

Data File : BM016738.D
Acq On : 12 Sep 2018 00:32
Operator : SJ/JU
Sample : MDL-S-ME-06
Misc : 4ppm/1ppm
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-06

Quant Time: Sep 12 01:17:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	221976	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	926708	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	502103	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1101527	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1235758	20.00	ng/ul	-0.01
86) Perylene-d12	23.54	264	1284730	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	34516	6.65	ng/uL	0.00
5) Phenol-d5	6.90	99	504186	26.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	321883	27.76	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	420646	27.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	398844	27.53	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	186531	30.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	169457	30.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	378932	26.94	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	517556	30.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1142802	28.35	ng/ul	-0.01
47) Acenaphthylene-d8	14.06	160	1456849	27.98	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	171557	25.93	ng/ul	-0.01
58) Fluorene-d10	15.37	176	1007091	28.62	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	108996	24.10	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1519424	28.59	ng/ul	-0.01
79) Pyrene-d10	19.52	212	1688320	28.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1906372	28.45	ng/ul	-0.02

Target Compounds				Qvalue	
2) 1,4-Dioxane	3.30	88	9637	1.784 ng/uL#	80
4) Benzaldehyde	6.89	77	50454	4.788 ng/ul	93
6) Phenol	6.93	94	79661	4.262 ng/ul	95
8) Bis(2-Chloroethyl)ether	7.17	93	62222	4.324 ng/ul	96
10) 2-Chlorophenol	7.30	128	65670	4.279 ng/ul	97
11) 2-Methylphenol	8.17	108	54837	3.915 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	95538	4.199 ng/ul#	93
14) Acetophenone	8.55	105	95782	4.266 ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.54	70	44935	3.999 ng/ul#	88
16) 4-Methylphenol	8.49	108	61276	4.139 ng/ul	98
17) Hexachloroethane	8.81	117	25026	4.151 ng/ul	89
20) Nitrobenzene	8.93	77	70458	4.574 ng/ul	90
21) Isophorone	9.45	82	119542	3.905 ng/ul	95
23) 2-Nitrophenol	9.63	139	29470	4.611 ng/ul	91
24) 2,4-Dimethylphenol	9.69	107	67359	4.084 ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.94	93	80658	4.263 ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	58277	4.312 ng/ul	98
28) Naphthalene	10.56	128	208312	4.372 ng/ul	99
30) 4-Chloroaniline	10.67	127	59090	3.477 ng/ul	97
31) Hexachlorobutadiene	10.85	225	40721	4.463 ng/ul	98
32) Caprolactam	11.45	113	13532	3.166 ng/ul	85
33) 4-Chloro-3-methylphenol	11.80	107	54889	3.875 ng/ul	94
34) 2-Methylnaphthalene	12.18	142	147286	4.387 ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	147286	4.387	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	78485	4.551	ng/ul#	92
38) Hexachlorocyclopentadiene	12.53	237	41231	3.840	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	36482	3.715	ng/ul	96
40) 2,4,5-Trichlorophenol	12.86	196	42068	3.926	ng/ul	96
41) 1,1'-Biphenyl	13.20	154	183900	4.403	ng/ul	97
42) 2-Chloronaphthalene	13.24	162	146114	4.470	ng/ul	97
43) 2-Nitroaniline	13.44	65	28554	3.965	ng/ul	96
45) Dimethylphthalate	13.83	163	174525	4.429	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	23575	3.896	ng/ul	98
48) Acenaphthylene	14.09	152	216707	4.397	ng/ul	99
49) 3-Nitroaniline	14.27	138	22794	3.464	ng/ul#	95
50) Acenaphthene	14.43	153	155427	4.442	ng/ul	99
51) 2,4-Dinitrophenol	14.48	184	8102	2.993	ng/ul#	85
53) 4-Nitrophenol	14.57	109	22227	4.359	ng/ul#	68
54) Dibenzofuran	14.77	168	212840	4.433	ng/ul	98
55) 2,4-Dinitrotoluene	14.73	165	35469	3.986	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.00	232	31858	3.675	ng/ul#	86
57) Diethylphthalate	15.21	149	162652	4.167	ng/ul	98
59) Fluorene	15.42	166	174223	4.417	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	89655	4.483	ng/ul	92
61) 4-Nitroaniline	15.44	138	27929	3.455	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.50	198	19267	3.800	ng/ul#	87
65) N-Nitrosodiphenylamine	15.64	169	144656	4.245	ng/ul	100
66) 4-Bromophenyl-phenylether	16.32	248	51979	4.171	ng/ul	98
67) Hexachlorobenzene	16.42	284	58702	4.377	ng/ul#	93
68) Atrazine	16.59	200	44386	3.686	ng/ul	95
69) Pentachlorophenol	16.77	266	21911	3.021	ng/ul	94
70) Phenanthrene	17.16	178	277235	4.531	ng/ul	99
72) Anthracene	17.25	178	280015	4.458	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	80448	4.413	ng/uL	96
74) Pentachlorobenzene	14.69	250	73327	4.459	ng/uL	96
75) Carbazole	17.52	167	231529	4.193	ng/ul	97
76) Di-n-butylphthalate	18.10	149	228594	3.558	ng/ul	99
77) Fluoranthene	19.18	202	298439	4.255	ng/ul#	90
80) Pyrene	19.54	202	327945	4.322	ng/ul#	86
81) Butylbenzylphthalate	20.46	149	87060	3.102	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.23	252	78522	3.208	ng/ul#	99
83) Benzo(a)anthracene	21.29	228	325893	4.260	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	135575	3.074	ng/ul	97
85) Chrysene	21.34	228	321102	4.501	ng/ul	98
87) Di-n-octyl phthalate	22.13	149	213891	2.771	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	320992	4.174	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	314124	4.254	ng/ul#	96
91) Benzo(a)pyrene	23.45	252	318350	4.343	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.79	276	357831	4.092	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.81	278	306646	4.192	ng/ul#	95
94) Benzo(g,h,i)perylene	26.48	276	298073	4.111	ng/ul#	91

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Quantitation Report (Not Reviewed)

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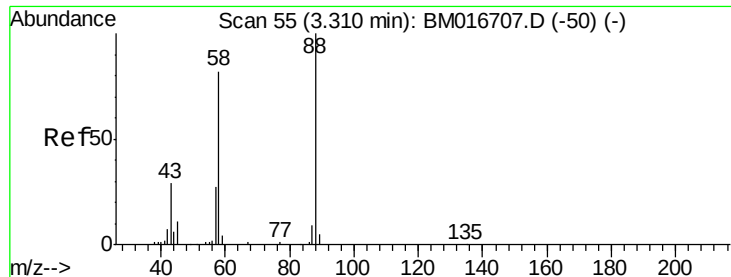
Quant Time: Sep 12 01:17:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 10 15:28:07 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quant Time: Sep 12 01:17:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
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#2

1,4-Dioxane

Concen: 1.784 ng/uL

RT: 3.30 min Scan# 54

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

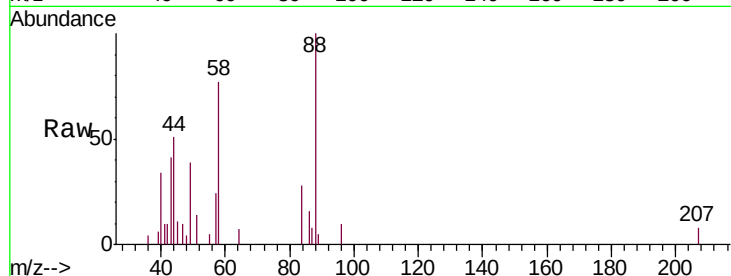
Tgt Ion: 88 Resp: 9637

Ion Ratio Lower Upper

88 100

43 41.3 29.0 43.4

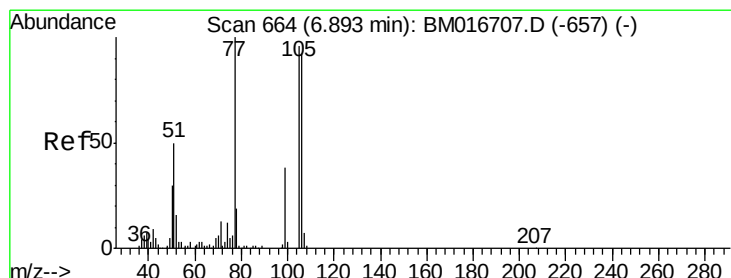
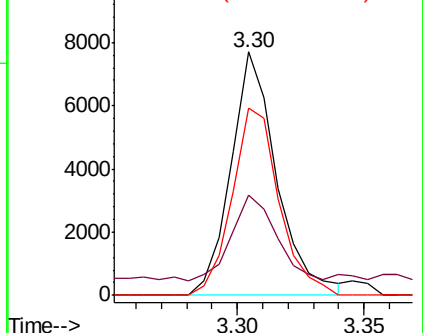
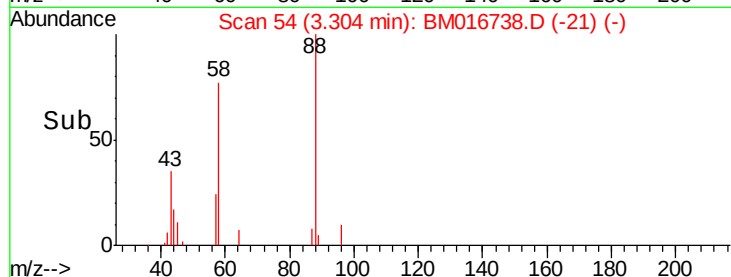
58 76.9 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM016738.D (-50) (-)

Ion 43.00 (42.70 to 43.70): BM016738.D (-50) (-)

Ion 58.00 (57.70 to 58.70): BM016738.D (-50) (-)



#4

Benzaldehyde

Concen: 4.788 ng/uL

RT: 6.89 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

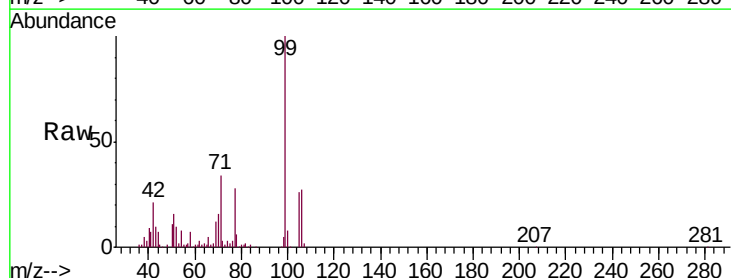
Tgt Ion: 77 Resp: 50454

Ion Ratio Lower Upper

77 100

105 92.7 71.0 106.6

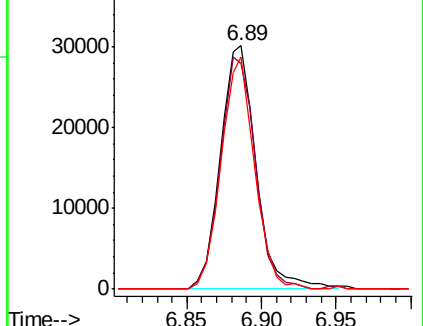
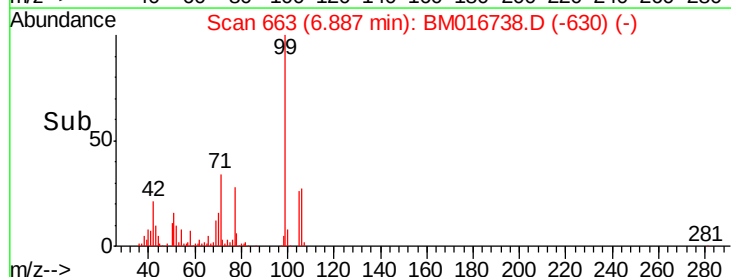
106 95.3 69.5 104.3

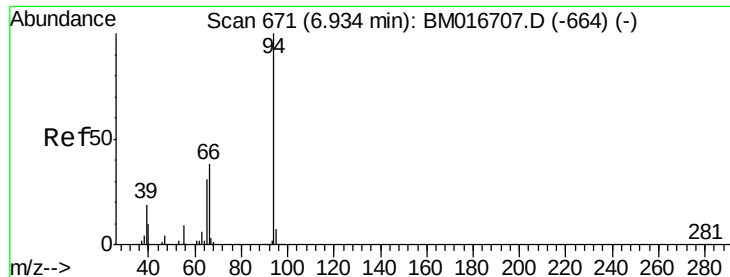


Abundance Ion 77.00 (76.70 to 77.70): BM016738.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM016738.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM016738.D (-630) (-)





#6

Phenol

Concen: 4.262 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

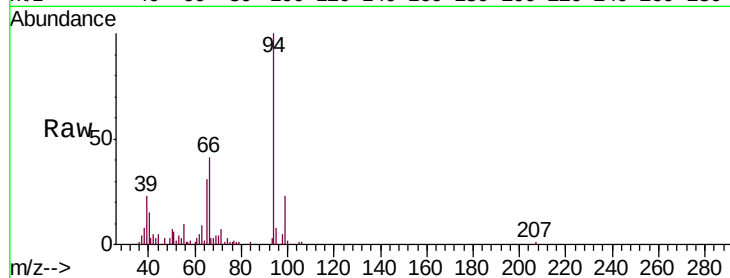
Tgt Ion: 94 Resp: 79661

Ion Ratio Lower Upper

94 100

65 31.3 23.0 34.6

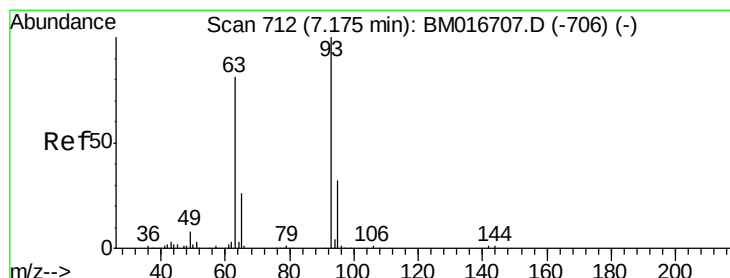
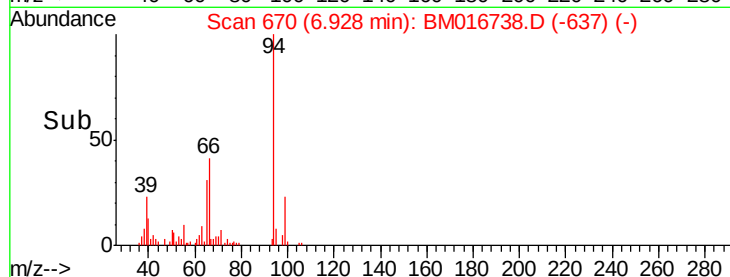
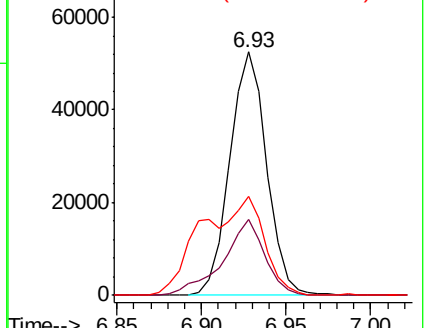
66 40.7 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016707.D (-664) (-)

Ion 65.00 (64.70 to 65.70): BM016707.D (-664) (-)

Ion 66.00 (65.70 to 66.70): BM016707.D (-664) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 4.324 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

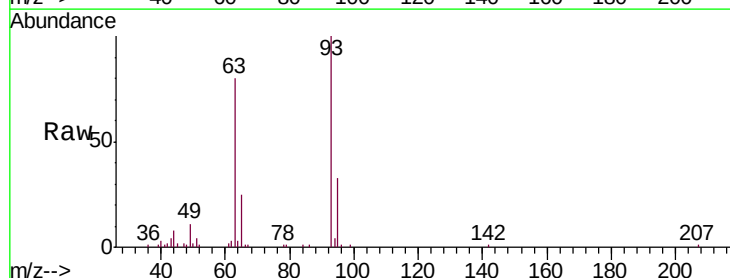
Tgt Ion: 93 Resp: 62222

Ion Ratio Lower Upper

93 100

63 79.6 59.4 89.2

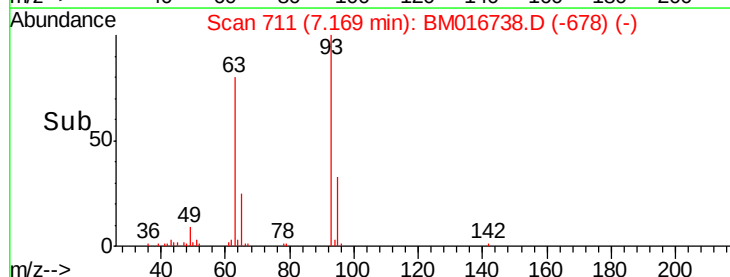
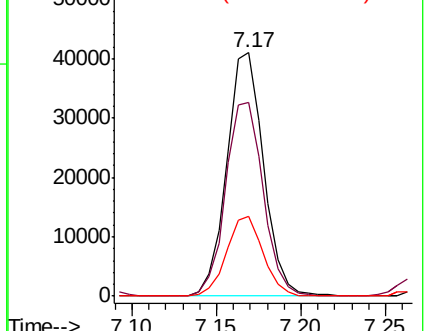
95 32.7 26.4 39.6

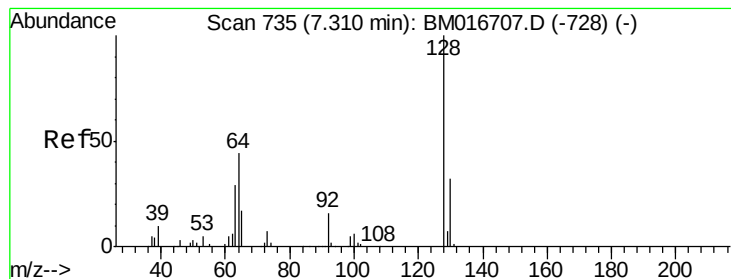


Abundance Ion 93.00 (92.70 to 93.70): BM016707.D (-706) (-)

Ion 63.00 (62.70 to 63.70): BM016707.D (-706) (-)

Ion 95.00 (94.70 to 95.70): BM016707.D (-706) (-)





#10

2-Chlorophenol

Concen: 4.279 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

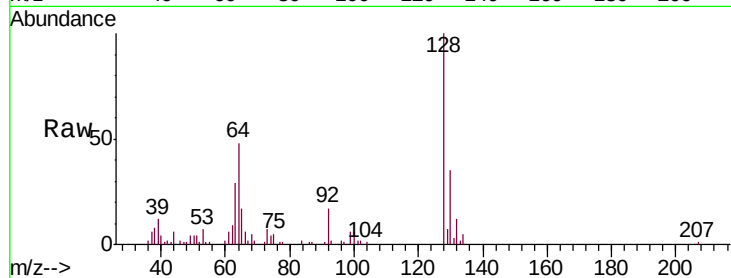
Tgt Ion:128 Resp: 65670

Ion Ratio Lower Upper

128 100

64 47.6 39.8 59.6

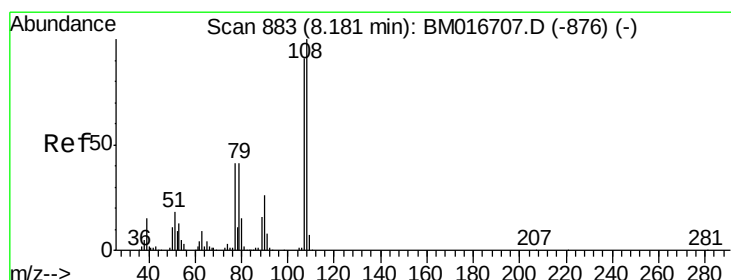
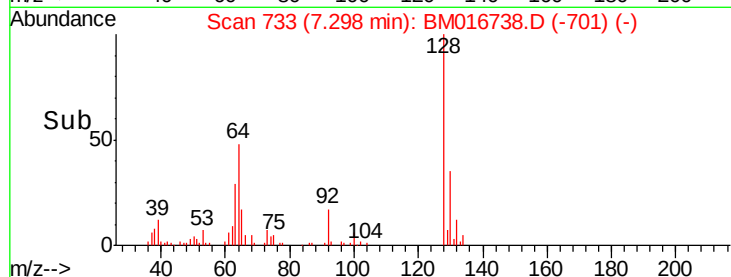
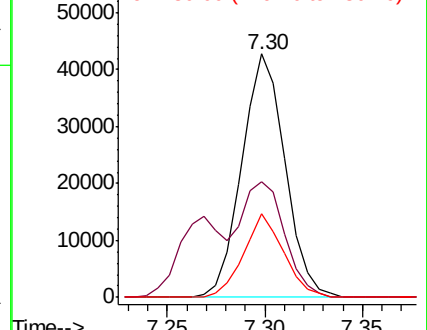
130 34.6 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.915 ng/ul

