

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082316\
 Data File : BM007259.D
 Acq On : 23 Aug 2016 19:15
 Operator : UM/SJ
 Sample : MDL-06-S
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

Quant Time: Aug 24 05:23:25 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 13:53:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	162137	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	824401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	615199	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1678665	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2449704	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2698199	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9186	2.90	ng/uL	0.00
5) Phenol-d5	6.97	99	361452	23.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	216618	26.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	288366	25.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	321118	24.04	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	159382	26.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	181888	25.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	334591	23.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	479969	27.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1470754	27.71	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1620894	26.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	265179	26.47	ng/ul	0.00
57) Fluorene-d10	15.43	176	1228061	26.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	265803	25.18	ng/ul	0.00
70) Anthracene-d10	17.27	188	2154686	27.48	ng/ul	0.00
76) Pyrene-d10	19.57	212	2755928	26.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3445190	27.72	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	2184	0.62 ng/uL#	75
4) Benzaldehyde	6.95	77	24853	2.85 ng/ul	89
6) Phenol	6.99	94	34134	2.15 ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.23	93	28220	2.55 ng/ul	95
10) 2-Chlorophenol	7.37	128	26710	2.30 ng/ul	95
11) 2-Methylphenol	8.24	108	25707	2.07 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.33	45	31494	2.53 ng/ul	97
14) Acetophenone	8.62	105	50512	2.47 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	26634	2.45 ng/ul	98
16) 4-Methylphenol	8.56	108	31264	2.24 ng/ul	97
17) Hexachloroethane	8.87	117	10720	2.38 ng/ul	92
20) Nitrobenzene	9.00	77	37890	2.44 ng/ul	98
21) Isophorone	9.52	82	75411	2.38 ng/ul	99
23) 2-Nitrophenol	9.70	139	19525	2.54 ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	36800	2.17 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.00	93	41192	2.31 ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	31699	2.27 ng/ul#	86
28) Naphthalene	10.64	128	96591	2.36 ng/ul	98
30) 4-Chloroaniline	10.75	127	45806	2.54 ng/ul	94
31) Hexachlorobutadiene	10.92	225	23630	2.50 ng/ul	96
32) Caprolactam	11.53	113	12886	2.29 ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	37557	2.17 ng/ul	96
34) 2-Methylnaphthalene	12.25	142	79035	2.36 ng/ul	95

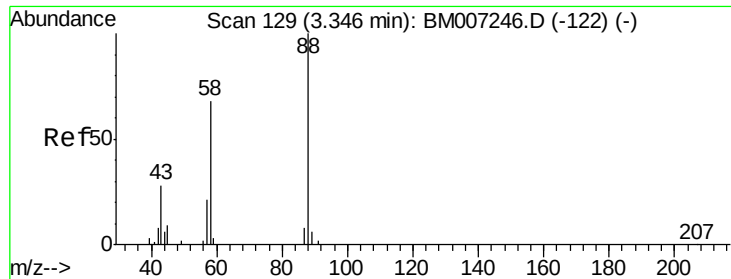
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	47891	2.34	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	23369	1.89	ng/ul#	90
38) 2,4,6-Trichlorophenol	12.86	196	30219	2.09	ng/ul	98
39) 2,4,5-Trichlorophenol	12.86	196	30219	2.00	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	111446	2.34	ng/ul	95
41) 2-Chloronaphthalene	13.30	162	86103	2.30	ng/ul	97
42) 2-Nitroaniline	13.51	65	26091	2.14	ng/ul	91
44) Dimethylphthalate	13.89	163	133630	2.53	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	22543	2.09	ng/ul	93
47) Acenaphthylene	14.15	152	150280	2.37	ng/ul	96
48) 3-Nitroaniline	14.34	138	24262	2.20	ng/ul	98
49) Acenaphthene	14.50	153	98398	2.39	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	10761	1.47	ng/ul	93
52) 4-Nitrophenol	14.64	109	27502	2.58	ng/ul	94
53) Dibenzofuran	14.83	168	149844	2.43	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	37803	2.28	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.06	232	35248	2.27	ng/ul#	96
56) Diethylphthalate	15.26	149	136270	2.47	ng/ul	98
58) Fluorene	15.48	166	128740	2.54	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.47	204	66806	2.52	ng/ul	95
60) 4-Nitroaniline	15.50	138	30597	2.44	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.56	198	26940	2.39	ng/ul#	69
64) N-Nitrosodiphenylamine	15.69	169	116005	2.48	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	45429	2.40	ng/ul	97
66) Hexachlorobenzene	16.48	284	53607	2.53	ng/ul	97
67) Atrazine	16.64	200	47410	2.40	ng/ul	98
68) Pentachlorophenol	16.83	266	26166	1.91	ng/ul	99
69) Phenanthrene	17.22	178	229287	2.54	ng/ul	99
71) Anthracene	17.31	178	236018	2.54	ng/ul	98
72) Carbazole	17.58	167	206600	2.56	ng/ul	99
73) Di-n-butylphthalate	18.14	149	248711	2.44	ng/ul	99
74) Fluoranthene	19.23	202	311974	2.76	ng/ul	98
77) Pyrene	19.60	202	336784	2.56	ng/ul	98
78) Butylbenzylphthalate	20.49	149	119462	2.18	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	126523	2.60	ng/ul	99
80) Benzo(a)anthracene	21.34	228	378408	2.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	185435	2.34	ng/ul	97
82) Chrysene	21.39	228	343850	2.63	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	334944	2.49	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	410084	2.57	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	388514	2.63	ng/ul	99
88) Benzo(a)pyrene	23.53	252	409145	2.68	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	489961	2.62	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	414523	2.66	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	408146	2.57	ng/ul	98

