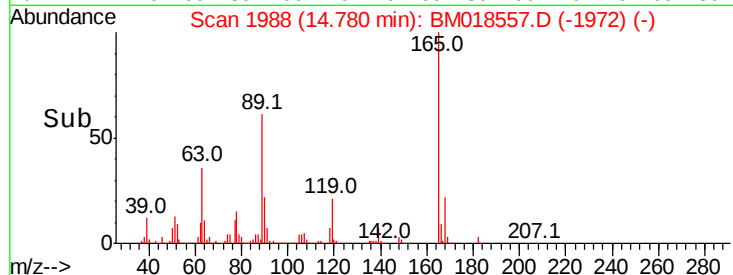
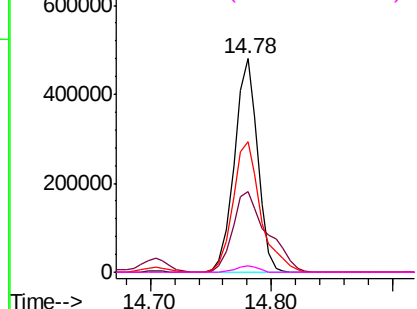
#57
2,4-Dinitrotoluene
Concen: 39.929 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.8	32.2	48.2
89	61.4	52.1	78.1
182	2.8	2.5	3.7

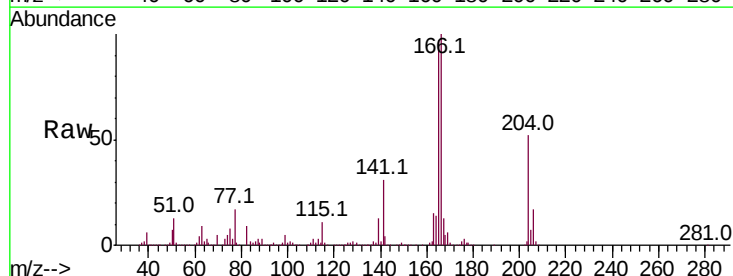


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

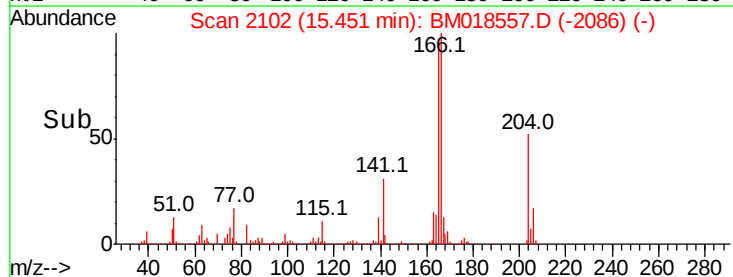
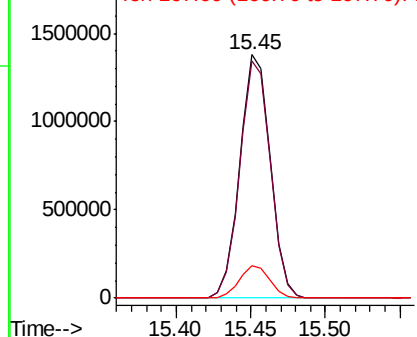


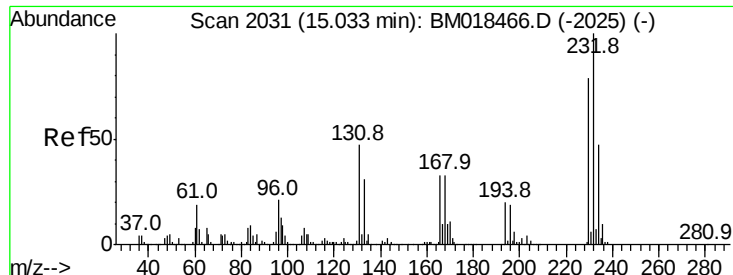
#58
Fluorene
Concen: 40.353 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.3	117.5
167	13.5	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

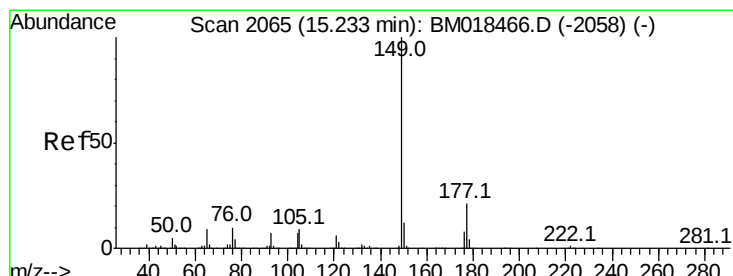
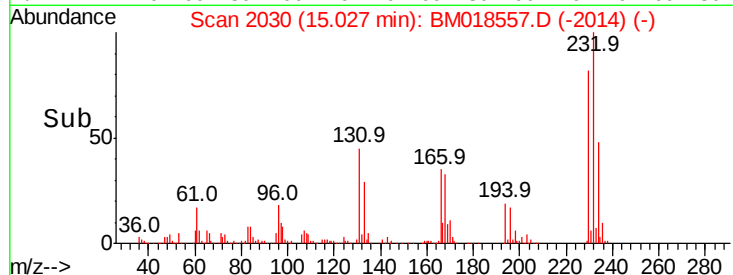
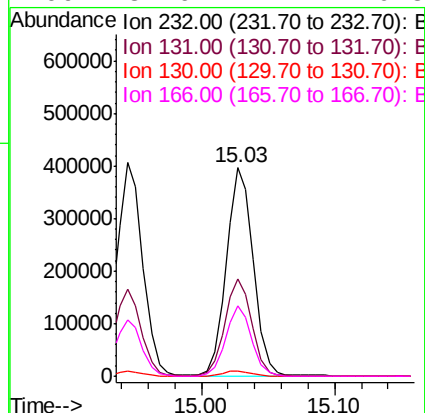
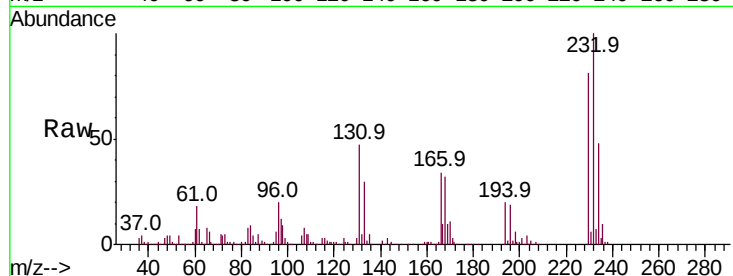




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.115 ng
 RT: 15.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

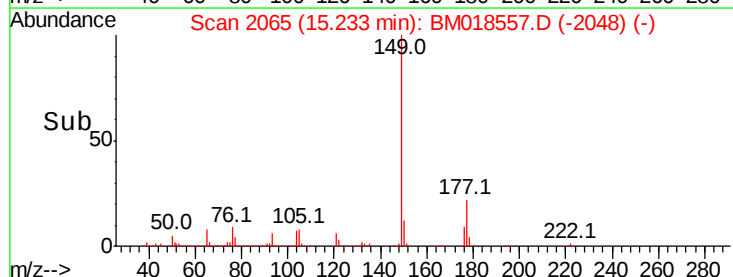
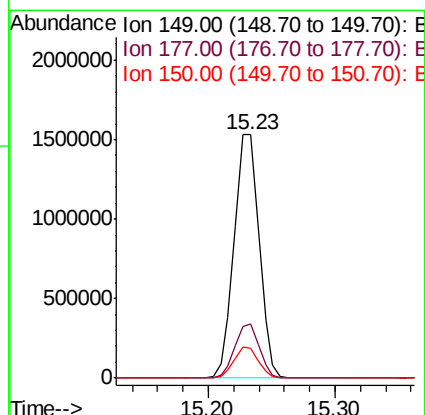
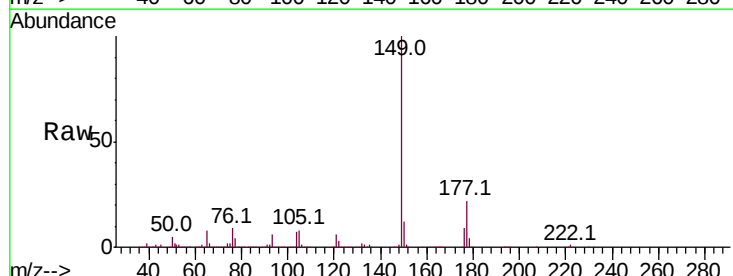
Instrument :
 BNA_M
 ClientSampleId :

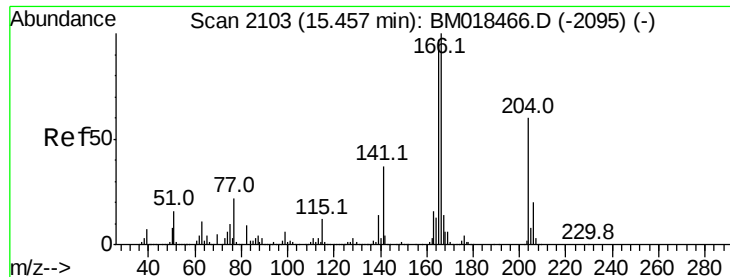
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	38.6	57.8
130	2.5	2.2	3.4
166	32.6	27.2	40.8



#60
 Diethylphthalate
 Concen: 38.652 ng
 RT: 15.23 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.1	25.7
150	12.2	9.8	14.6





#61

4-Chlorophenyl-phenylether

Concen: 35.115 ng

RT: 15.45 min Scan# 2102

Delta R.T. -0.01 min

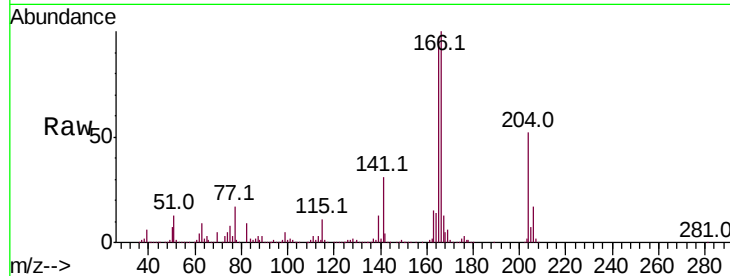
Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 979900

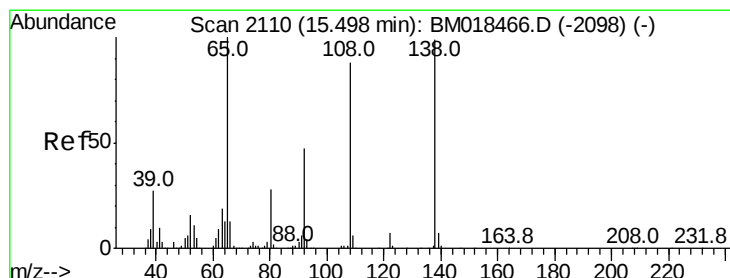
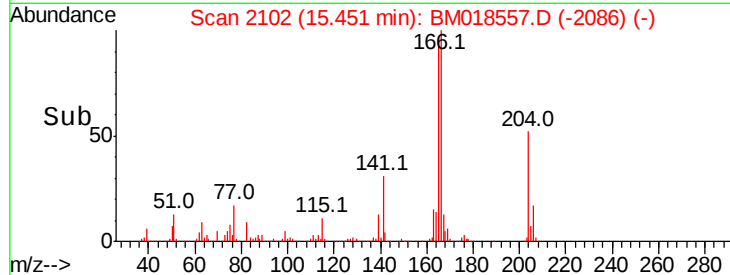
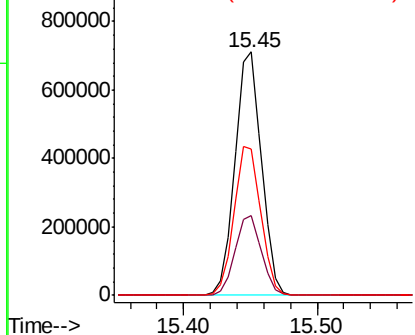
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.6
141	60.1	49.5	74.3



