

Data File : BM016733.D
Acq On : 11 Sep 2018 21:32
Operator : SJ/JU
Sample : MDL-S-ME-01
Misc : 4ppm/1ppm
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-01

Quant Time: Sep 12 01:14:21 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	210566	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	882163	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	480462	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1055673	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1185233	20.00	ng/ul	-0.01
86) Perylene-d12	23.55	264	1227984	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	32301	6.56	ng/uL	0.00
5) Phenol-d5	6.90	99	475373	26.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	304381	27.67	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	397498	27.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	375578	27.33	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	174628	30.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	158633	30.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	356529	26.63	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	492772	30.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1083105	28.08	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1389954	27.89	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	159731	25.23	ng/ul	-0.01
58) Fluorene-d10	15.37	176	954993	28.36	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	99225	22.90	ng/ul	-0.01
71) Anthracene-d10	17.22	188	1428647	28.05	ng/ul	0.00
79) Pyrene-d10	19.52	212	1583965	27.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	1809873	28.25	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.31	88	8635	1.685 ng/uL#	89
4) Benzaldehyde	6.89	77	50873	5.090 ng/ul	86
6) Phenol	6.93	94	67741	3.821 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	52524	3.848 ng/ul	88
10) 2-Chlorophenol	7.30	128	55560	3.816 ng/ul	100
11) 2-Methylphenol	8.17	108	45954	3.459 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	81350	3.769 ng/ul	95
14) Acetophenone	8.55	105	80675	3.787 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	38221	3.586 ng/ul#	89
16) 4-Methylphenol	8.49	108	53166	3.785 ng/ul	97
17) Hexachloroethane	8.80	117	21007	3.674 ng/ul	85
20) Nitrobenzene	8.93	77	58777	4.009 ng/ul	91
21) Isophorone	9.45	82	99368	3.410 ng/ul	98
23) 2-Nitrophenol	9.63	139	25438	4.181 ng/ul#	88
24) 2,4-Dimethylphenol	9.70	107	57510	3.663 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.94	93	68166	3.785 ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	49328	3.834 ng/ul	91
28) Naphthalene	10.56	128	177574	3.915 ng/ul	99
30) 4-Chloroaniline	10.67	127	48473	2.997 ng/ul	94
31) Hexachlorobutadiene	10.85	225	35021	4.032 ng/ul	94
32) Caprolactam	11.45	113	10397	2.555 ng/ul	100
33) 4-Chloro-3-methylphenol	11.80	107	45450	3.370 ng/ul	93
34) 2-Methylnaphthalene	12.18	142	123208	3.855 ng/ul	98

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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	123208	3.855	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	64870	3.931	ng/ul#	97
38) Hexachlorocyclopentadiene	12.53	237	34777	3.385	ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	29691	3.160	ng/ul	94
40) 2,4,5-Trichlorophenol	12.86	196	35531	3.465	ng/ul	96
41) 1,1'-Biphenyl	13.20	154	154923	3.876	ng/ul#	94
42) 2-Chloronaphthalene	13.24	162	117261	3.749	ng/ul	93
43) 2-Nitroaniline	13.44	65	22316	3.239	ng/ul	87
45) Dimethylphthalate	13.84	163	149337	3.961	ng/ul#	98
46) 2,6-Dinitrotoluene	13.95	165	18787	3.244	ng/ul#	88
48) Acenaphthylene	14.09	152	184140	3.904	ng/ul	99
49) 3-Nitroaniline	14.27	138	18326	2.910	ng/ul#	82
50) Acenaphthene	14.44	153	127649	3.812	ng/ul	98
51) 2,4-Dinitrophenol	14.48	184	6659	2.571	ng/ul#	75
53) 4-Nitrophenol	14.57	109	18024	3.694	ng/ul#	77
54) Dibenzofuran	14.77	168	181552	3.952	ng/ul	96
55) 2,4-Dinitrotoluene	14.74	165	29120	3.420	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.00	232	25248	3.044	ng/ul#	79
57) Diethylphthalate	15.21	149	135462	3.627	ng/ul	96
59) Fluorene	15.43	166	147392	3.905	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	77332	4.041	ng/ul	93
61) 4-Nitroaniline	15.44	138	22921	2.963	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.50	198	16159	3.325	ng/ul#	83
65) N-Nitrosodiphenylamine	15.64	169	122297	3.745	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	43183	3.615	ng/ul	96
67) Hexachlorobenzene	16.42	284	50723	3.946	ng/ul#	92
68) Atrazine	16.59	200	35674	3.091	ng/ul	94
69) Pentachlorophenol	16.77	266	17604	2.533	ng/ul	98
70) Phenanthrene	17.16	178	231353	3.945	ng/ul	98
72) Anthracene	17.26	178	236524	3.929	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	68159	3.901	ng/uL	96
74) Pentachlorobenzene	14.69	250	62347	3.956	ng/uL	95
75) Carbazole	17.52	167	190832	3.606	ng/ul	98
76) Di-n-butylphthalate	18.11	149	188715	3.065	ng/ul	99
77) Fluoranthene	19.18	202	251824	3.746	ng/ul#	89
80) Pyrene	19.54	202	280707	3.857	ng/ul#	87
81) Butylbenzylphthalate	20.46	149	74064	2.752	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.23	252	66238	2.821	ng/ul	97
83) Benzo(a)anthracene	21.29	228	280263	3.820	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	110521	2.613	ng/ul	99
85) Chrysene	21.34	228	268789	3.928	ng/ul	97
87) Di-n-octyl phthalate	22.14	149	178466	2.419	ng/ul	100
88) Benzo(b)fluoranthene	22.88	252	267124	3.634	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	273218	3.871	ng/ul#	97
91) Benzo(a)pyrene	23.45	252	268917	3.838	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	302380	3.618	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.81	278	254519	3.641	ng/ul#	96
94) Benzo(g,h,i)perylene	26.48	276	256326	3.699	ng/ul#	89

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

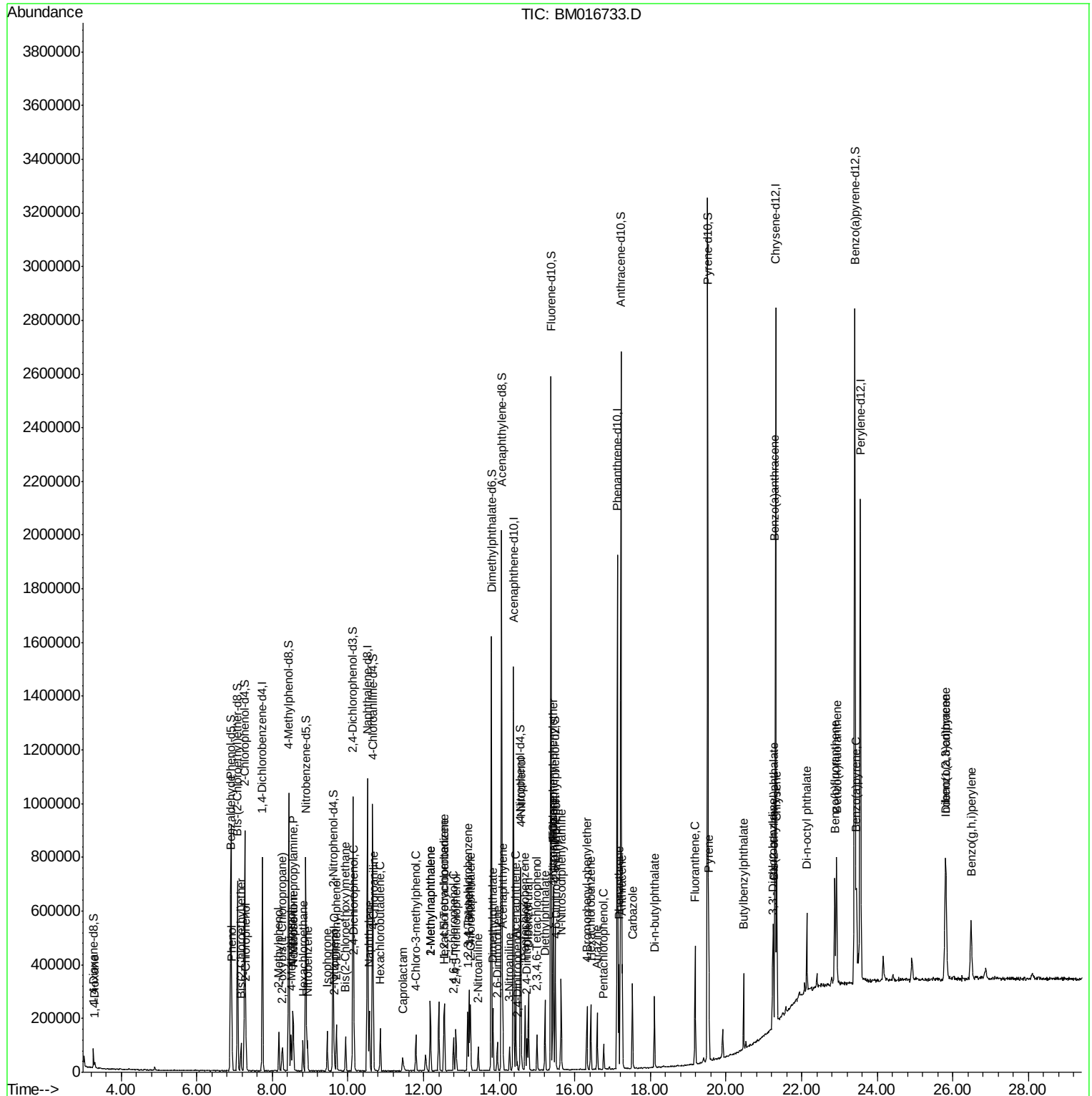
Data File : BM016733.D

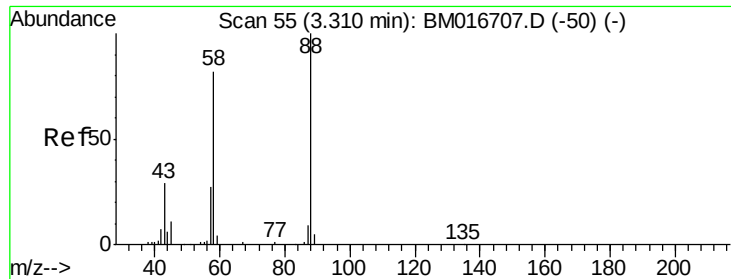
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Acq On       : 11 Sep 2018   21:32
Operator     : SJ/JU
Sample       : MDL-S-ME-01
Misc         : 4ppm/1ppm
ALS Vial     : 20      Sample Multiplier: 1
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Instrument :
BNA_M

ClientSampleId :
MDL-S-ME-01

Quant Time: Sep 12 01:14:21 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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#2

1,4-Dioxane

Concen: 1.685 ng/uL

RT: 3.31 min Scan# 55

Delta R.T. -0.00 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-01

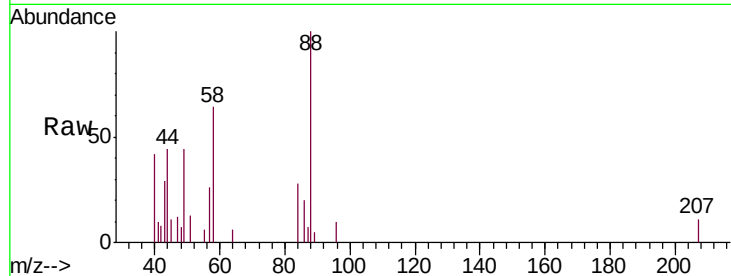
Tgt Ion: 88 Resp: 8635

Ion Ratio Lower Upper

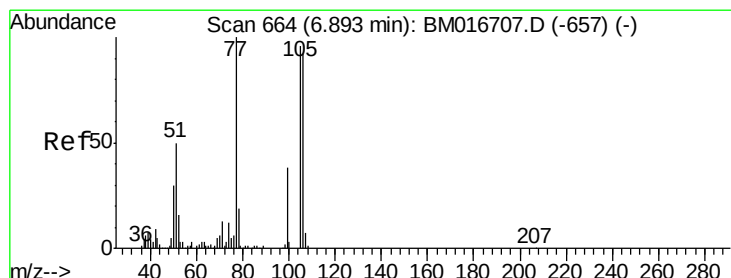
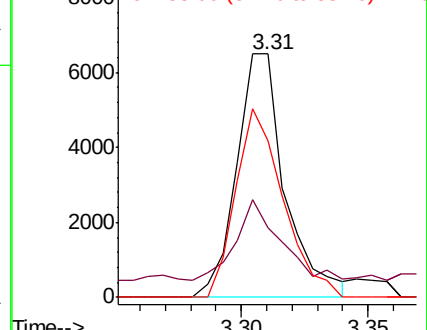
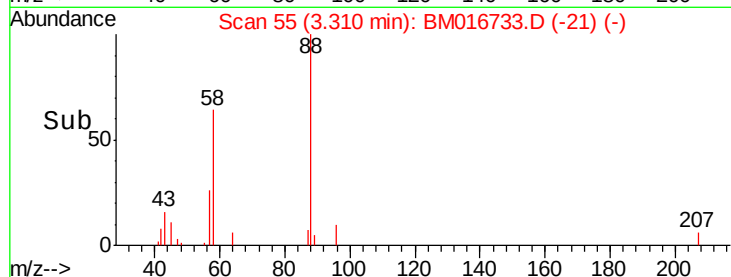
88 100

43 28.7 29.0 43.4#

58 64.4 45.9 68.9



Abundance Ion 88.00 (87.70 to 88.70): BM016733.D (-21) (-)



#4

Benzaldehyde

Concen: 5.090 ng/uL

RT: 6.89 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

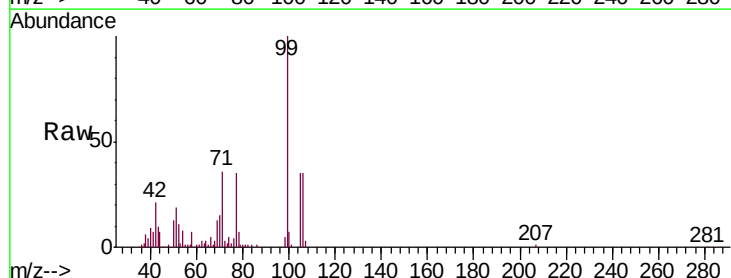
Tgt Ion: 77 Resp: 50873

Ion Ratio Lower Upper

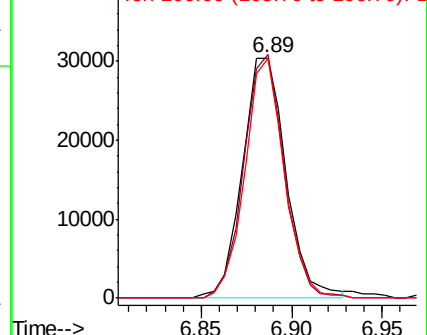
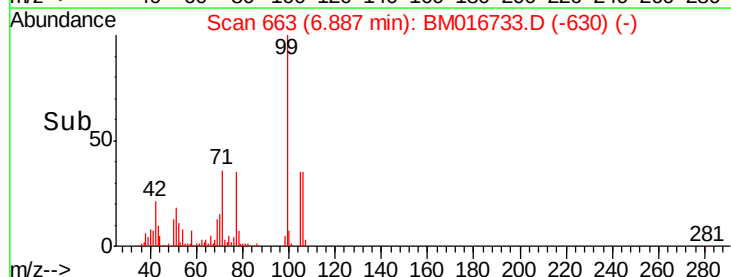
77 100

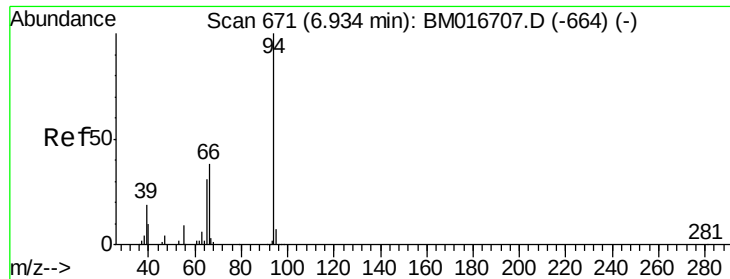
105 101.4 71.0 106.6

106 99.9 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BM016733.D (-630) (-)





#6

Phenol

Concen: 3.821 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-01

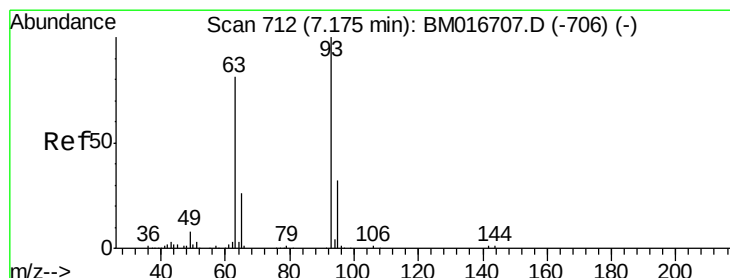
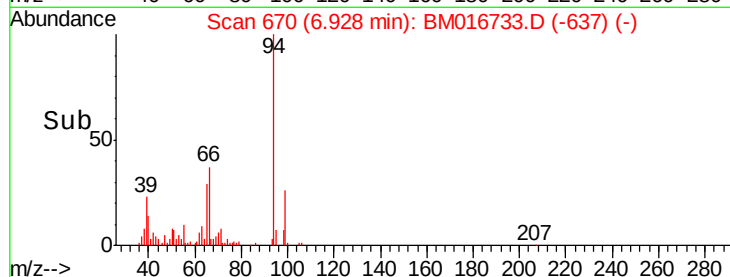
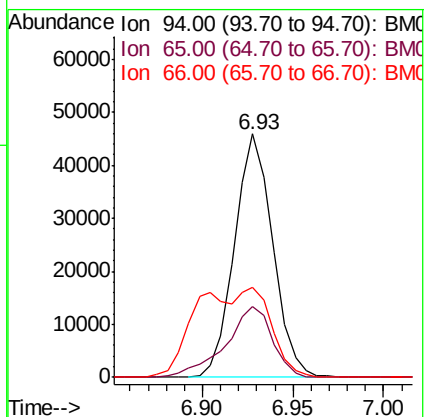
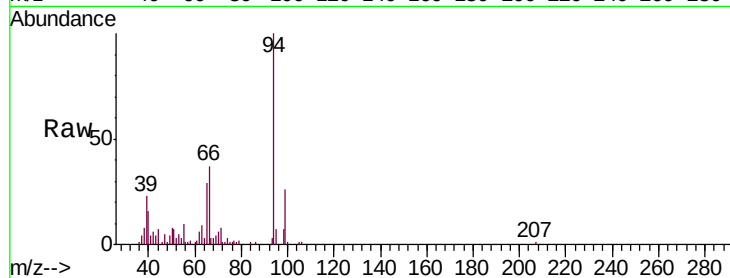
Tgt Ion: 94 Resp: 67741

Ion Ratio Lower Upper

94 100

65 29.3 23.0 34.6

66 36.8 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 3.848 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