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



#2

1,4-Dioxane

Concen: 0.62 ng/uL

RT: 3.35 min Scan# 130

Delta R.T. 0.01 min

Lab File: BM007259.D

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Instrument :

BNA_M

ClientSampleId :

MDL-06-S

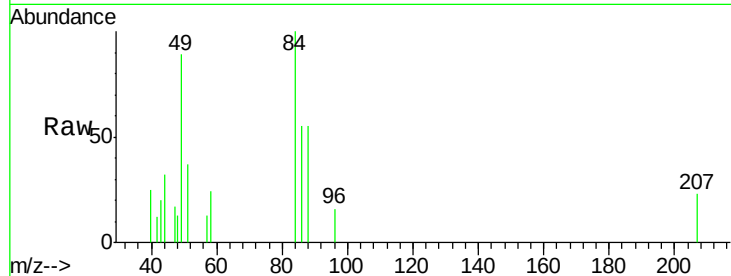
Tgt Ion: 88 Resp: 2184

Ion Ratio Lower Upper

88 100

43 47.2 22.6 34.0#

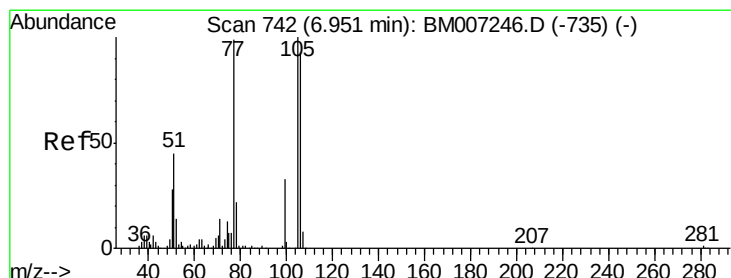
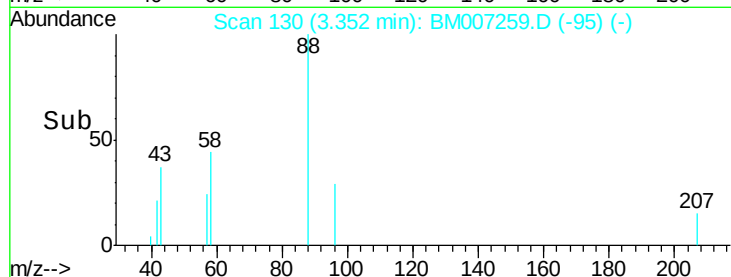
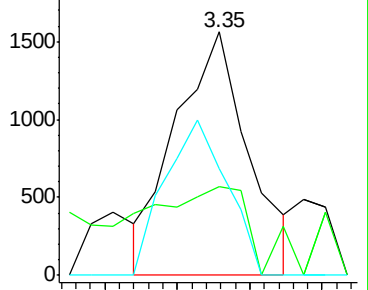
58 54.4 57.3 85.9#



Abundance Ion 88.00 (87.70 to 88.70): BM007246.D (-122) (-)

Ion 43.00 (42.70 to 43.70): BM007246.D (-122) (-)

Ion 58.00 (57.70 to 58.70): BM007246.D (-122) (-)