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: 37.295 ng

RT: 15.49 min Scan# 2109

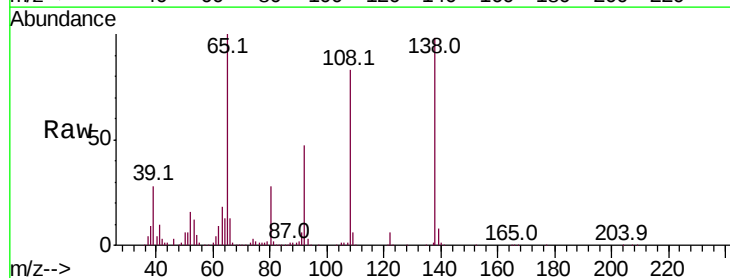
Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Tgt Ion:138 Resp: 464850

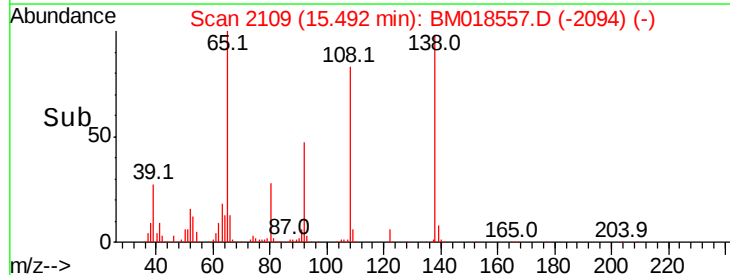
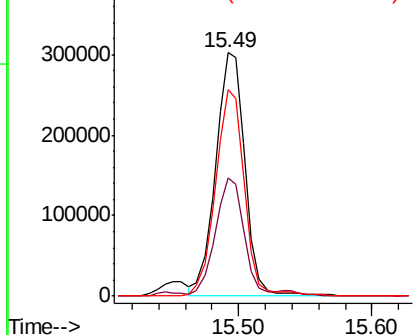
Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.0	69.0
108	85.0	63.9	103.9

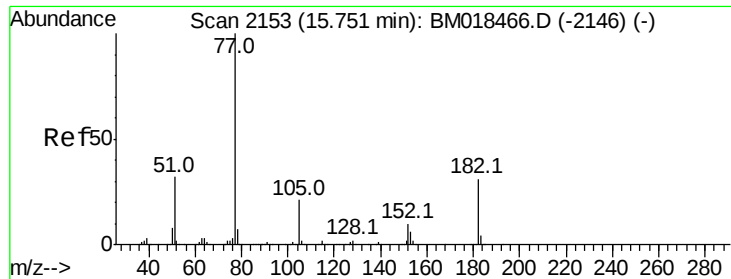


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

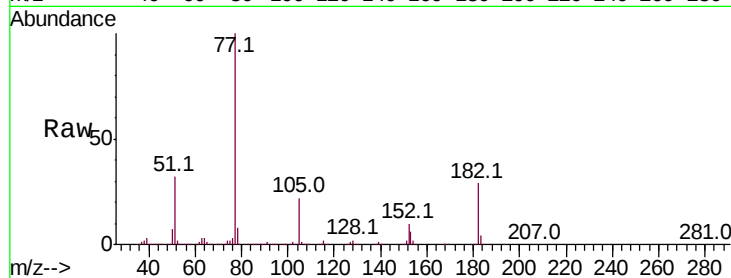




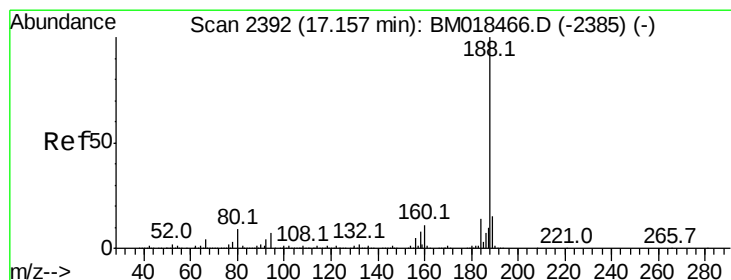
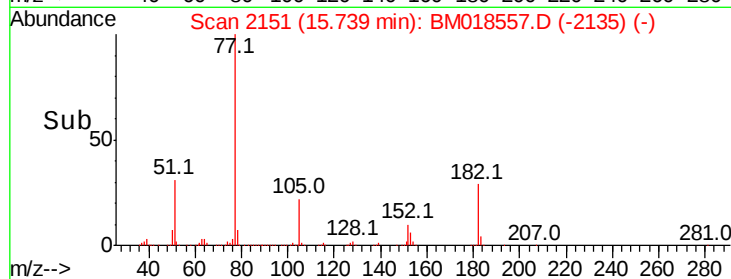
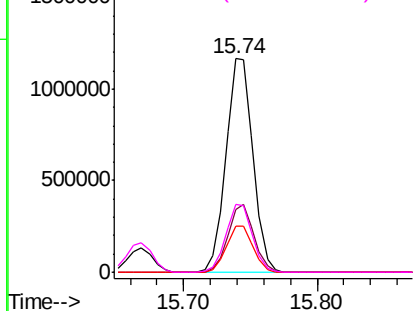
#63
Azobenzene
Concen: 37.359 ng
RT: 15.74 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1645378
Ion Ratio Lower Upper
77 100
182 29.2 7.4 47.4
105 21.6 0.0 39.6
51 31.9 12.0 52.0

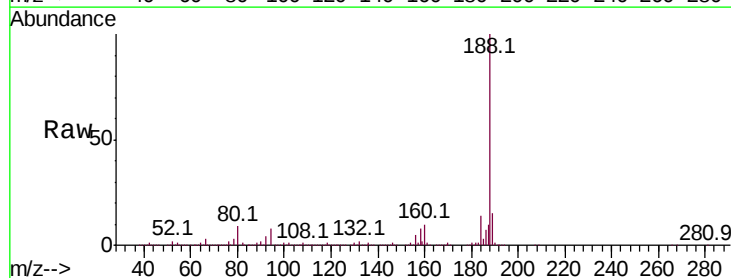


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)
Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)
Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)
Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)

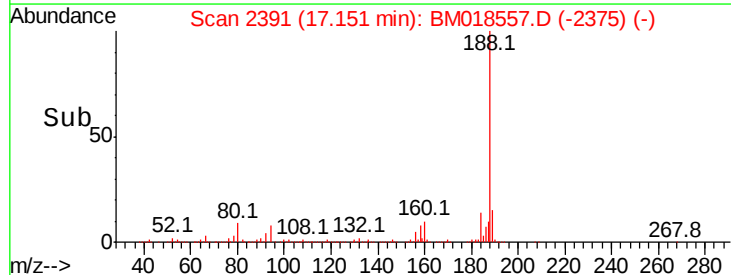
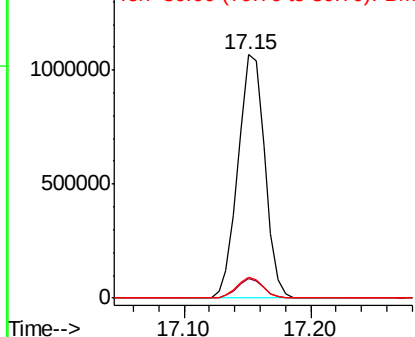


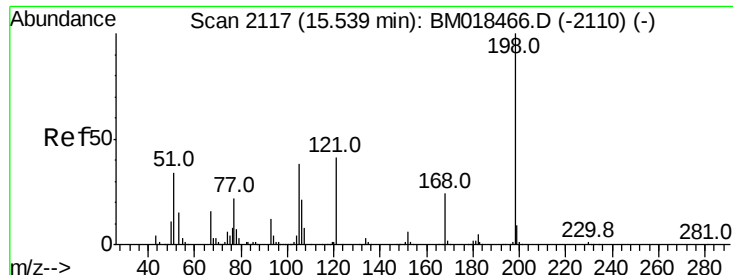
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion: 188 Resp: 1561258
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.6 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)
Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)
Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)

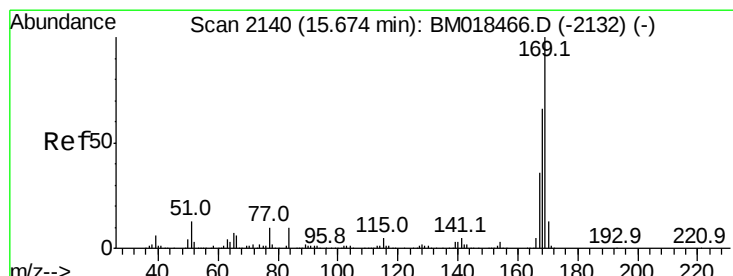
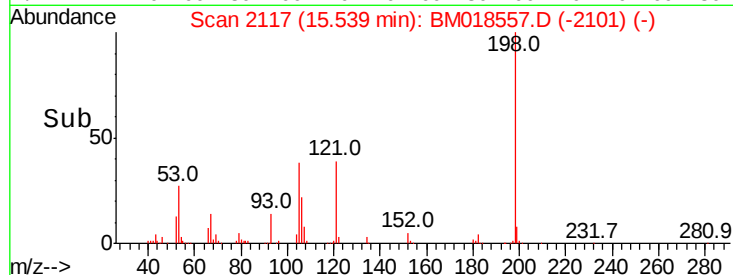
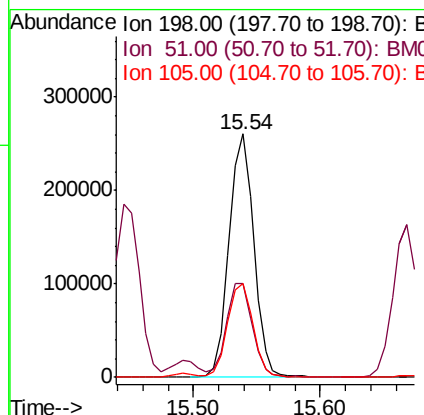
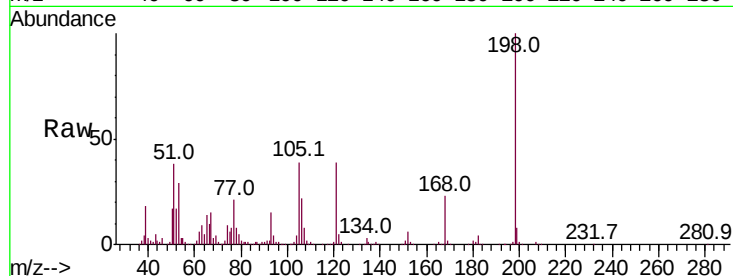




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.950 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