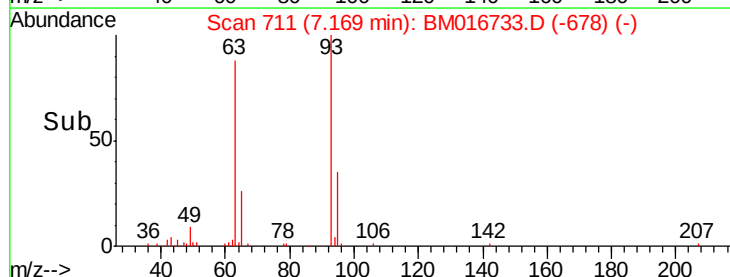
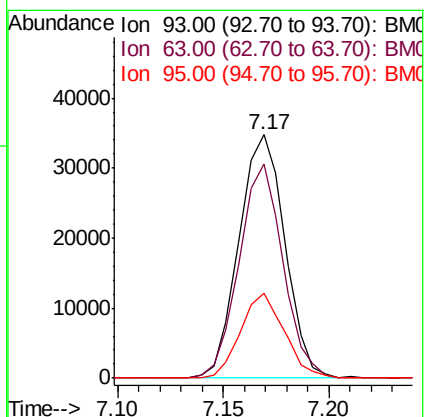
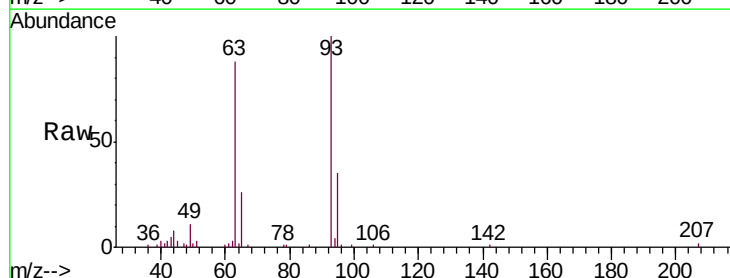
Tgt Ion: 93 Resp: 52524

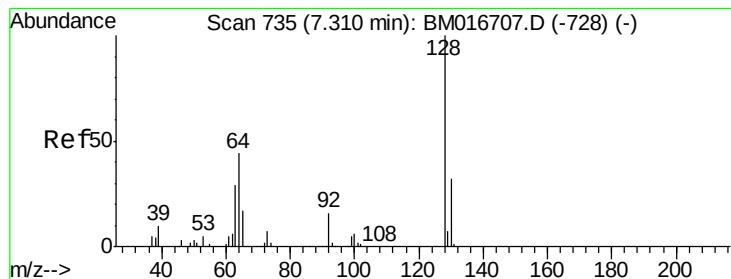
Ion Ratio Lower Upper

93 100

63 88.1 59.4 89.2

95 34.6 26.4 39.6





#10

2-Chlorophenol

Concen: 3.816 ng/ul

RT: 7.30 min Scan# 733

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-01

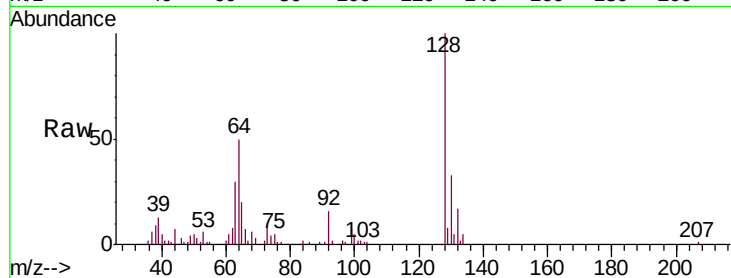
Tgt Ion:128 Resp: 55560

Ion Ratio Lower Upper

128 100

64 49.7 39.8 59.6

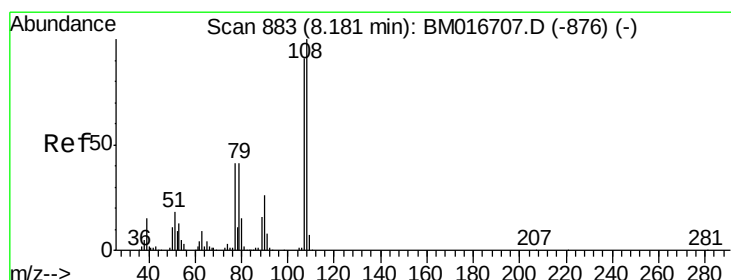
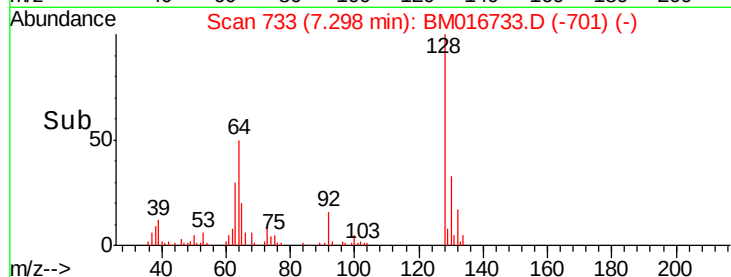
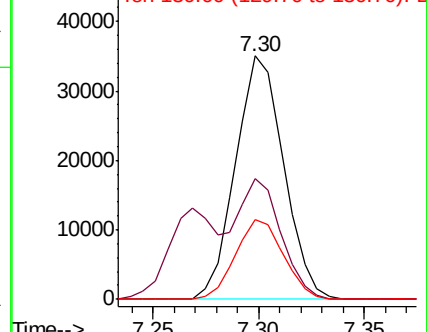
130 32.8 25.8 38.8



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: 3.459 ng/ul

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM016733.D

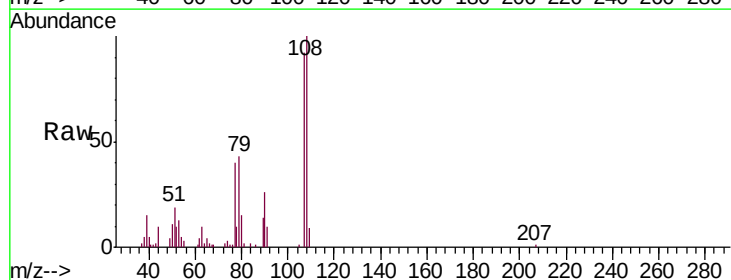
Acq: 11 Sep 2018 21:32

Tgt Ion:108 Resp: 45954

Ion Ratio Lower Upper

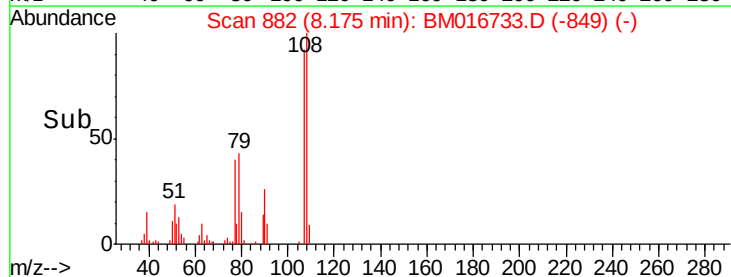
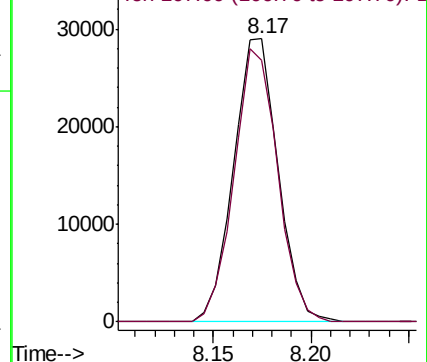
108 100

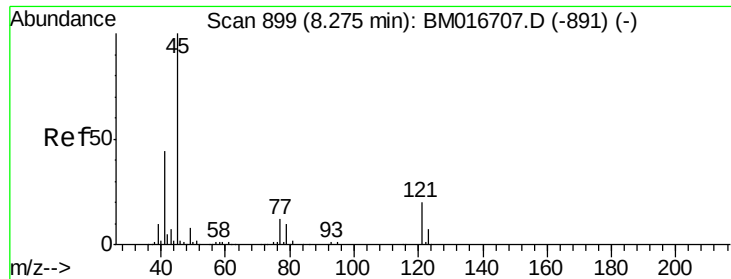
107 92.3 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

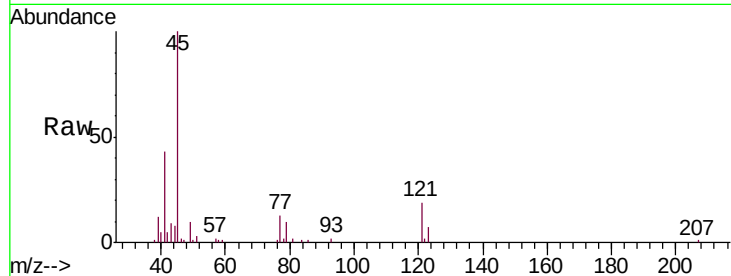




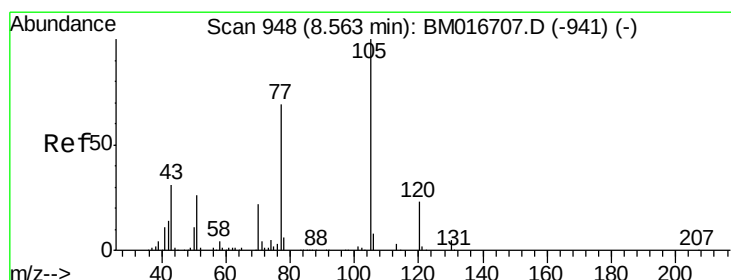
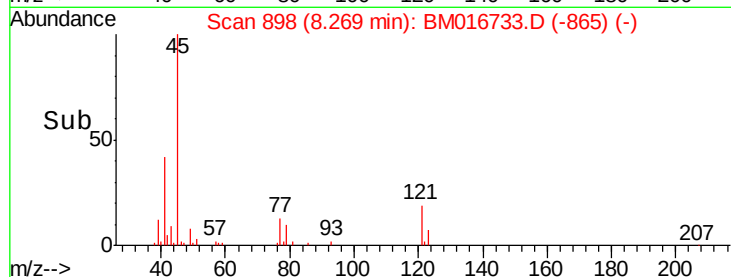
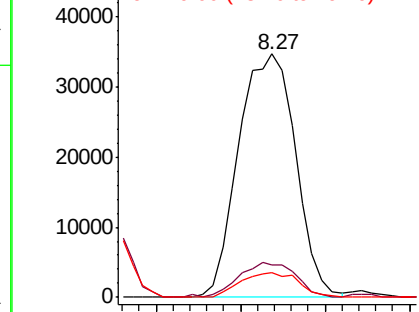
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 3.769 ng/ul
 RT: 8.27 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Instrument :
 BNA_M
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 MDL-S-ME-01

Tgt Ion: 45 Resp: 81350
 Ion Ratio Lower Upper
 45 100
 77 13.1 12.5 18.7
 79 10.3 9.4 14.2

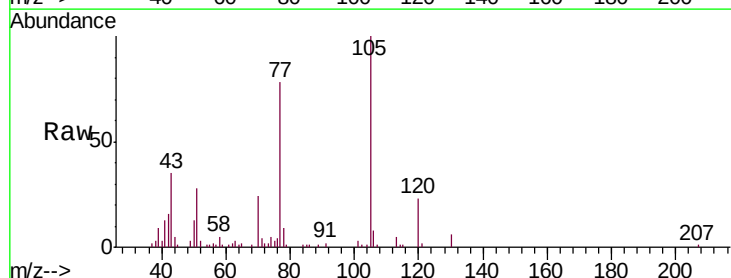


Abundance Ion 45.00 (44.70 to 45.70): BM0
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 79.00 (78.70 to 79.70): BM0

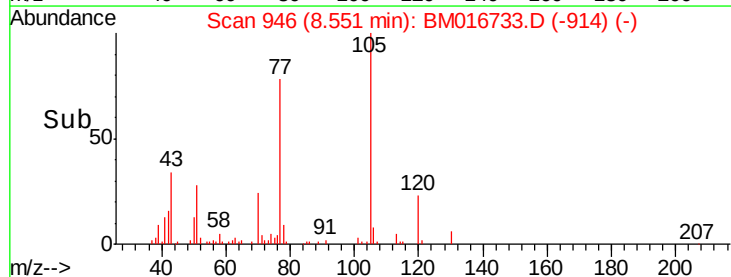
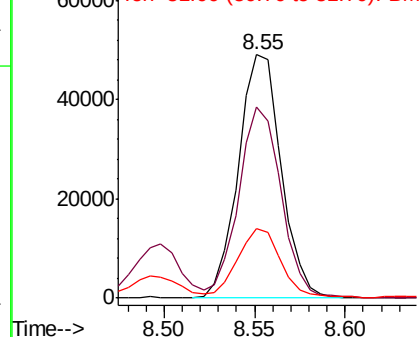


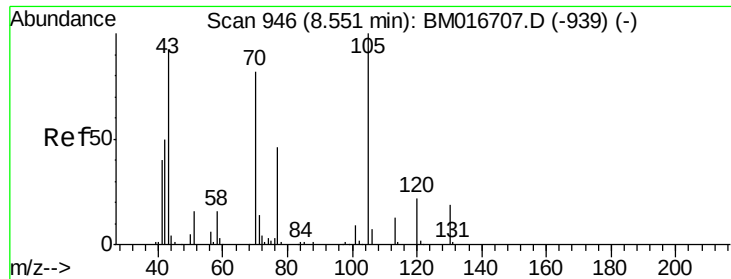
#14
 Acetophenone
 Concen: 3.787 ng/ul
 RT: 8.55 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BM016733.D
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Tgt Ion: 105 Resp: 80675
 Ion Ratio Lower Upper
 105 100
 77 78.4 63.2 94.8
 51 28.4 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 3.586 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.01 min

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Tgt Ion: 70 Resp: 38221

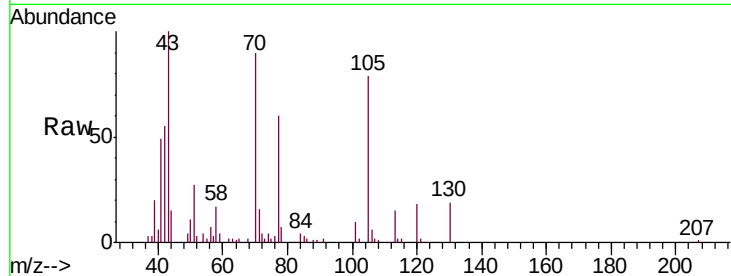
Ion Ratio Lower Upper

70 100

42 61.3 40.2 60.4#

101 11.3 7.7 11.5

130 21.2 17.8 26.6

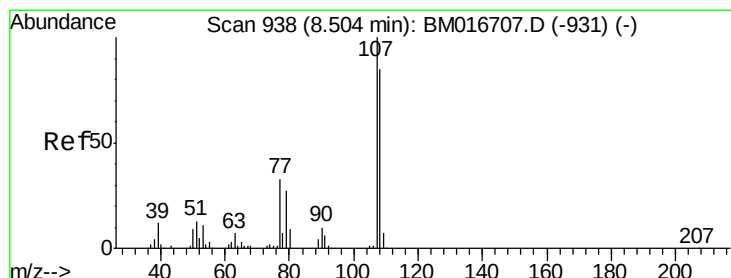
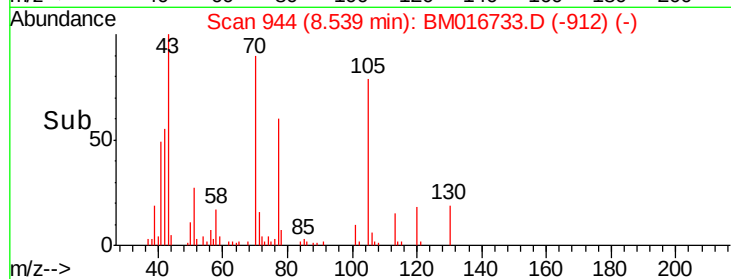
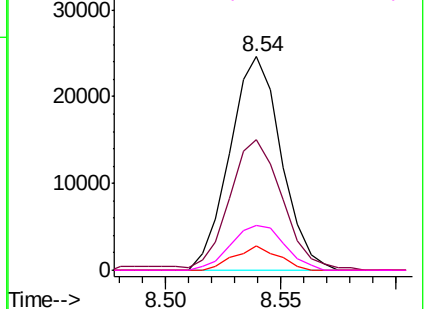


Abundance Ion 70.00 (69.70 to 70.70): BM016733.D (-912) (-)

Ion 42.00 (41.70 to 42.70): BM016733.D (-912) (-)

Ion 101.00 (100.70 to 101.70): BM016733.D (-912) (-)

Ion 130.00 (129.70 to 130.70): BM016733.D (-912) (-)



#16

4-Methylphenol

Concen: 3.785 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM016733.D

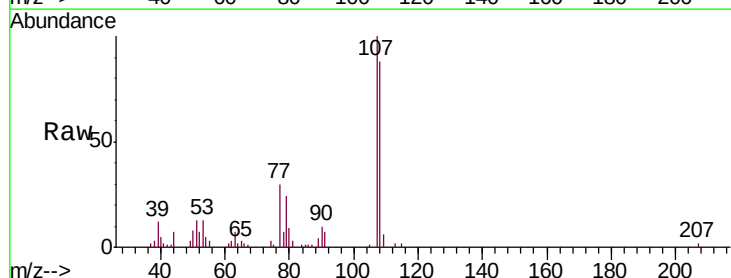
Acq: 11 Sep 2018 21:32

Tgt Ion: 108 Resp: 53166

Ion Ratio Lower Upper

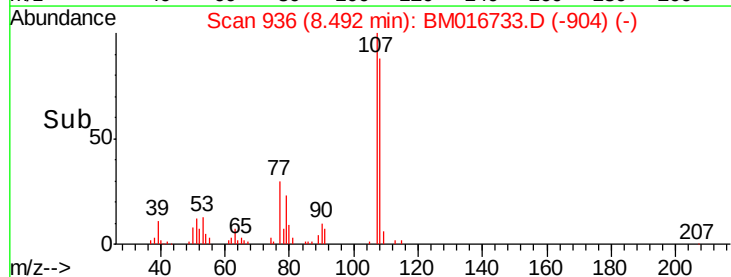
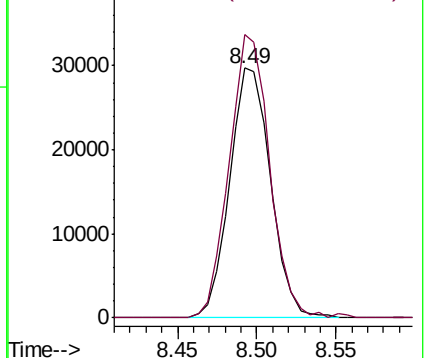
108 100

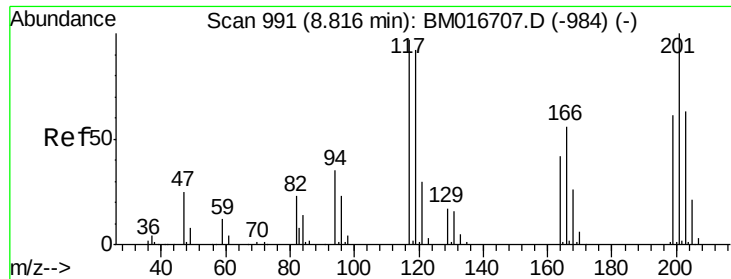
107 113.2 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): BM016733.D (-904) (-)