RT: 8.17 min Scan# 881

Delta R.T. -0.01 min

Lab File: BM016738.D

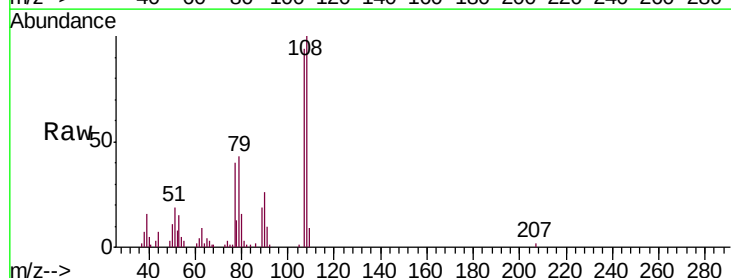
Acq: 12 Sep 2018 00:32

Tgt Ion:108 Resp: 54837

Ion Ratio Lower Upper

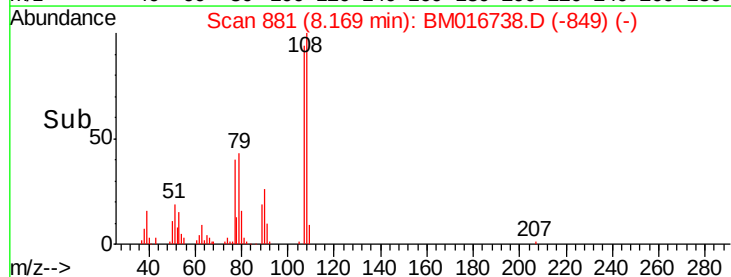
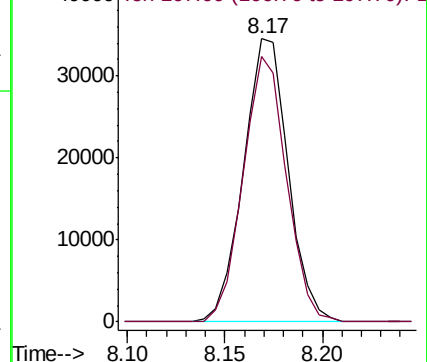
108 100

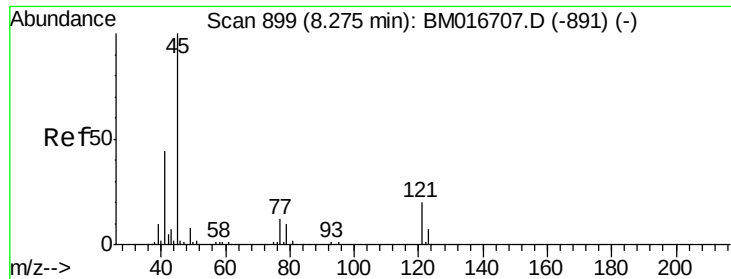
107 94.0 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

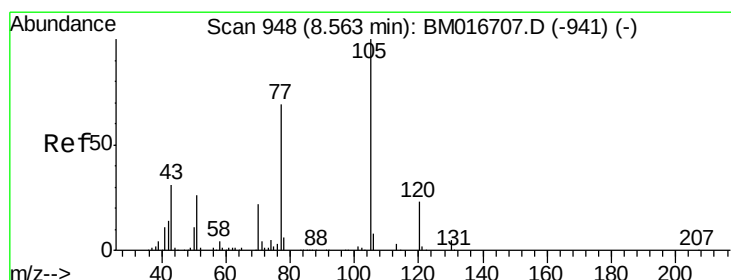
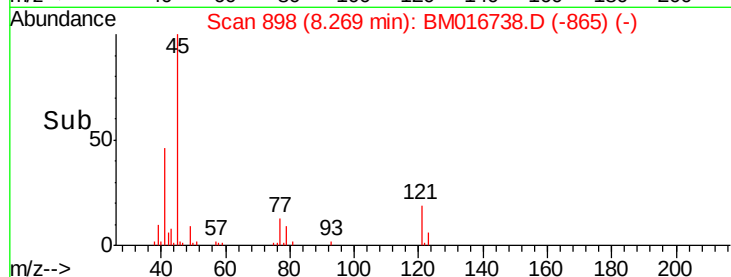
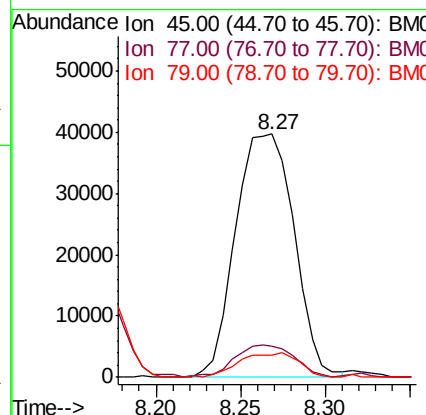
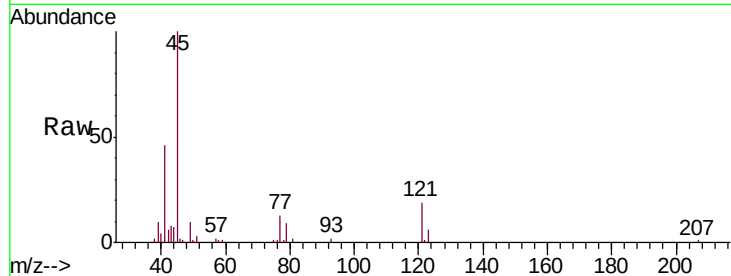




#12
2,2'-oxybis(1-Chloropropane)
Concen: 4.199 ng/ul
RT: 8.27 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

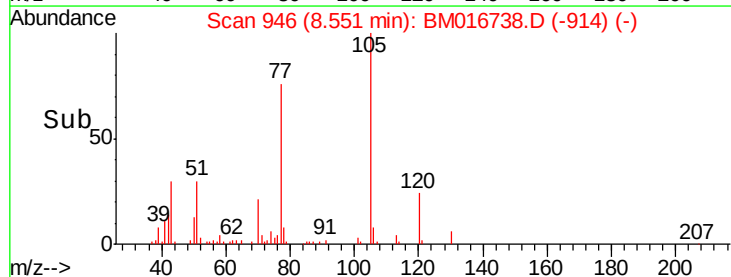
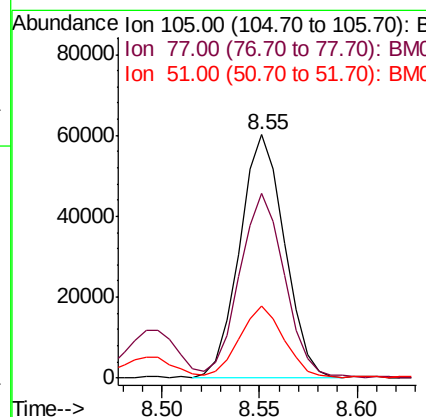
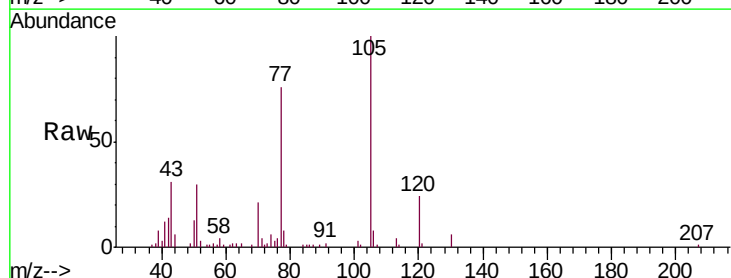
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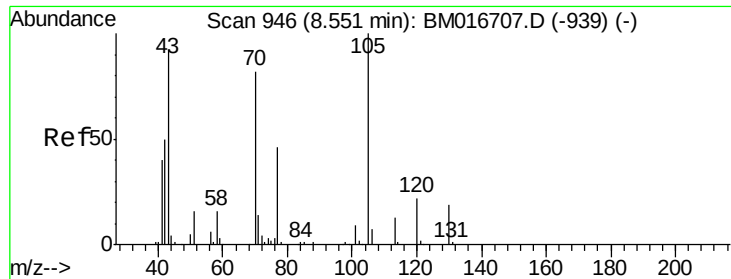
Tgt Ion: 45 Resp: 95538
Ion Ratio Lower Upper
45 100
77 12.7 12.5 18.7
79 9.3 9.4 14.2#



#14
Acetophenone
Concen: 4.266 ng/ul
RT: 8.55 min Scan# 946
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

Tgt Ion: 105 Resp: 95782
Ion Ratio Lower Upper
105 100
77 76.0 63.2 94.8
51 29.8 19.8 29.8#

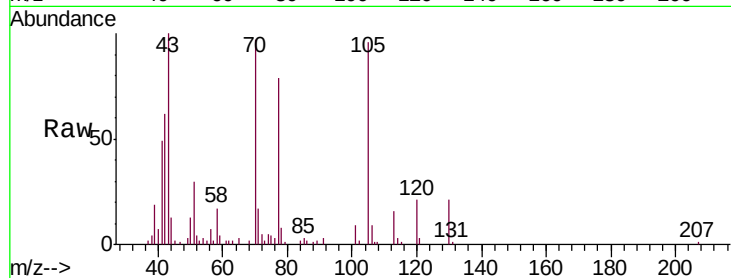




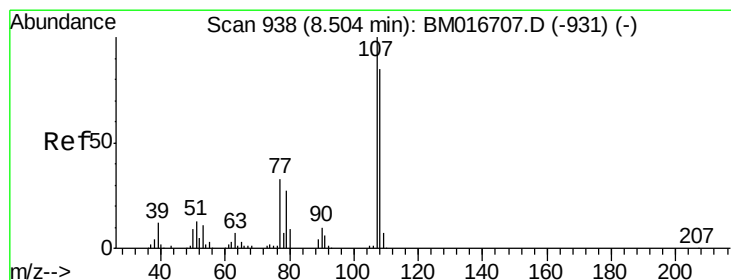
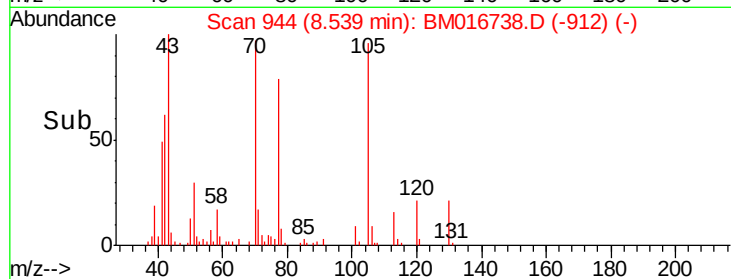
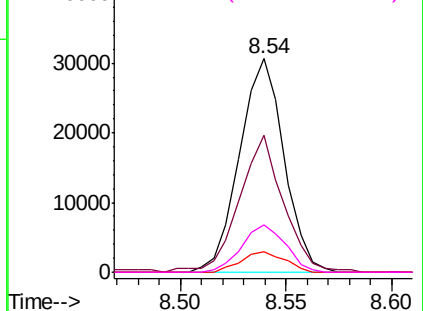
#15
N-Nitroso-di-n-propylamine
Concen: 3.999 ng/ul
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-06

Tgt Ion: 70 Resp: 44935
Ion Ratio Lower Upper
70 100
42 64.0 40.2 60.4#
101 9.4 7.7 11.5
130 22.0 17.8 26.6

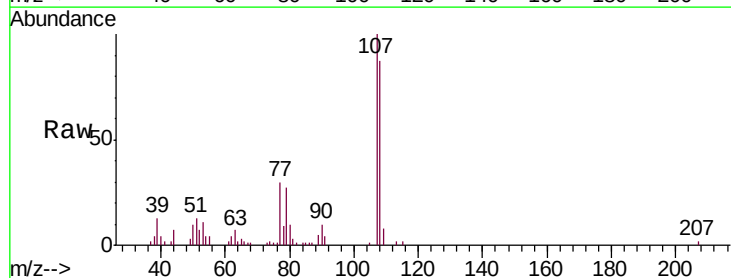


Abundance Ion 70.00 (69.70 to 70.70): BM016738.D (-944) (-)
Ion 42.00 (41.70 to 42.70): BM016738.D (-944) (-)
Ion 101.00 (100.70 to 101.70): BM016738.D (-944) (-)
Ion 130.00 (129.70 to 130.70): BM016738.D (-944) (-)

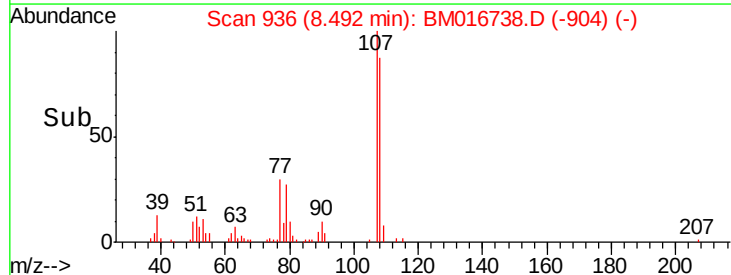
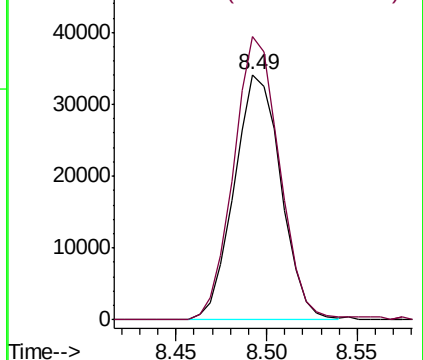


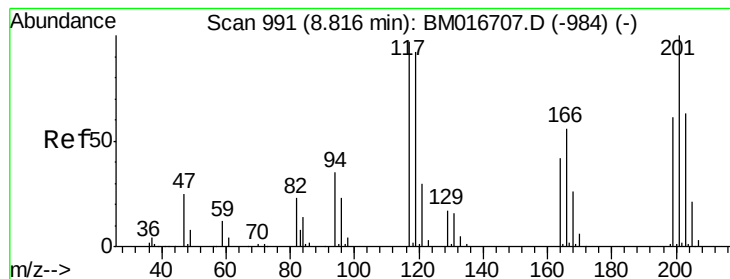
#16
4-Methylphenol
Concen: 4.139 ng/ul
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

Tgt Ion: 108 Resp: 61276
Ion Ratio Lower Upper
108 100
107 115.2 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): BM016738.D (-936) (-)
Ion 107.00 (106.70 to 107.70): BM016738.D (-936) (-)





#17

Hexachloroethane

Concen: 4.151 ng/ul

RT: 8.81 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

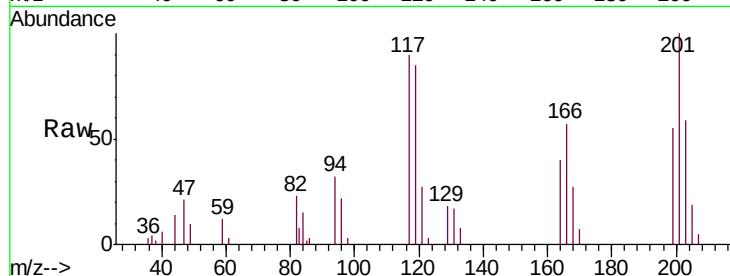
Tgt Ion:117 Resp: 25026

Ion Ratio Lower Upper

117 100

201 110.7 96.1 144.1

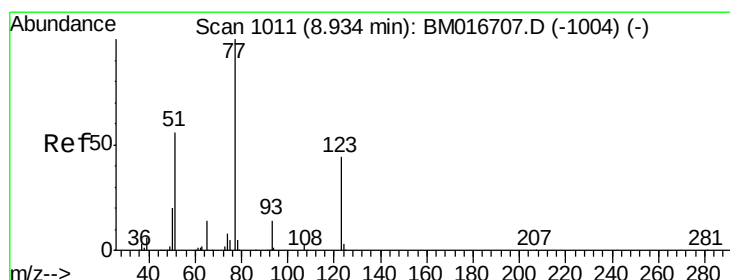
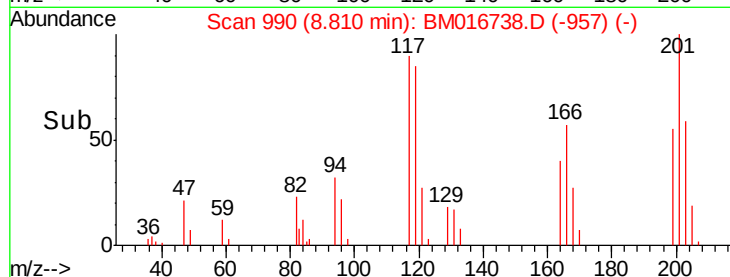
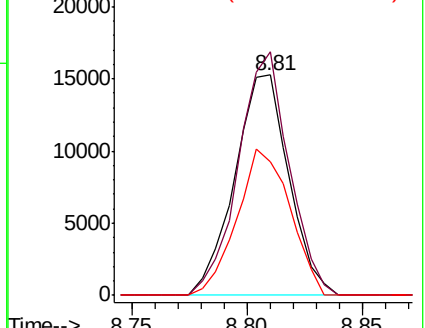
199 60.9 59.7 89.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 4.574 ng/ul

RT: 8.93 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

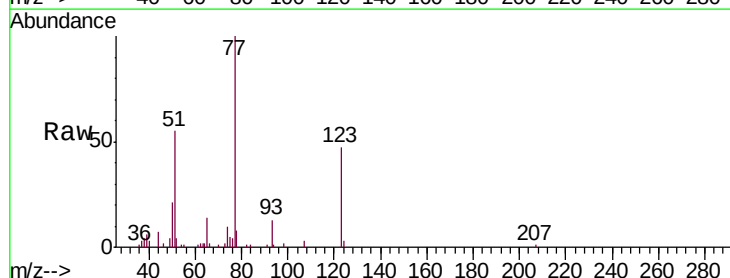
Tgt Ion: 77 Resp: 70458

Ion Ratio Lower Upper

77 100

123 47.2 31.8 47.8

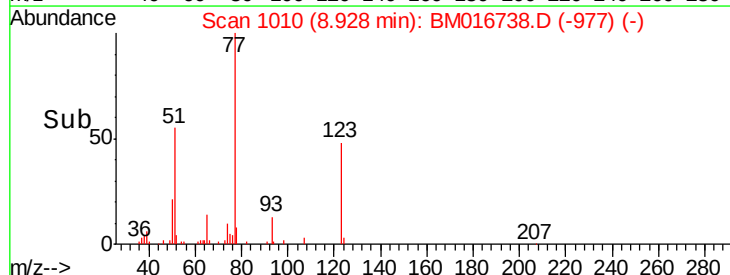
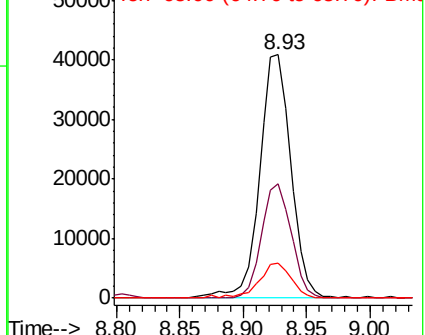
65 14.3 10.6 16.0