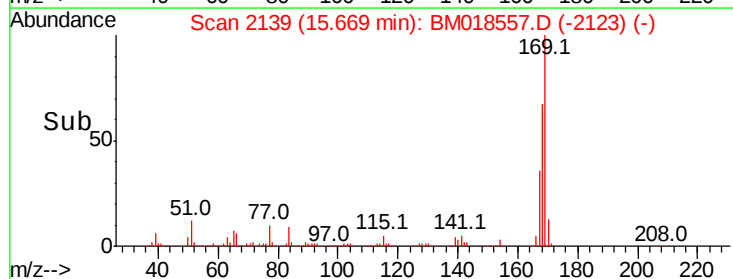
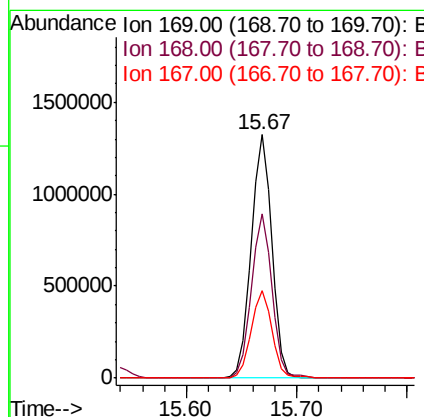
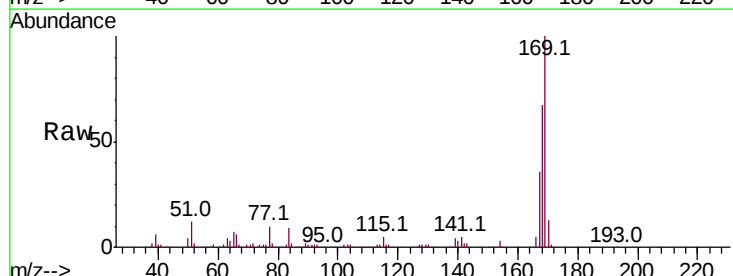
Instrument :
 BNA_M
 ClientSampleId :

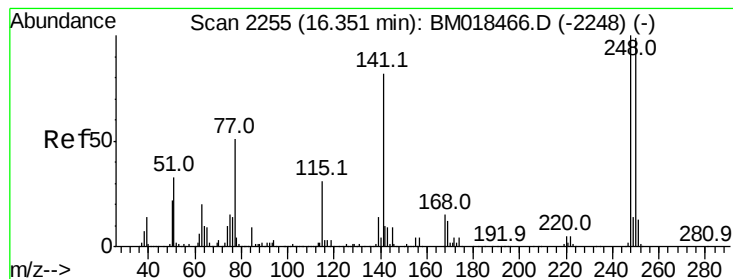
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.3	29.6	69.6
105	38.7	25.5	65.5



#66
 n-Nitrosodiphenylamine
 Concen: 35.999 ng
 RT: 15.67 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.1	81.1
167	35.9	28.6	42.8





#67

4-Bromophenyl-phenylether

Concen: 35.230 ng

RT: 16.34 min Scan# 2254

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

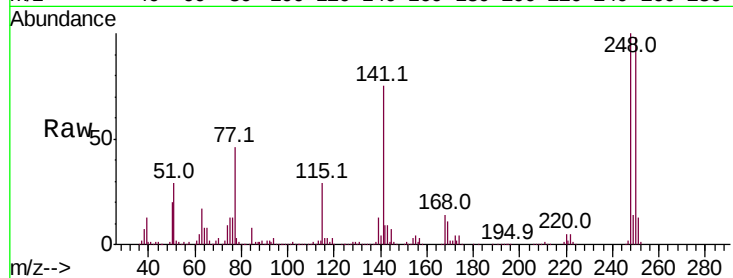
Tot Ion:248 Resp: 615524

Ion Ratio Lower Upper

248 100

250 97.8 76.0 114.0

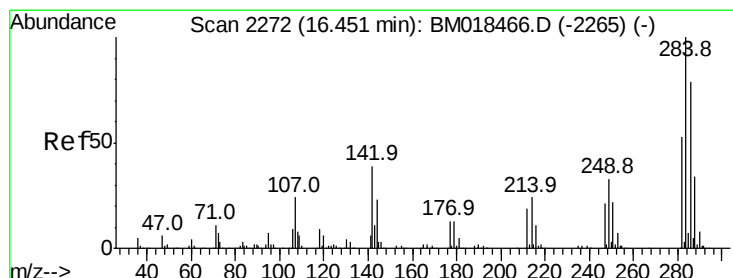
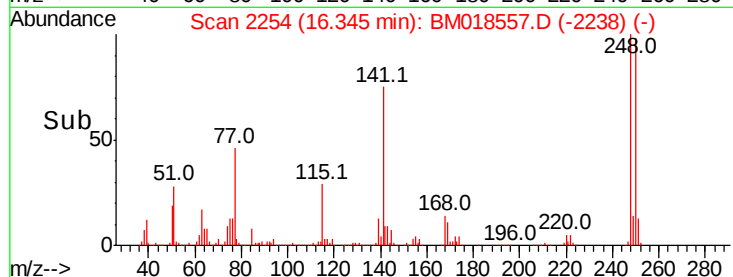
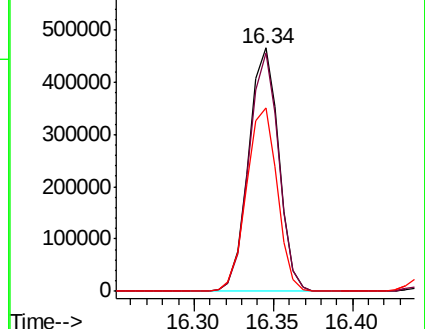
141 75.5 61.5 92.3



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: 34.694 ng

RT: 16.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

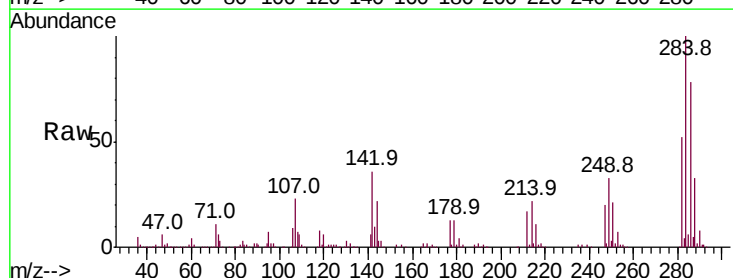
Tgt Ion:284 Resp: 678589

Ion Ratio Lower Upper

284 100

142 35.8 29.2 43.8

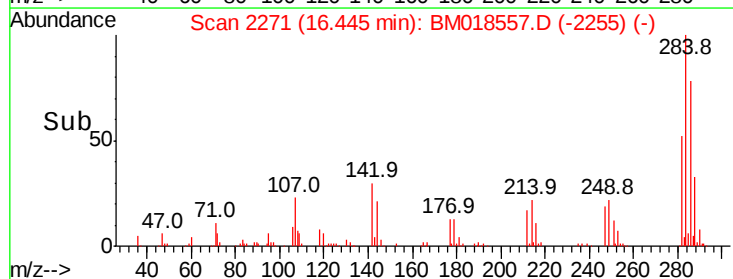
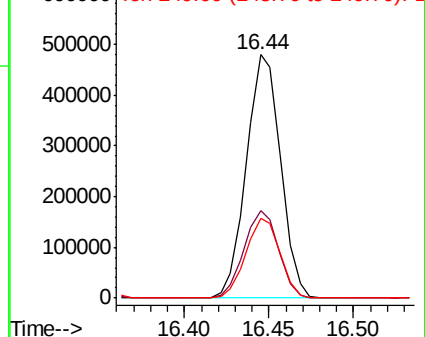
249 32.7 26.1 39.1

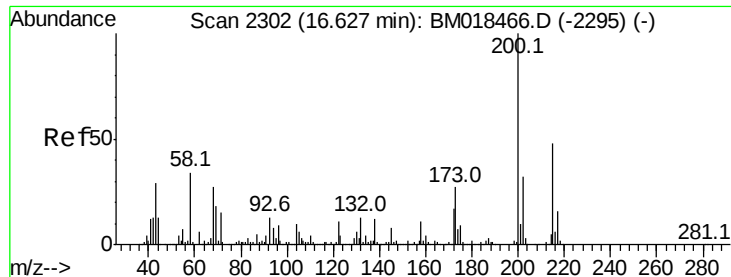


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

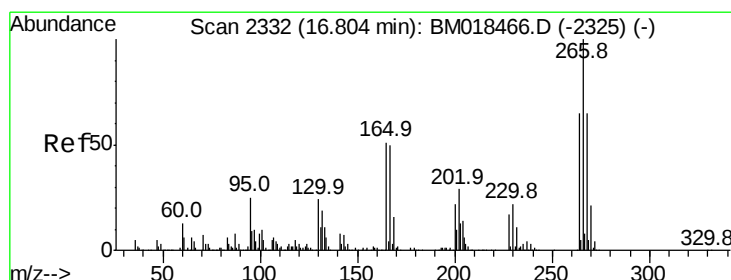
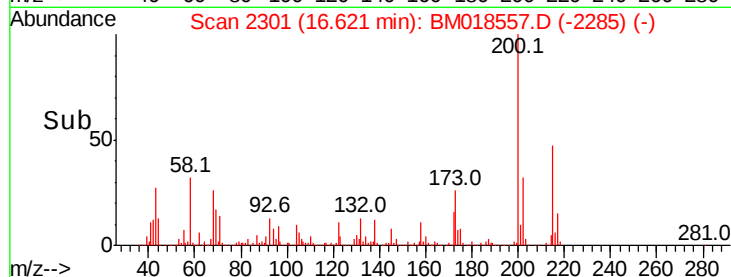
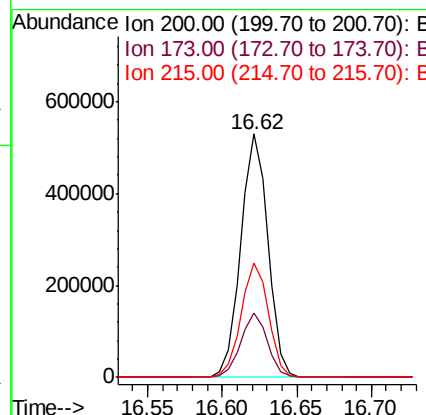
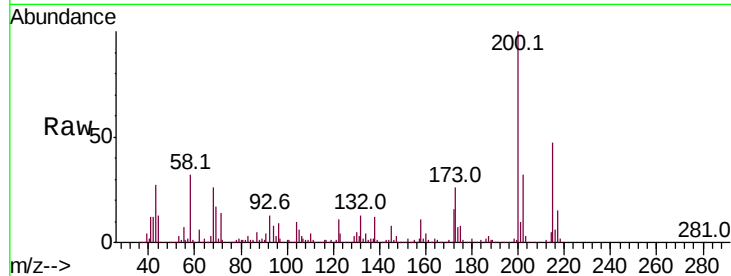




#69
Atrazine
Concen: 38.255 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

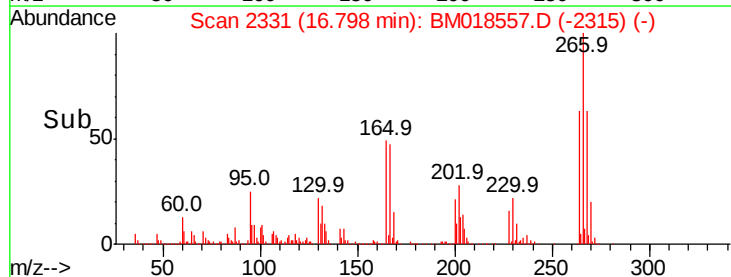
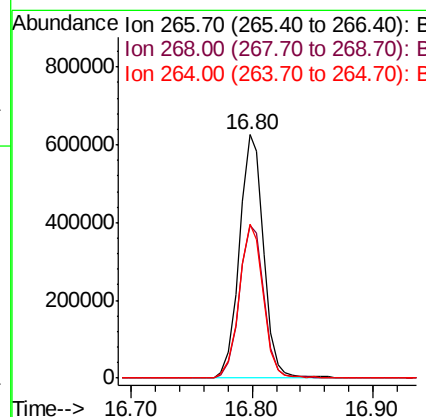
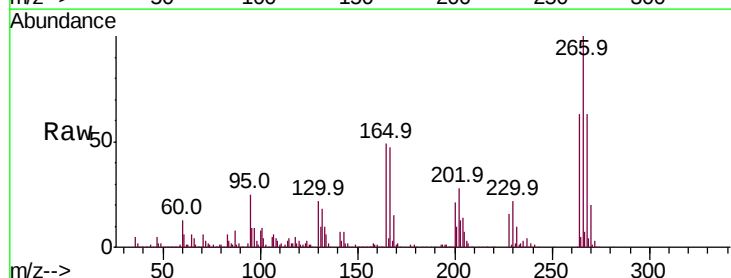
Instrument :
BNA_M
ClientSampleId :