Ion 107.00 (106.70 to 107.70): BM016733.D (-904) (-)

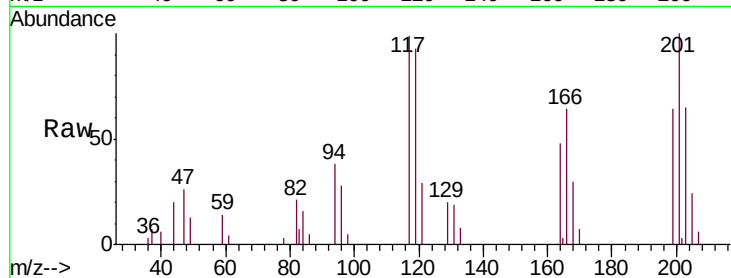




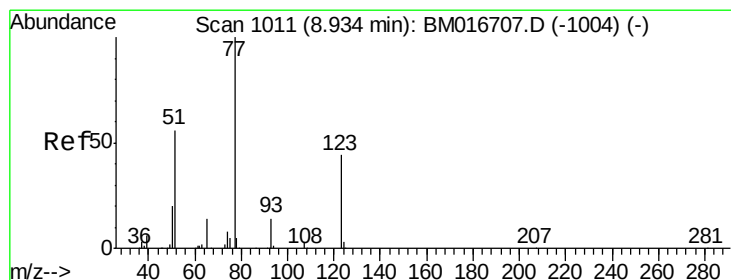
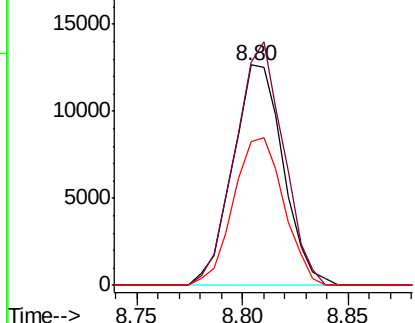
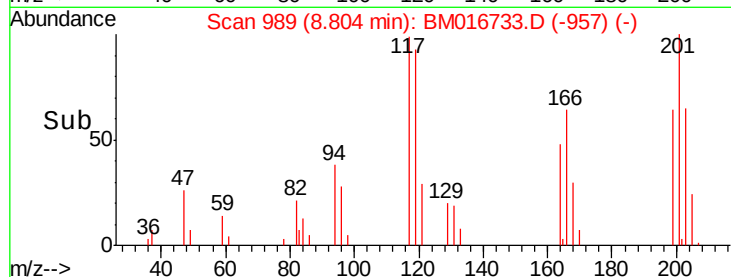
#17
Hexachloroethane
Concen: 3.674 ng/ul
RT: 8.80 min Scan# 989
Delta R.T. -0.01 min
Lab File: BM016733.D
Acq: 11 Sep 2018 21:32

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-01

Tgt Ion: 117 Resp: 21007
Ion Ratio Lower Upper
117 100
201 101.3 96.1 144.1
199 65.3 59.7 89.5

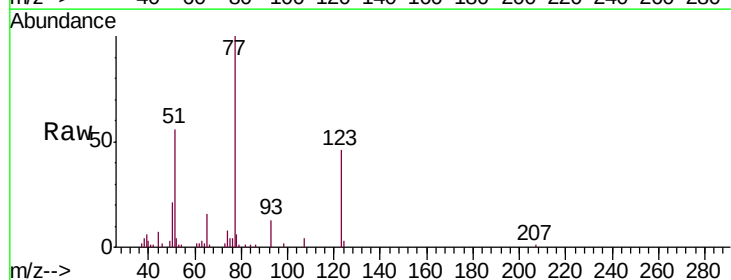


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

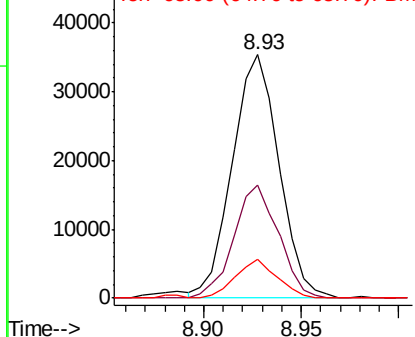
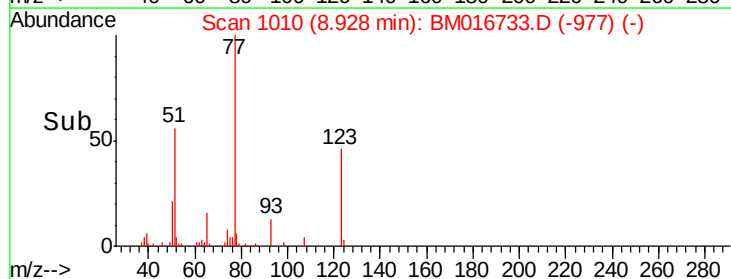


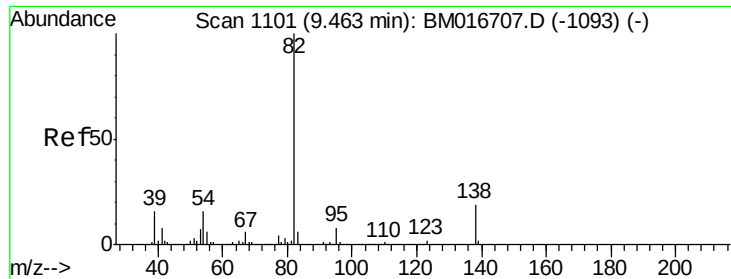
#20
Nitrobenzene
Concen: 4.009 ng/ul
RT: 8.93 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BM016733.D
Acq: 11 Sep 2018 21:32

Tgt Ion: 77 Resp: 58777
Ion Ratio Lower Upper
77 100
123 46.3 31.8 47.8
65 15.8 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 3.410 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-01

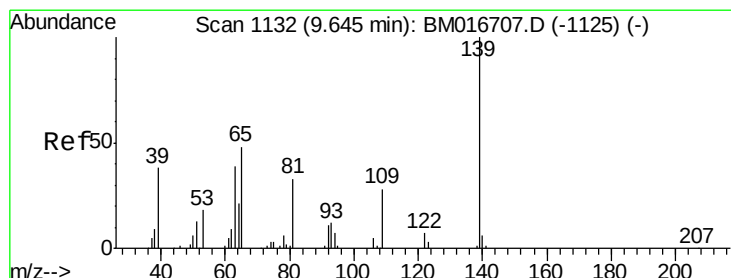
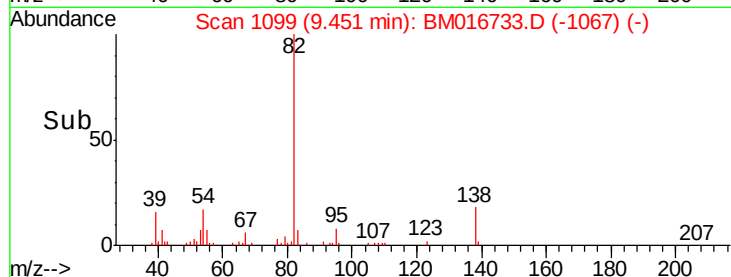
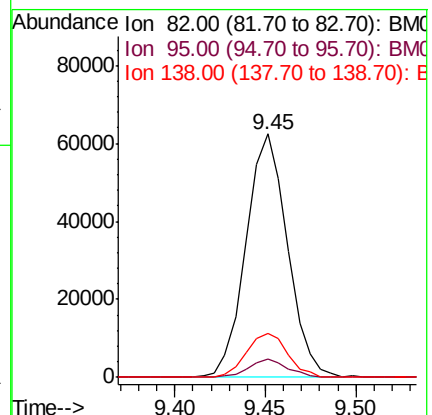
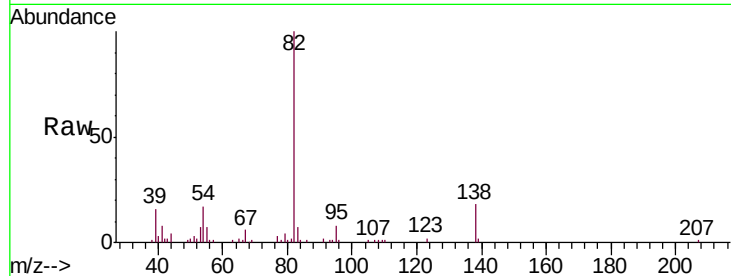
Tgt Ion: 82 Resp: 99368

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 18.1 13.5 20.3



#23

2-Nitrophenol

Concen: 4.181 ng/ul

RT: 9.63 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

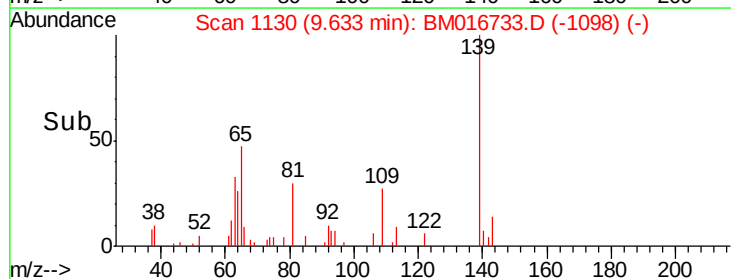
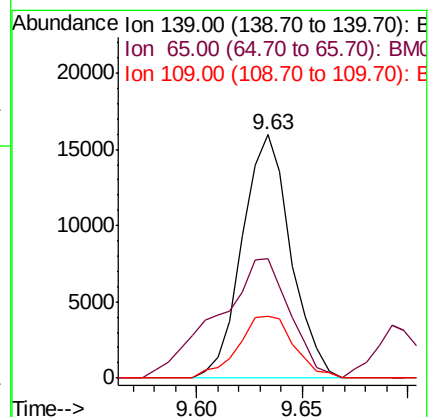
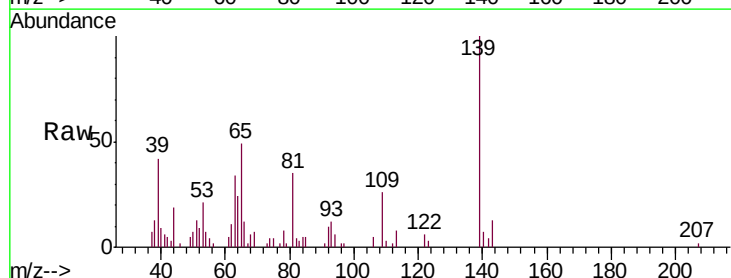
Tgt Ion: 139 Resp: 25438

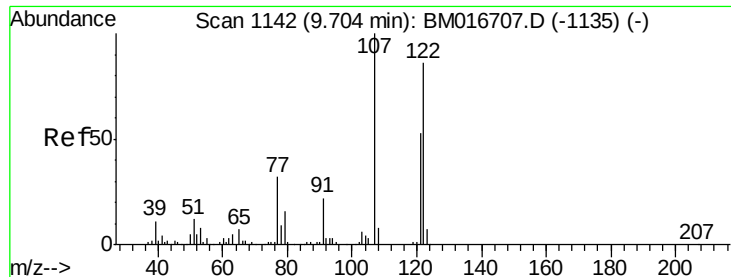
Ion Ratio Lower Upper

139 100

65 49.3 45.3 67.9

109 25.6 27.7 41.5#

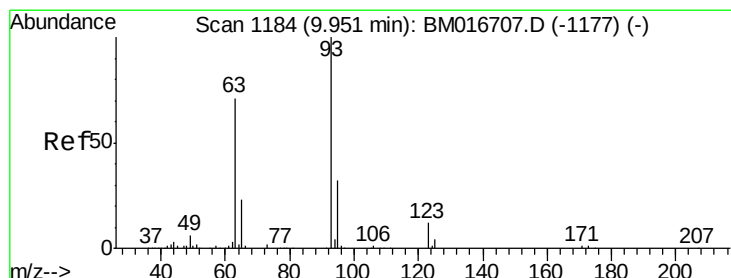
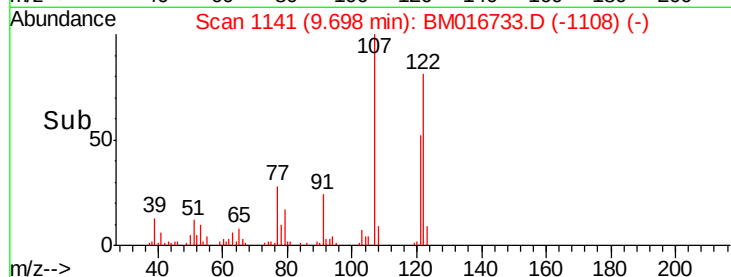
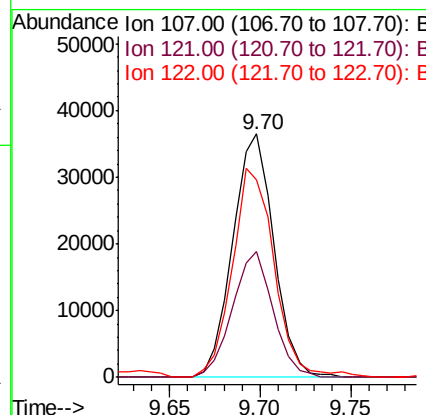
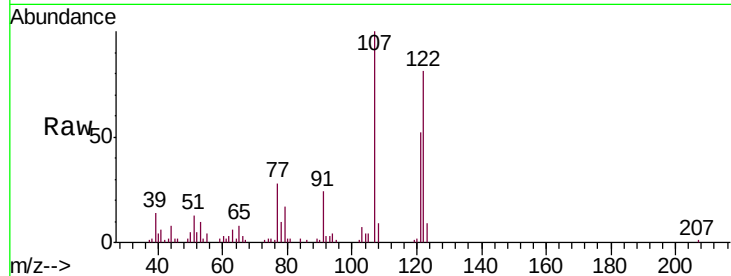




#24
 2,4-Dimethylphenol
 Concen: 3.663 ng/ul
 RT: 9.70 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

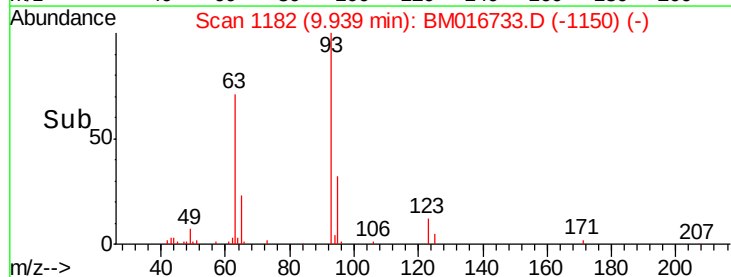
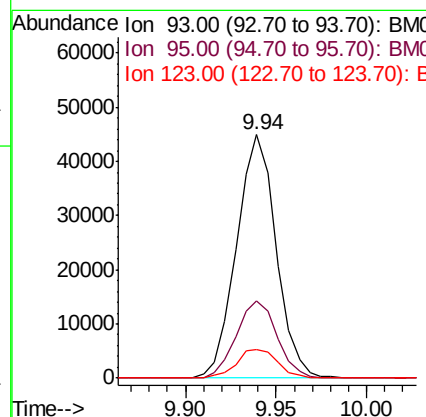
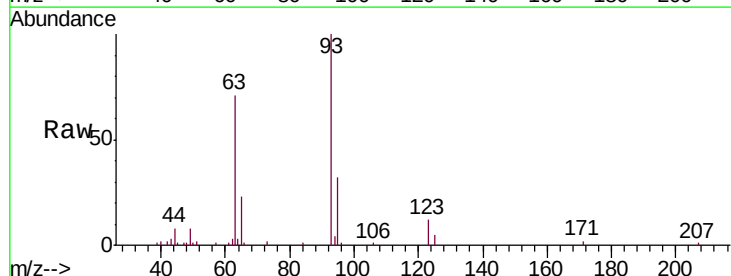
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

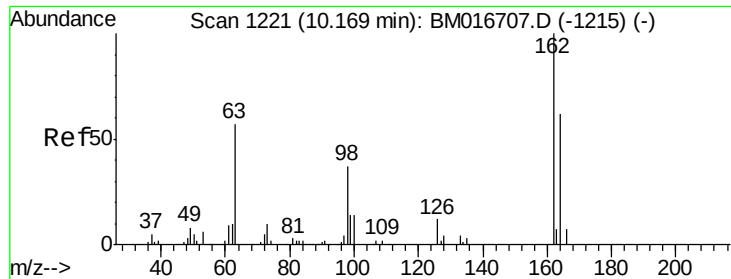
Tgt Ion	Ratio	Lower	Upper
107	100		
121	51.8	38.1	57.1
122	81.1	63.8	95.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.785 ng/ul
 RT: 9.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.7	37.1
123	11.8	8.2	12.2

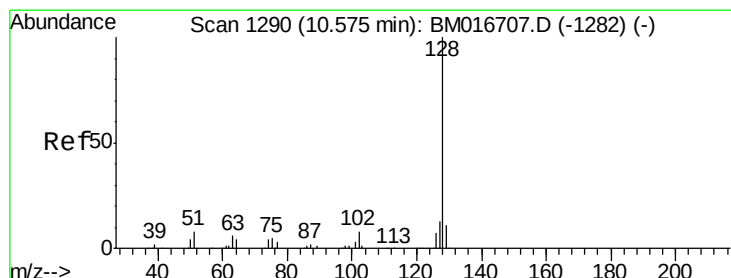
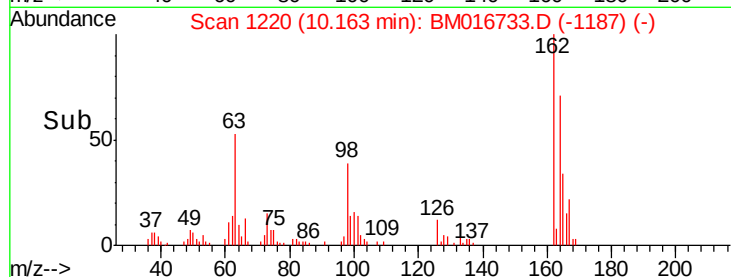
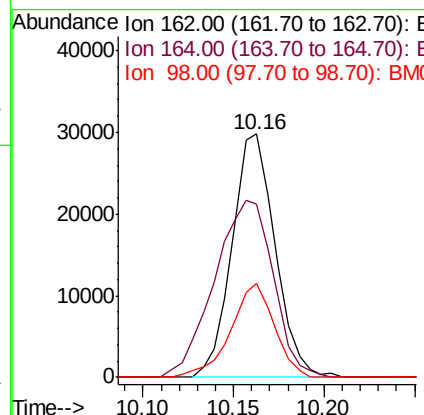
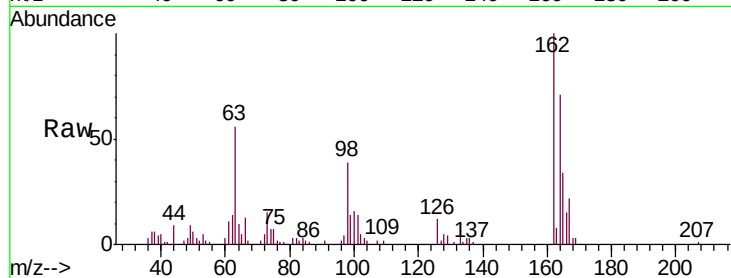