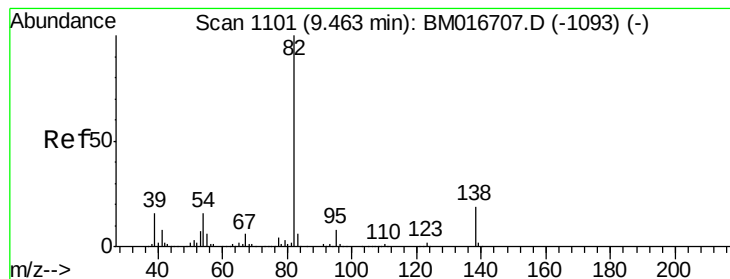


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 3.905 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

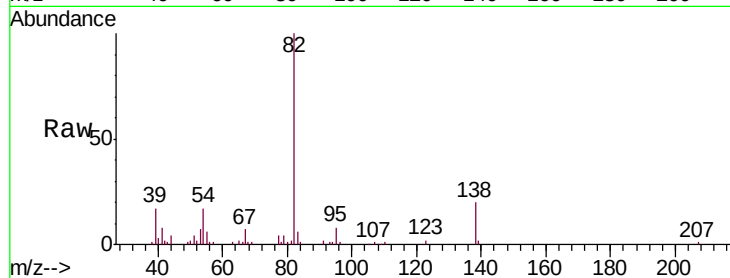
Tgt Ion: 82 Resp: 119542

Ion Ratio Lower Upper

82 100

95 8.2 6.1 9.1

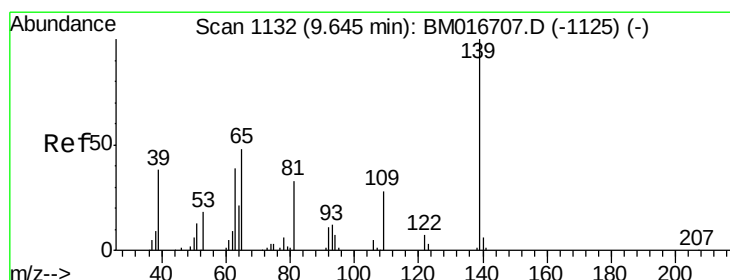
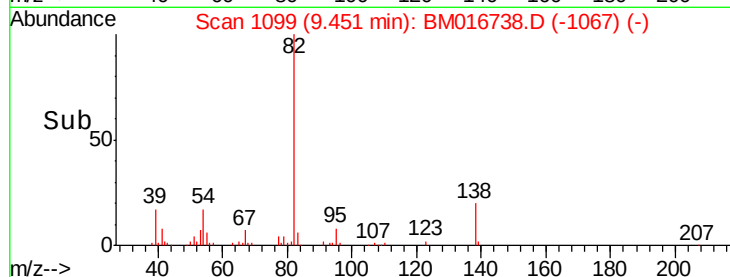
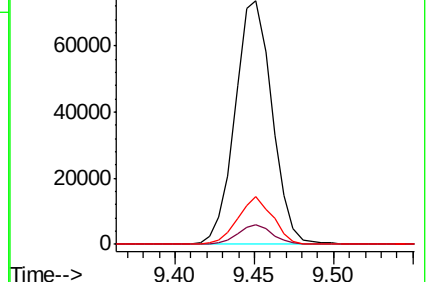
138 19.5 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BM016738.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM016738.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM016738.D (-1093) (-)



#23

2-Nitrophenol

Concen: 4.611 ng/ul

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

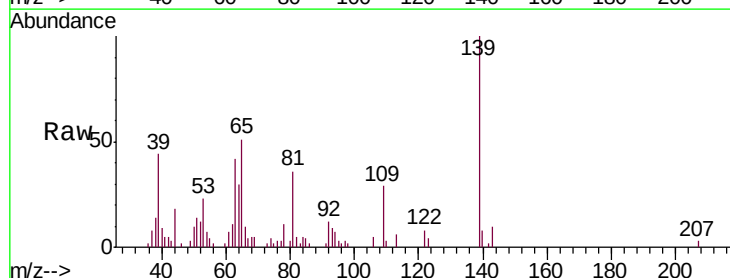
Tgt Ion: 139 Resp: 29470

Ion Ratio Lower Upper

139 100

65 50.8 45.3 67.9

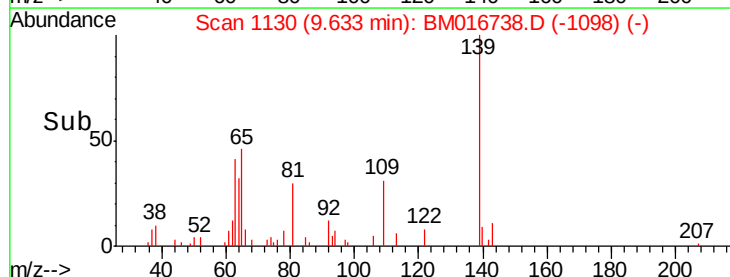
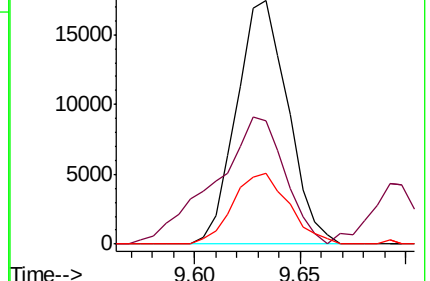
109 29.1 27.7 41.5

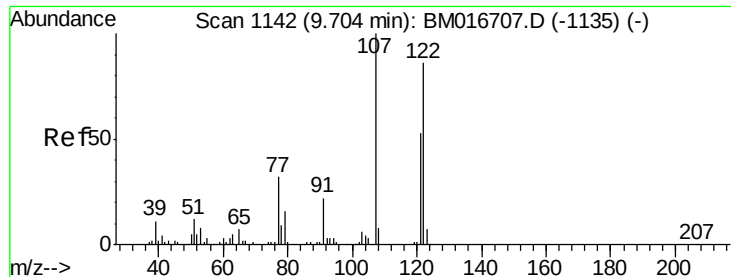


Abundance Ion 139.00 (138.70 to 139.70): BM016738.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM016738.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM016738.D (-1098) (-)

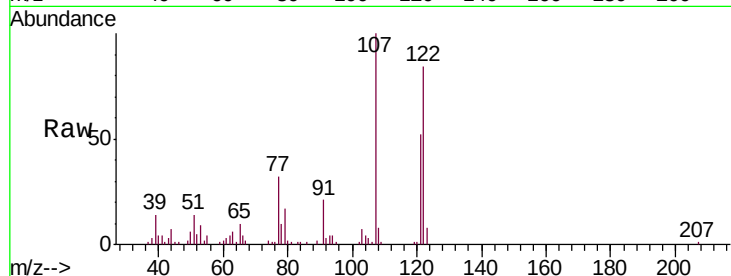




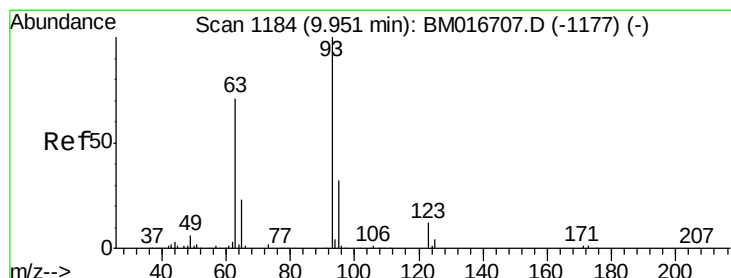
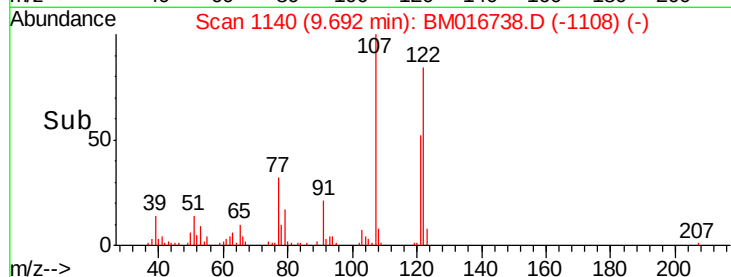
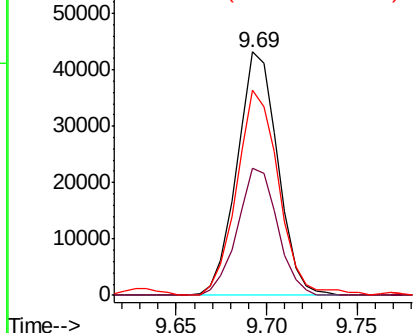
#24
 2,4-Dimethylphenol
 Concen: 4.084 ng/ul
 RT: 9.69 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-06

Tgt Ion	Ratio	Lower	Upper
107	100		
121	52.4	38.1	57.1
122	84.1	63.8	95.8

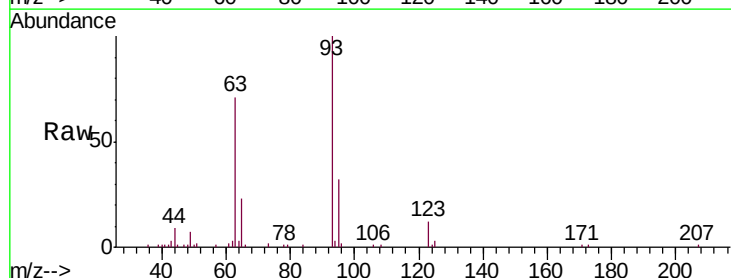


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

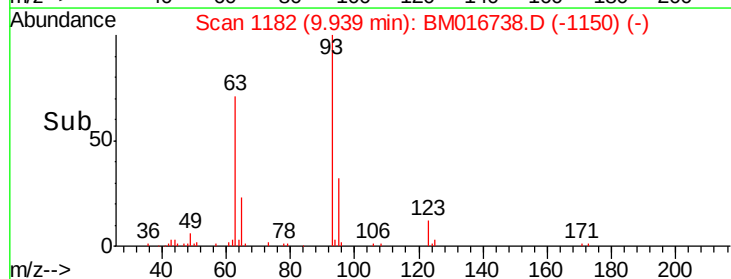
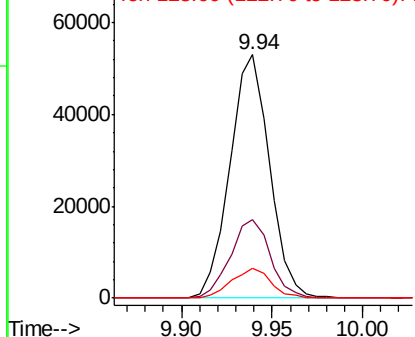


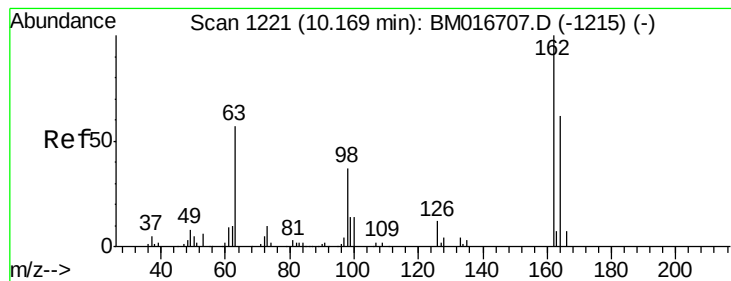
#25
 Bis(2-Chloroethoxy)methane
 Concen: 4.263 ng/ul
 RT: 9.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.7	37.1
123	12.2	8.2	12.2



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





#27

2,4-Dichlorophenol

Concen: 4.312 ng/ul

RT: 10.16 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

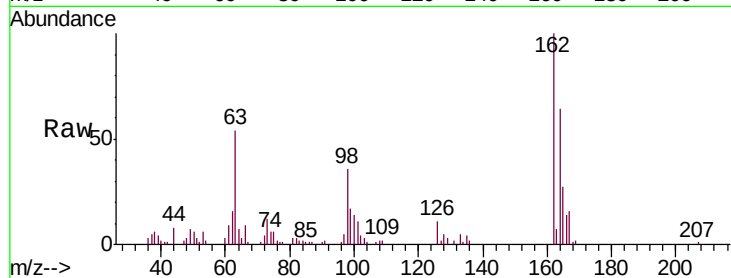
Tgt Ion:162 Resp: 58277

Ion Ratio Lower Upper

162 100

164 64.2 52.0 78.0

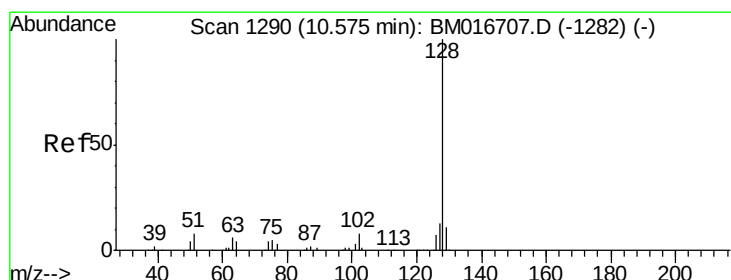
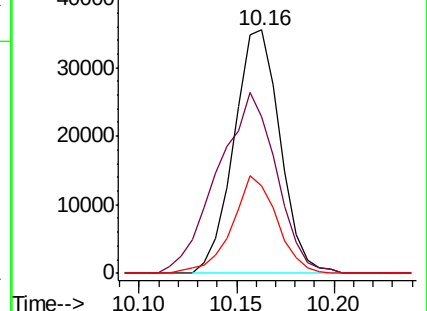
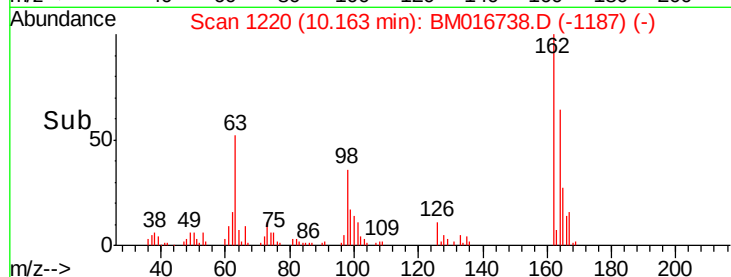
98 35.8 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 4.372 ng/ul

RT: 10.56 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

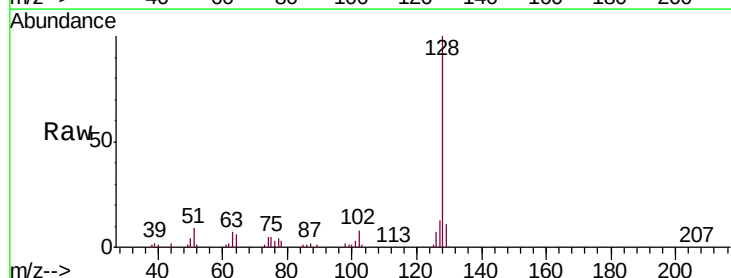
Tgt Ion:128 Resp: 208312

Ion Ratio Lower Upper

128 100

129 10.5 8.3 12.5

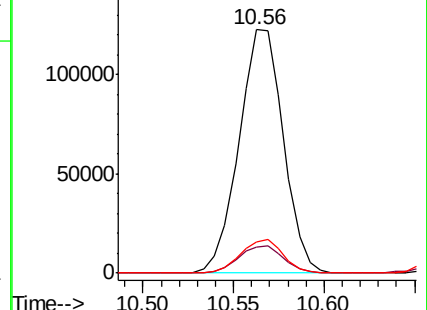
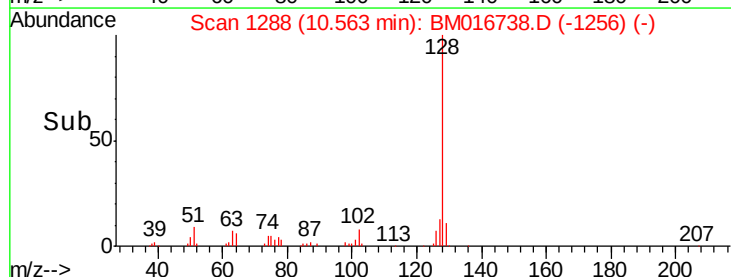
127 13.0 10.8 16.2

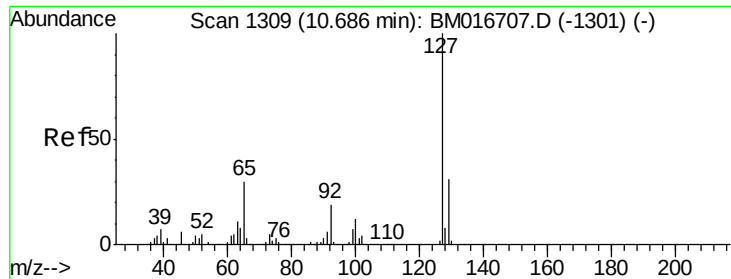


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

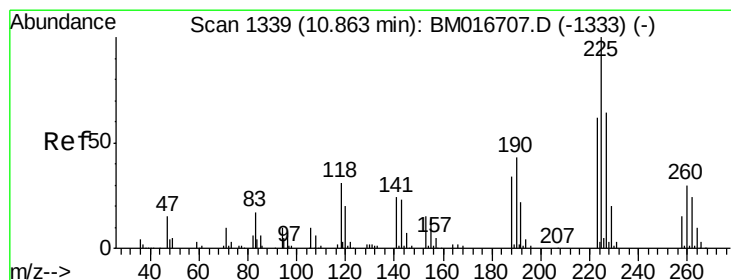
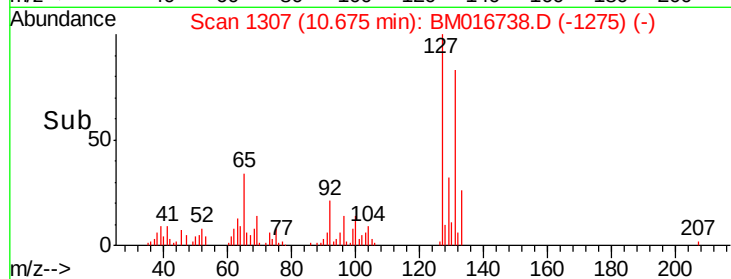
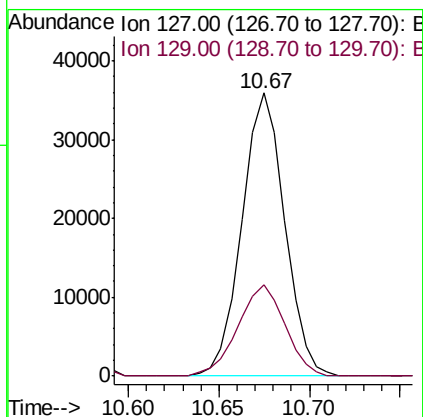
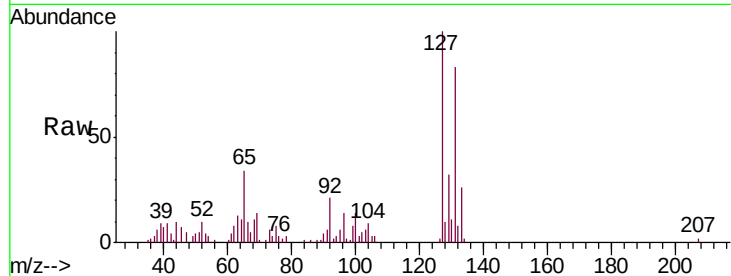