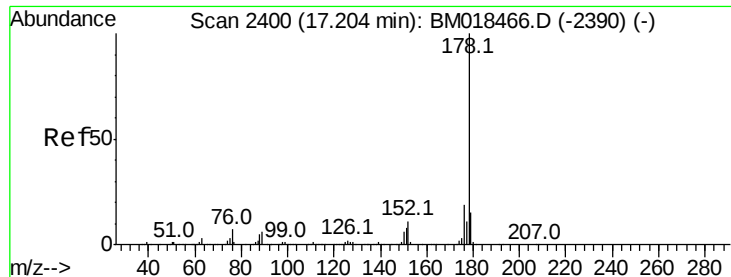
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.2	47.2
215	46.8	28.3	68.3



#70
Pentachlorophenol
Concen: 68.234 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.8	74.6
264	63.2	50.1	75.1

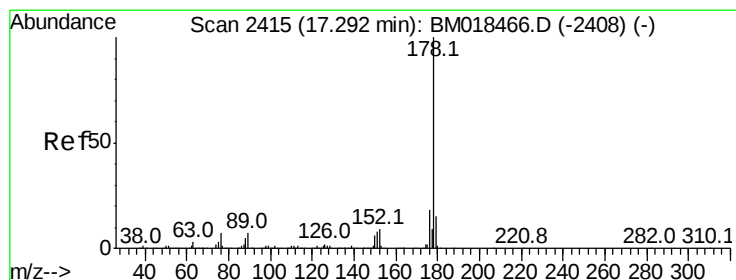
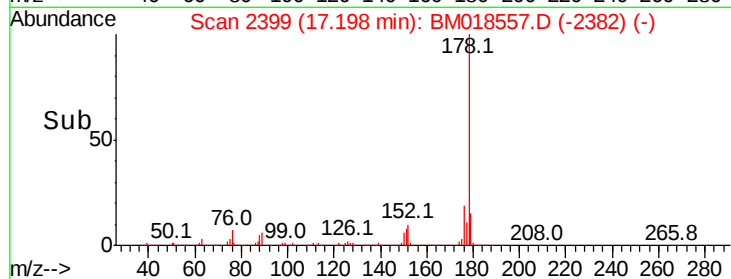
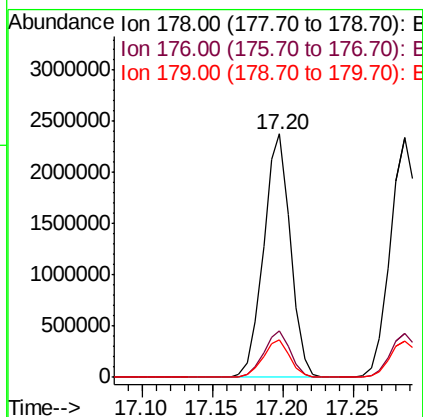
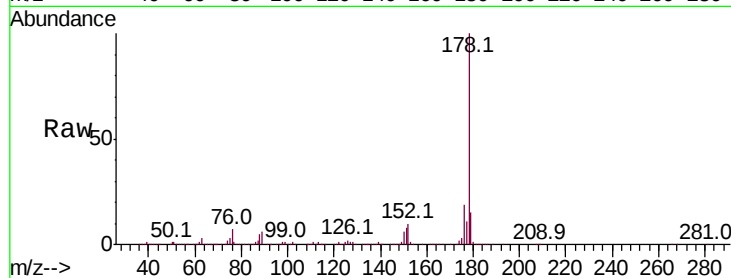




#71
Phenanthrene
Concen: 38.174 ng
RT: 17.20 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

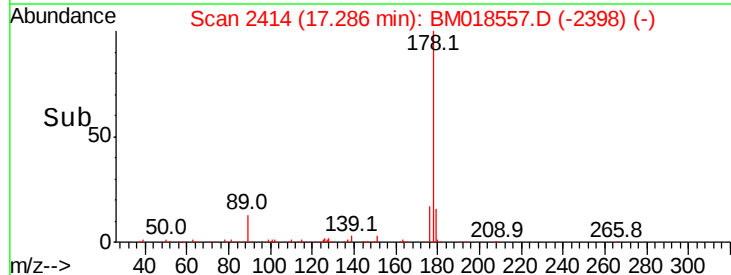
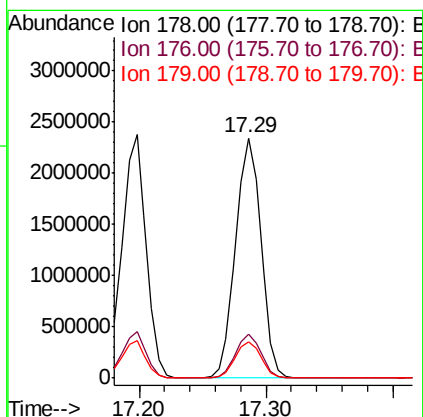
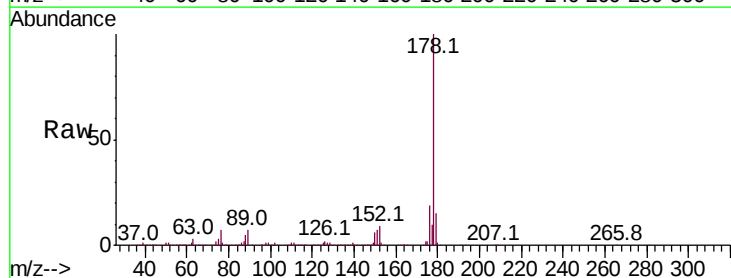
Instrument :
BNA_M
ClientSampleId :

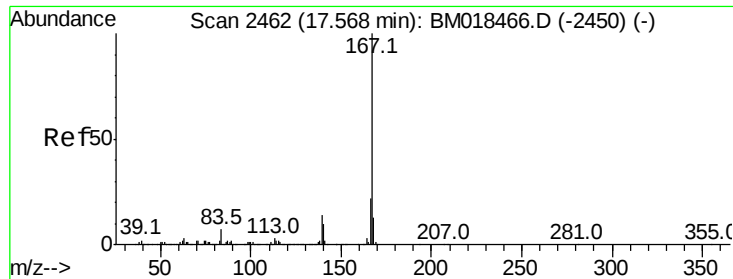
Tot Ion:178 Resp: 3170118
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.3 12.2 18.4



#72
Anthracene
Concen: 40.721 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:178 Resp: 3251785
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.4 12.2 18.4





#73

Carbazole

Concen: 36.284 ng

RT: 17.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

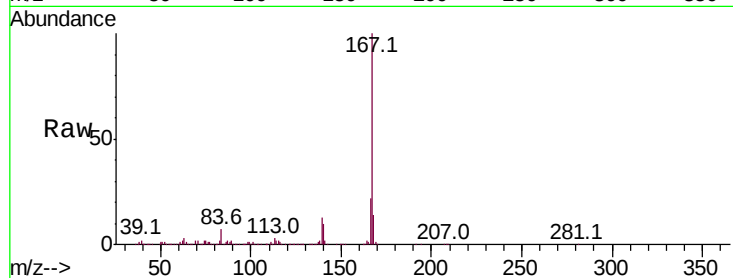
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 2976794

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	13.0	10.6	16.0

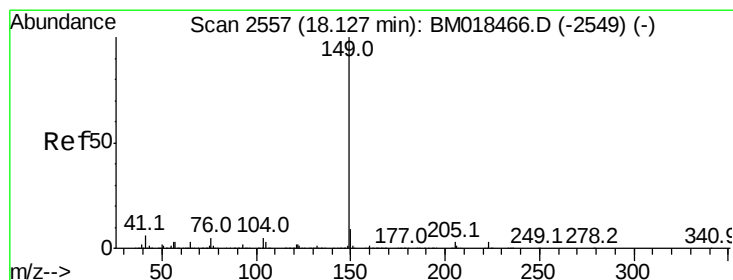
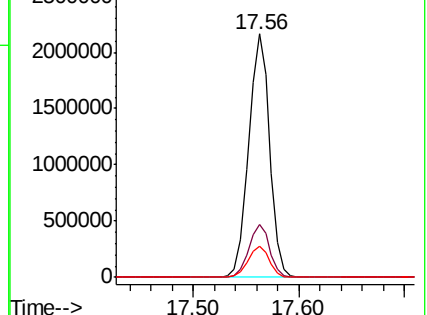
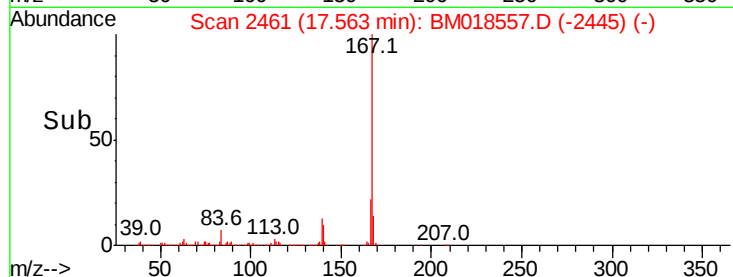


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.731 ng

RT: 18.12 min Scan# 2555

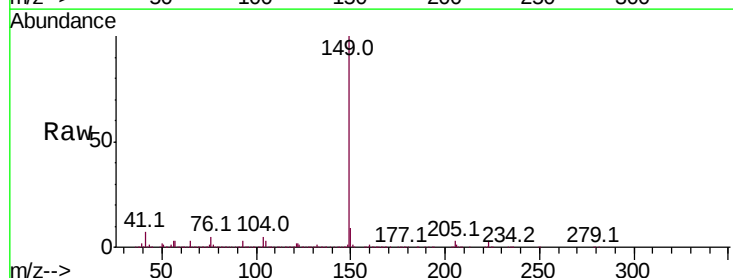
Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Tgt Ion:149 Resp: 3660411

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

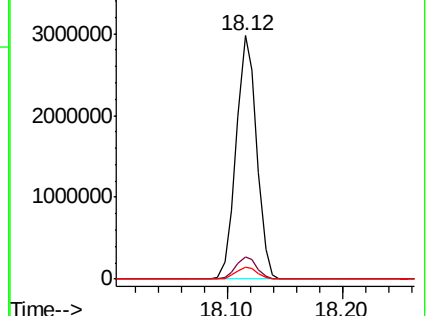
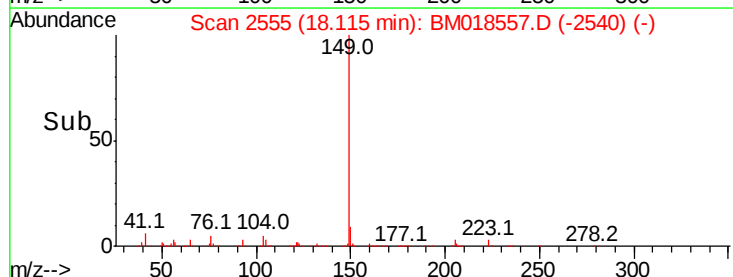