#27
 2,4-Dichlorophenol
 Concen: 3.834 ng/ul
 RT: 10.16 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

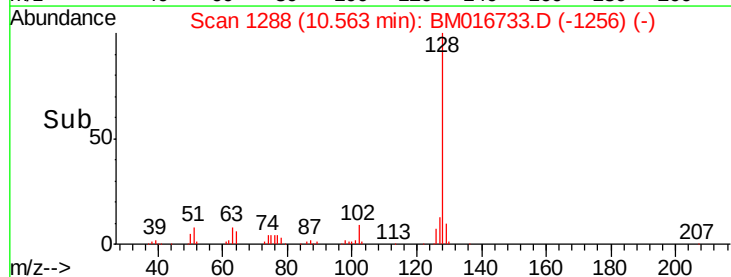
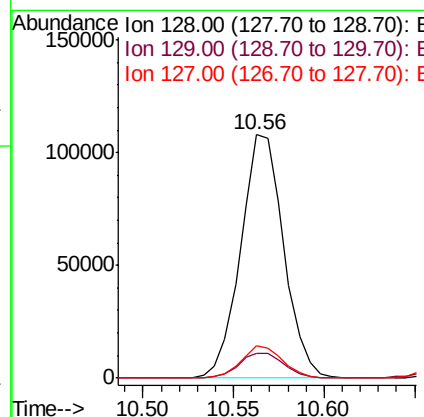
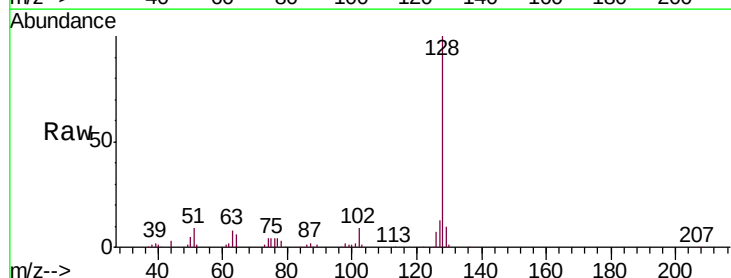
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

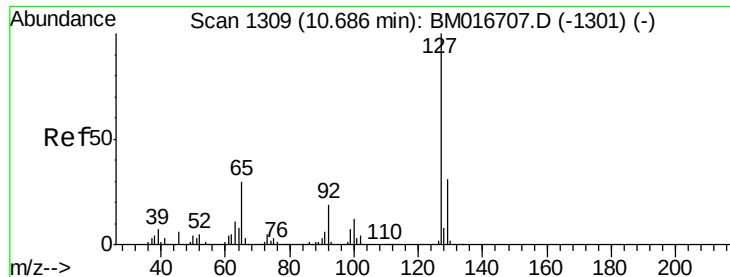
Tgt Ion	Ratio	Lower	Upper
162	100		
164	71.4	52.0	78.0
98	38.7	26.6	39.8



#28
 Naphthalene
 Concen: 3.915 ng/ul
 RT: 10.56 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.3	12.5
127	13.3	10.8	16.2

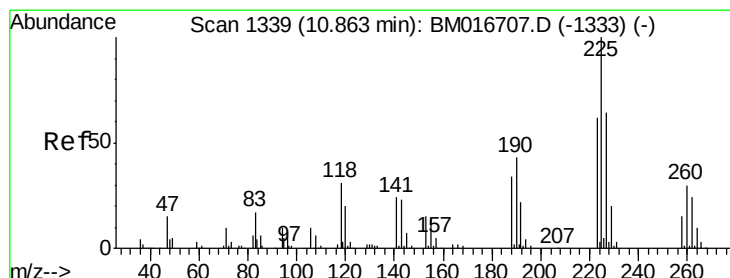
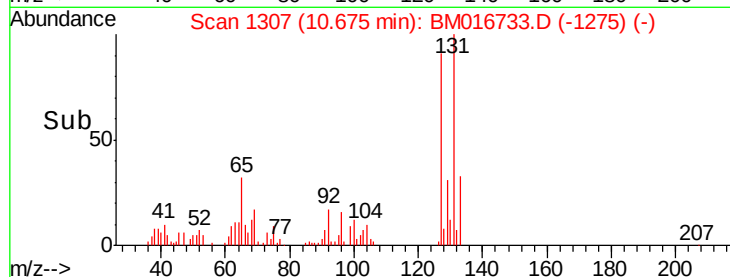
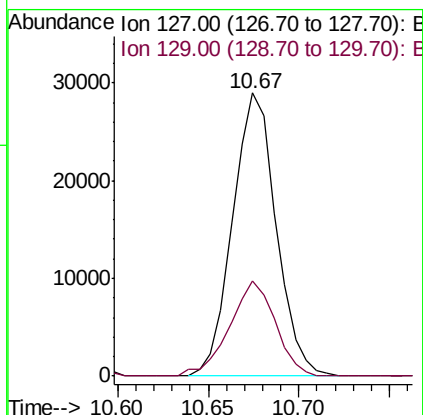
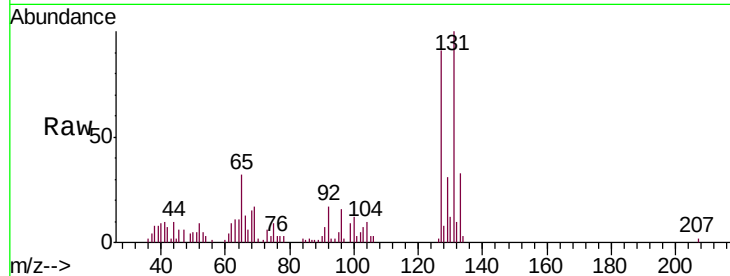




#30
4-Chloroaniline
Concen: 2.997 ng/ul
RT: 10.67 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016733.D
Acq: 11 Sep 2018 21:32

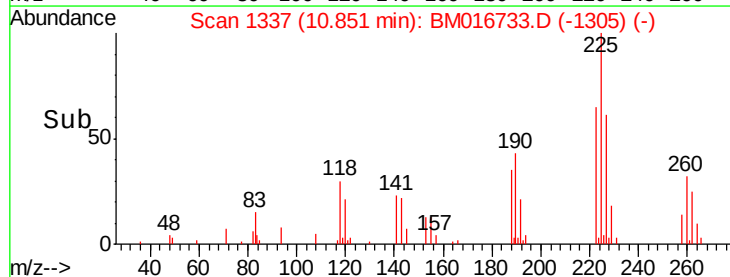
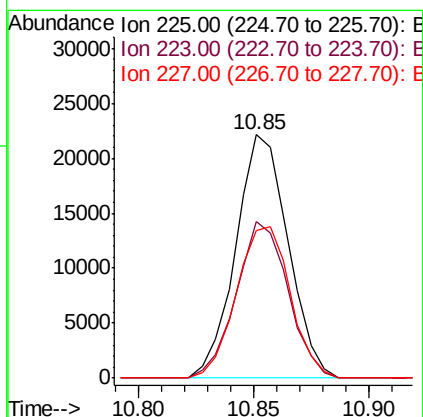
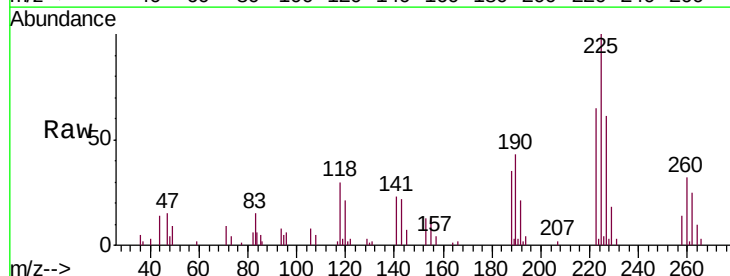
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-01

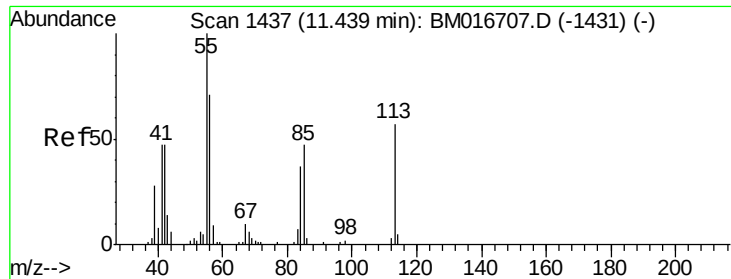
Tgt Ion:127 Resp: 48473
Ion Ratio Lower Upper
127 100
129 33.8 24.6 37.0



#31
Hexachlorobutadiene
Concen: 4.032 ng/ul
RT: 10.85 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM016733.D
Acq: 11 Sep 2018 21:32

Tgt Ion:225 Resp: 35021
Ion Ratio Lower Upper
225 100
223 67.4 48.1 72.1
227 63.4 52.1 78.1

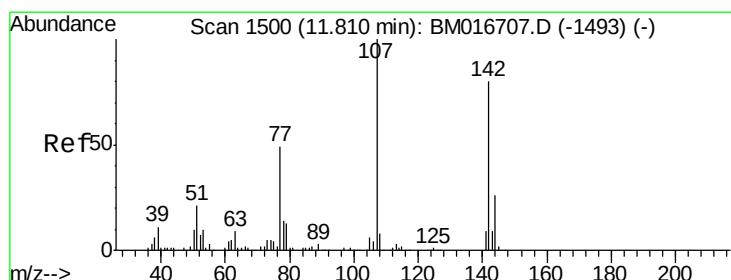
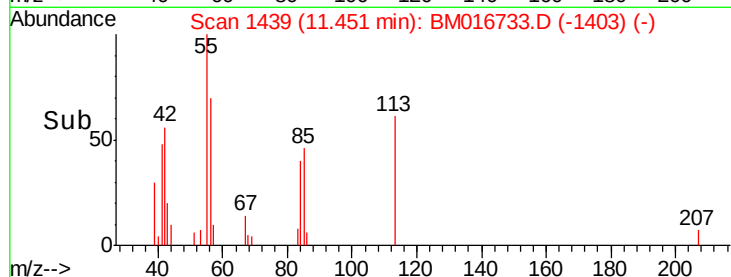
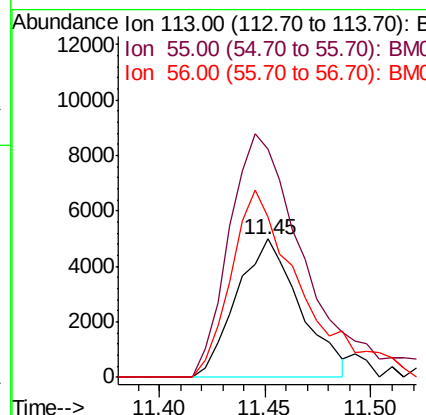
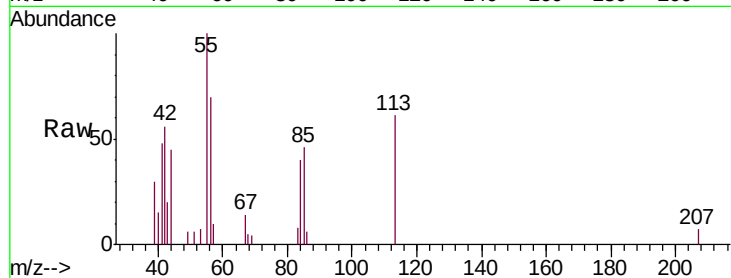




#32
 Caprolactam
 Concen: 2.555 ng/ul
 RT: 11.45 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

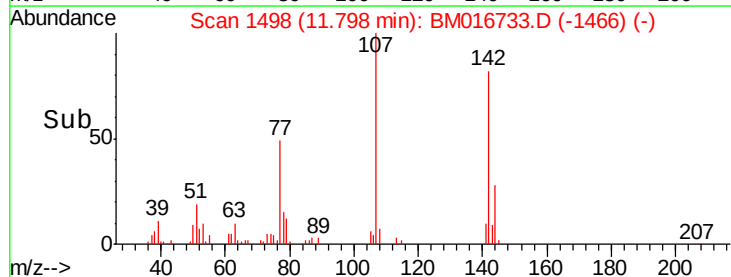
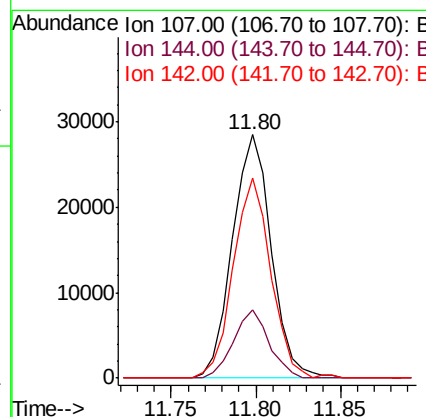
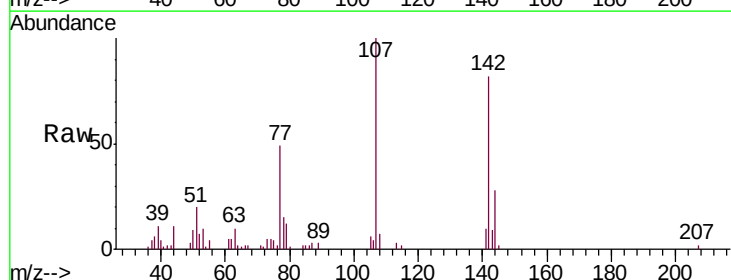
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

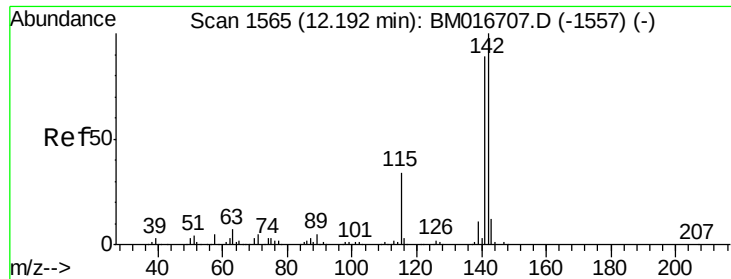
Tgt Ion:113 Resp: 10397
 Ion Ratio Lower Upper
 113 100
 55 165.2 131.7 197.5
 56 115.6 92.7 139.1



#33
 4-Chloro-3-methylphenol
 Concen: 3.370 ng/ul
 RT: 11.80 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion:107 Resp: 45450
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.1 31.7
 142 82.3 60.1 90.1

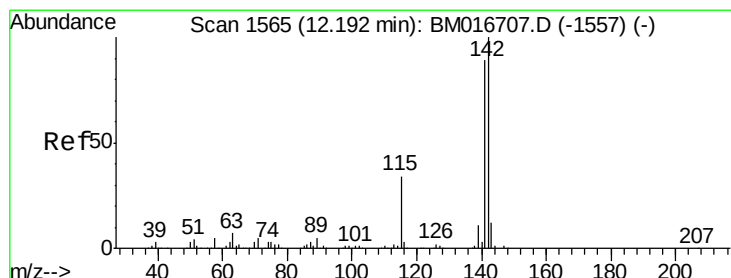
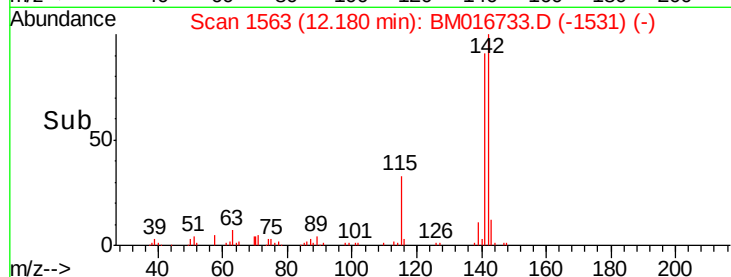
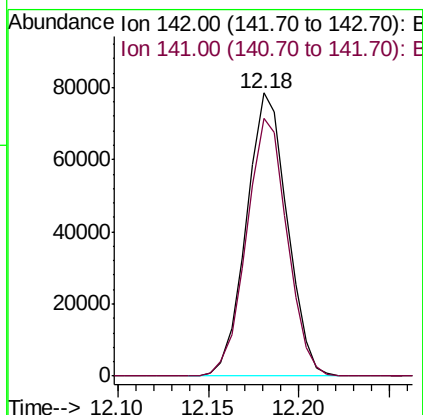
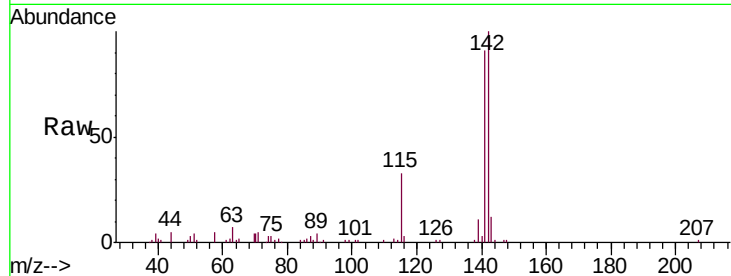




#34
2-Methylnaphthalene
Concen: 3.855 ng/ul
RT: 12.18 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BM016733.D
Acq: 11 Sep 2018 21:32

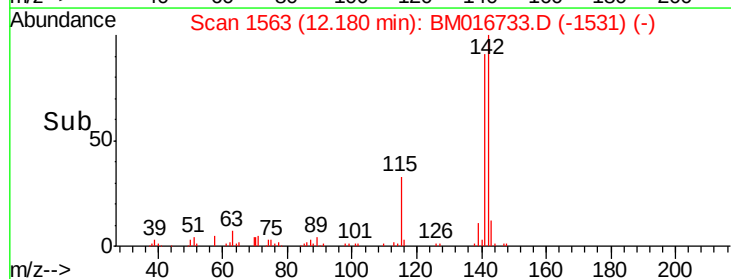
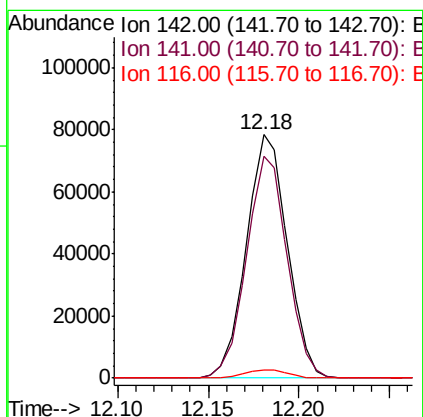
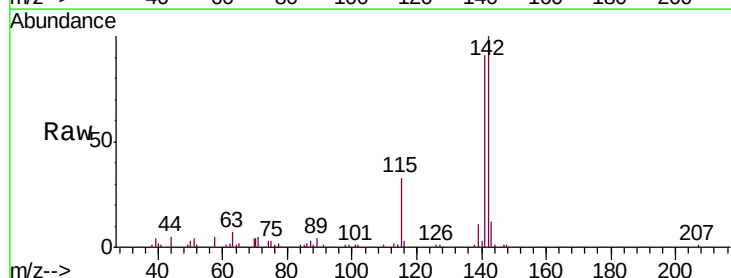
Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-01