#30
4-Chloroaniline
Concen: 3.477 ng/ul
RT: 10.67 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

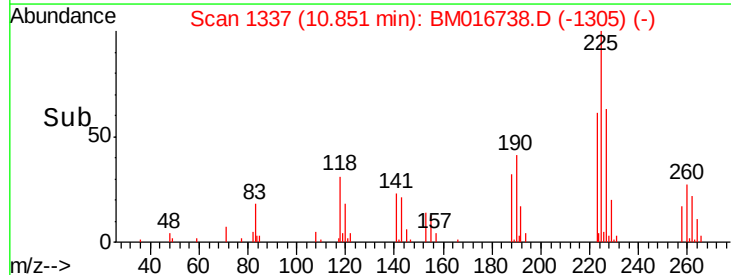
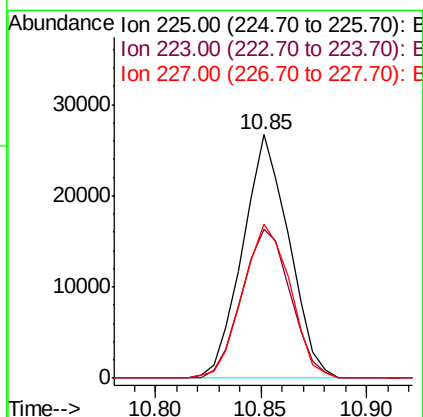
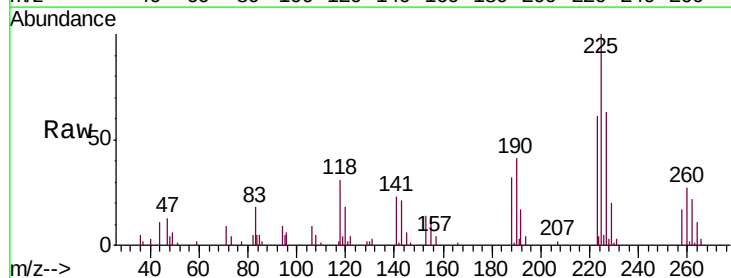
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-06

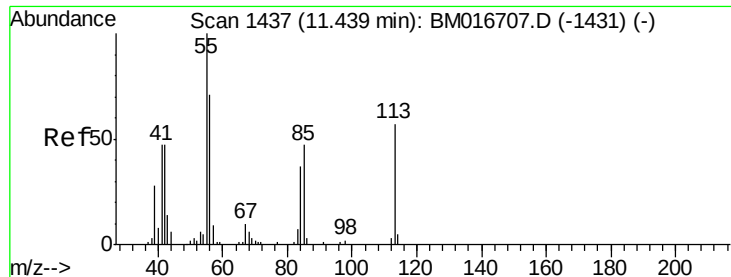
Tgt Ion:127 Resp: 59090
Ion Ratio Lower Upper
127 100
129 32.3 24.6 37.0



#31
Hexachlorobutadiene
Concen: 4.463 ng/ul
RT: 10.85 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

Tgt Ion:225 Resp: 40721
Ion Ratio Lower Upper
225 100
223 60.9 48.1 72.1
227 63.1 52.1 78.1





#32

Caprolactam

Concen: 3.166 ng/ul

RT: 11.45 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

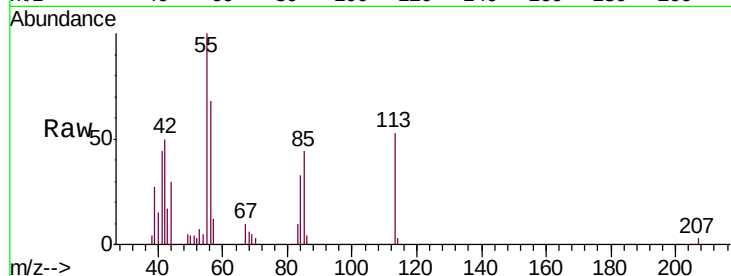
Tgt Ion:113 Resp: 13532

Ion Ratio Lower Upper

113 100

55 188.6 131.7 197.5

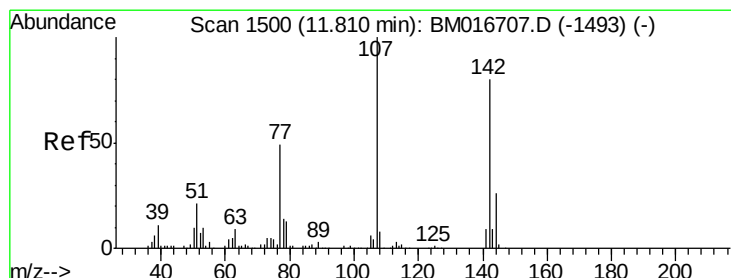
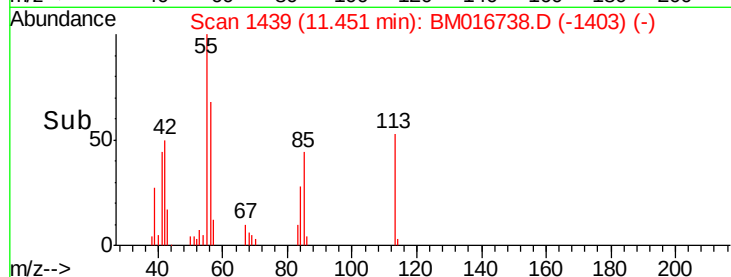
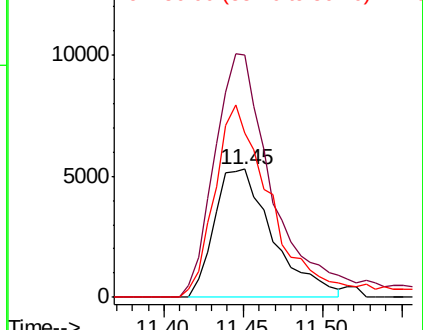
56 128.3 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 3.875 ng/ul

RT: 11.80 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

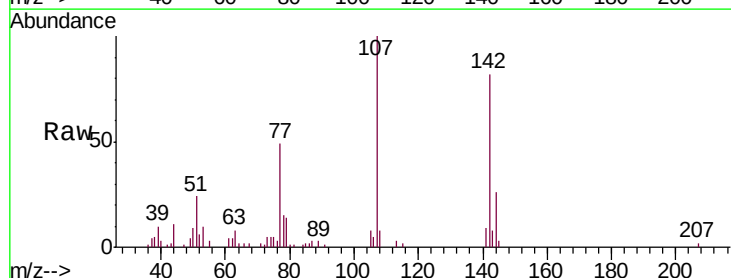
Tgt Ion:107 Resp: 54889

Ion Ratio Lower Upper

107 100

144 25.6 21.1 31.7

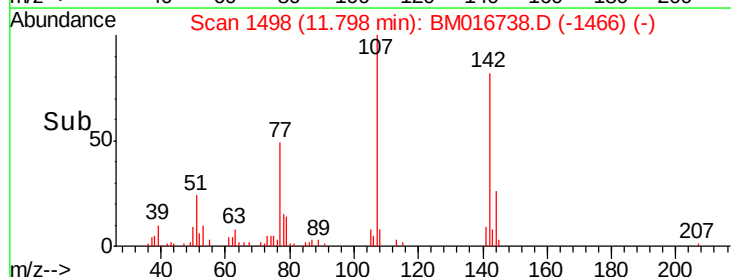
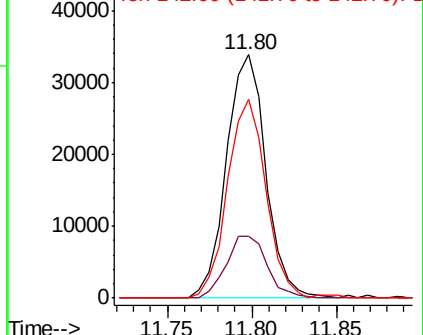
142 81.6 60.1 90.1

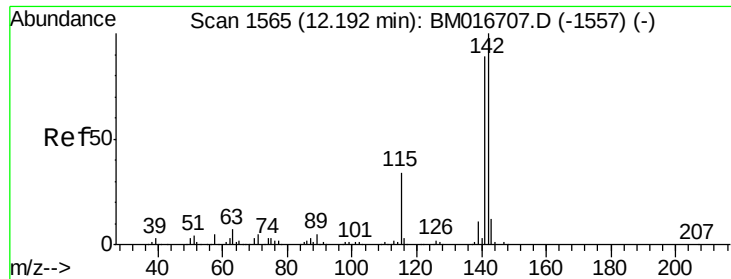


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

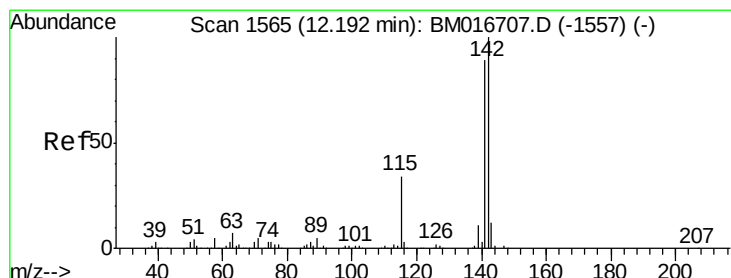
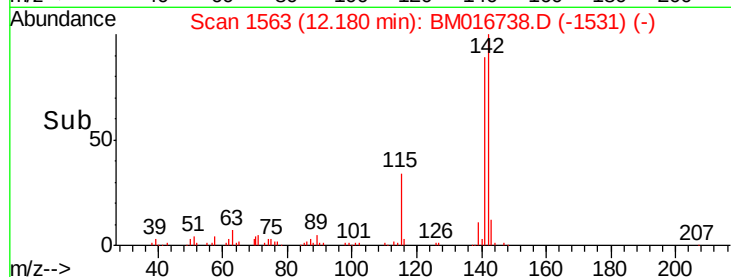
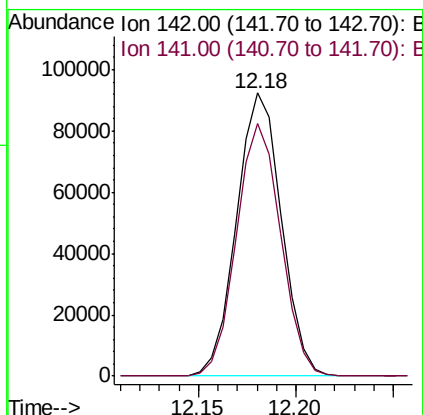
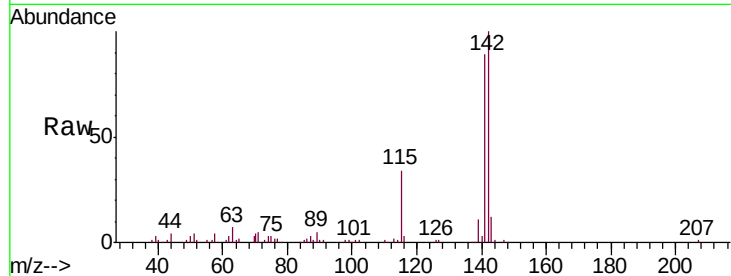




#34
 2-Methylnaphthalene
 Concen: 4.387 ng/ul
 RT: 12.18 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

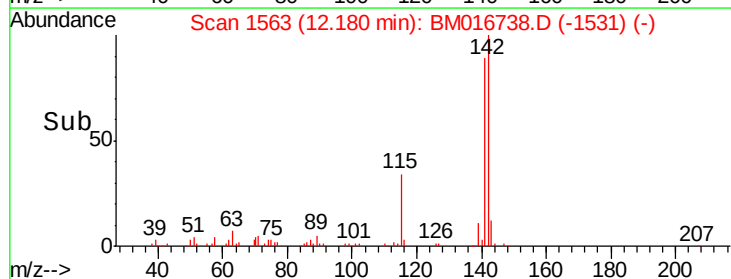
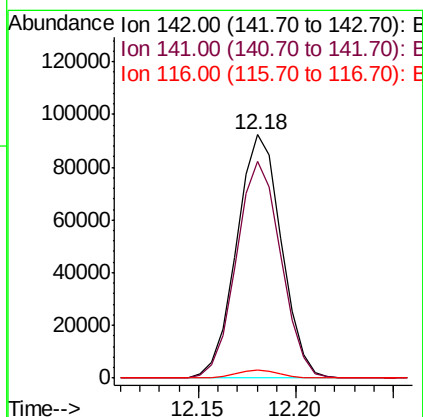
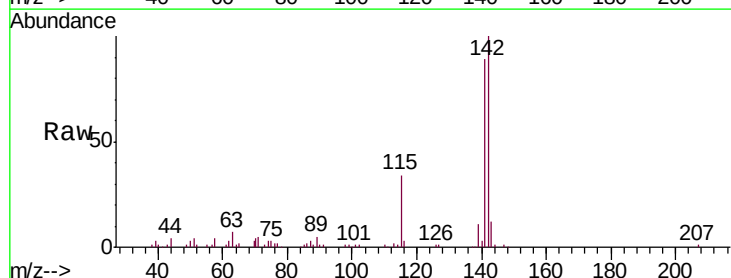
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-06

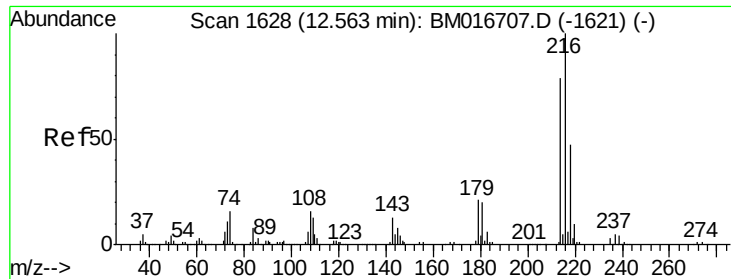
Tgt Ion:142 Resp: 147286
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 4.387 ng/ul
 RT: 12.18 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Tgt Ion:142 Resp: 147286
 Ion Ratio Lower Upper
 142 100
 141 89.2 76.6 115.0
 116 3.1 3.6 5.4#

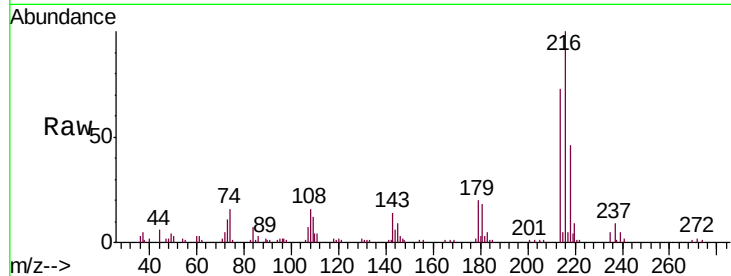




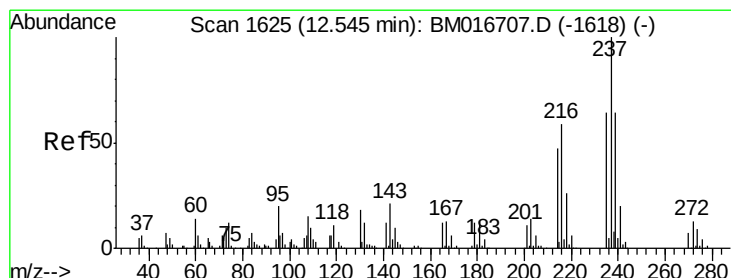
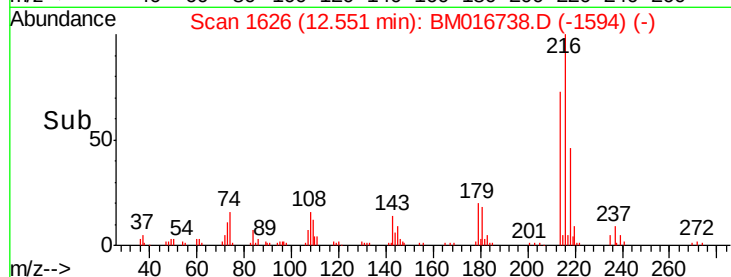
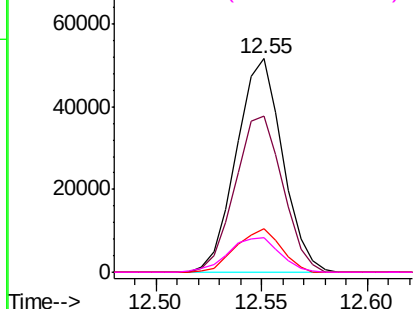
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.551 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-06

Tgt Ion:	216	Resp:	78485
Ion	Ratio	Lower	Upper
216	100		
214	73.0	64.1	96.1
179	20.4	14.5	21.7
108	16.2	10.4	15.6#

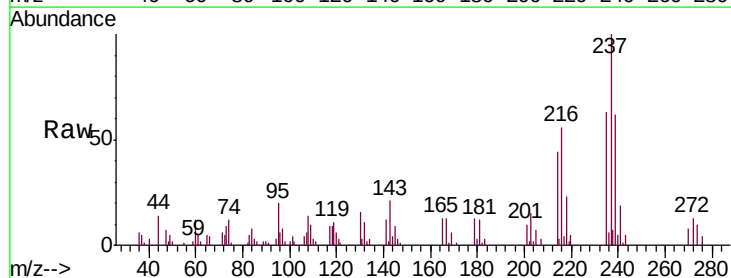


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

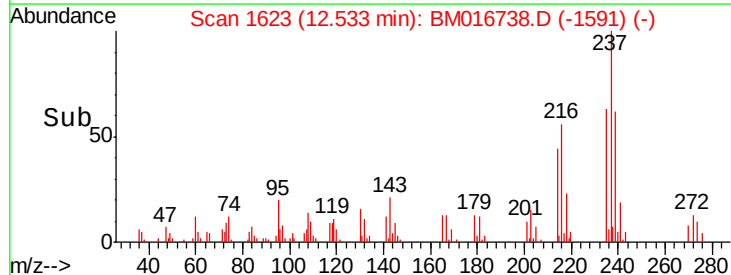
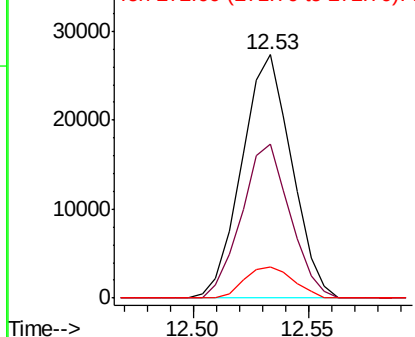


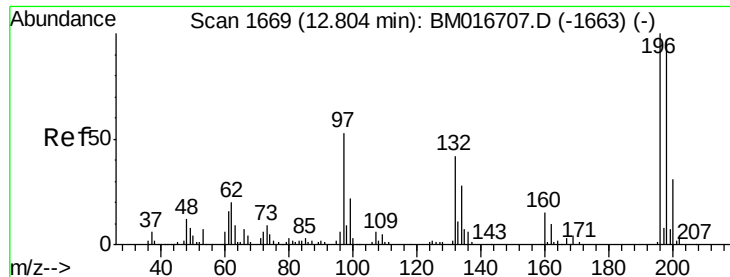
#38
 Hexachlorocyclopentadiene
 Concen: 3.840 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Tgt Ion:	237	Resp:	41231
Ion	Ratio	Lower	Upper
237	100		
235	63.4	49.5	74.3
272	12.7	8.6	12.8