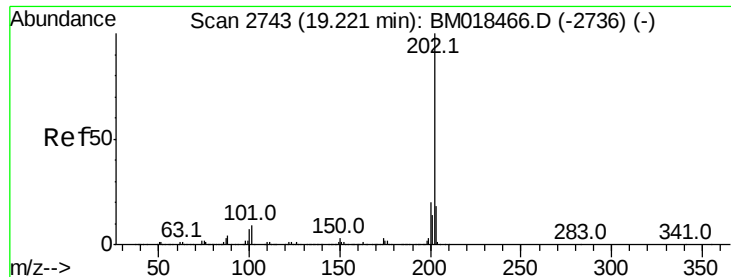
Abundance

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

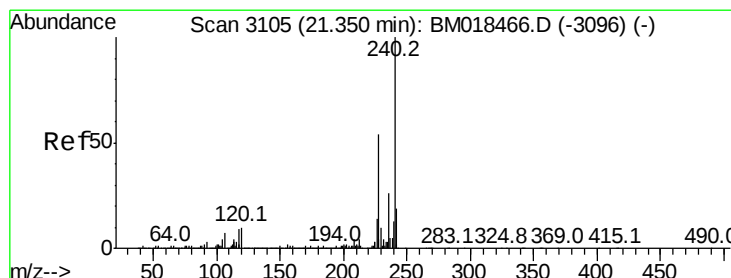
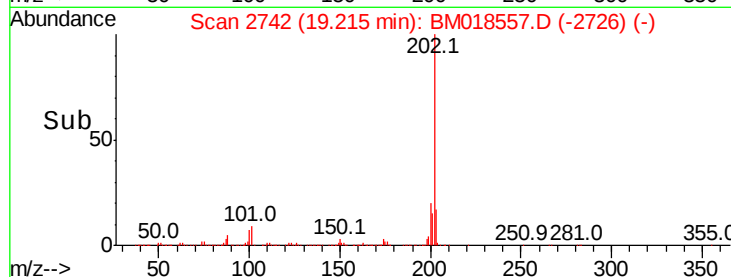
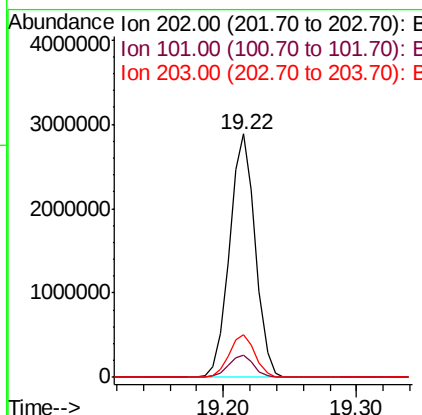
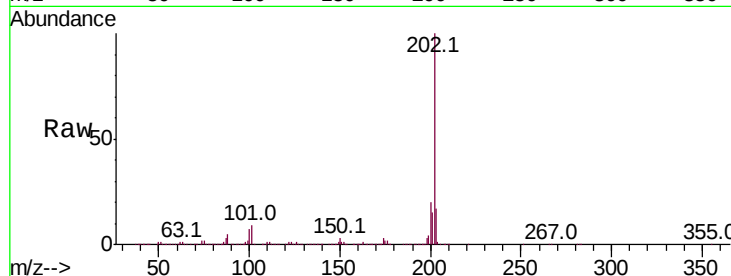




#75
 Fluoranthene
 Concen: 40.465 ng
 RT: 19.22 min Scan# 2742
 Delta R.T. -0.01 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

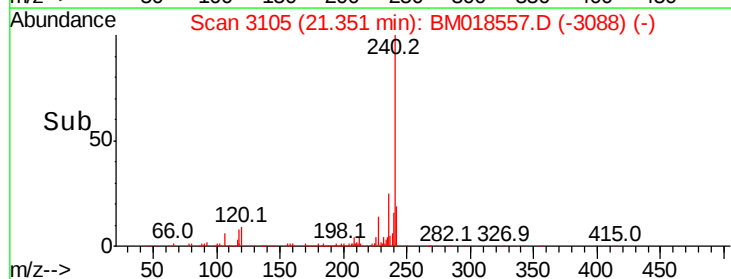
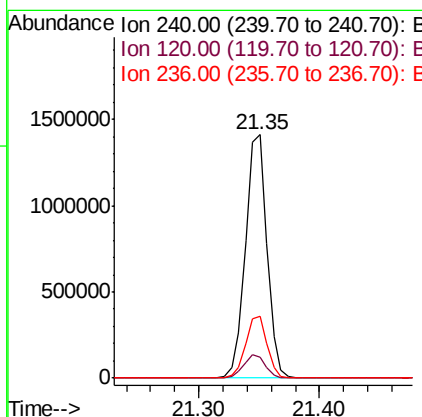
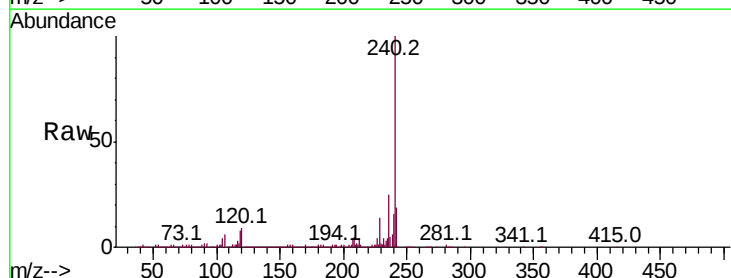
Instrument :
 BNA_M
 ClientSampleId :

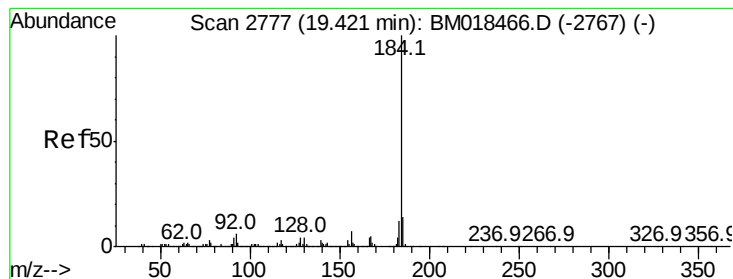
Tot Ion:202 Resp: 3874229
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 30.9
 203 17.4 0.0 37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM018557.D
 Acq: 14 Jan 2019 18:35

Tgt Ion:240 Resp: 1763285
 Ion Ratio Lower Upper
 240 100
 120 8.8 8.4 12.6
 236 25.5 20.7 31.1





#77

Benzidine

Concen: 40.823 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

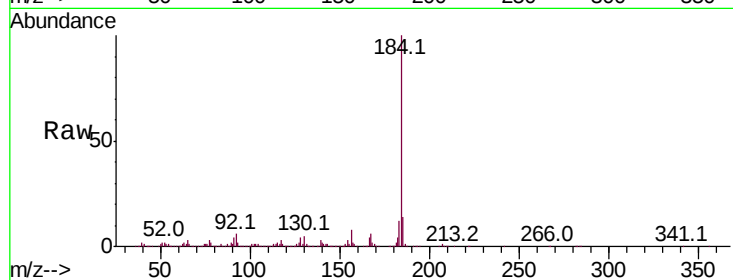
Tot Ion:184 Resp: 1777366

Ion Ratio Lower Upper

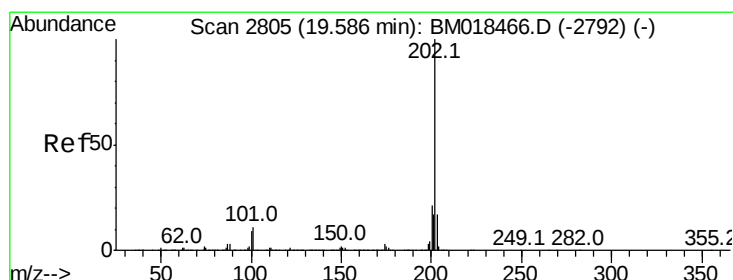
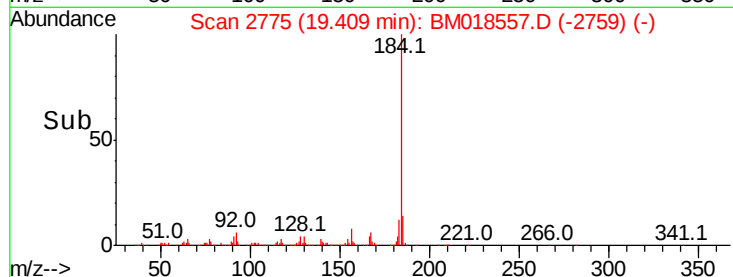
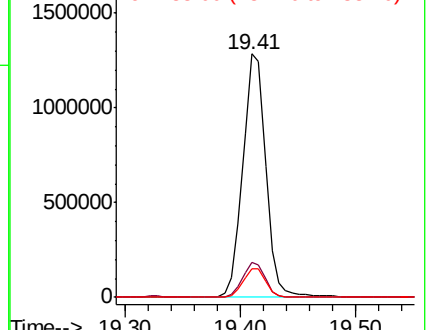
184 100

185 14.2 11.4 17.0

183 11.6 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: 38.224 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

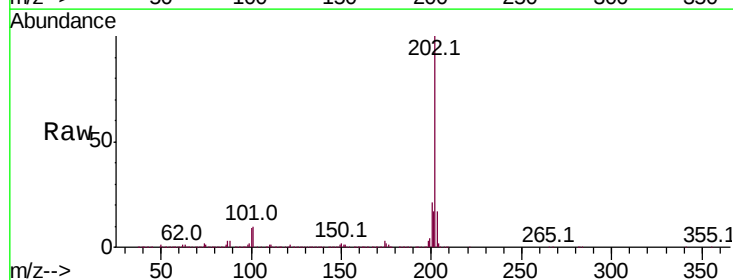
Tgt Ion:202 Resp: 3995117

Ion Ratio Lower Upper

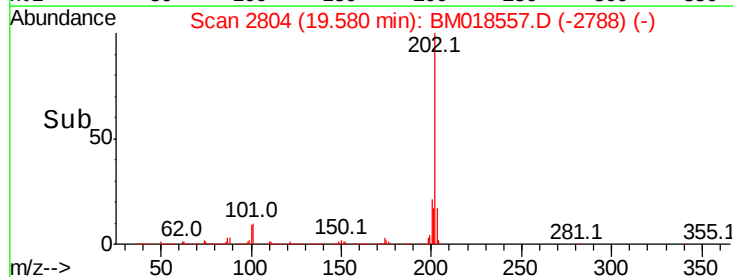
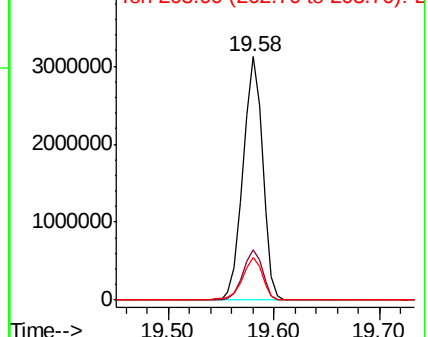
202 100