#4

Benzaldehyde

Concen: 2.85 ng/uL

RT: 6.95 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

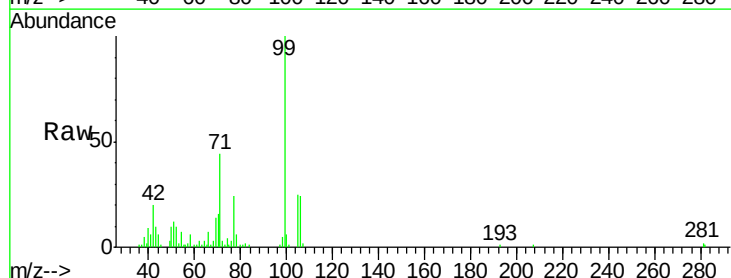
Tgt Ion: 77 Resp: 24853

Ion Ratio Lower Upper

77 100

105 107.6 76.9 115.3

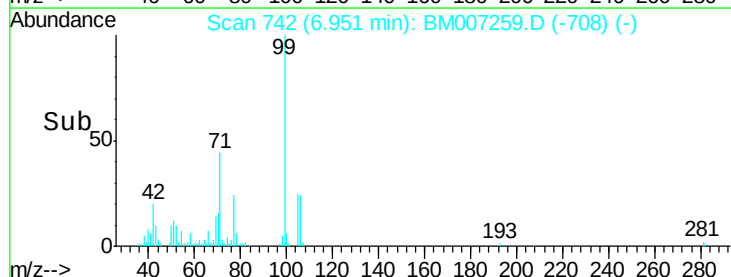
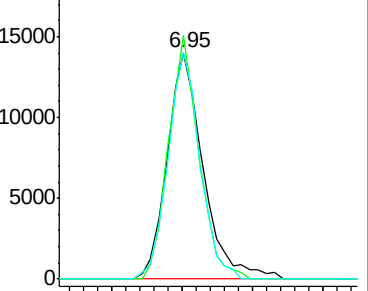
106 100.3 71.8 107.8

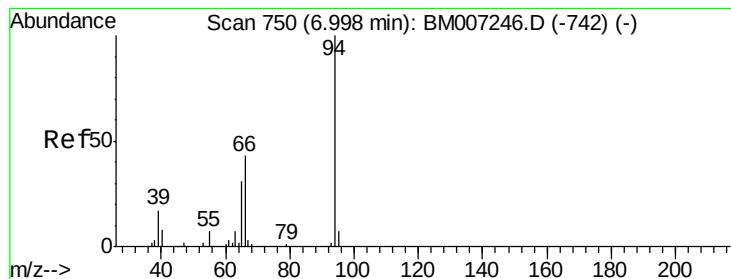


Abundance Ion 77.00 (76.70 to 77.70): BM007246.D (-735) (-)

Ion 105.00 (104.70 to 105.70): BM007246.D (-735) (-)

Ion 106.00 (105.70 to 106.70): BM007246.D (-735) (-)





#6

Phenol

Concen: 2.15 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampled :

MDL-06-S

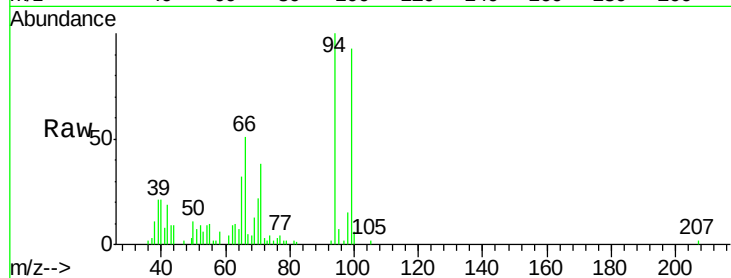
Tgt Ion: 94 Resp: 34134

Ion Ratio Lower Upper

94 100

65 32.0 23.9 35.9

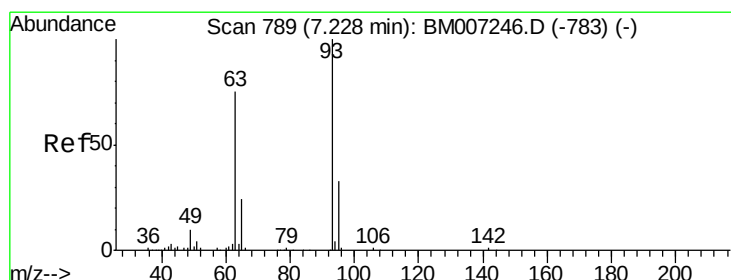
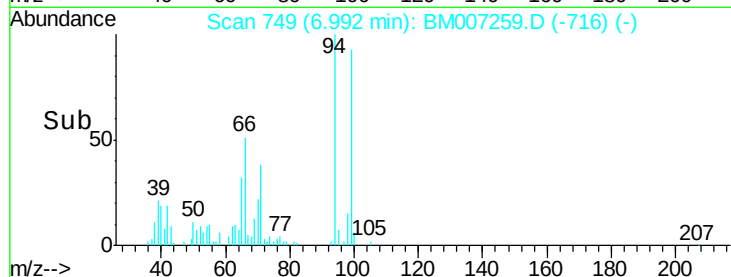
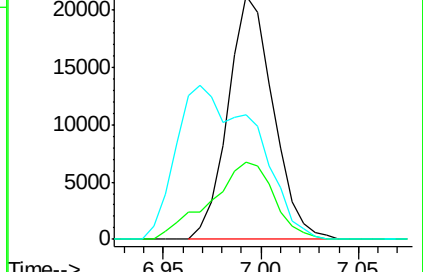
66 51.4 33.5 50.3#



Abundance Ion 94.00 (93.70 to 94.70): BM007246.D (-742) (-)