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

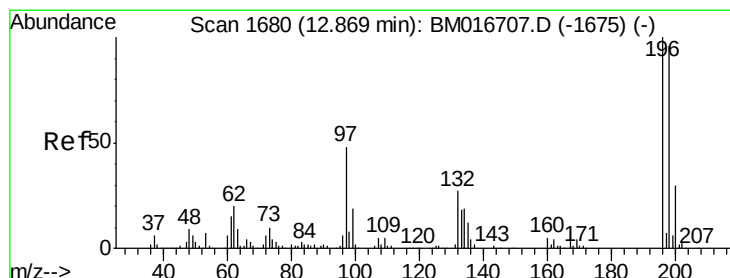
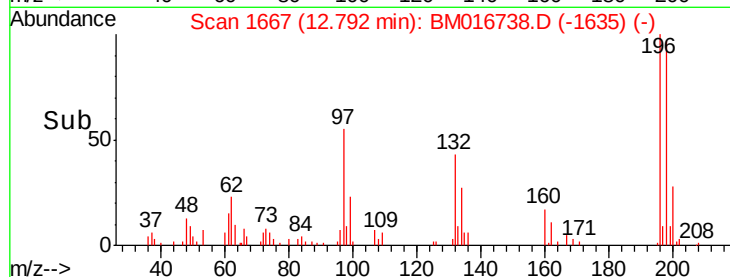
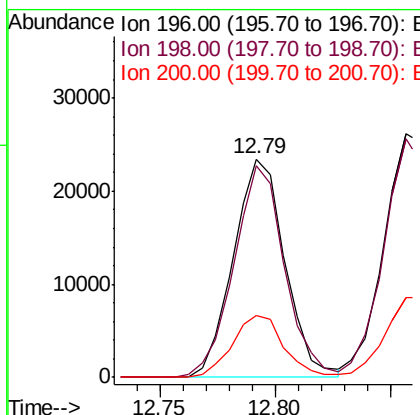
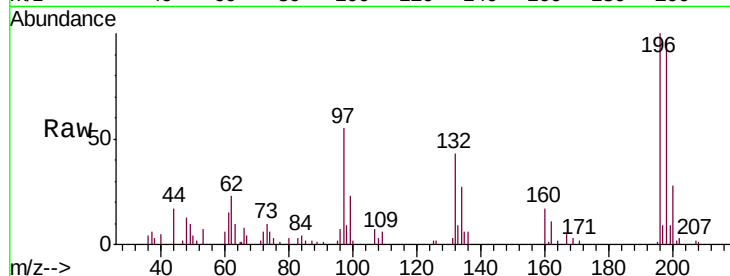




#39
 2,4,6-Trichlorophenol
 Concen: 3.715 ng/ul
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

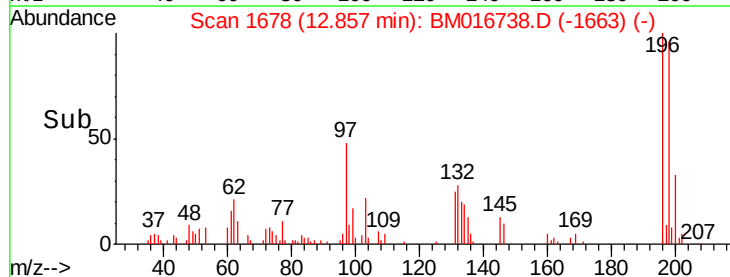
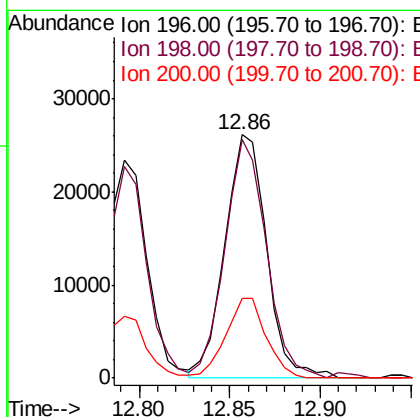
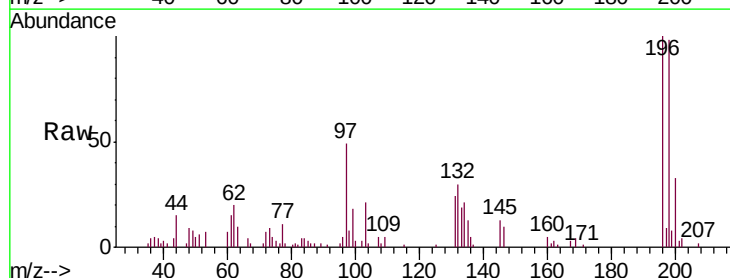
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-06

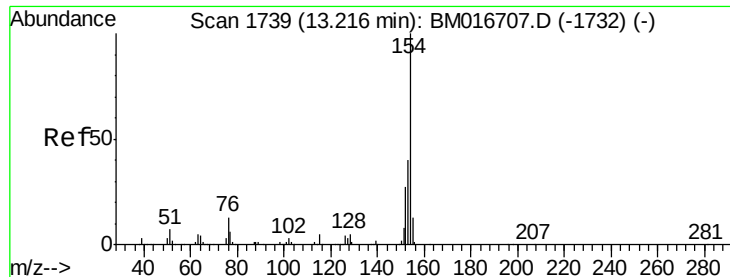
Tgt Ion:196 Resp: 36482
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.9 113.9
 200 28.2 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 3.926 ng/ul
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Tgt Ion:196 Resp: 42068
 Ion Ratio Lower Upper
 196 100
 198 98.0 74.7 112.1
 200 32.7 25.4 38.0

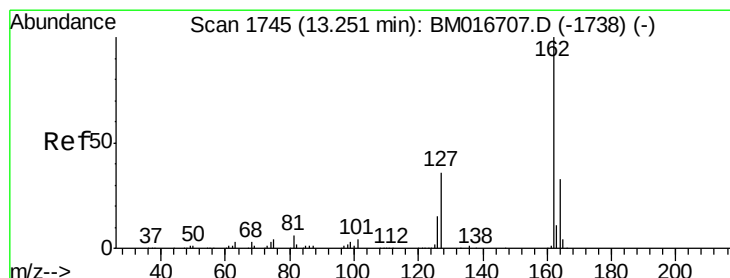
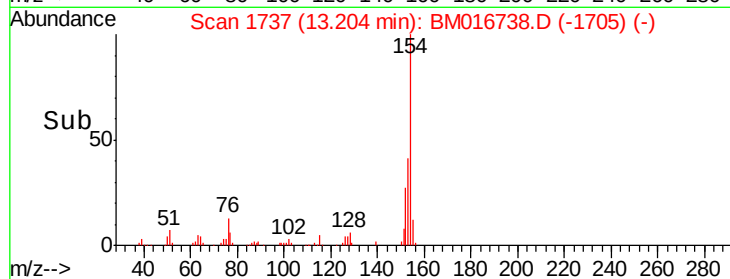
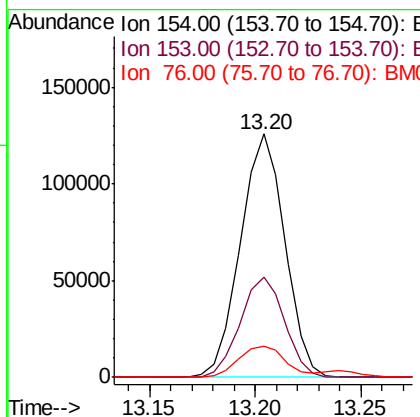
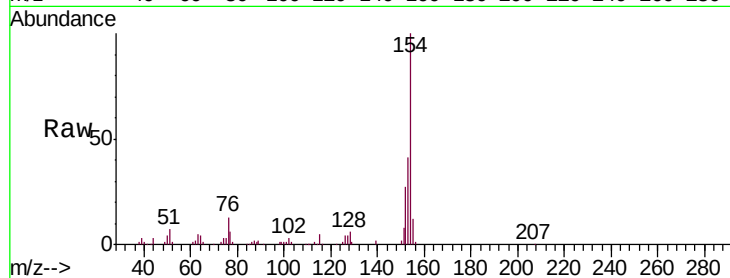




#41
1,1'-Biphenyl
Concen: 4.403 ng/ul
RT: 13.20 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

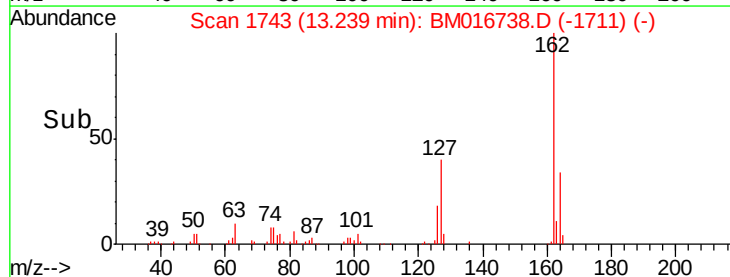
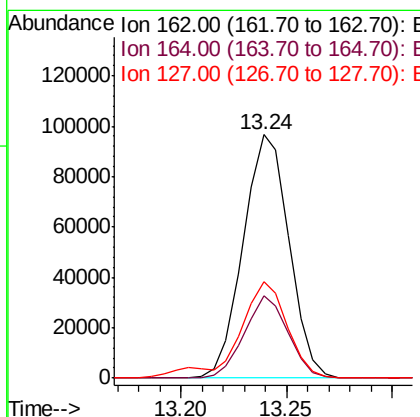
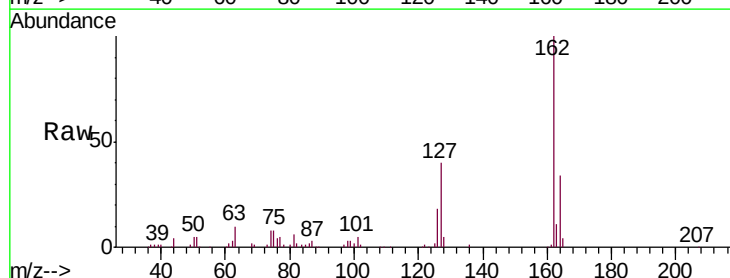
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-06

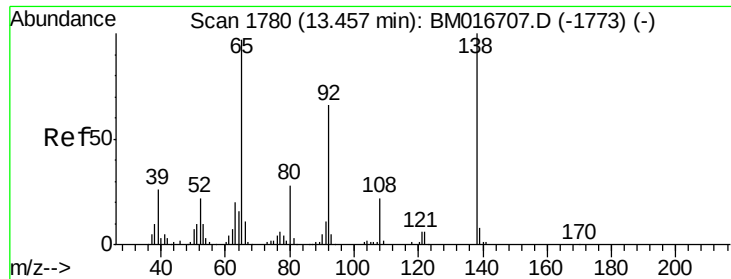
Tgt Ion:	154	Resp:	183900
Ion	Ratio	Lower	Upper
154	100		
153	41.1	34.0	51.0
76	12.6	8.4	12.6



#42
2-Chloronaphthalene
Concen: 4.470 ng/ul
RT: 13.24 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

Tgt Ion:	162	Resp:	146114
Ion	Ratio	Lower	Upper
162	100		
164	33.6	26.2	39.4
127	39.8	29.5	44.3

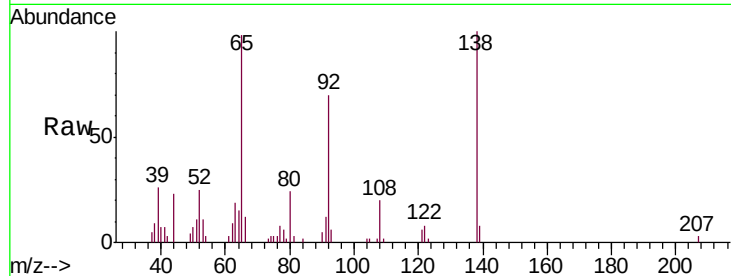




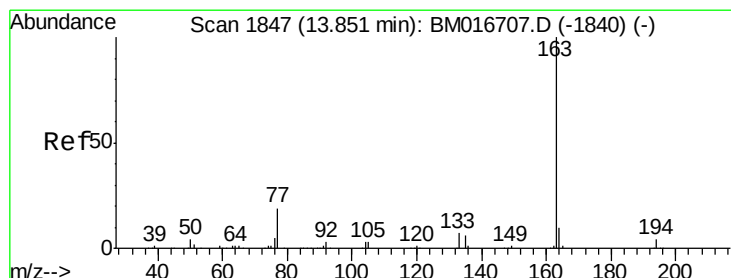
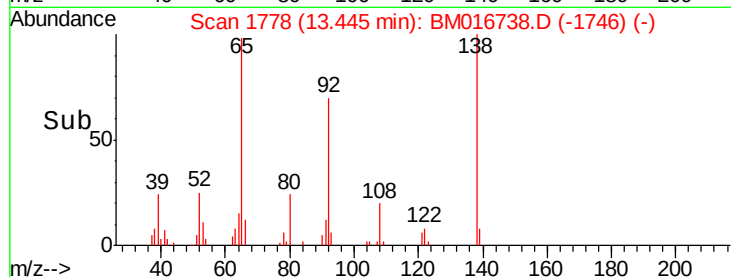
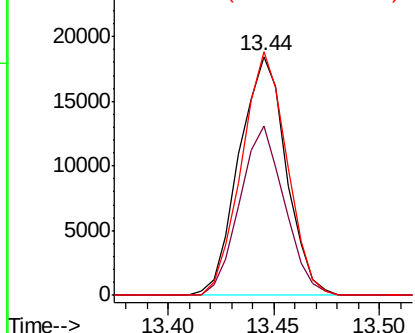
#43
2-Nitroaniline
Concen: 3.965 ng/ul
RT: 13.44 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-06

Tgt Ion: 65 Resp: 28554
Ion Ratio Lower Upper
65 100
92 71.0 57.0 85.4
138 101.9 87.2 130.8

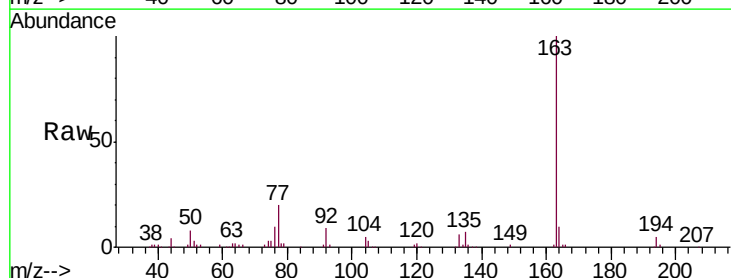


Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

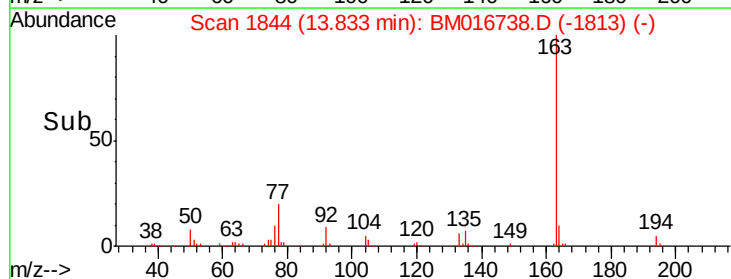
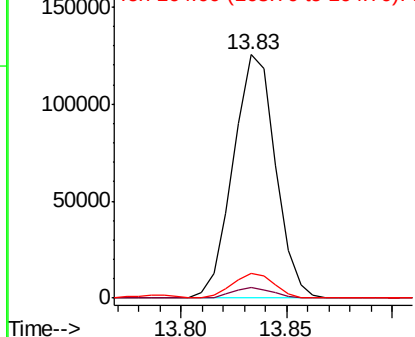


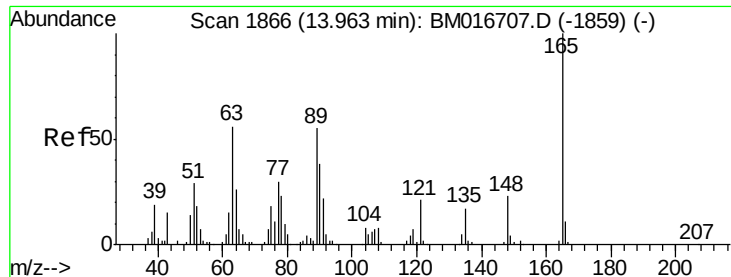
#45
Dimethylphthalate
Concen: 4.429 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

Tgt Ion: 163 Resp: 174525
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 10.3 8.4 12.6



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

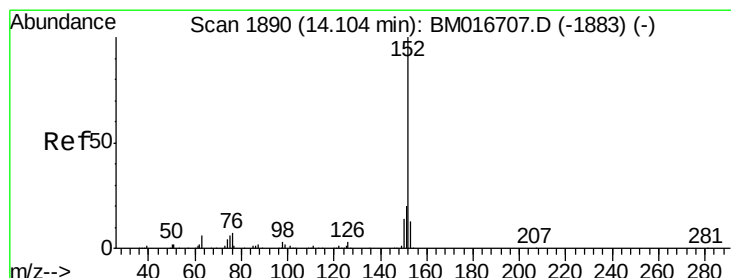
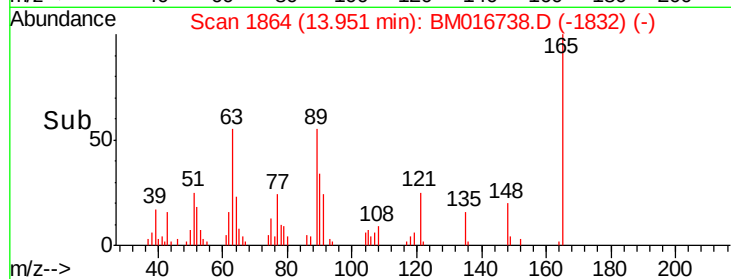
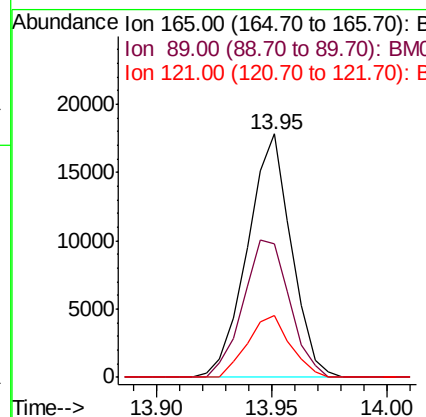
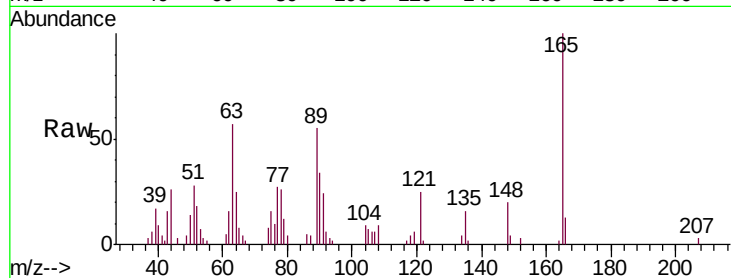




#46
 2,6-Dinitrotoluene
 Concen: 3.896 ng/ul
 RT: 13.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