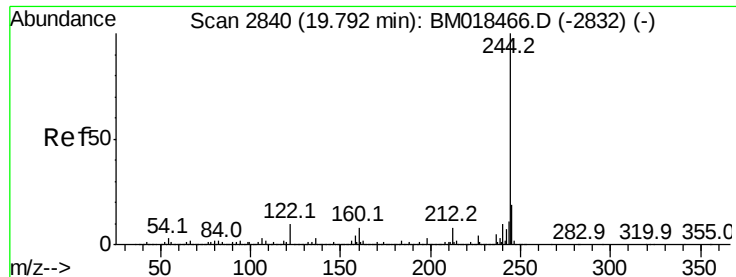
200 20.7 16.6 24.8

203 17.5 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: 71.024 ng

RT: 19.79 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

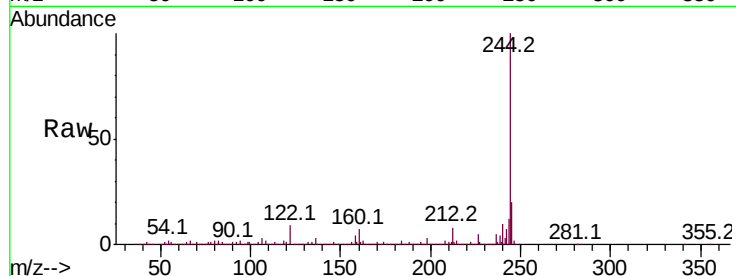
Tot Ion:244 Resp: 5940842

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

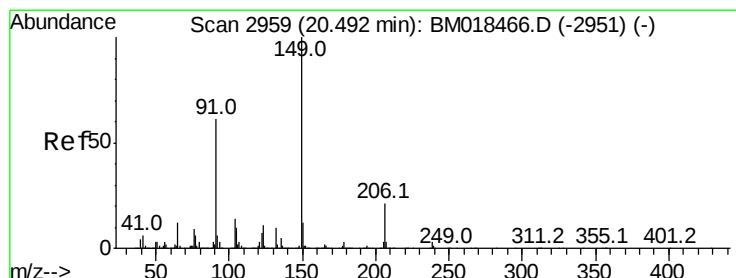
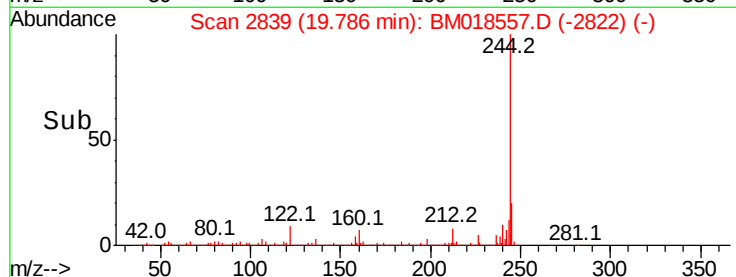
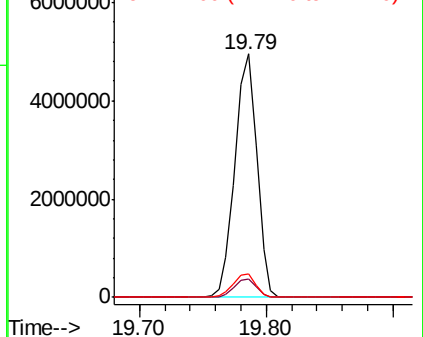
122 9.4 9.0 13.4



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: 40.145 ng

RT: 20.48 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

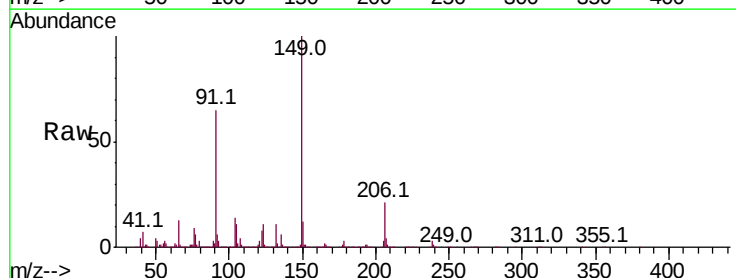
Tgt Ion:149 Resp: 1790420

Ion Ratio Lower Upper

149 100

91 65.3 53.1 79.7

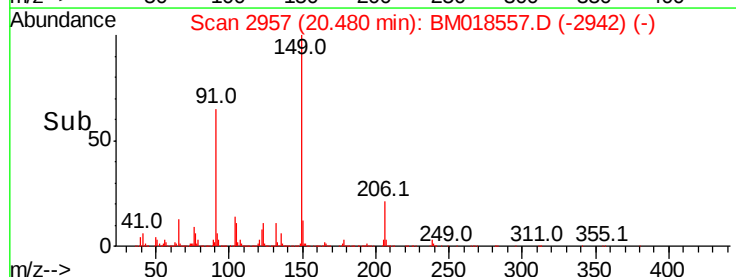
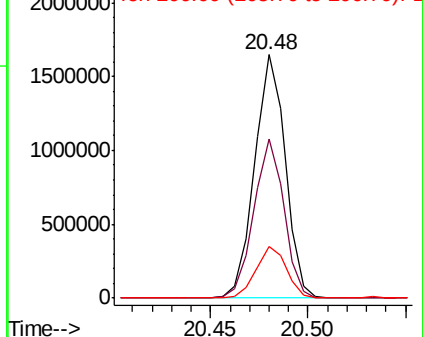
206 21.3 16.2 24.4

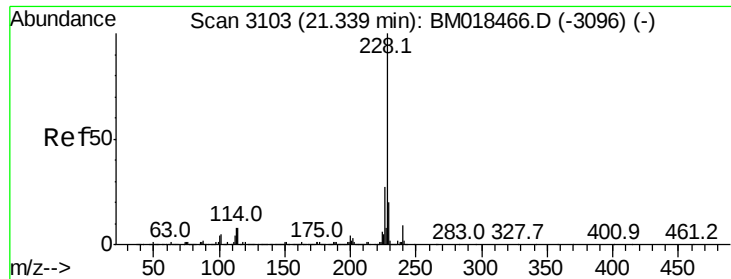


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.127 ng

RT: 21.33 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

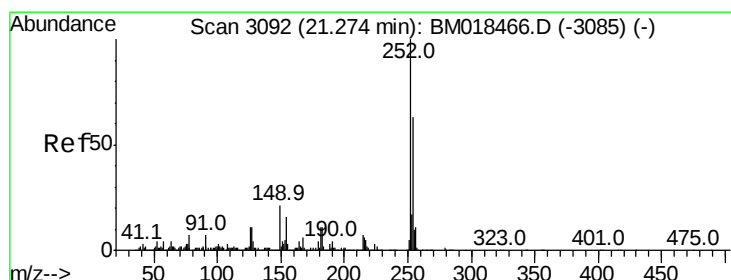
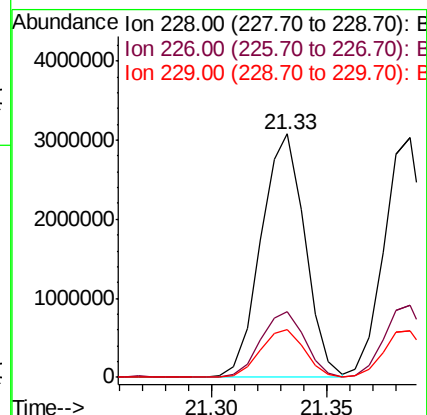
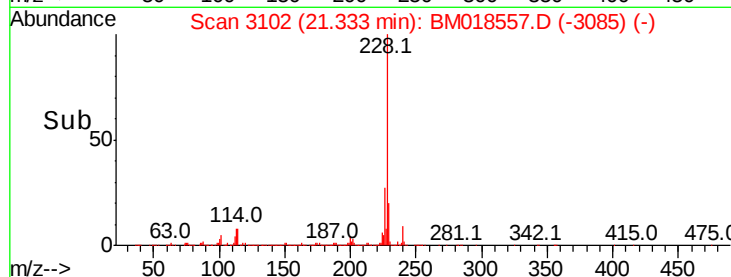
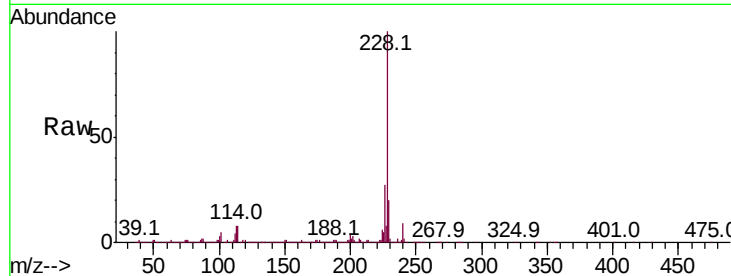
Tot Ion:228 Resp: 4064458

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.8	15.8	23.8

228 100

226 27.1 21.8 32.6

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 22.916 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

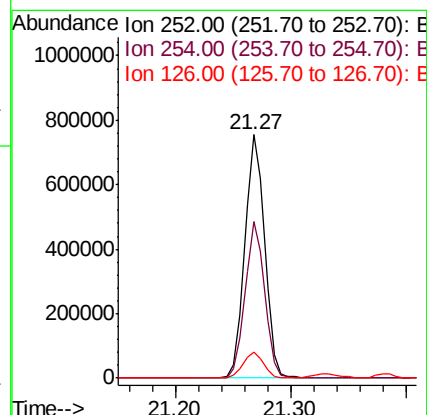
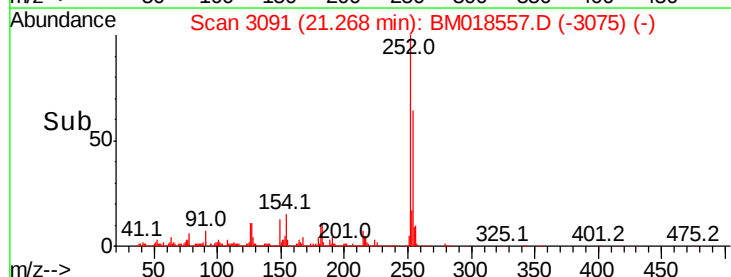
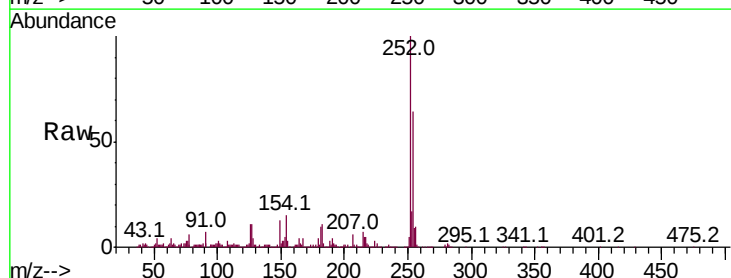
Tgt Ion:252 Resp: 900148

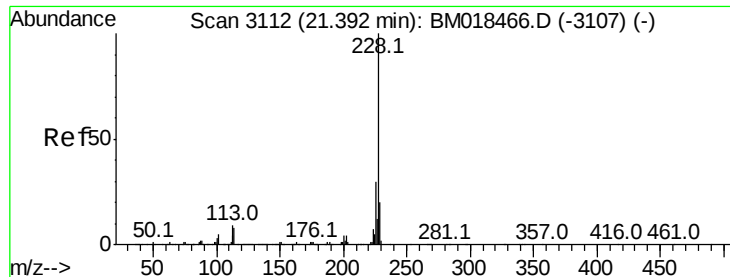
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.0
126	10.6	8.7	13.1

252 100

254 64.1 51.4 77.0

126 10.6 8.7 13.1





#83

Chrysene

Concen: 38.006 ng

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

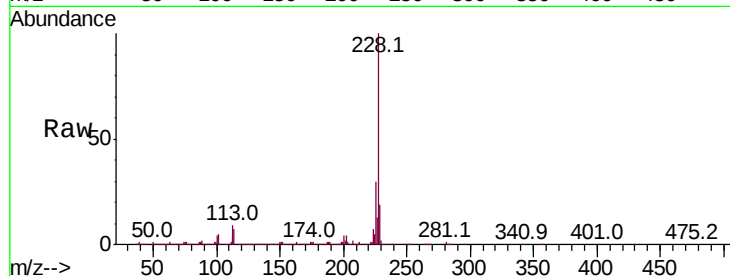
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3812332