Ion 65.00 (64.70 to 65.70): BM007246.D (-742) (-)

Ion 66.00 (65.70 to 66.70): BM007246.D (-742) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 2.55 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

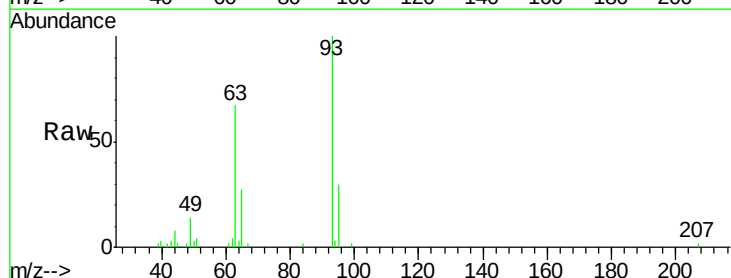
Tgt Ion: 93 Resp: 28220

Ion Ratio Lower Upper

93 100

63 66.7 57.3 85.9

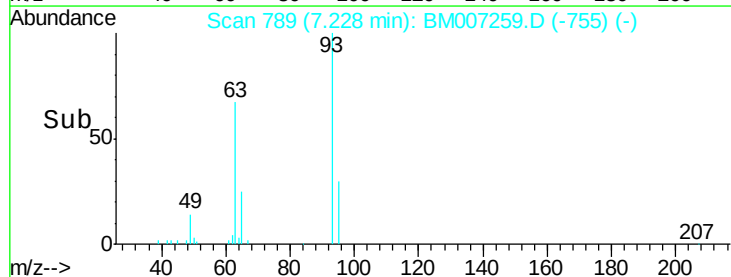
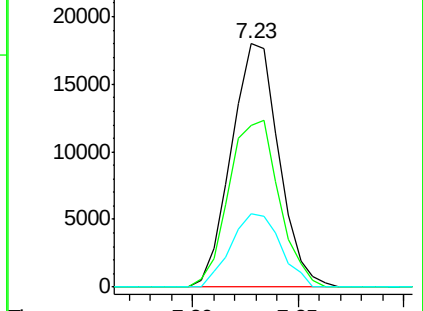
95 30.3 25.1 37.7

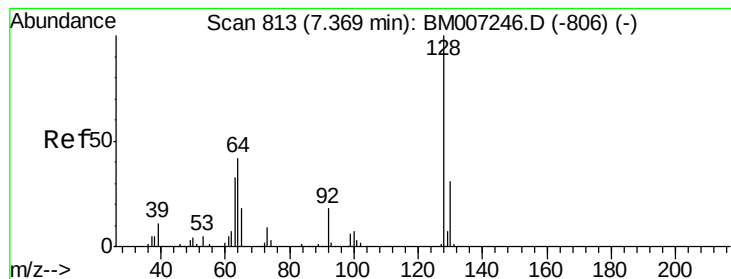


Abundance Ion 93.00 (92.70 to 93.70): BM007246.D (-783) (-)

Ion 63.00 (62.70 to 63.70): BM007246.D (-783) (-)

Ion 95.00 (94.70 to 95.70): BM007246.D (-783) (-)