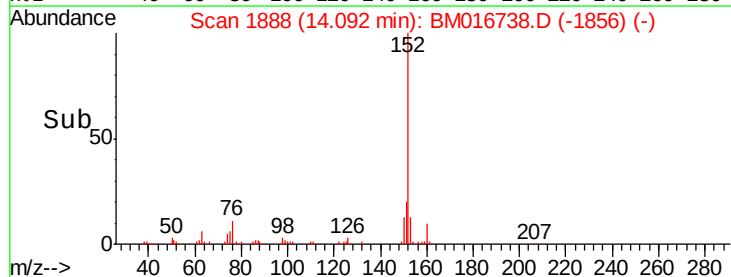
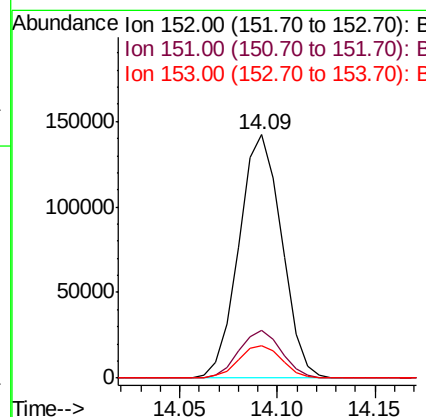
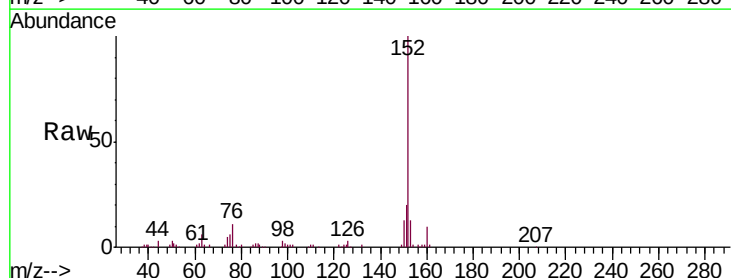
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-06

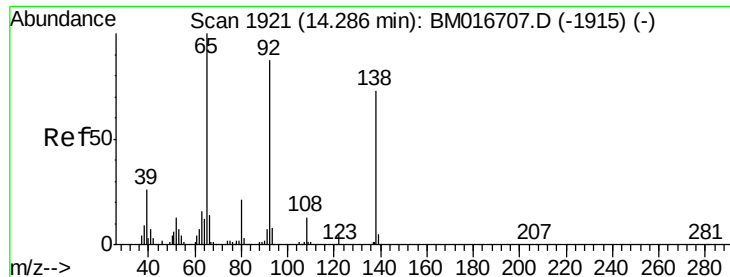
Tgt Ion	Ratio	Lower	Upper
165	100		
89	54.8	43.8	65.8
121	25.3	17.8	26.6



#48
 Acenaphthylene
 Concen: 4.397 ng/ul
 RT: 14.09 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.4	10.8	16.2





#49

3-Nitroaniline

Concen: 3.464 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

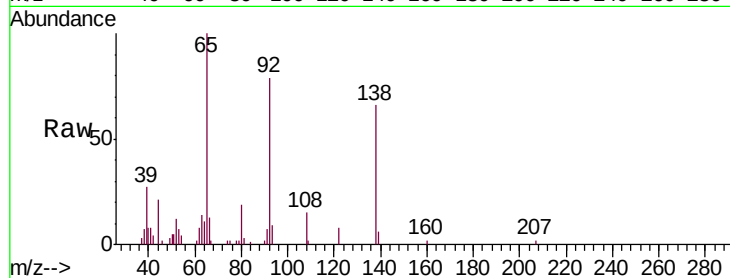
Tgt Ion:138 Resp: 22794

Ion Ratio Lower Upper

138 100

108 22.5 7.6 11.4#

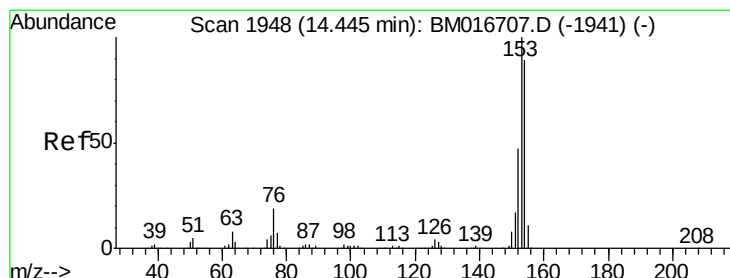
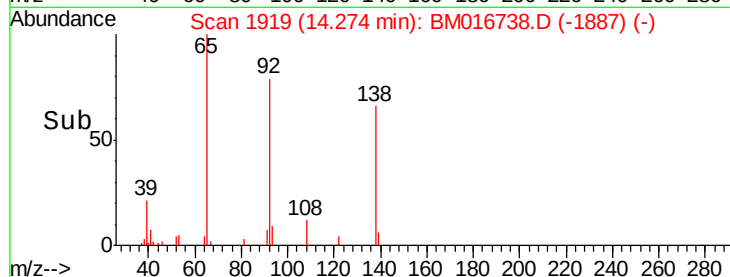
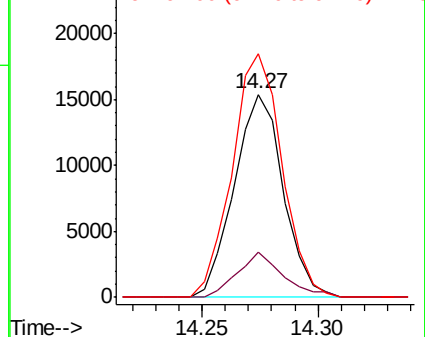
92 120.1 94.2 141.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#50

Acenaphthene

Concen: 4.442 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

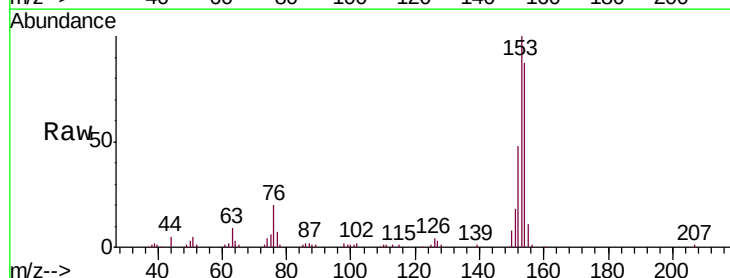
Tgt Ion:153 Resp: 155427

Ion Ratio Lower Upper

153 100

152 48.1 37.9 56.9

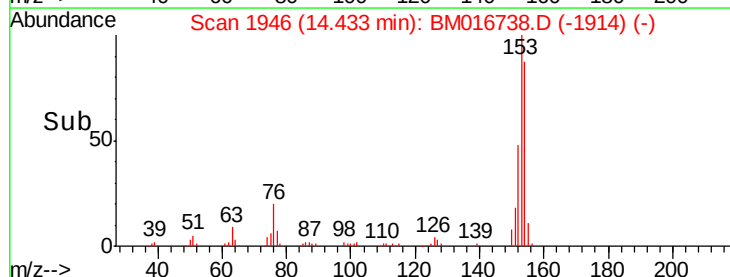
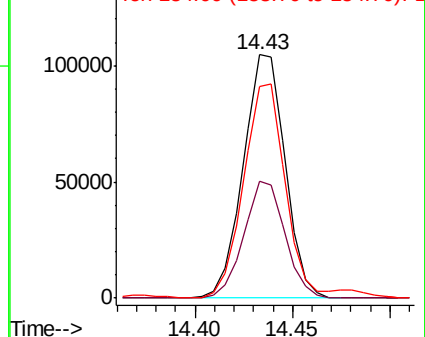
154 86.9 69.8 104.6

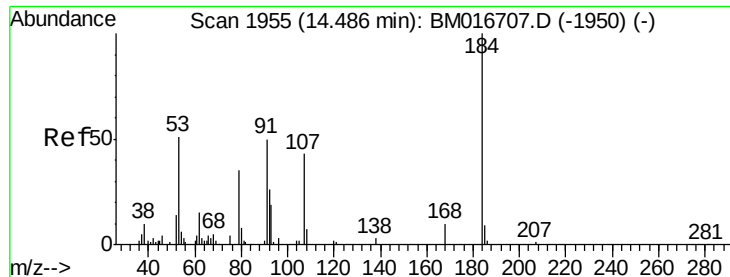


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

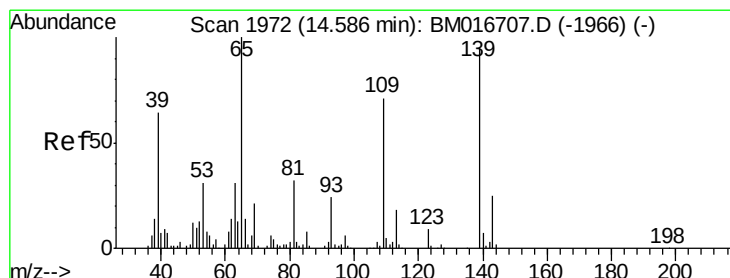
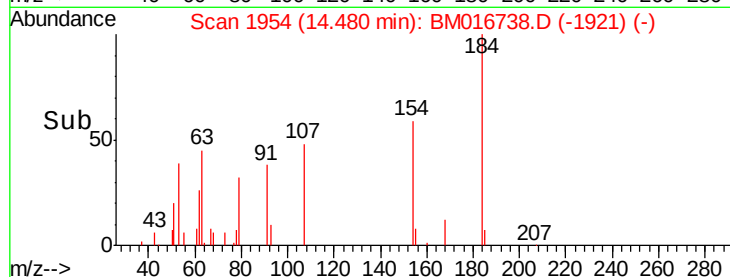
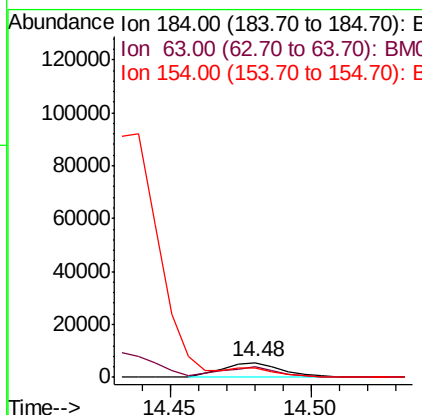
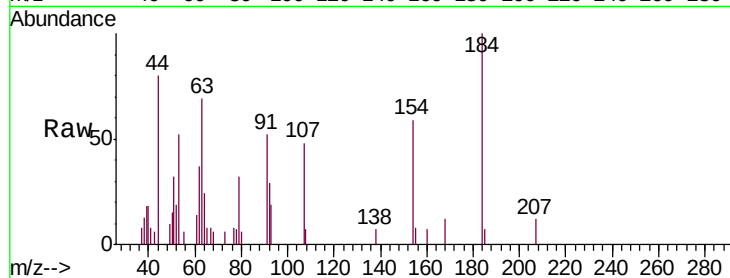




#51
 2,4-Dinitrophenol
 Concen: 2.993 ng/ul
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

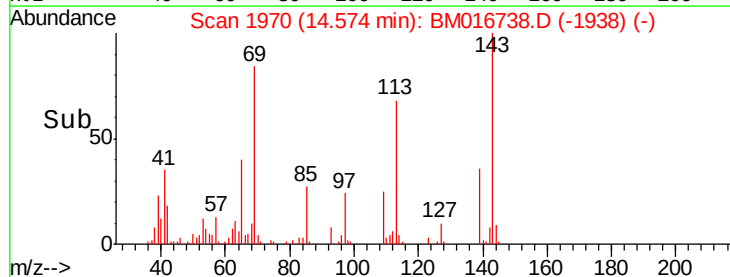
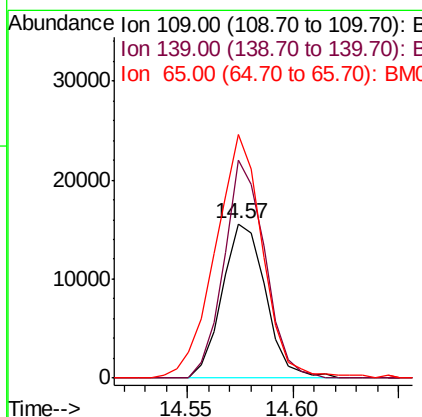
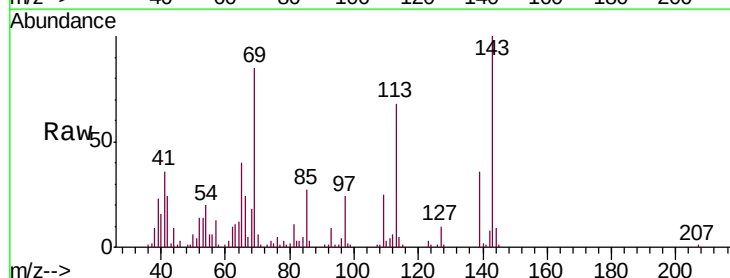
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-06

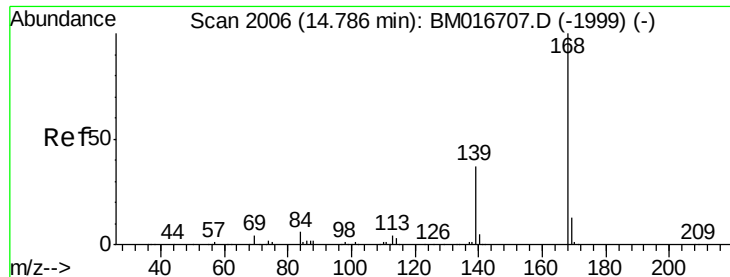
Tgt Ion:184 Resp: 8102
 Ion Ratio Lower Upper
 184 100
 63 69.2 39.7 59.5#
 154 59.0 45.0 67.6



#53
 4-Nitrophenol
 Concen: 4.359 ng/ul
 RT: 14.57 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Tgt Ion:109 Resp: 22227
 Ion Ratio Lower Upper
 109 100
 139 141.2 91.2 136.8#
 65 157.9 92.6 139.0#





#54

Dibenzenofuran

Concen: 4.433 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

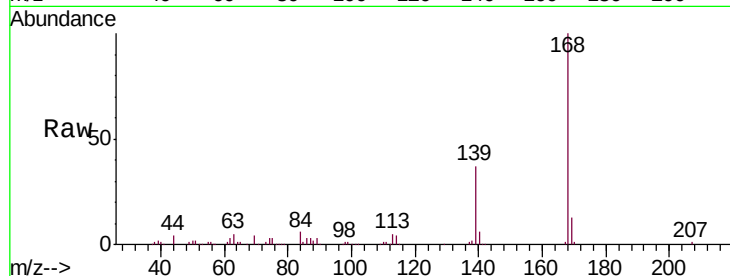
MDL-S-ME-06

Tgt Ion:168 Resp: 212840

Ion Ratio Lower Upper

168 100

139 37.4 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

150000

100000

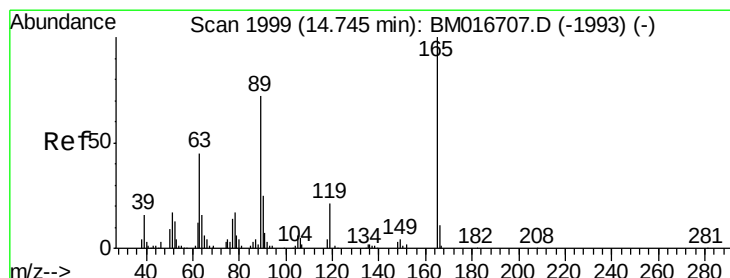
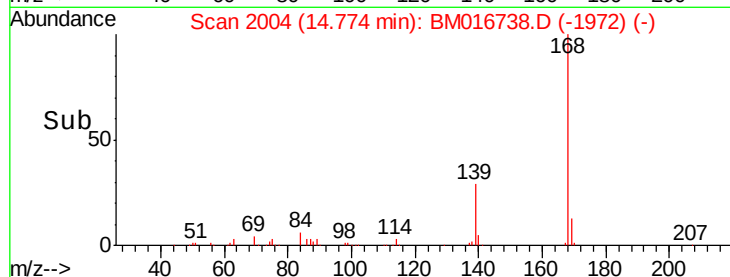
50000

0

14.75

14.80

Time-->



#55

2,4-Dinitrotoluene

Concen: 3.986 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

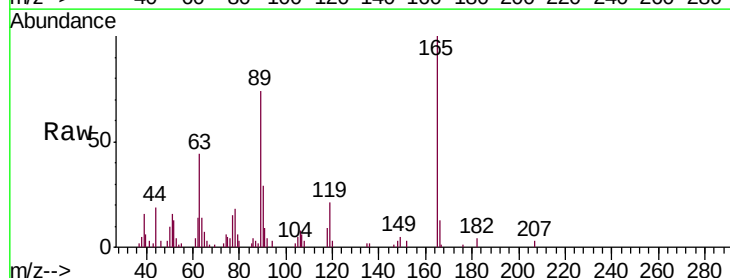
Tgt Ion:165 Resp: 35469

Ion Ratio Lower Upper

165 100

63 43.8 31.4 47.0

182 3.8 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

30000

20000

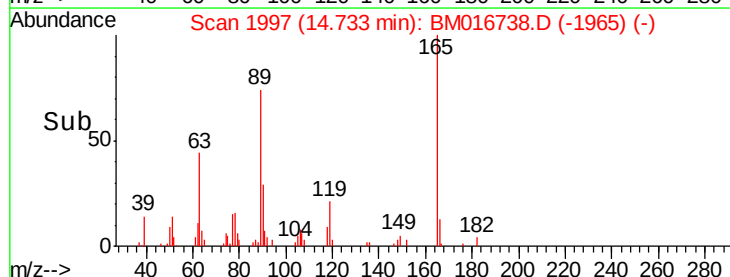
10000

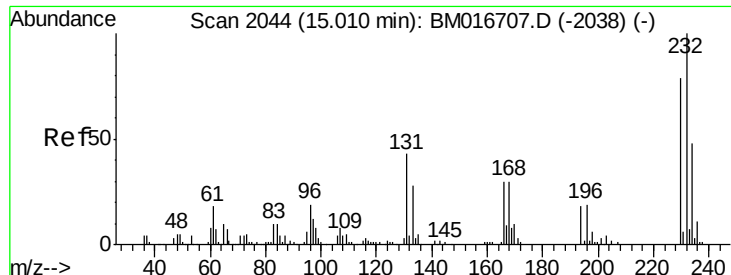
0

14.70

14.75

Time-->

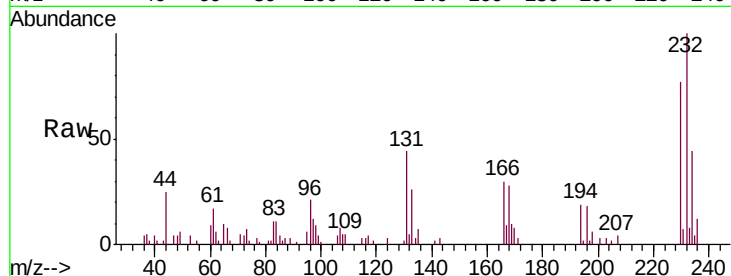




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.675 ng/ul
 RT: 15.00 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.5	27.1	40.7#
130	1.9	0.0	0.0#
166	30.2	20.0	30.0#