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.5	15.6	23.4

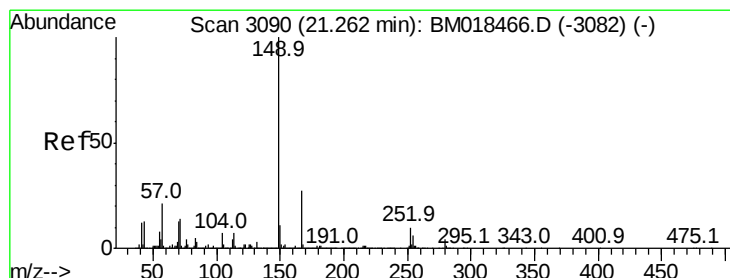
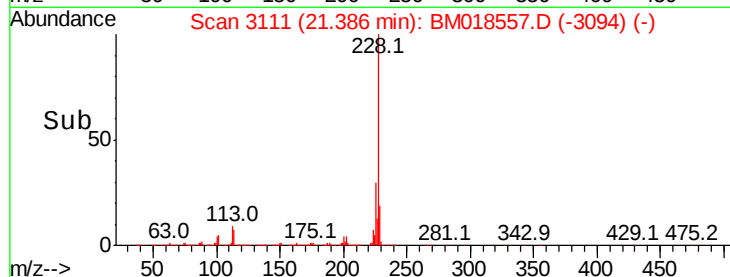
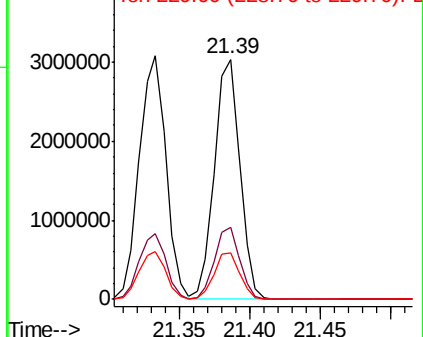


Abundance

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: 40.143 ng

RT: 21.25 min Scan# 3088

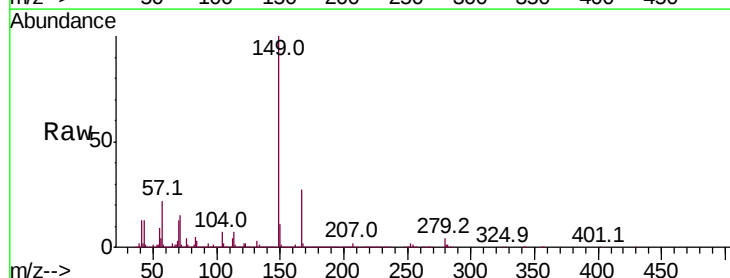
Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Tgt Ion:149 Resp: 2585293

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.6	32.4
279	4.2	3.3	4.9

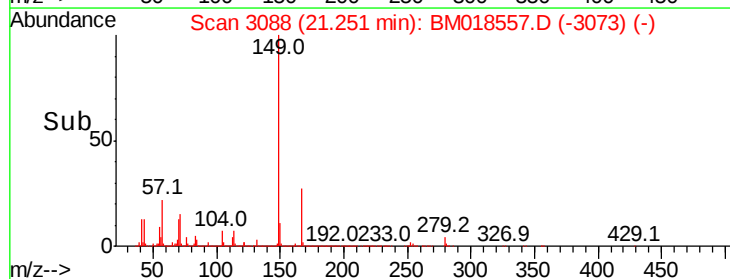
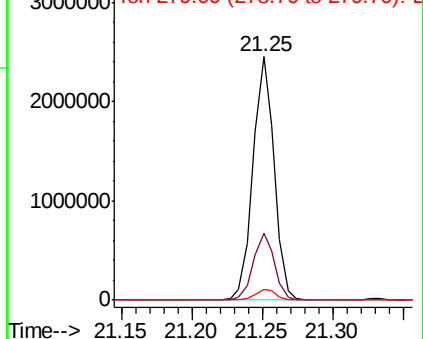


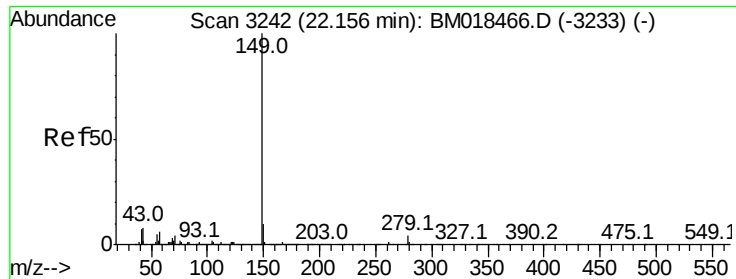
Abundance

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: 42.535 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Instrument :

BNA_M

ClientSampleId :

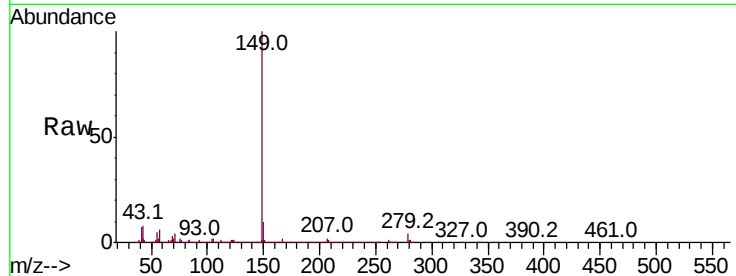
Tot Ion:149 Resp: 4607253

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

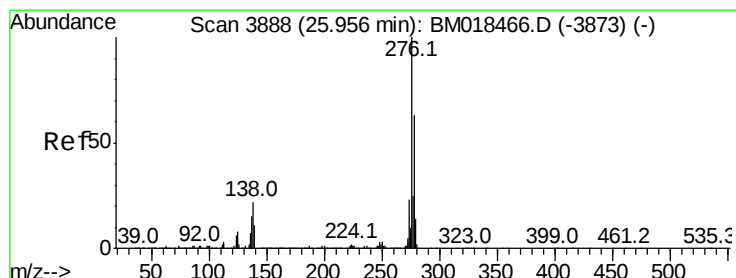
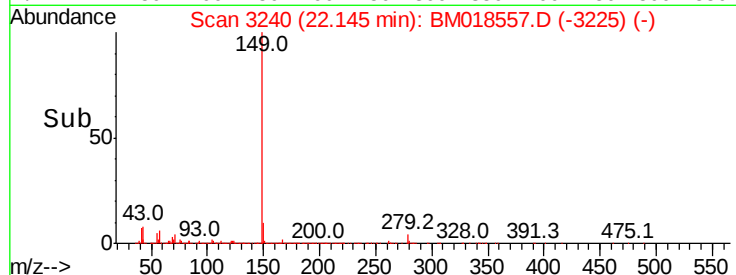
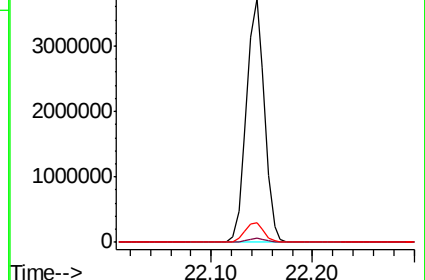
43 8.5 8.6 12.8#



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: 42.921 ng

RT: 25.96 min Scan# 3888

Delta R.T. 0.01 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

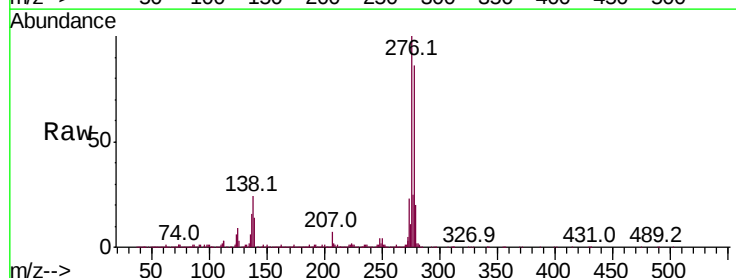
Tgt Ion:276 Resp: 4964603

Ion Ratio Lower Upper

276 100

138 23.2 21.5 32.3

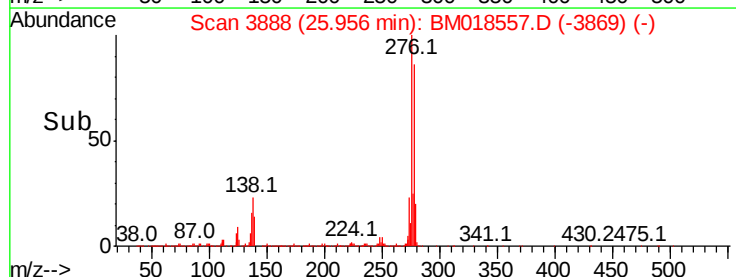
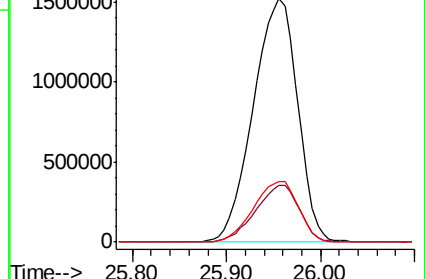
277 25.3 20.2 30.2

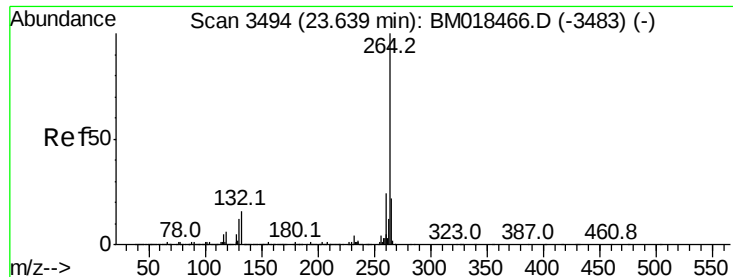


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM018557.D

Acq: 14 Jan 2019 18:35

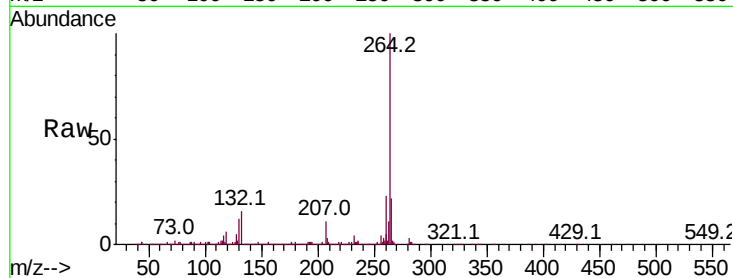
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1910115

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.9	16.8	25.2

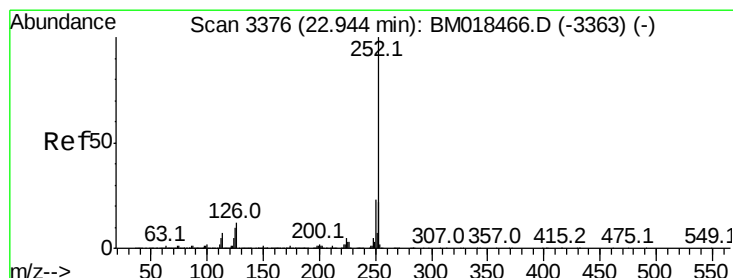
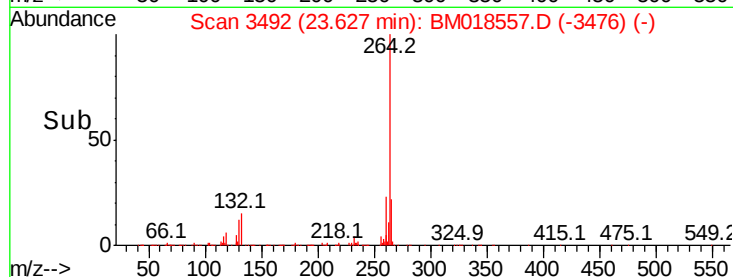
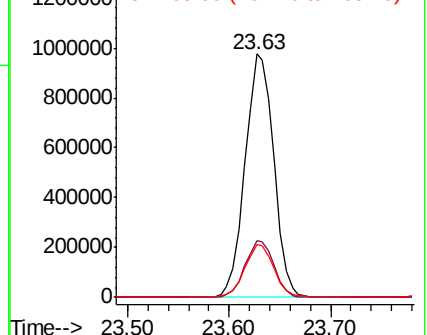