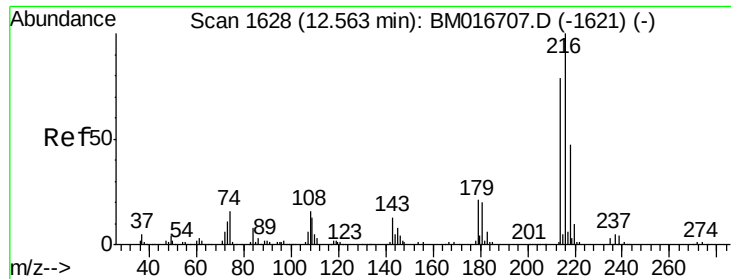
Tgt Ion:142 Resp: 123208
Ion Ratio Lower Upper
142 100
141 91.0 71.4 107.2



#35
1-Methylnaphthalene
Concen: 3.855 ng/ul
RT: 12.18 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BM016733.D
Acq: 11 Sep 2018 21:32

Tgt Ion:142 Resp: 123208
Ion Ratio Lower Upper
142 100
141 91.0 76.6 115.0
116 3.4 3.6 5.4#

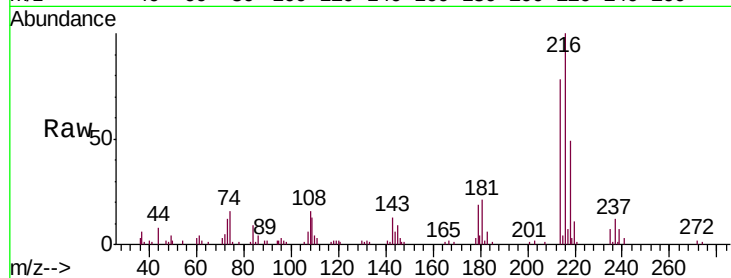




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.931 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

Tgt Ion:	216	Resp:	64870
Ion	Ratio	Lower	Upper
216	100		
214	77.9	64.1	96.1
179	19.4	14.5	21.7
108	15.9	10.4	15.6#



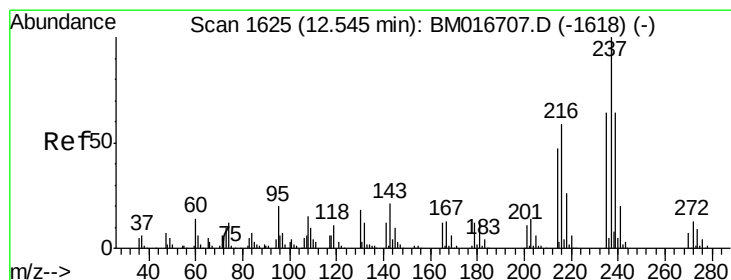
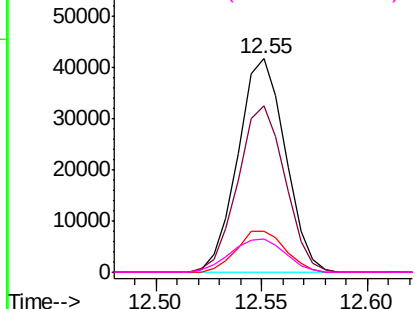
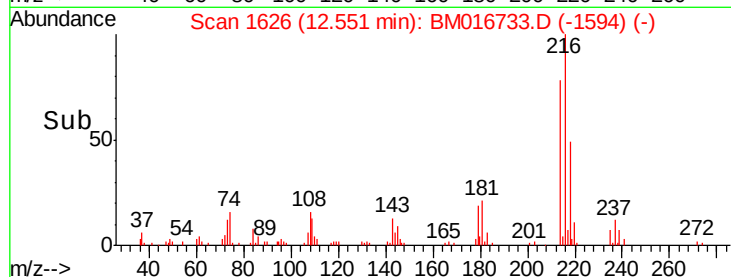
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

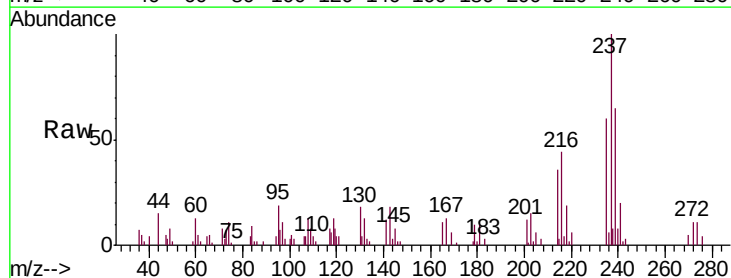
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38
 Hexachlorocyclopentadiene
 Concen: 3.385 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion:	237	Resp:	34777
Ion	Ratio	Lower	Upper
237	100		
235	59.8	49.5	74.3
272	11.3	8.6	12.8

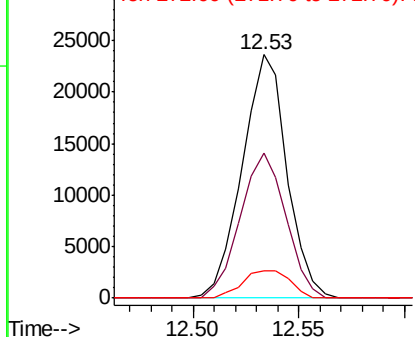
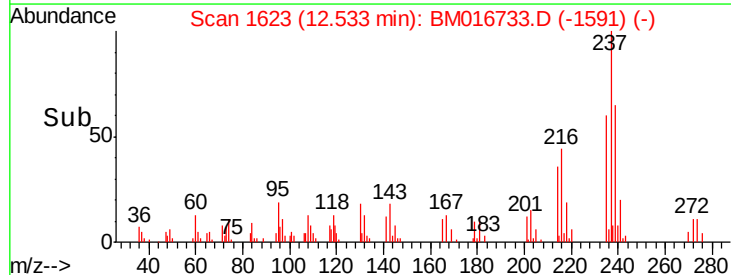


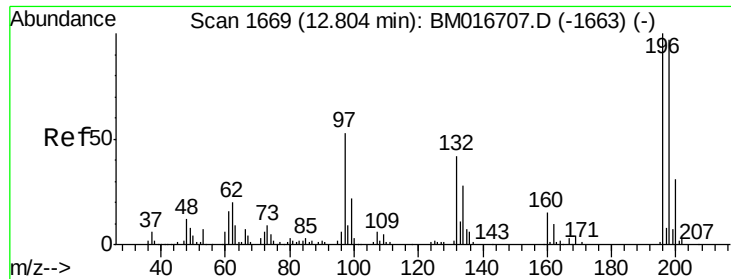
Abundance

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

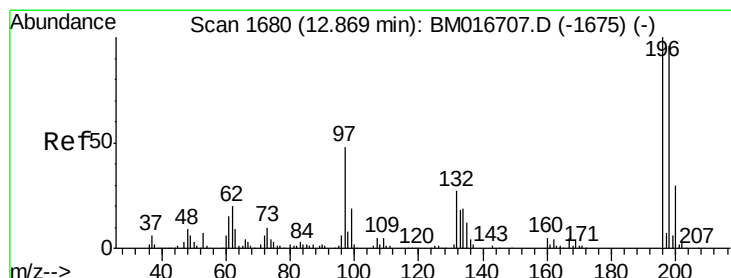
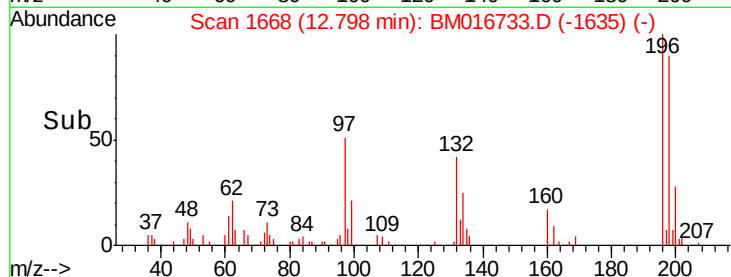
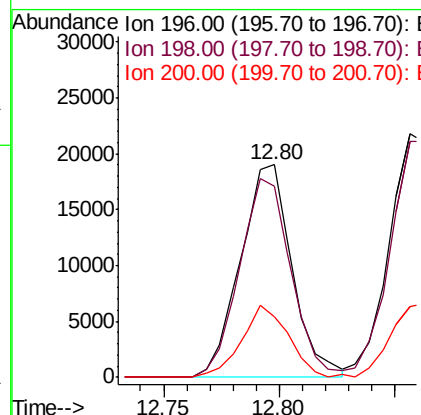
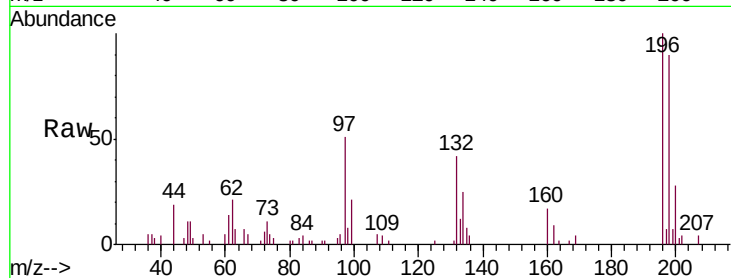




#39
 2,4,6-Trichlorophenol
 Concen: 3.160 ng/ul
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

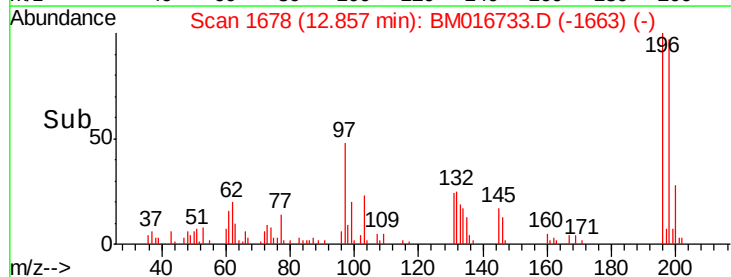
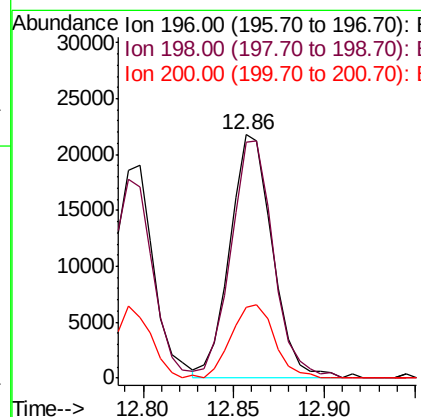
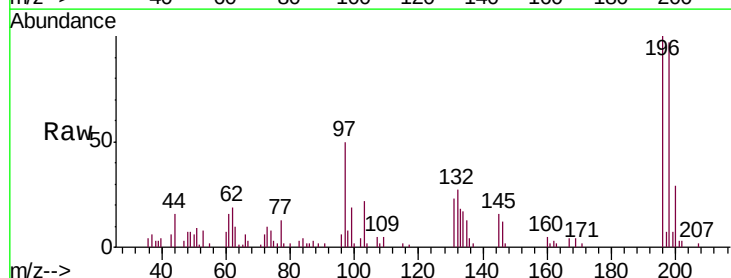
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

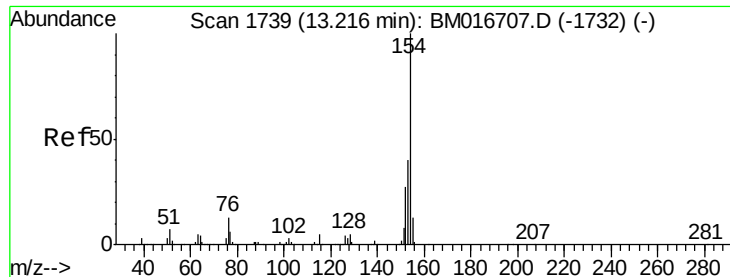
Tgt Ion:196 Resp: 29691
 Ion Ratio Lower Upper
 196 100
 198 89.7 75.9 113.9
 200 28.4 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 3.465 ng/ul
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion:196 Resp: 35531
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.7 112.1
 200 28.9 25.4 38.0

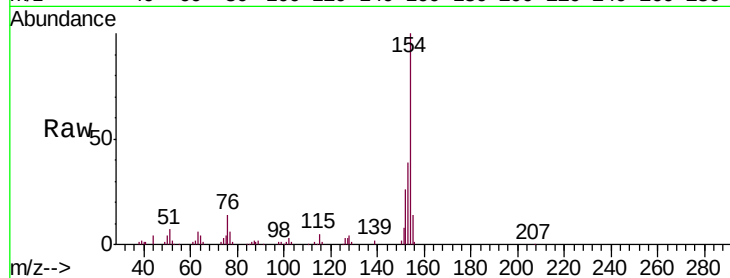




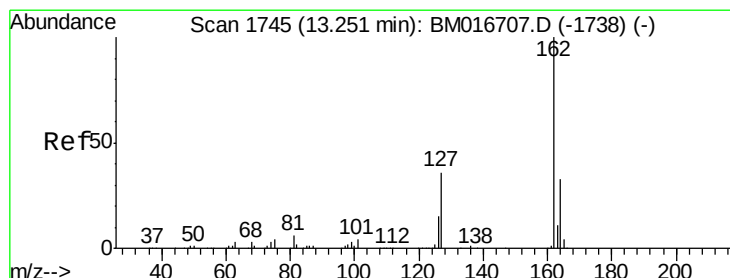
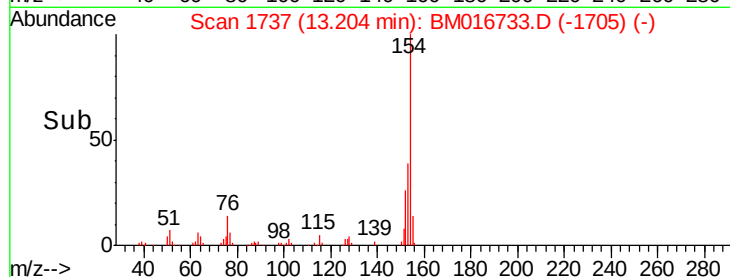
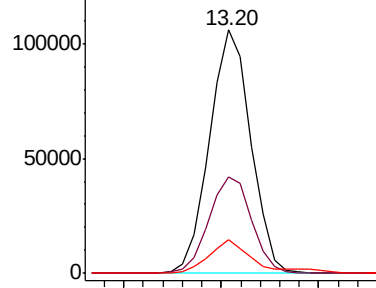
#41
 1,1'-Biphenyl
 Concen: 3.876 ng/ul
 RT: 13.20 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	34.0	51.0
76	13.9	8.4	12.6

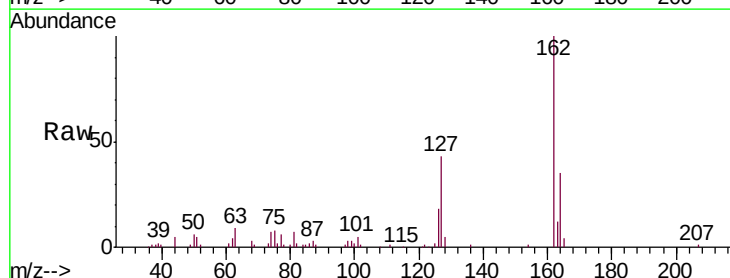


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

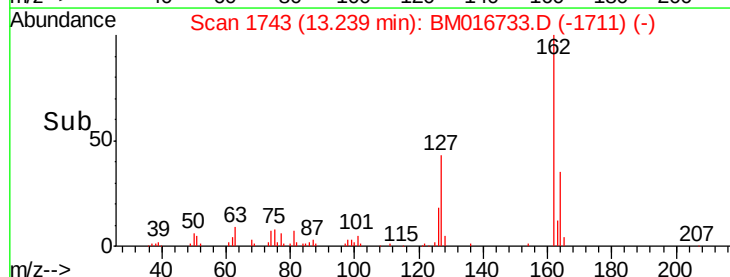
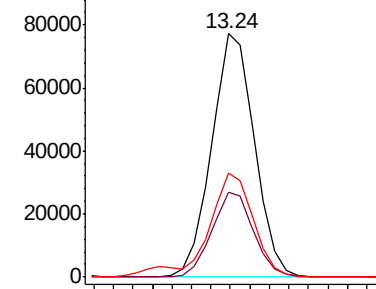


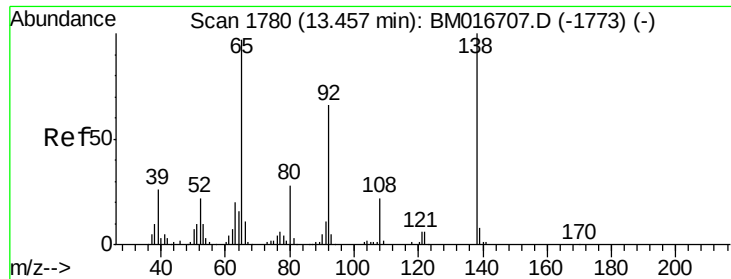
#42
 2-Chloronaphthalene
 Concen: 3.749 ng/ul
 RT: 13.24 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion	Ratio	Lower	Upper
162	100		
164	34.9	26.2	39.4
127	42.8	29.5	44.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 3.239 ng/ul

RT: 13.44 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-01

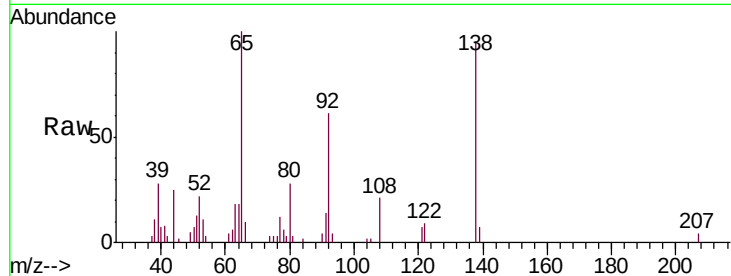
Tgt Ion: 65 Resp: 22316

Ion Ratio Lower Upper

65 100

92 60.7 57.0 85.4

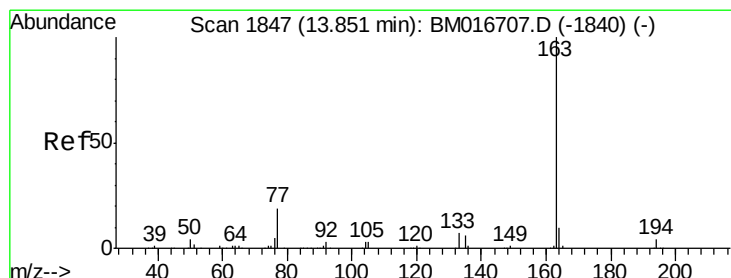
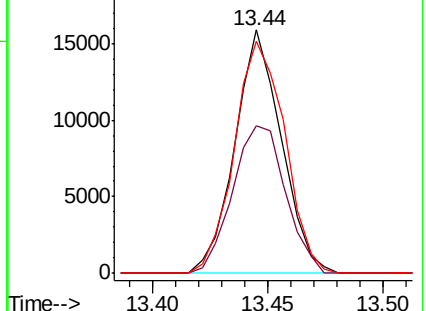
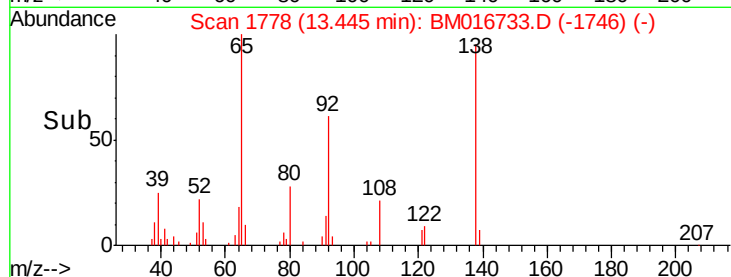
138 95.2 87.2 130.8