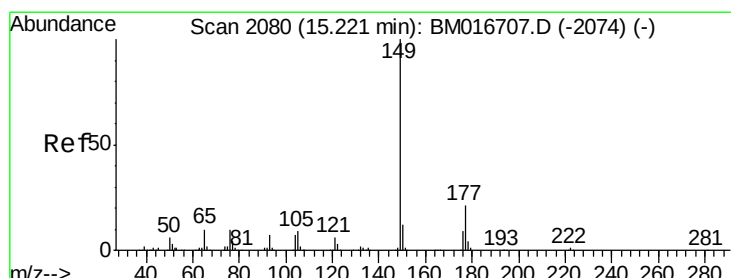
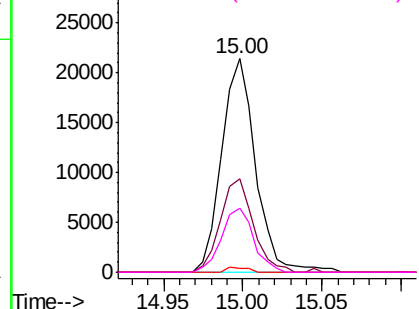
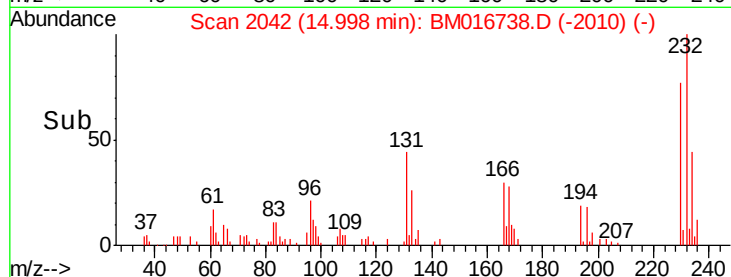
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

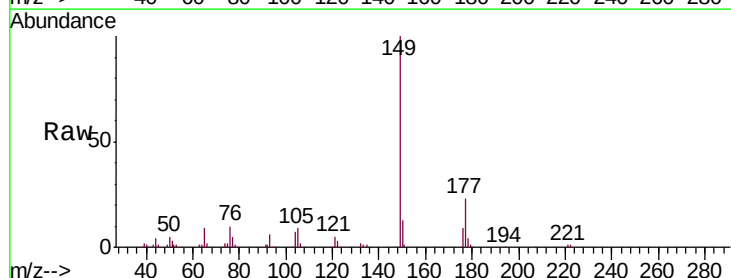
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57
 Diethylphthalate
 Concen: 4.167 ng/ul
 RT: 15.21 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.3	28.9
150	12.6	10.6	15.8

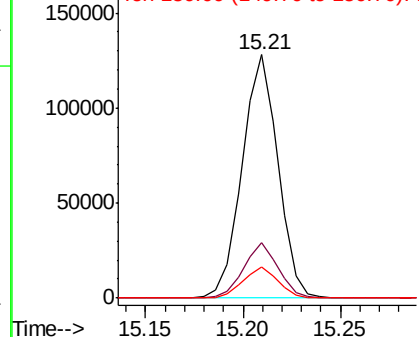
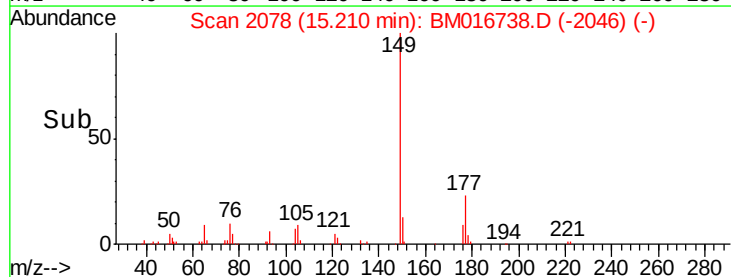


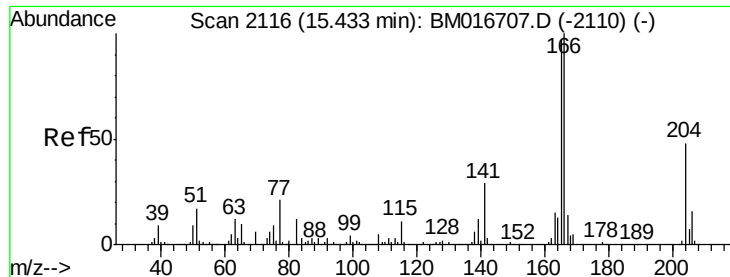
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 4.417 ng/ul

RT: 15.42 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

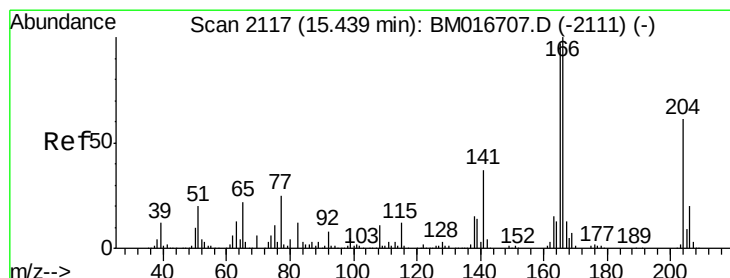
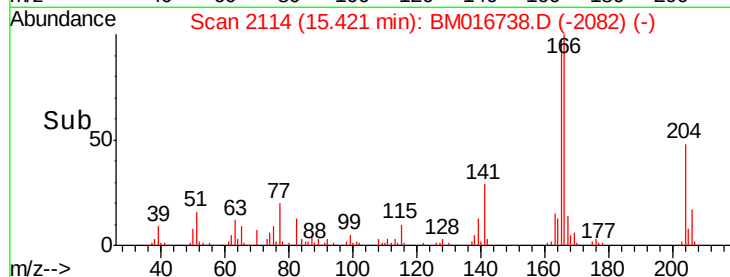
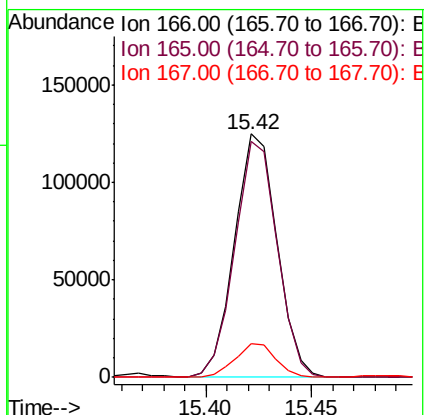
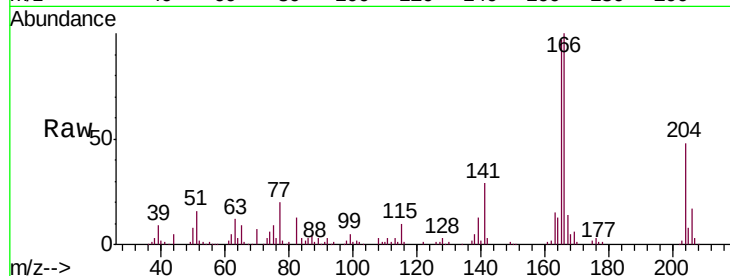
Tgt Ion:166 Resp: 174223

Ion Ratio Lower Upper

166 100

165 96.7 78.4 117.6

167 13.9 11.1 16.7



#60

4-Chlorophenyl-phenylether

Concen: 4.483 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

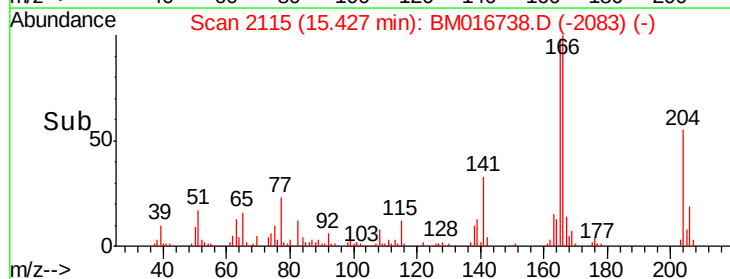
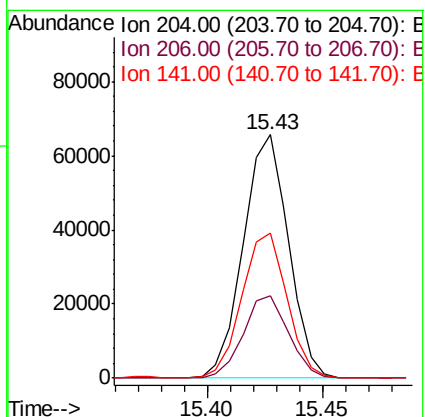
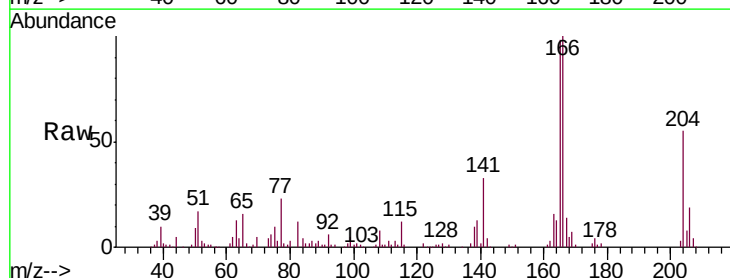
Tgt Ion:204 Resp: 89655

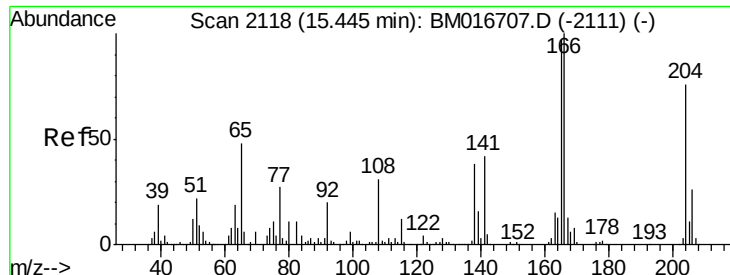
Ion Ratio Lower Upper

204 100

206 33.8 26.6 40.0

141 59.6 40.7 61.1

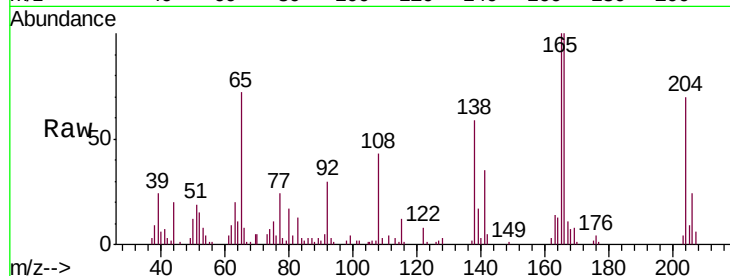




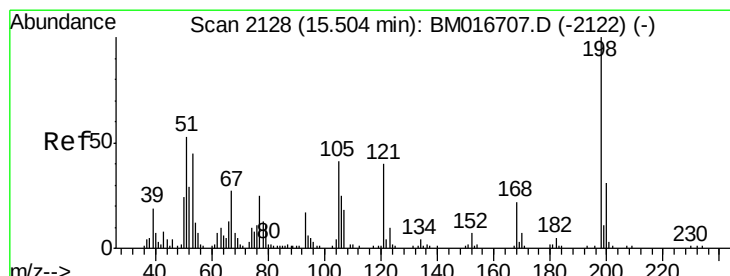
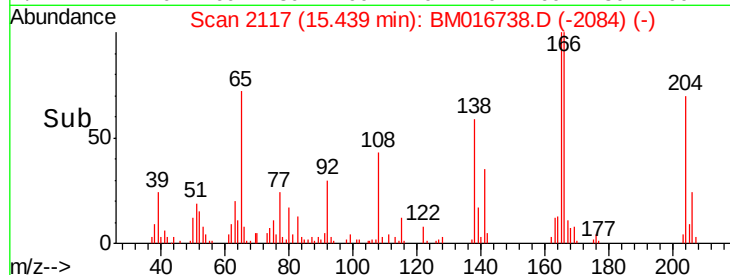
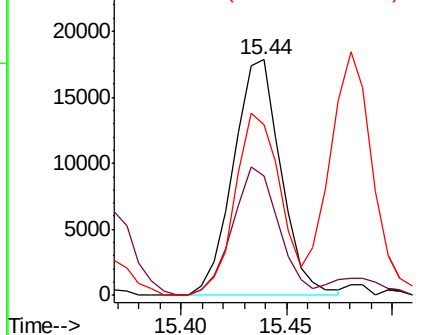
#61
 4-Nitroaniline
 Concen: 3.455 ng/ul
 RT: 15.44 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-06

Tgt Ion:138 Resp: 27929
 Ion Ratio Lower Upper
 138 100
 92 50.8 38.2 57.4
 108 72.5 70.0 105.0

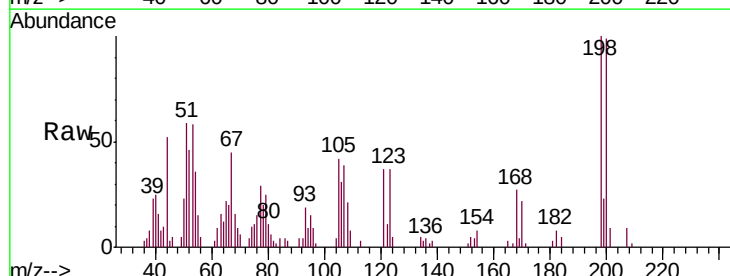


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM
 Ion 108.00 (107.70 to 108.70): E

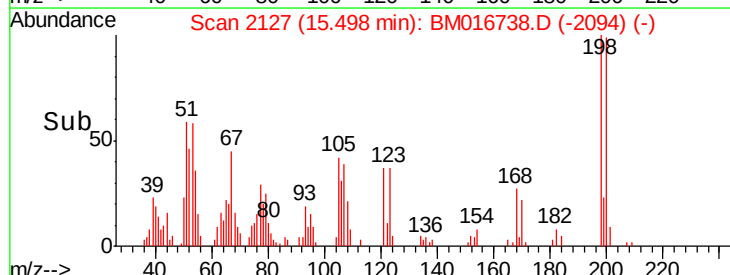
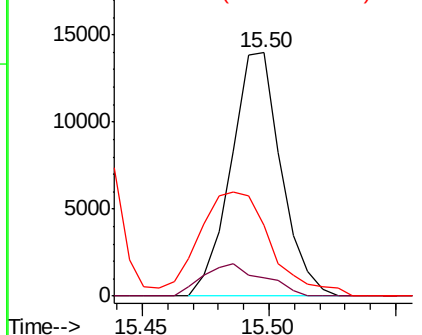


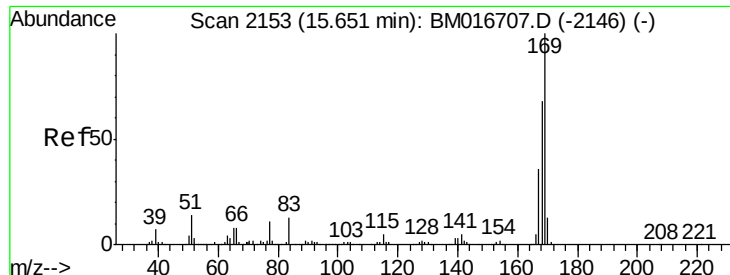
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.800 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Tgt Ion:198 Resp: 19267
 Ion Ratio Lower Upper
 198 100
 182 7.5 3.5 5.3#
 77 29.2 18.2 27.4#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM



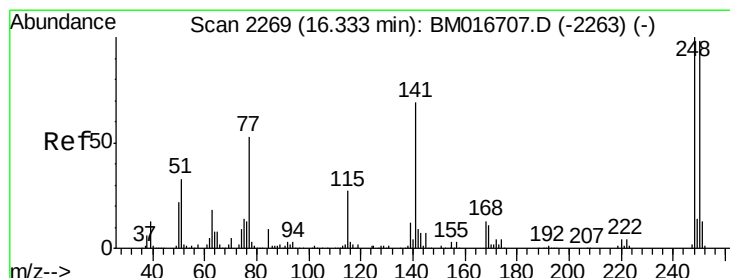
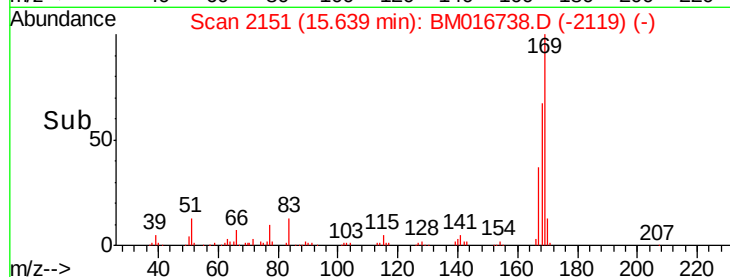
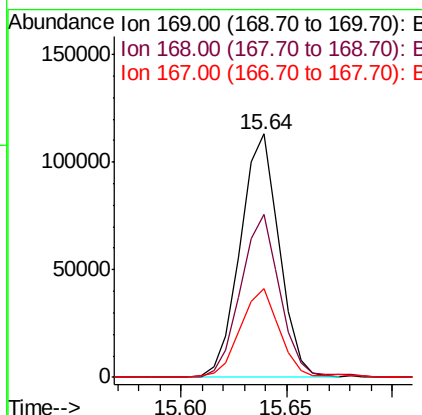
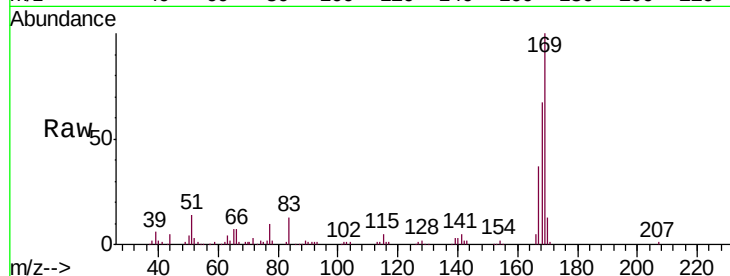


#65

N-Nitrosodiphenylamine
Concen: 4.245 ng/ul
RT: 15.64 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-06

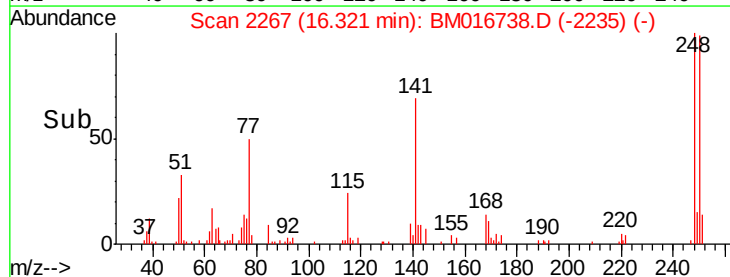
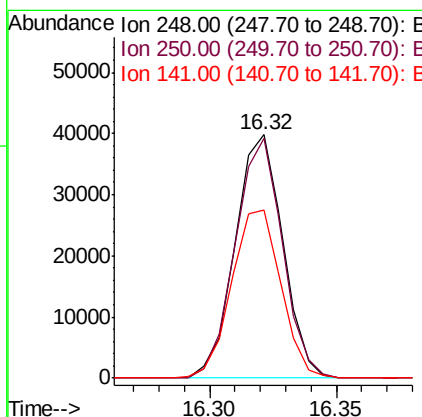
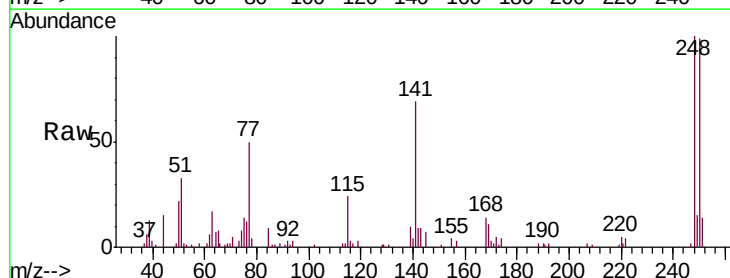
Tgt Ion	Resp	Lower	Upper
169	144656		
168	67.0	53.8	80.8
167	36.6	29.5	44.3