Abundance

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: 38.385 ng

RT: 22.94 min Scan# 3375

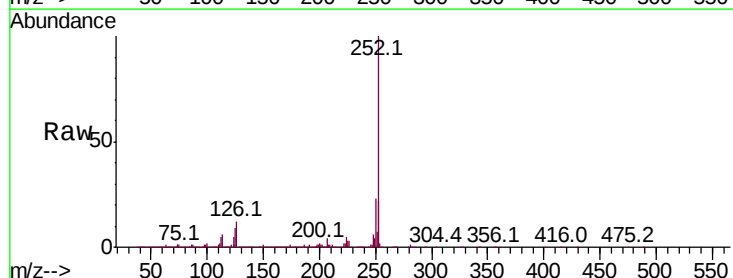
Delta R.T. 0.00 min

Lab File: BM018557.D

Acq: 14 Jan 2019 18:35

Tgt Ion:252 Resp: 4162531

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.3	8.5	12.7

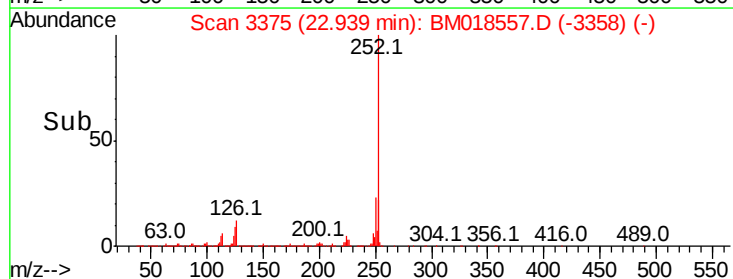
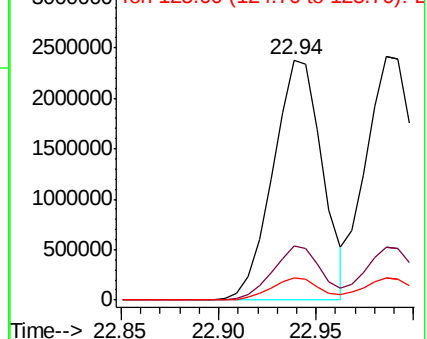


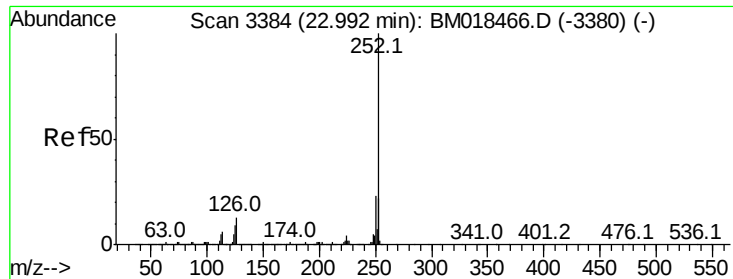
Abundance

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

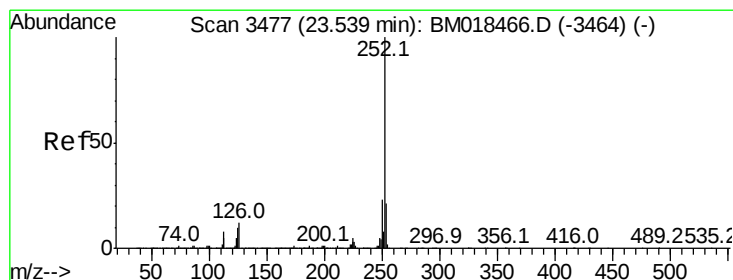
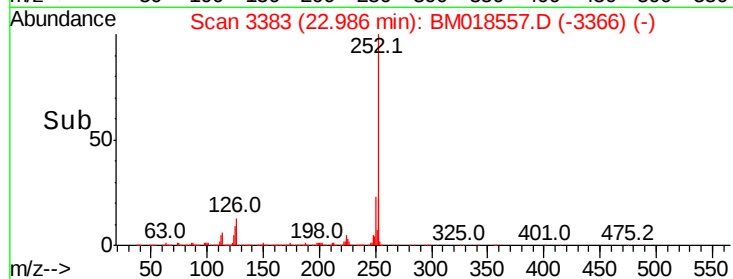
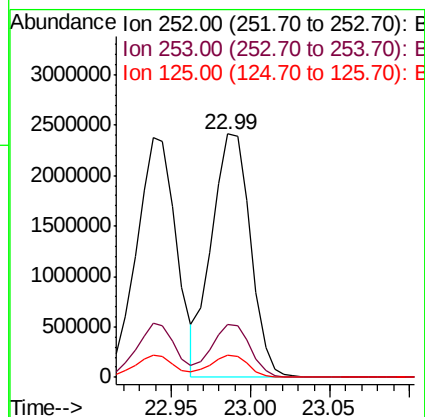
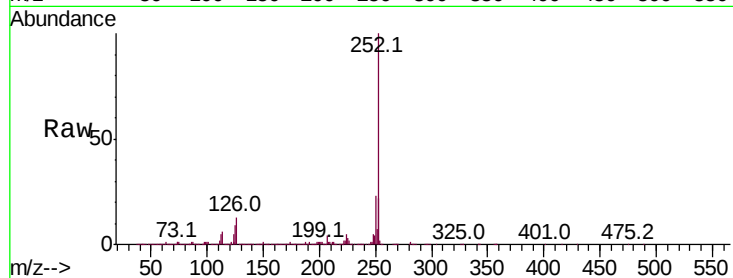




#89
Benzo(k)fluoranthene
Concen: 37.566 ng
RT: 22.99 min Scan# 3383
Delta R.T. 0.00 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

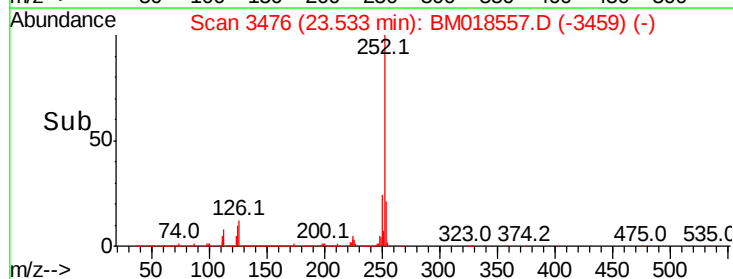
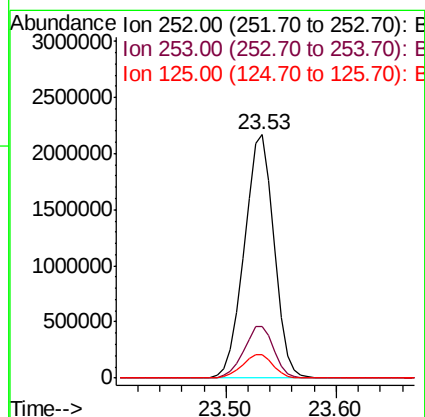
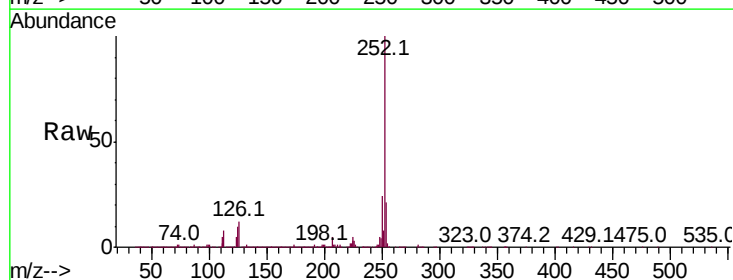
Instrument :
BNA_M
ClientSampleId :

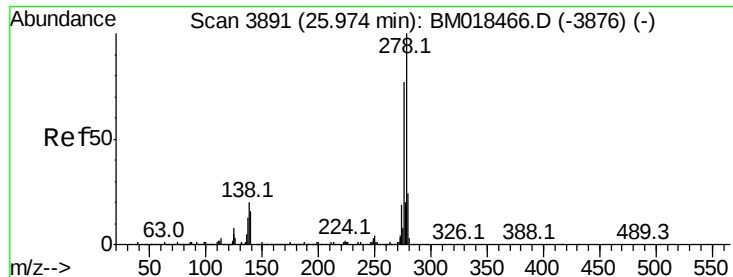
Tot Ion:252 Resp: 4105382
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.3 8.6 12.8



#90
Benzo(a)pyrene
Concen: 39.632 ng
RT: 23.53 min Scan# 3476
Delta R.T. 0.00 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:252 Resp: 4114507
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.6 9.7 14.5#



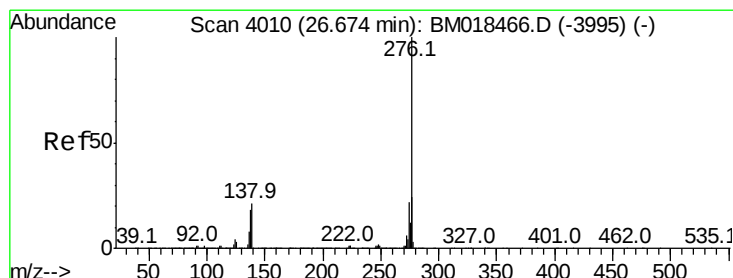
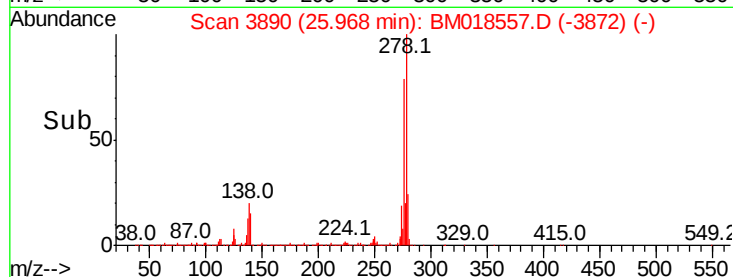
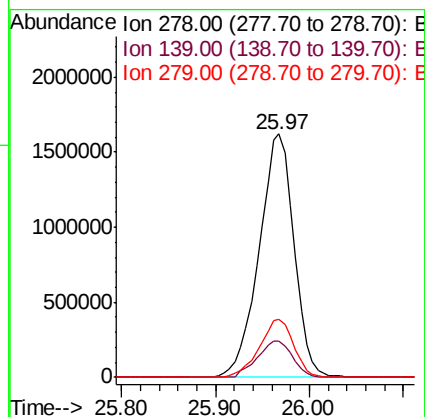
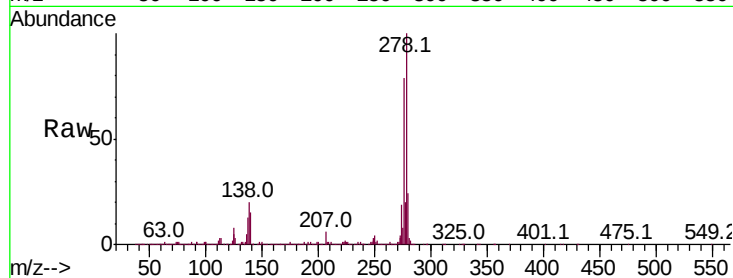


#91
Dibenzo(a,h)anthracene
Concen: 39.583 ng
RT: 25.97 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 4163789

Ion	Ratio	Lower	Upper
278	100		
139	14.8	13.2	19.8
279	23.8	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 40.081 ng
RT: 26.67 min Scan# 4009
Delta R.T. 0.01 min
Lab File: BM018557.D
Acq: 14 Jan 2019 18:35

Tgt Ion:276 Resp: 4102944

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	19.3	18.1	27.1