Abundance Ion 65.00 (64.70 to 65.70): BM016733.D (-1746) (-)

Ion 92.00 (91.70 to 92.70): BM016733.D (-1746) (-)

Ion 138.00 (137.70 to 138.70): BM016733.D (-1746) (-)



#45

Dimethylphthalate

Concen: 3.961 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

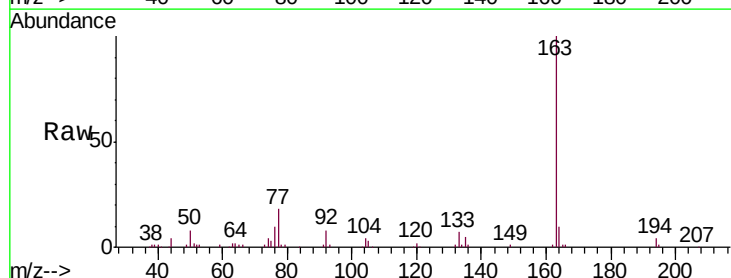
Tgt Ion: 163 Resp: 149337

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

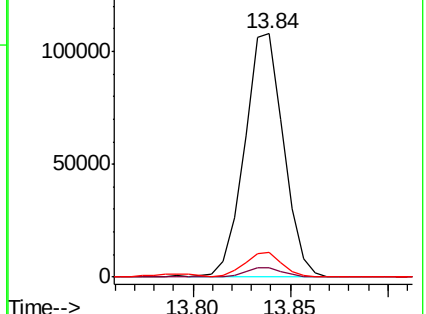
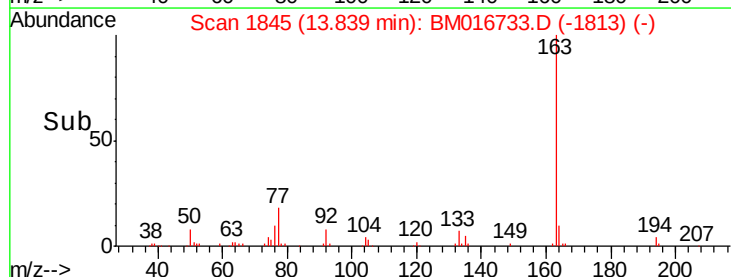
164 10.2 8.4 12.6

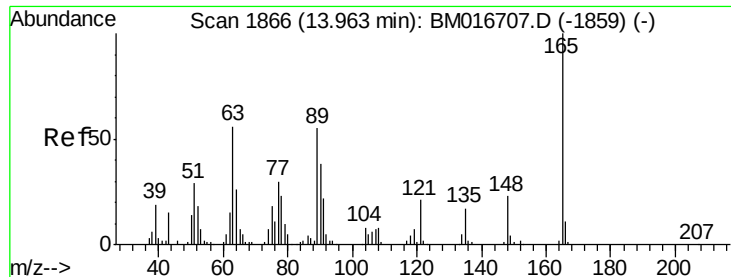


Abundance Ion 163.00 (162.70 to 163.70): BM016733.D (-1813) (-)

Ion 194.00 (193.70 to 194.70): BM016733.D (-1813) (-)

Ion 164.00 (163.70 to 164.70): BM016733.D (-1813) (-)

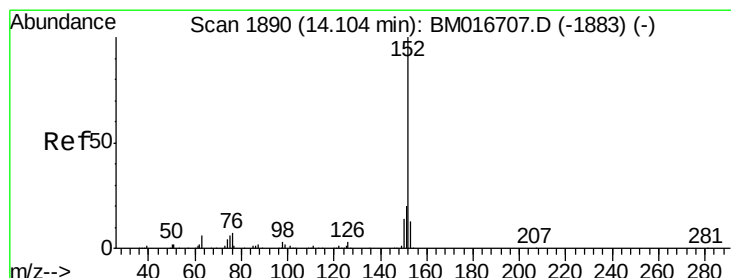
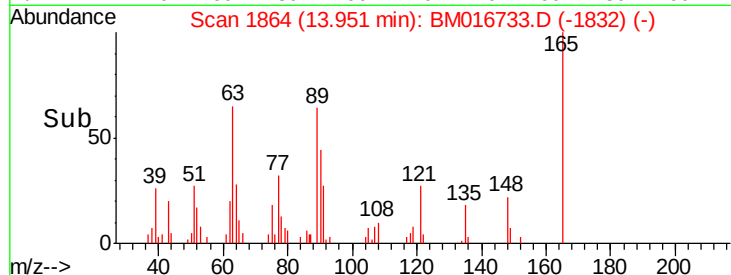
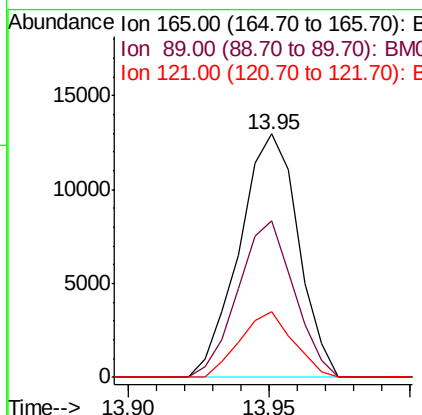
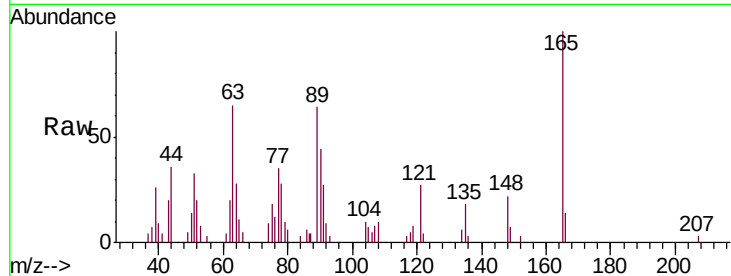




#46
 2,6-Dinitrotoluene
 Concen: 3.244 ng/ul
 RT: 13.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

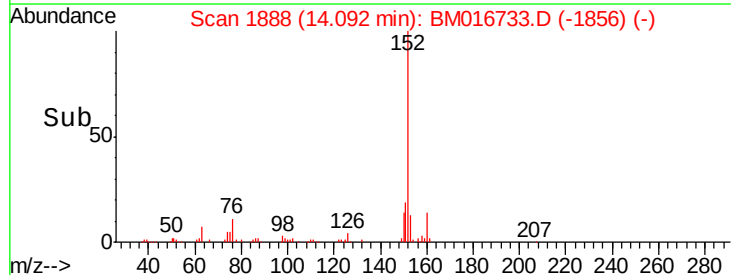
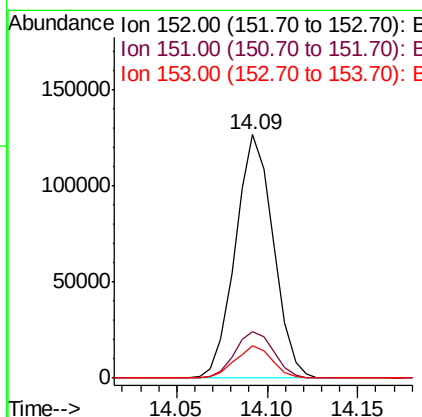
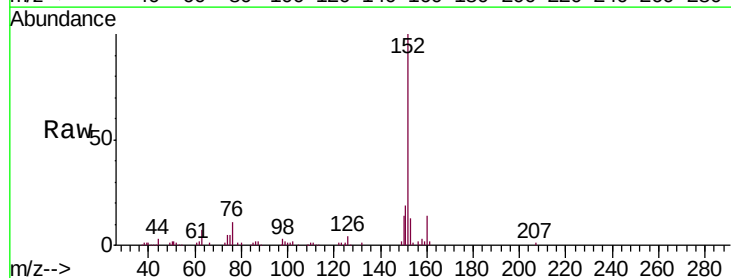
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

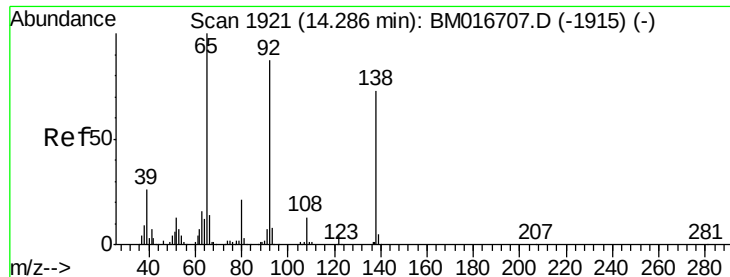
Tgt Ion:165 Resp: 18787
 Ion Ratio Lower Upper
 165 100
 89 64.4 43.8 65.8
 121 27.0 17.8 26.6#



#48
 Acenaphthylene
 Concen: 3.904 ng/ul
 RT: 14.09 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion:152 Resp: 184140
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.1 24.1
 153 13.1 10.8 16.2





#49

3-Nitroaniline

Concen: 2.910 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-01

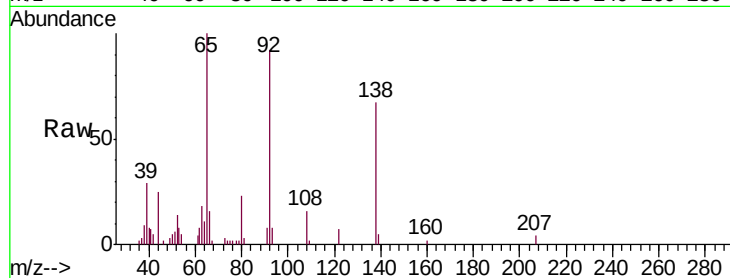
Tgt Ion:138 Resp: 18326

Ion Ratio Lower Upper

138 100

108 23.4 7.6 11.4#

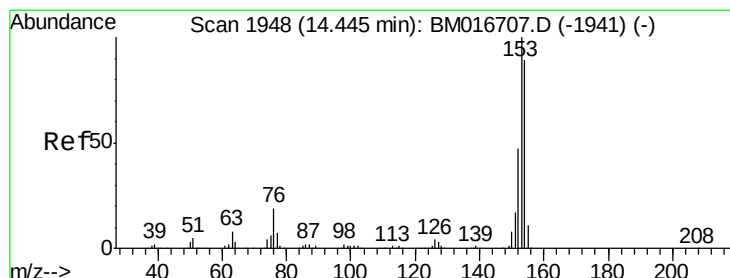
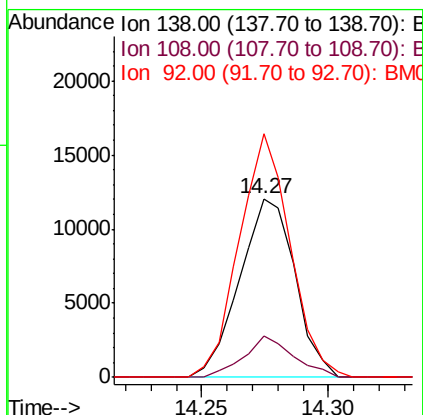
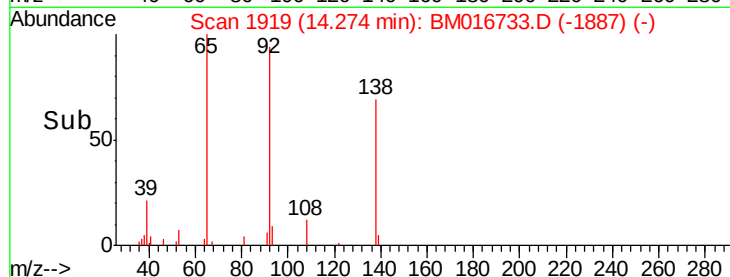
92 136.2 94.2 141.2



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: 3.812 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

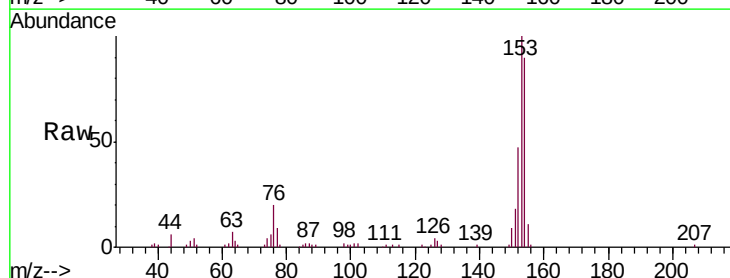
Tgt Ion:153 Resp: 127649

Ion Ratio Lower Upper

153 100

152 47.3 37.9 56.9

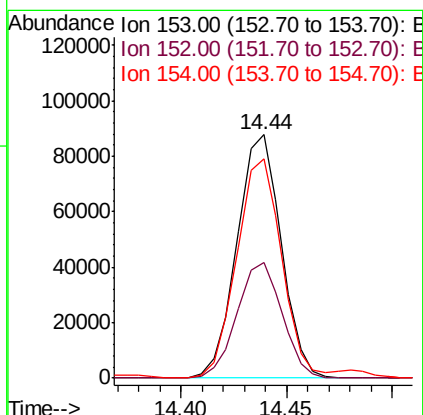
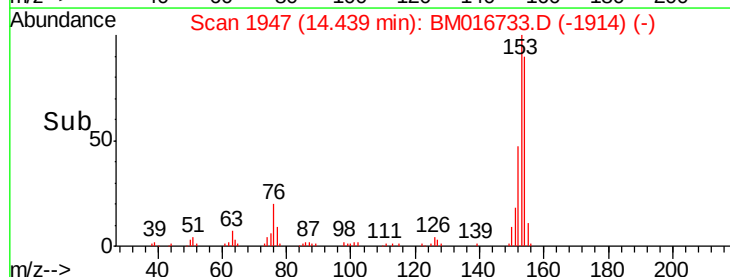
154 90.3 69.8 104.6

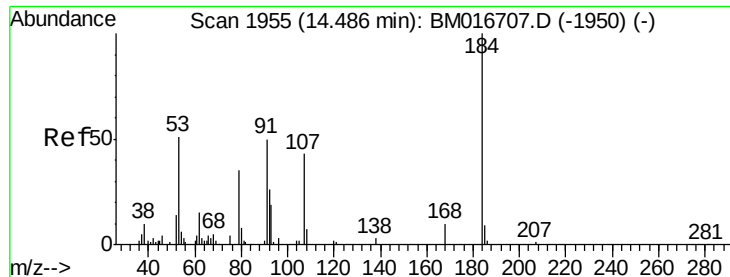


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

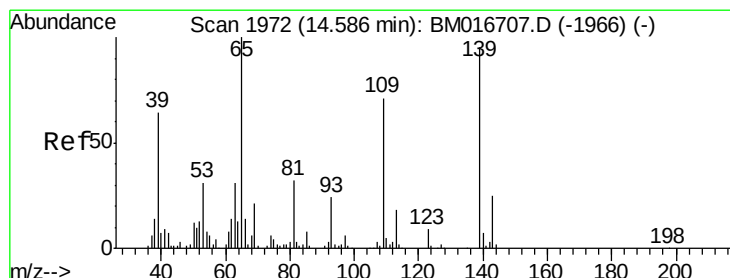
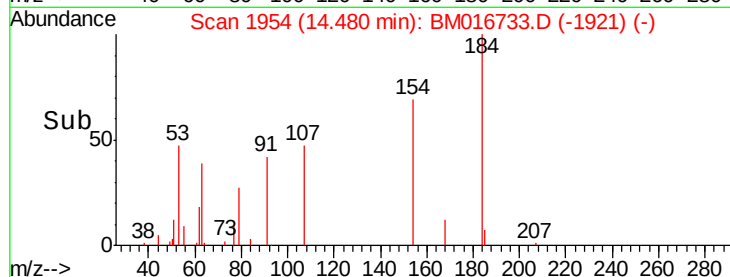
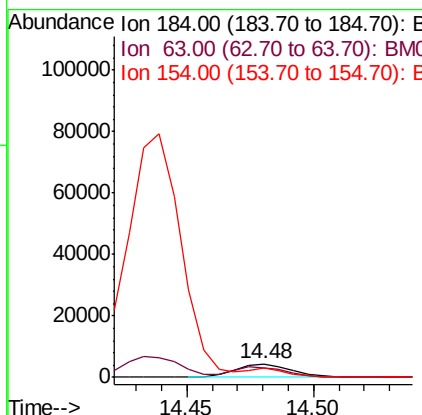
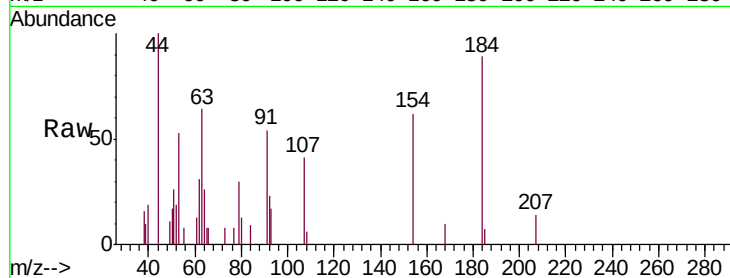




#51
 2,4-Dinitrophenol
 Concen: 2.571 ng/ul
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

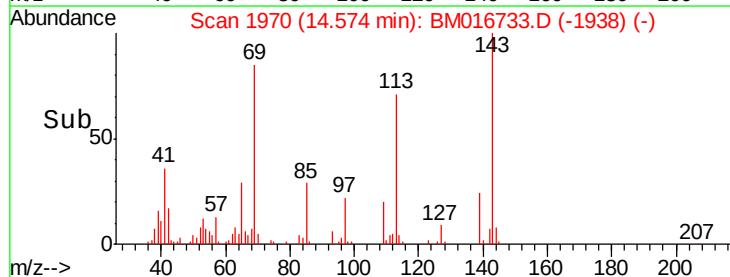
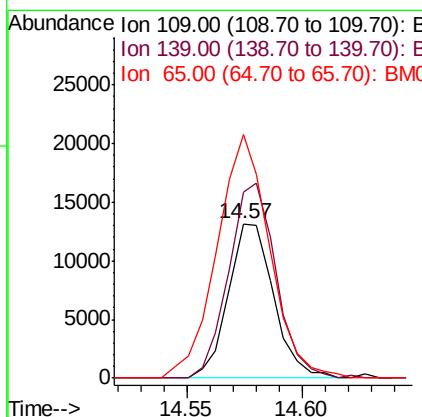
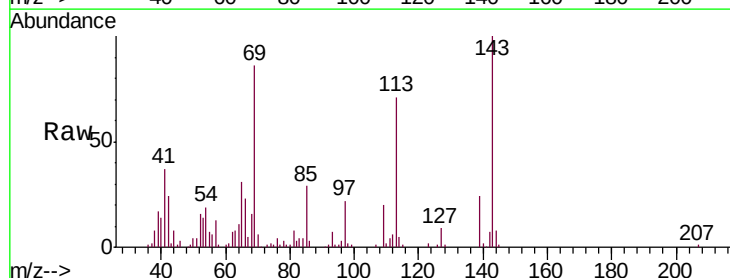
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