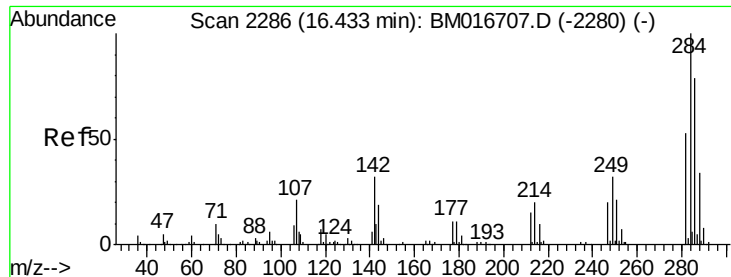


#66

4-Bromophenyl-phenylether
Concen: 4.171 ng/ul
RT: 16.32 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM016738.D
Acq: 12 Sep 2018 00:32

Tgt Ion	Resp	Lower	Upper
248	51979		
250	98.7	79.0	118.4
141	68.9	51.9	77.9





#67

Hexachlorobenzene

Concen: 4.377 ng/ul

RT: 16.42 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

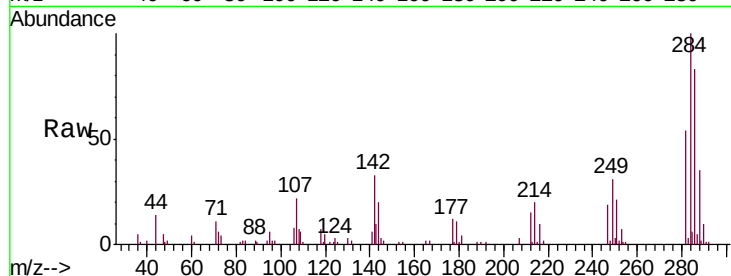
Tgt Ion:284 Resp: 58702

Ion Ratio Lower Upper

284 100

142 32.5 21.3 31.9#

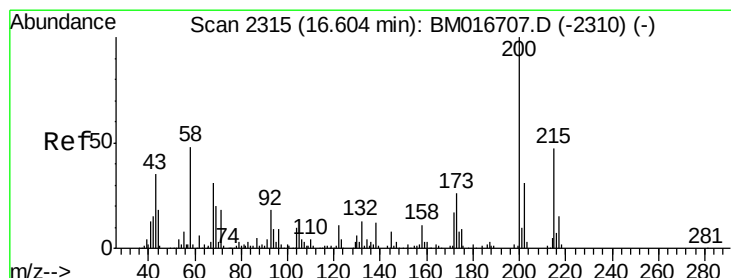
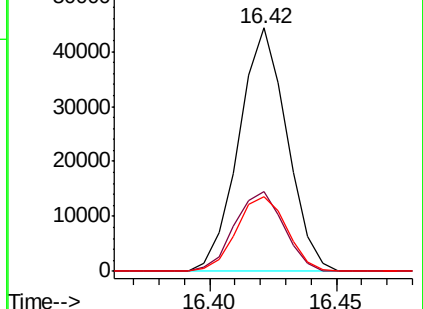
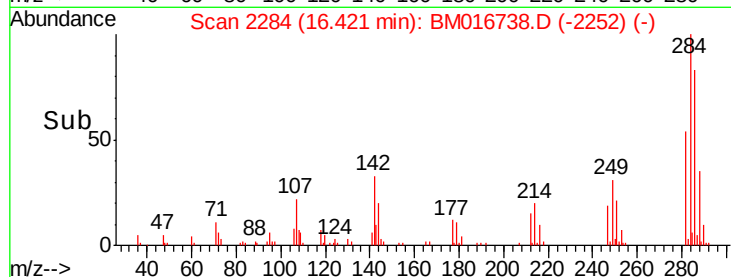
249 30.5 26.3 39.5



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 3.686 ng/ul

RT: 16.59 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

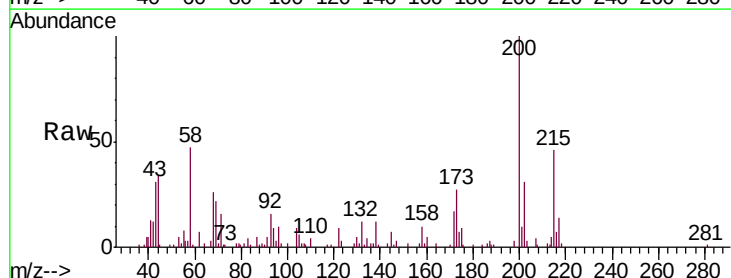
Tgt Ion:200 Resp: 44386

Ion Ratio Lower Upper

200 100

173 27.3 20.6 31.0

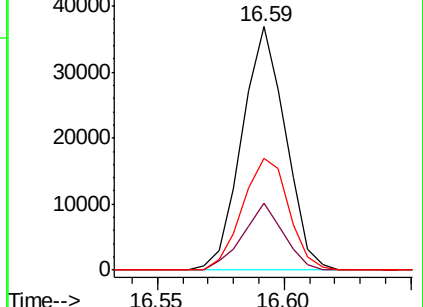
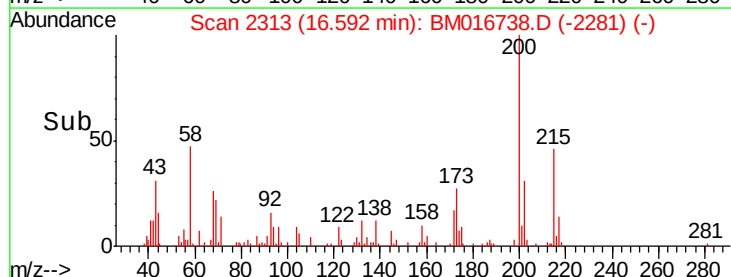
215 45.9 39.8 59.6

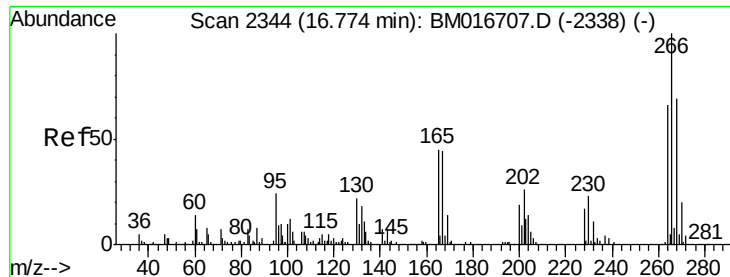


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 3.021 ng/ul

RT: 16.77 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

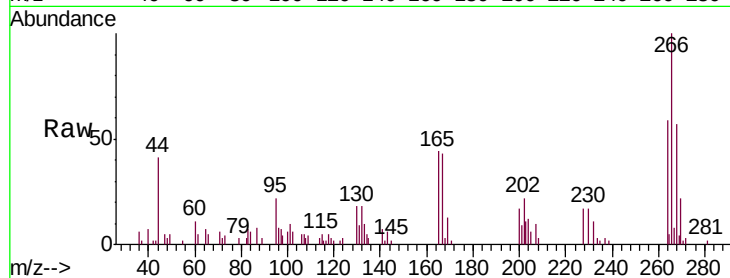
Tgt Ion:266 Resp: 21911

Ion Ratio Lower Upper

266 100

264 59.4 48.2 72.4

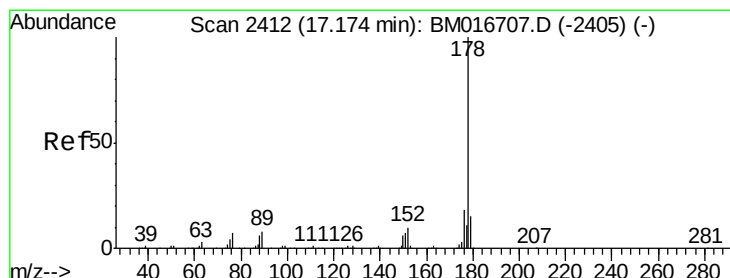
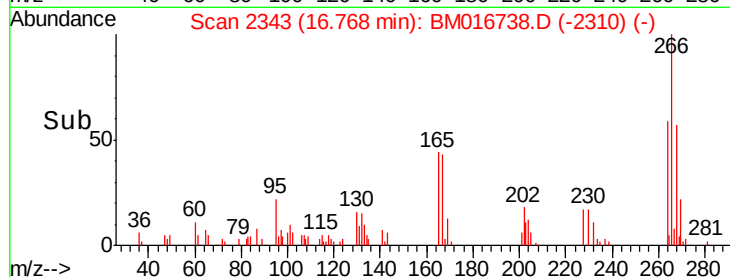
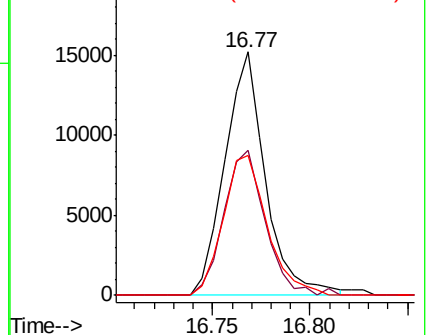
268 57.3 52.3 78.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 4.531 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

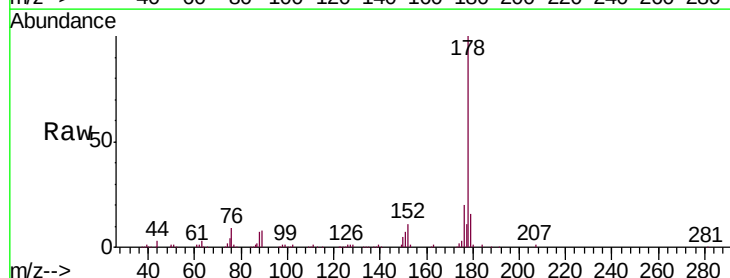
Tgt Ion:178 Resp: 277235

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

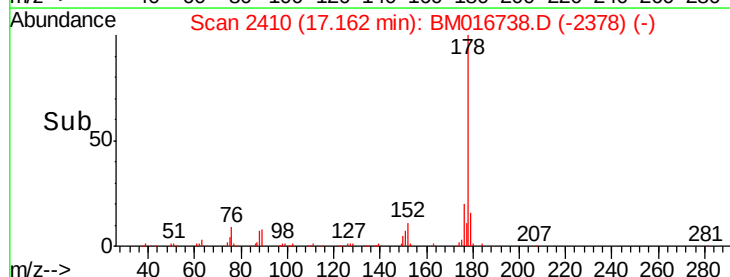
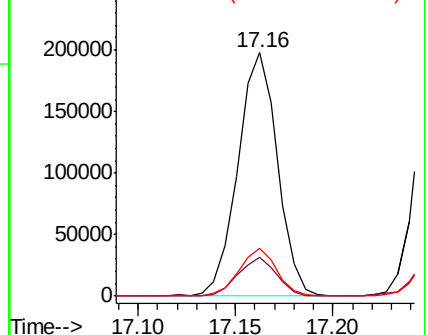
176 19.5 15.4 23.0

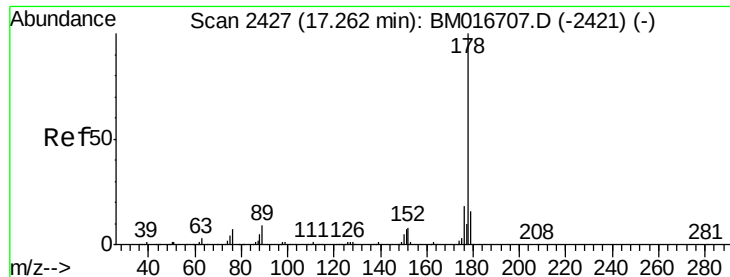


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.458 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-06

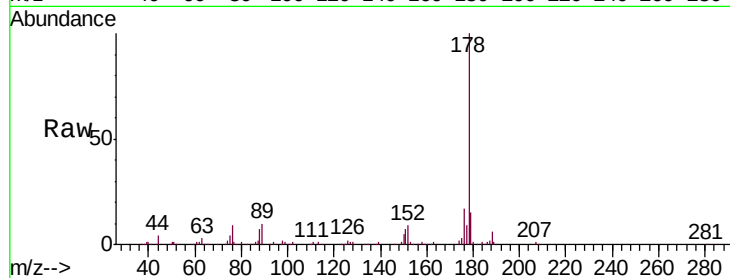
Tgt Ion:178 Resp: 280015

Ion Ratio Lower Upper

178 100

179 15.3 13.4 20.2

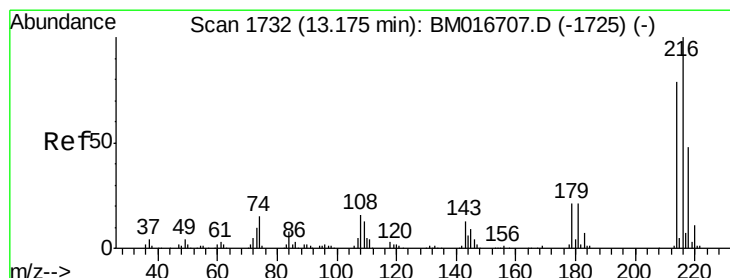
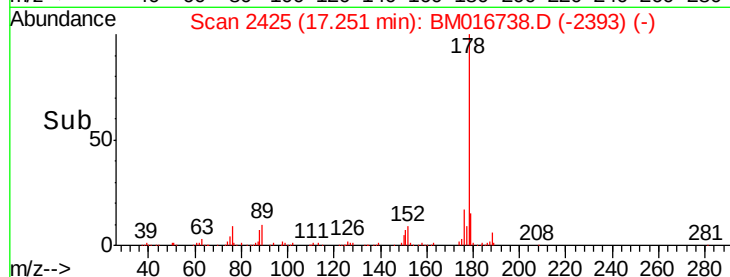
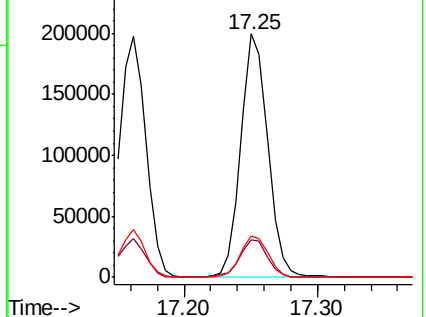
176 17.2 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.413 ng/uL

RT: 13.16 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM016738.D

Acq: 12 Sep 2018 00:32

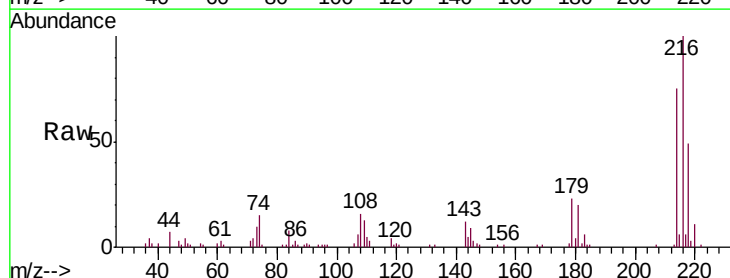
Tgt Ion:216 Resp: 80448

Ion Ratio Lower Upper

216 100

214 74.9 64.1 96.1

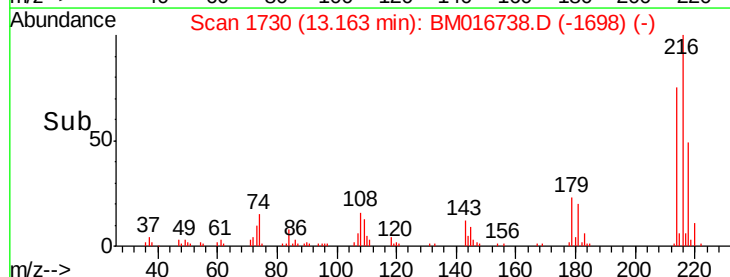
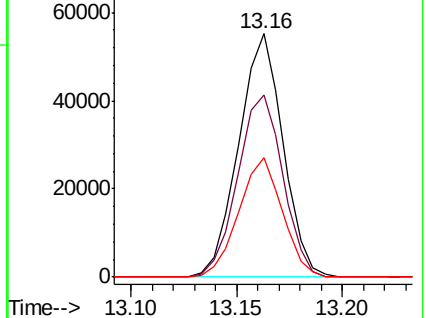
218 49.3 39.4 59.0

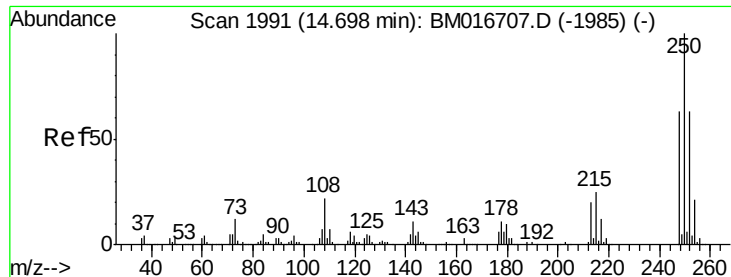


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

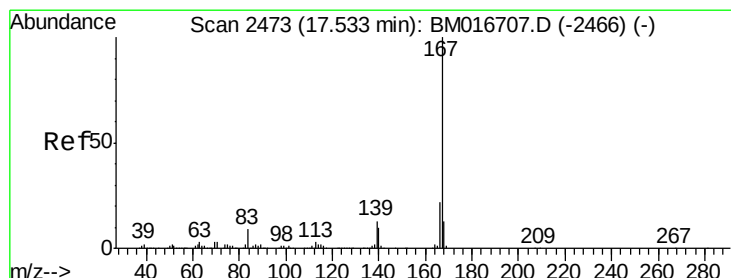
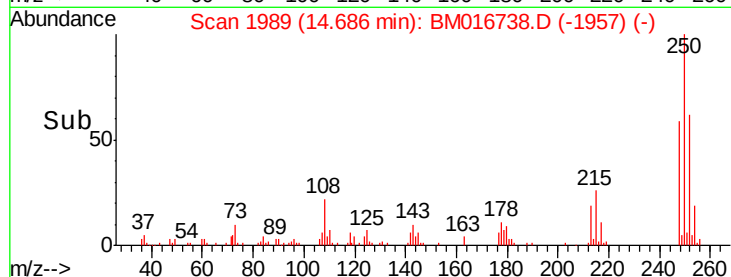
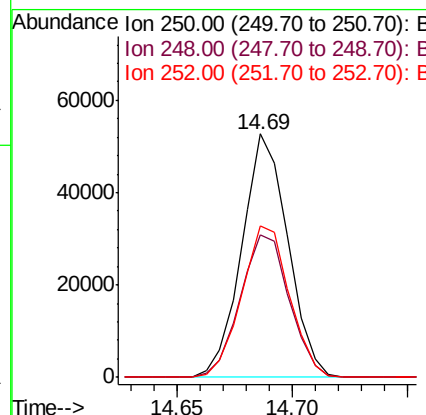
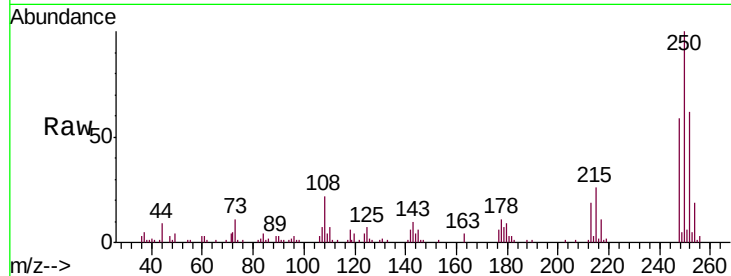




#74
 Pentachlorobenzene
 Concen: 4.459 ng/uL
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-06

Tgt Ion	Ratio	Lower	Upper
250	100		
248	58.7	51.4	77.2
252	62.0	49.8	74.6



#75
 Carbazole
 Concen: 4.193 ng/uL
 RT: 17.52 min Scan# 2471
 Delta R.T. -0.01 min
 Lab File: BM016738.D
 Acq: 12 Sep 2018 00:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.0	25.4
139	12.8	9.1	13.7