#10

2-Chlorophenol

Concen: 2.30 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

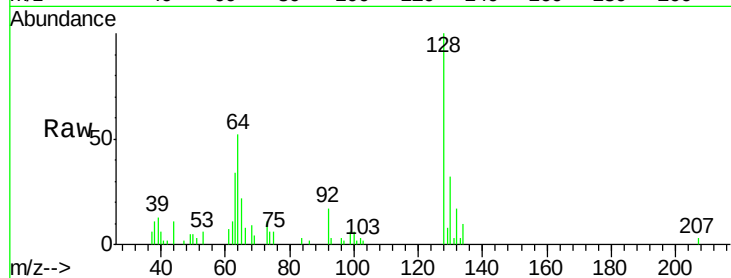
Tgt Ion:128 Resp: 26710

Ion Ratio Lower Upper

128 100

64 51.8 37.5 56.3

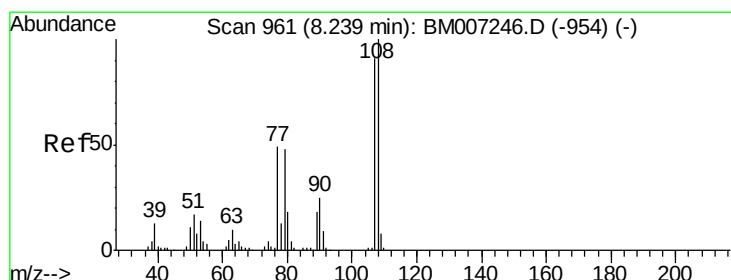
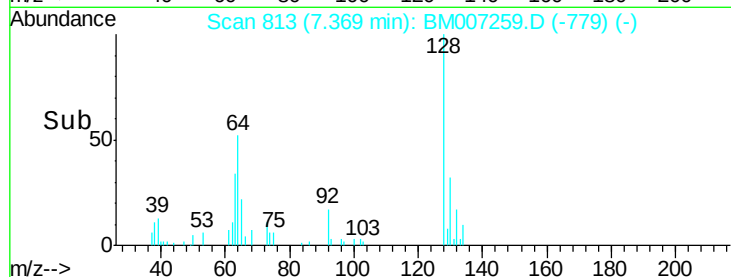
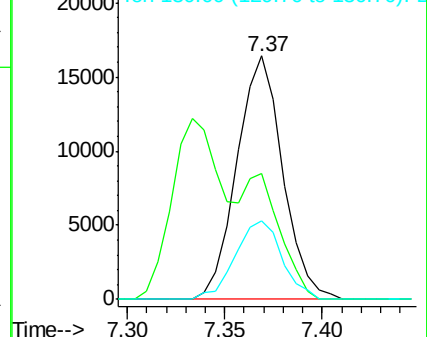
130 32.1 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM007246.D (-806) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 2.07 ng/ul

RT: 8.24 min Scan# 961

Delta R.T. 0.00 min

Lab File: BM007259.D

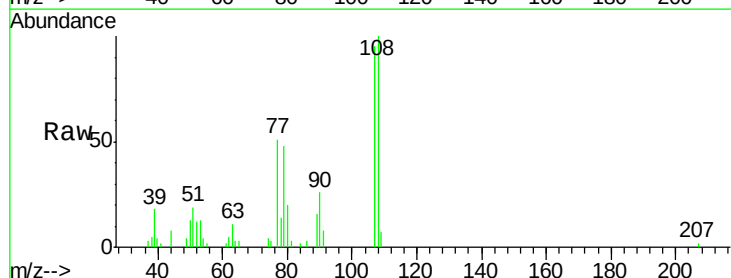
Acq: 23 Aug 2016 19:15

Tgt Ion:108 Resp: 25707

Ion Ratio Lower Upper

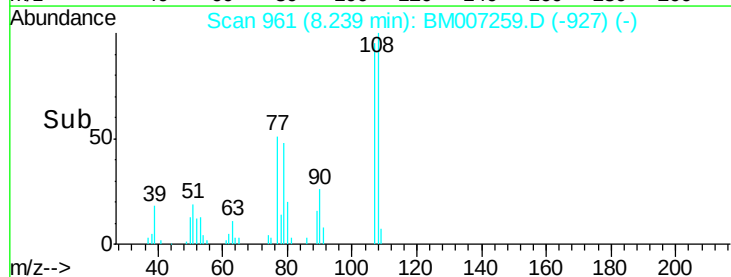
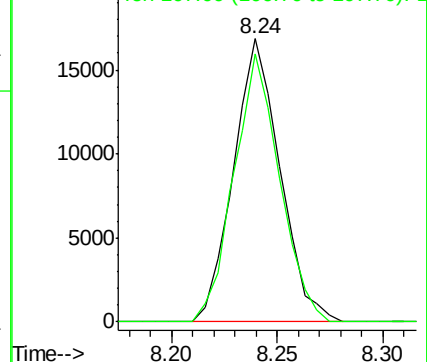
108 100

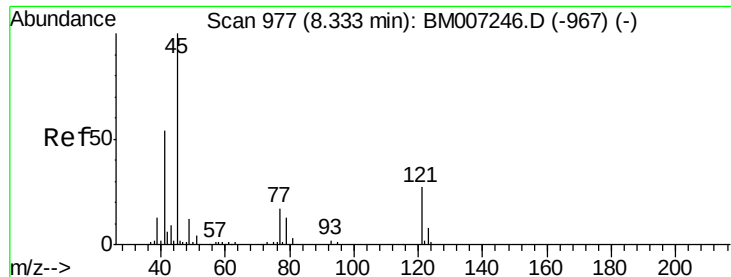
107 94.5 71.8 107.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