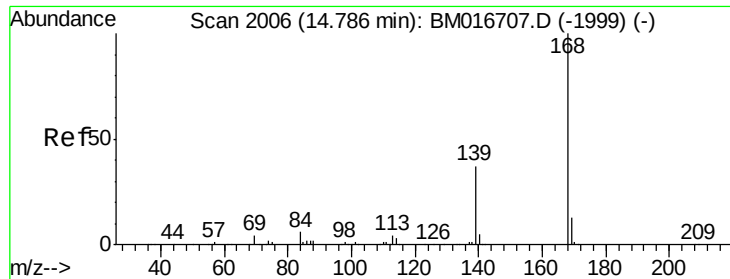
Tgt Ion:184 Resp: 6659
 Ion Ratio Lower Upper
 184 100
 63 72.5 39.7 59.5#
 154 69.3 45.0 67.6#



#53
 4-Nitrophenol
 Concen: 3.694 ng/ul
 RT: 14.57 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion:109 Resp: 18024
 Ion Ratio Lower Upper
 109 100
 139 120.9 91.2 136.8
 65 157.8 92.6 139.0#





#54

Dibenzofuran

Concen: 3.952 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

Instrument :

BNA_M

ClientSampled :

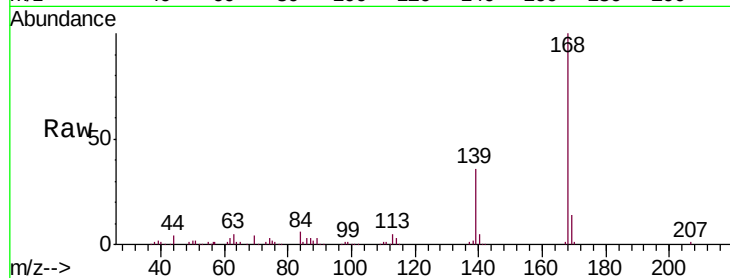
MDL-S-ME-01

Tgt Ion:168 Resp: 181552

Ion Ratio Lower Upper

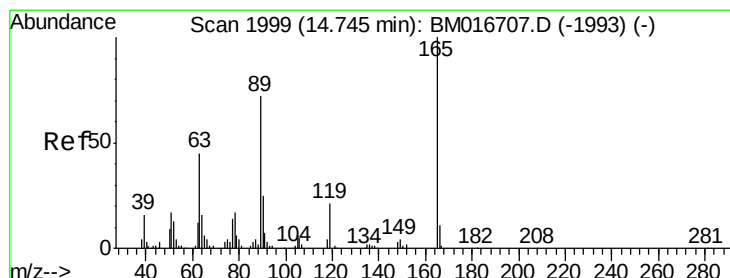
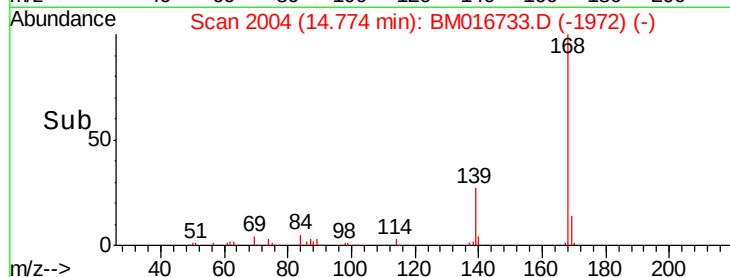
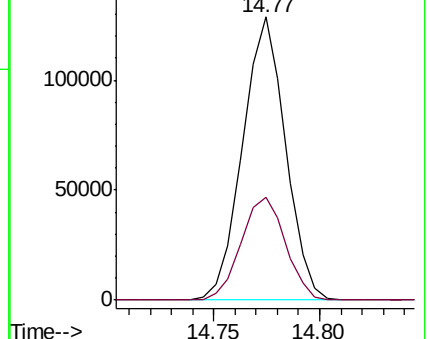
168 100

139 36.5 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.420 ng/ul

RT: 14.74 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

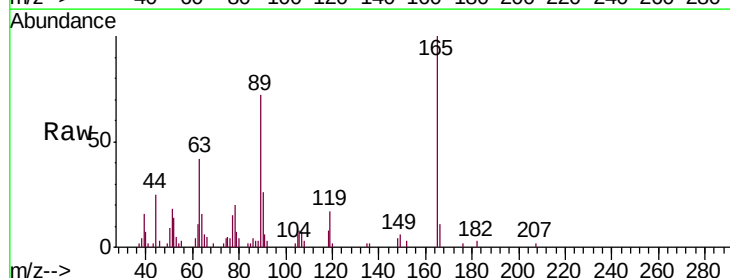
Tgt Ion:165 Resp: 29120

Ion Ratio Lower Upper

165 100

63 41.6 31.4 47.0

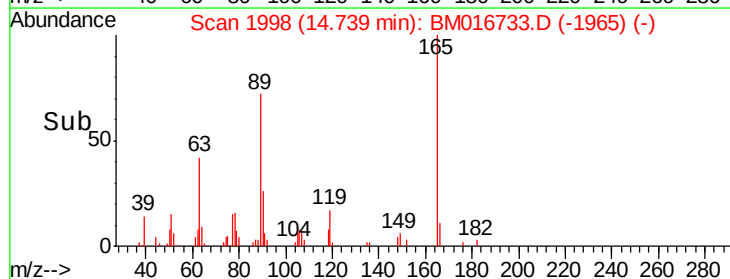
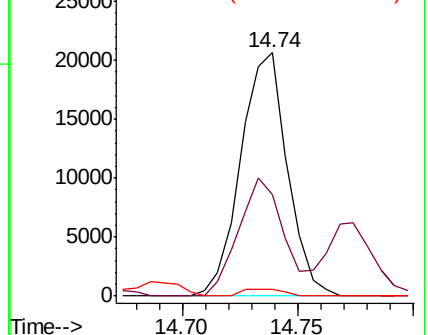
182 3.0 2.7 4.1

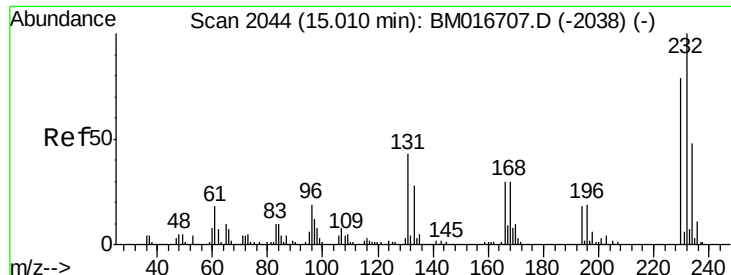


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

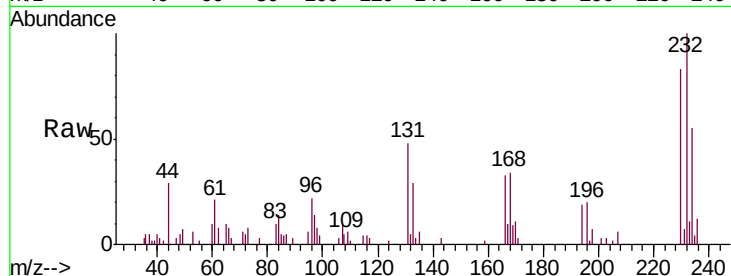




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.044 ng/ul
 RT: 15.00 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.2	27.1	40.7#
130	0.0	0.0	0.0
166	33.0	20.0	30.0#



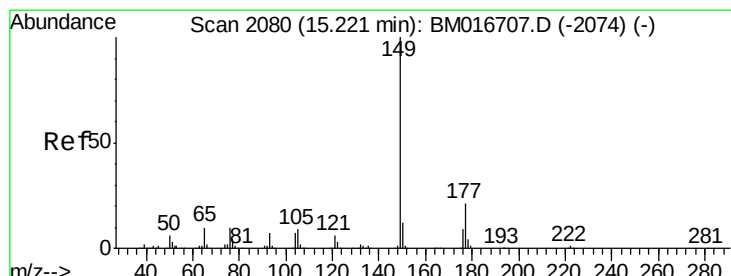
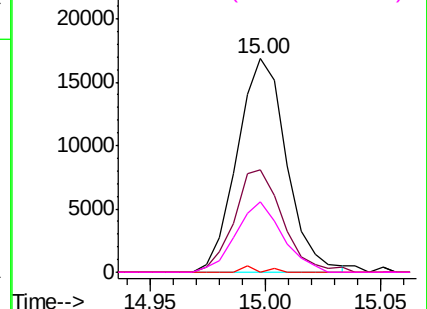
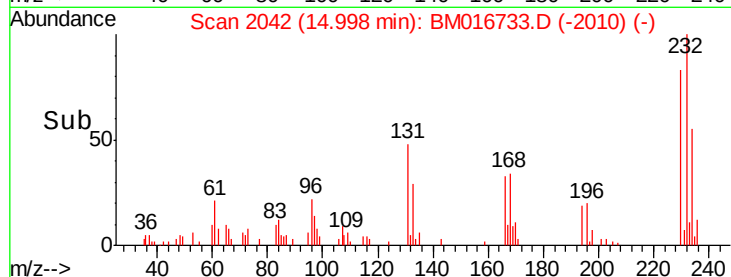
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

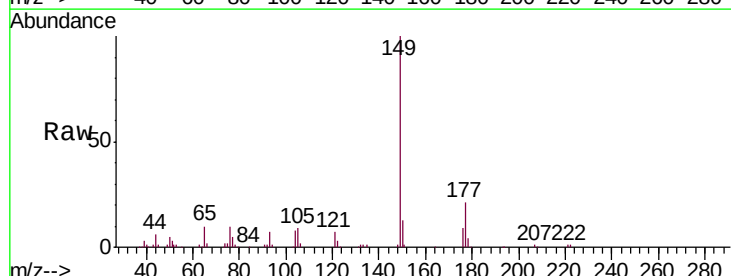
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57
 Diethylphthalate
 Concen: 3.627 ng/ul
 RT: 15.21 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	19.3	28.9
150	12.8	10.6	15.8

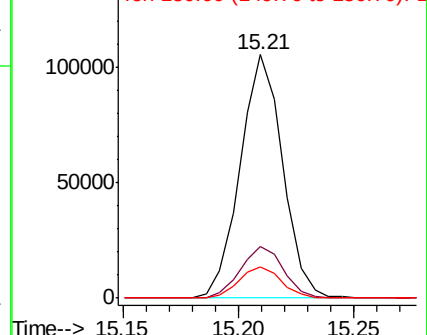
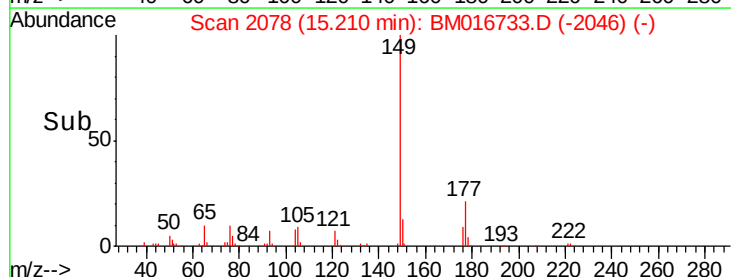


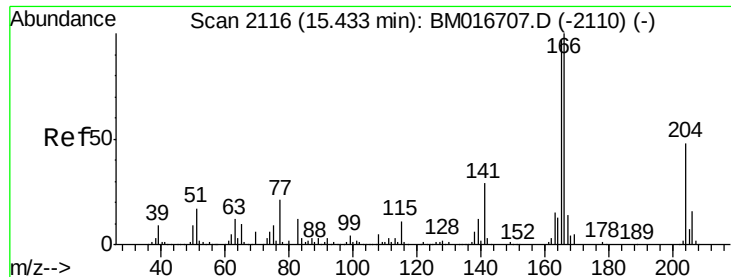
Abundance

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: 3.905 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-01

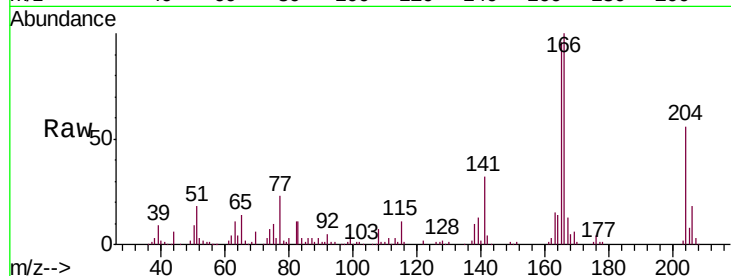
Tgt Ion:166 Resp: 147392

Ion Ratio Lower Upper

166 100

165 96.3 78.4 117.6

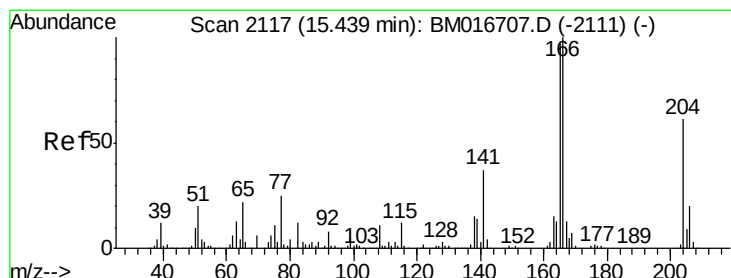
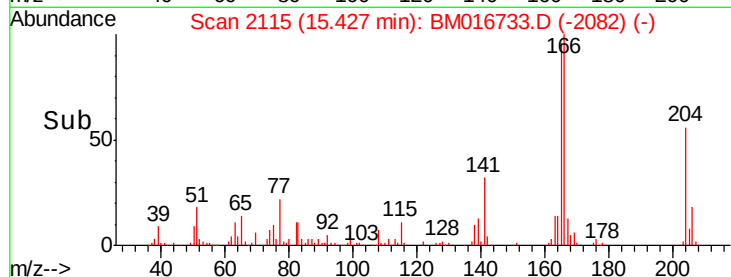
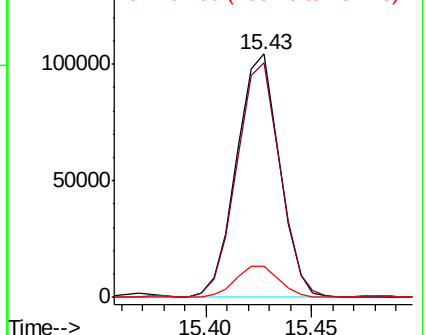
167 12.8 11.1 16.7



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



#60

4-Chlorophenyl-phenylether

Concen: 4.041 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

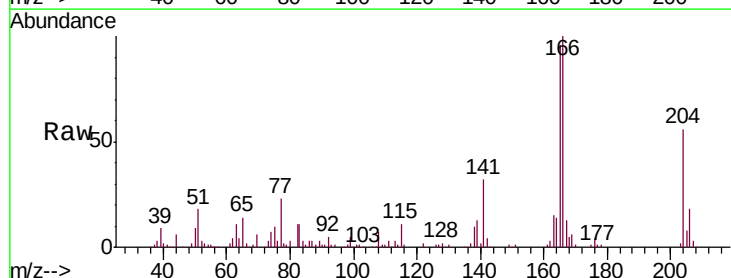
Tgt Ion:204 Resp: 77332

Ion Ratio Lower Upper

204 100

206 32.8 26.6 40.0

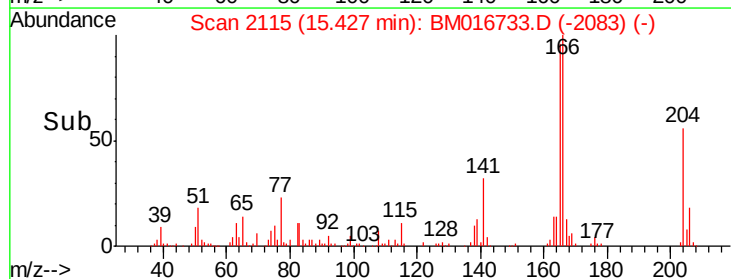
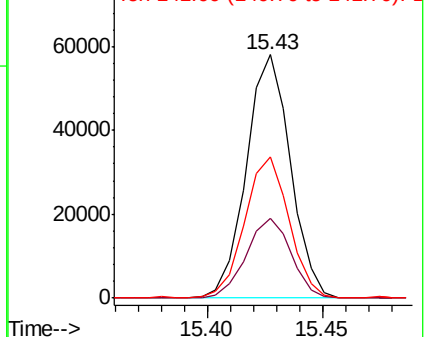
141 58.1 40.7 61.1

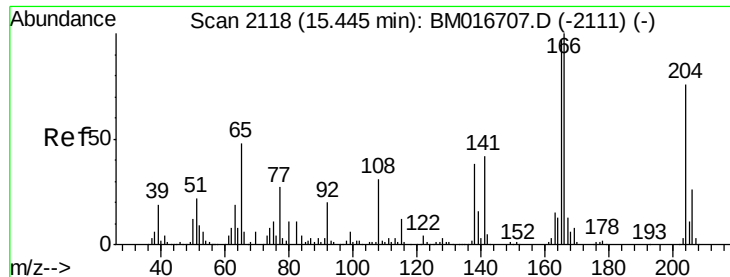


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

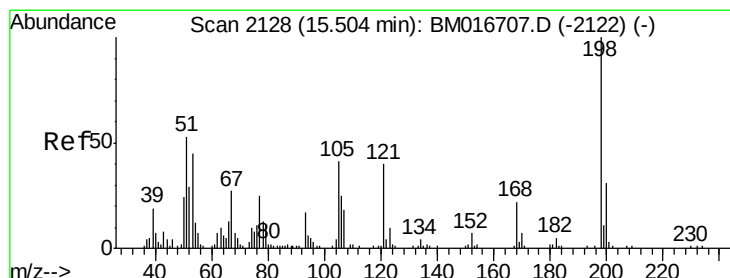
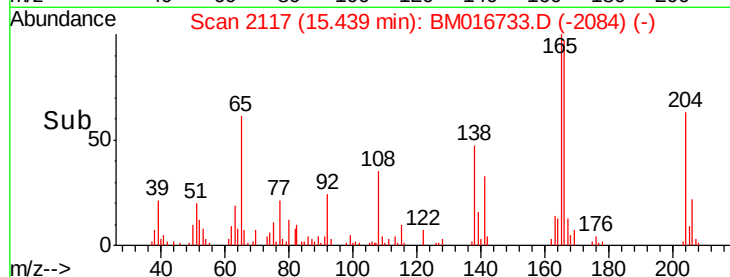
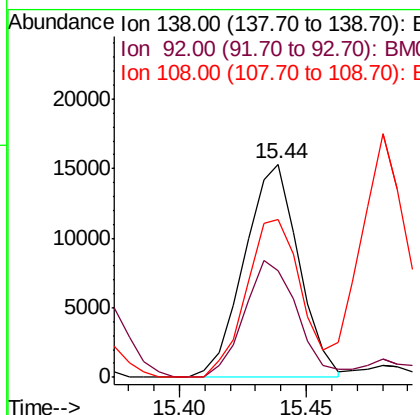
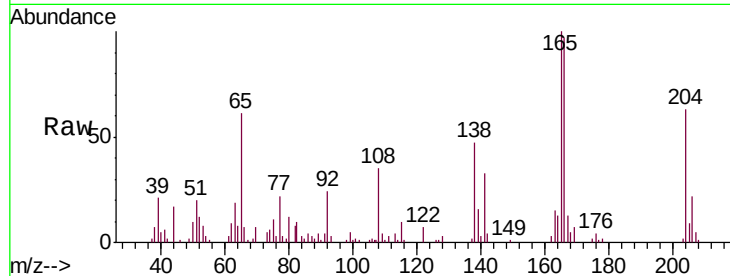