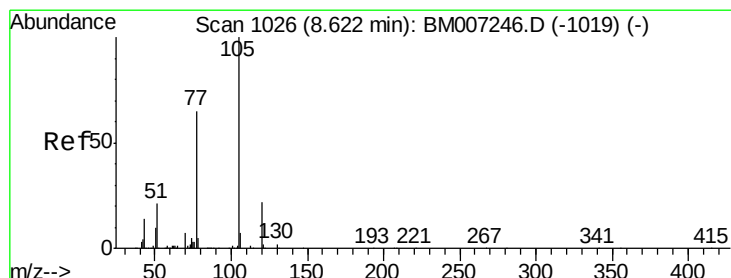
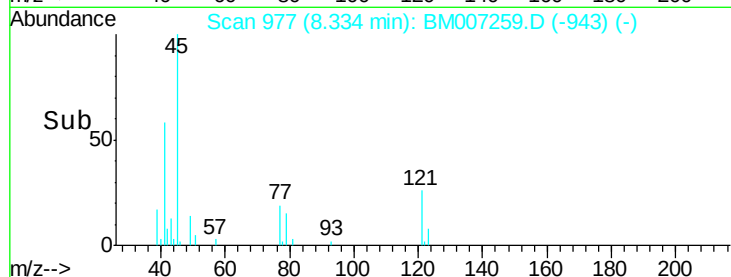
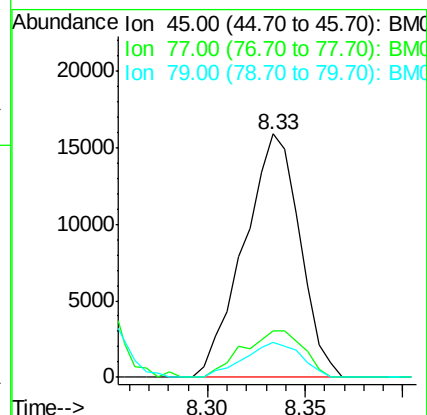
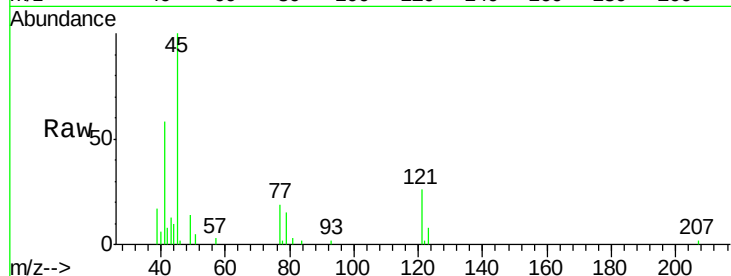




#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.53 ng/ul
RT: 8.33 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

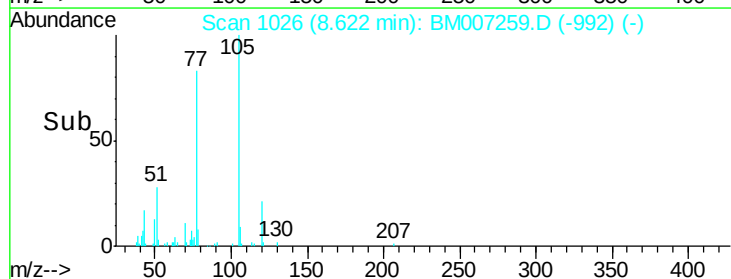
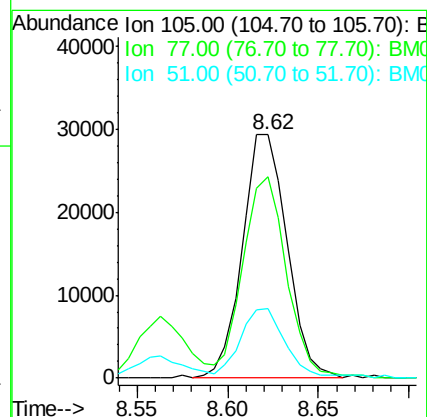
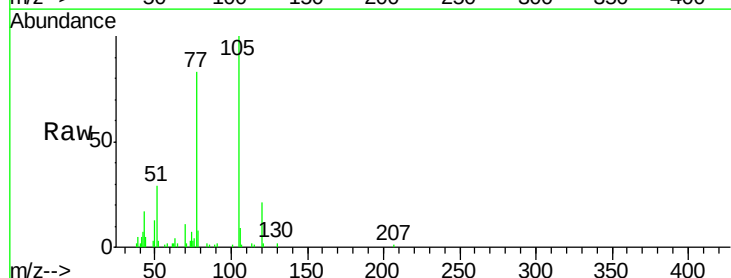
Instrument :
BNA_M
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MDL-06-S

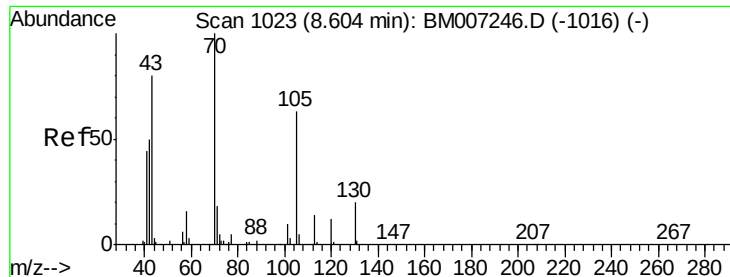
Tgt Ion: 45 Resp: 31494
Ion Ratio Lower Upper
45 100
77 18.9 14.1 21.1
79 14.6 10.4 15.6



#14
Acetophenone
Concen: 2.47 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

Tgt Ion: 105 Resp: 50512
Ion Ratio Lower Upper
105 100
77 82.6 65.9 98.9
51 28.7 22.2 33.2





#15

N-Nitroso-di-n-propylamine

Concen: 2.45 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

Tgt Ion: 70 Resp: 26634

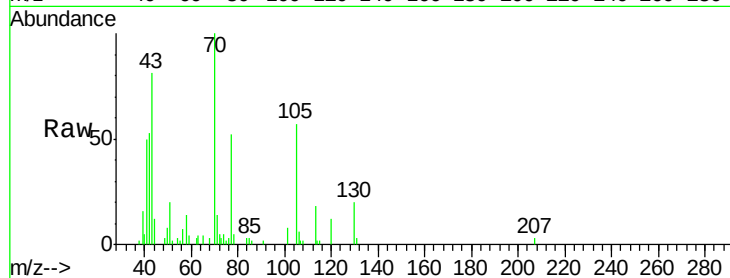
Ion Ratio Lower Upper

70 100

42 53.4 43.4 65.2

101 8.3 7.8 11.6

130 19.5 16.2 24.4



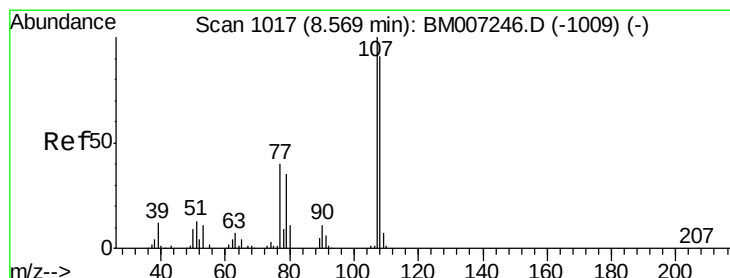
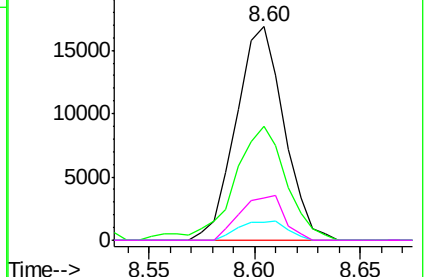
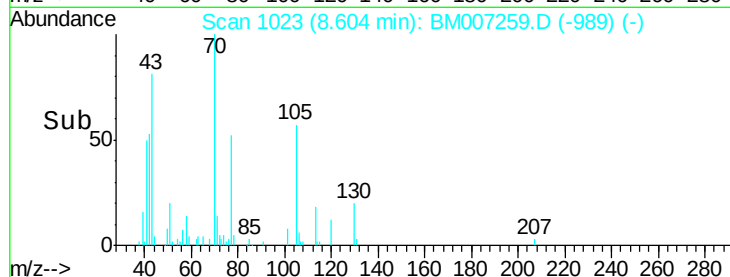
Abundance Ion 70.00 (69.70 to 70.70): BM007246.D (-1016) (-)

Ion 42.00 (41.70 to 42.70): BM007246.D (-1016) (-)

Ion 101.00 (100.70 to 101.70): BM007246.D (-1016) (-)

Ion 130.00 (129.70 to 130.70): BM007246.D (-1016) (-)

Time-->



#16

4-Methylphenol

Concen: 2.24 ng/ul

RT: 8.56 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BM007259.D

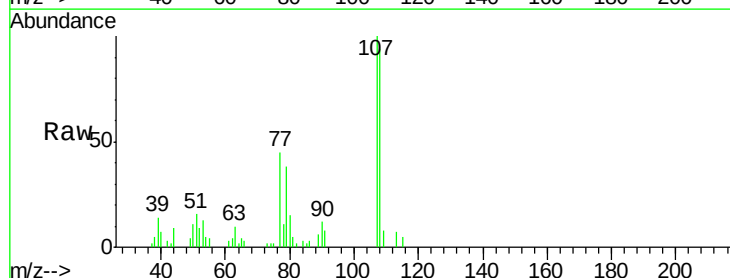
Acq: 23 Aug 2016 19:15

Tgt Ion: 108 Resp: 31264

Ion Ratio Lower Upper

108 100

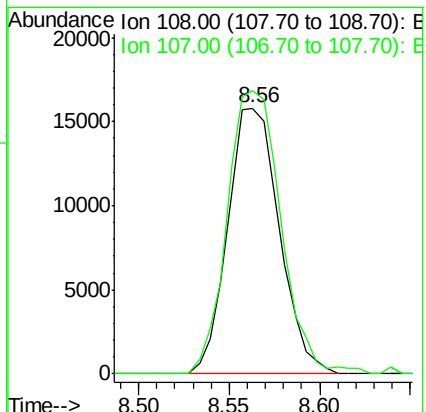
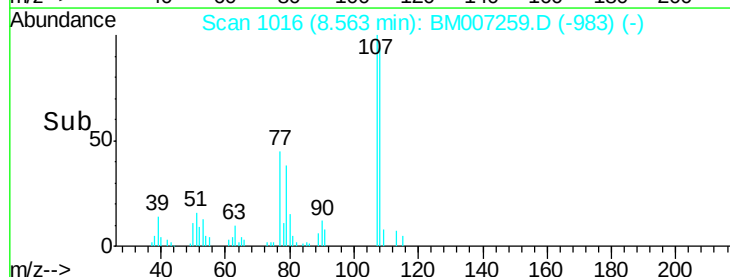
107 106.4 87.8 131.8