#61
 4-Nitroaniline
 Concen: 2.963 ng/ul
 RT: 15.44 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

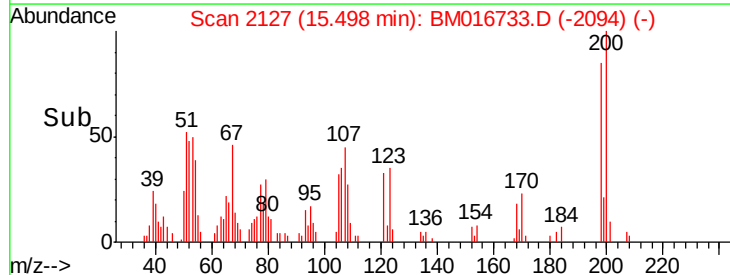
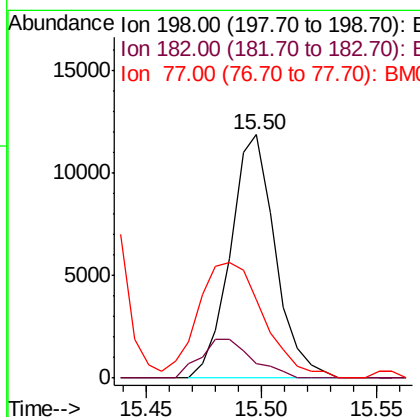
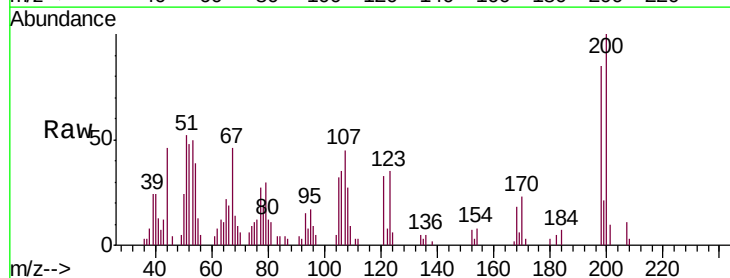
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

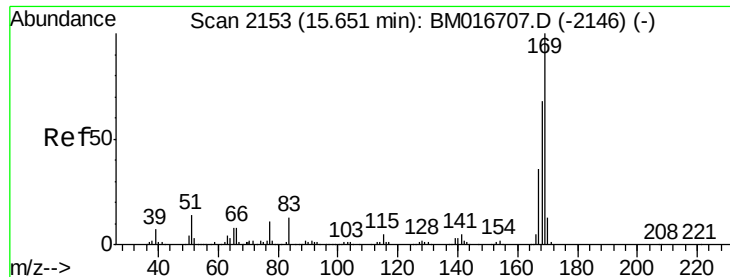
Tgt Ion:138 Resp: 22921
 Ion Ratio Lower Upper
 138 100
 92 50.2 38.2 57.4
 108 73.7 70.0 105.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.325 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion:198 Resp: 16159
 Ion Ratio Lower Upper
 198 100
 182 6.0 3.5 5.3#
 77 32.1 18.2 27.4#

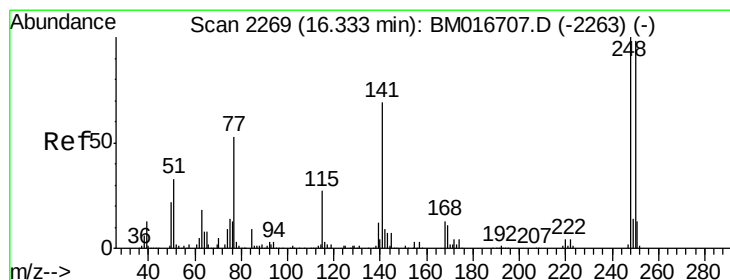
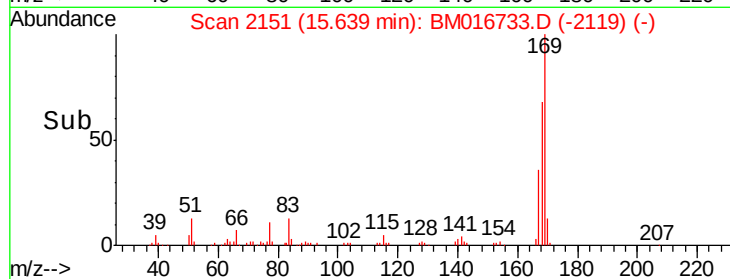
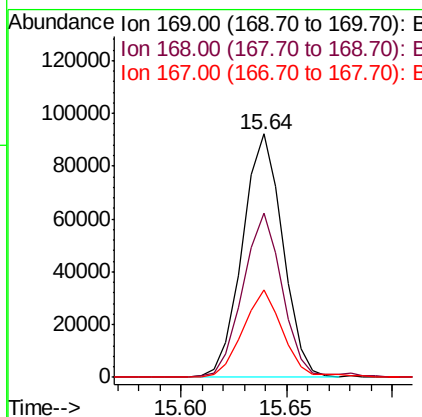
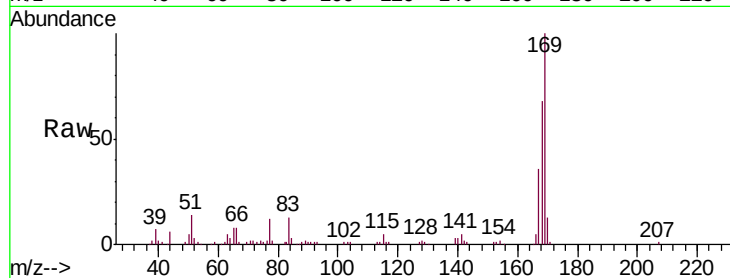




#65
 N-Nitrosodiphenylamine
 Concen: 3.745 ng/ul
 RT: 15.64 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

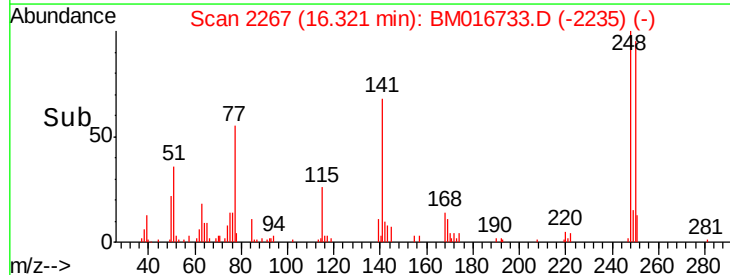
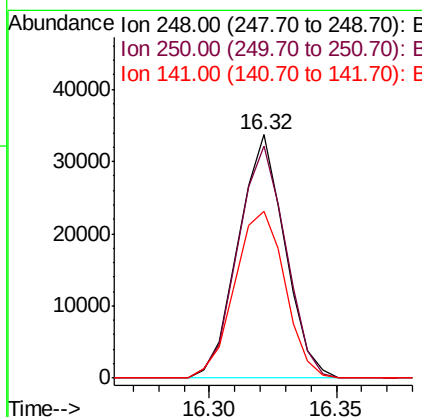
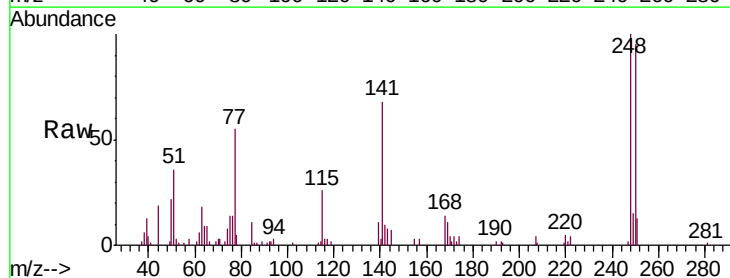
Instrument :
 BNA_M
 ClientSampleId :
 MDL-S-ME-01

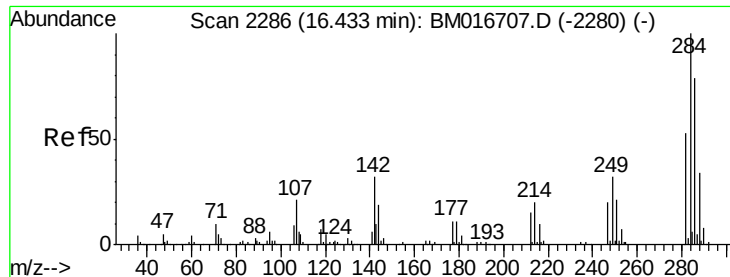
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.8	80.8
167	36.1	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 3.615 ng/ul
 RT: 16.32 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM016733.D
 Acq: 11 Sep 2018 21:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	79.0	118.4
141	68.4	51.9	77.9

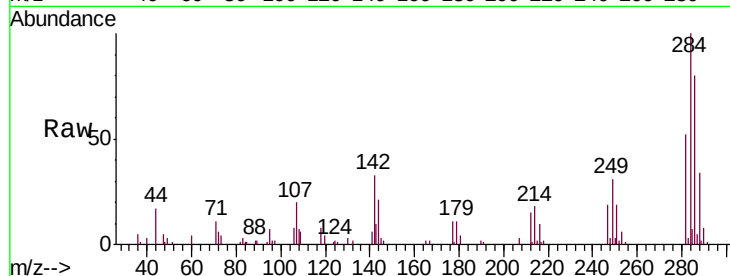




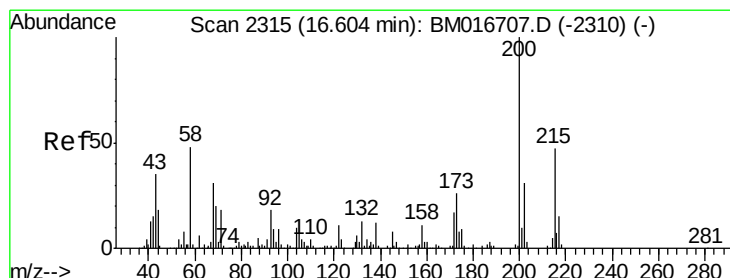
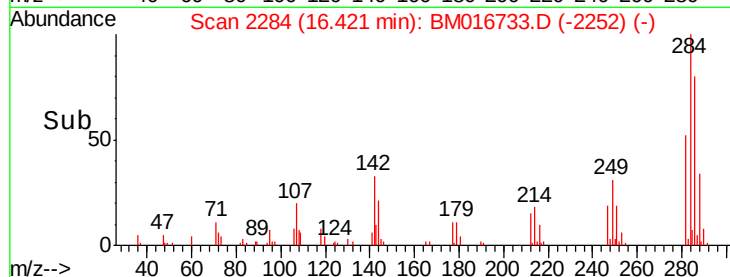
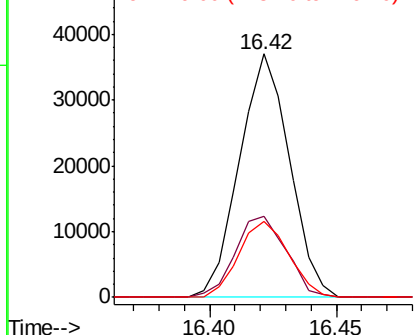
#67
Hexachlorobenzene
Concen: 3.946 ng/ul
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM016733.D
Acq: 11 Sep 2018 21:32

Instrument :
BNA_M
ClientSampleId :
MDL-S-ME-01

Tgt Ion:284 Resp: 50723
Ion Ratio Lower Upper
284 100
142 33.2 21.3 31.9#
249 30.9 26.3 39.5

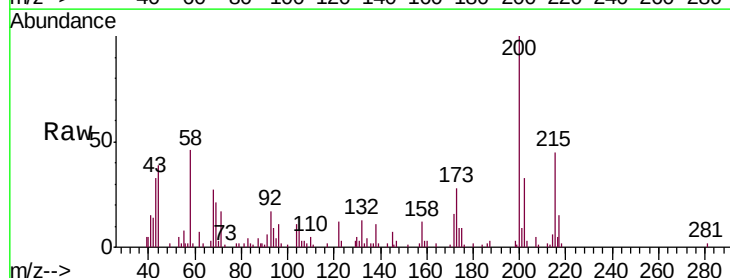


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

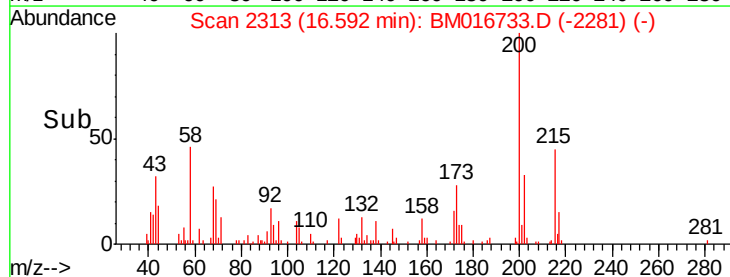
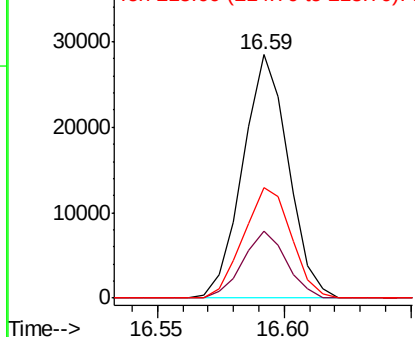


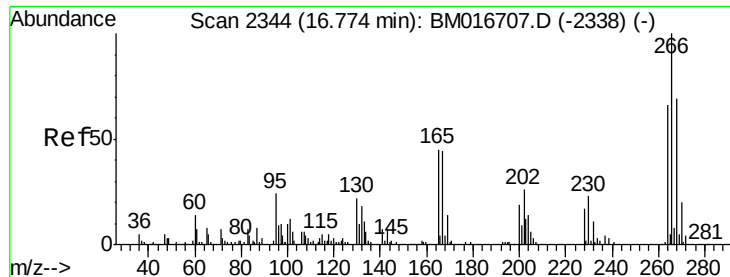
#68
Atrazine
Concen: 3.091 ng/ul
RT: 16.59 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BM016733.D
Acq: 11 Sep 2018 21:32

Tgt Ion:200 Resp: 35674
Ion Ratio Lower Upper
200 100
173 27.7 20.6 31.0
215 45.2 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: 2.533 ng/ul

RT: 16.77 min Scan# 2343

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

Instrument :

BNA_M

ClientSampleId :

MDL-S-ME-01

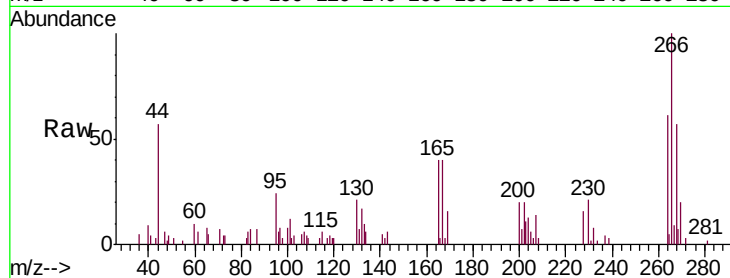
Tgt Ion:266 Resp: 17604

Ion Ratio Lower Upper

266 100

264 61.4 48.2 72.4

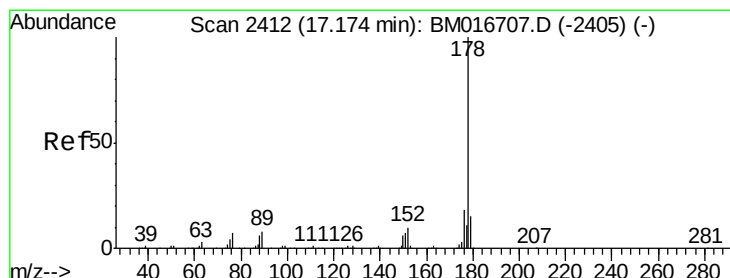
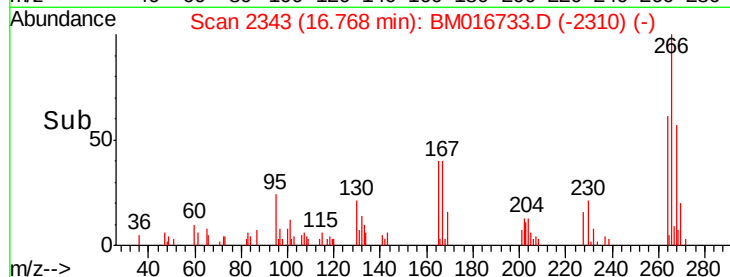
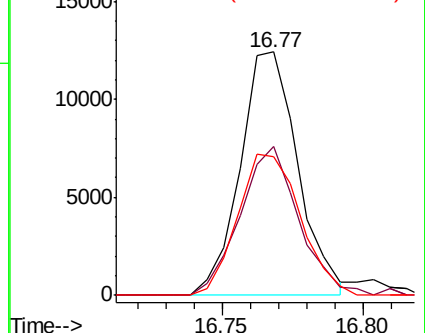
268 63.7 52.3 78.5



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: 3.945 ng/ul

RT: 17.16 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM016733.D

Acq: 11 Sep 2018 21:32

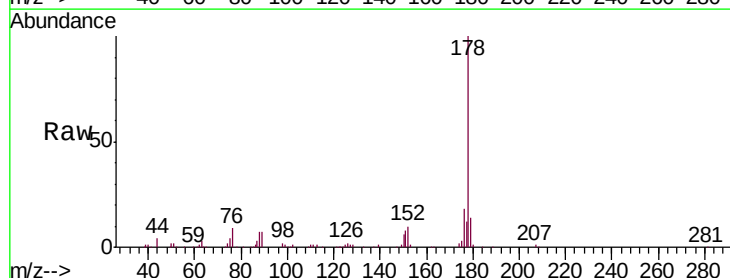
Tgt Ion:178 Resp: 231353

Ion Ratio Lower Upper

178 100

179 14.1 12.3 18.5

176 18.3 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