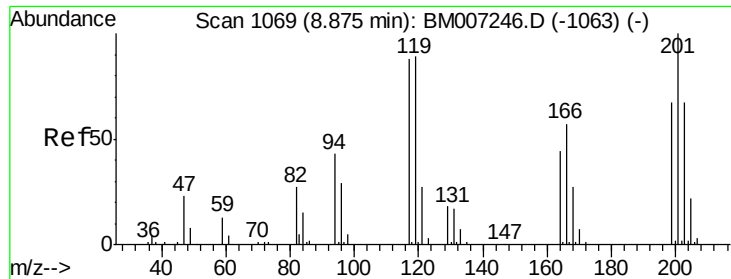


Abundance Ion 108.00 (107.70 to 108.70): BM007246.D (-1009) (-)

Ion 107.00 (106.70 to 107.70): BM007246.D (-1009) (-)

Time-->

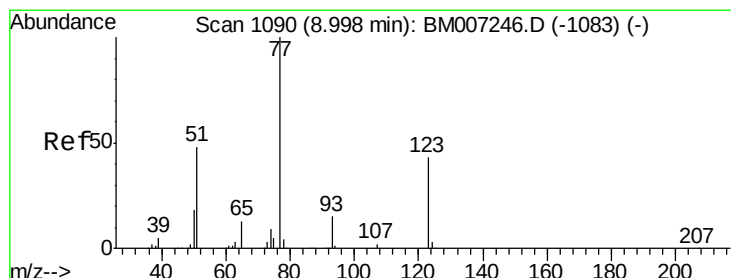
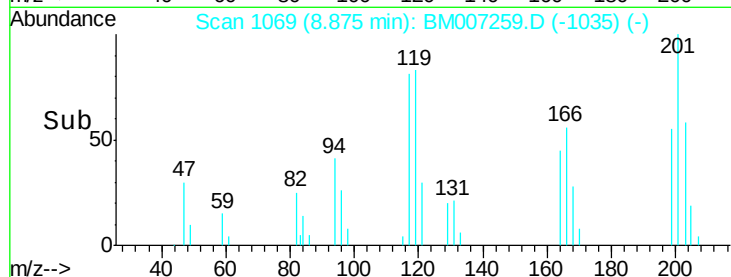
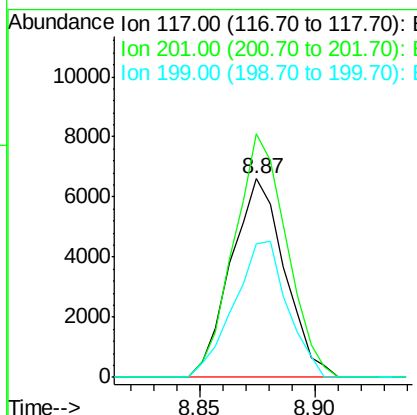
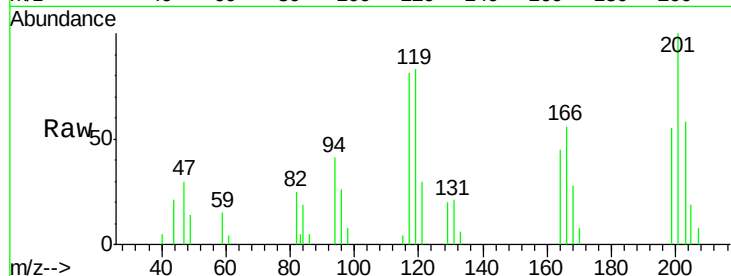




#17
 Hexachloroethane
 Concen: 2.38 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

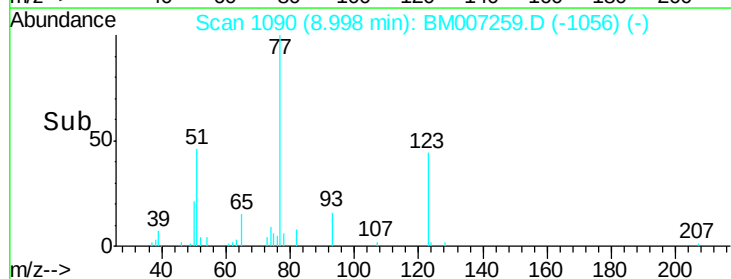
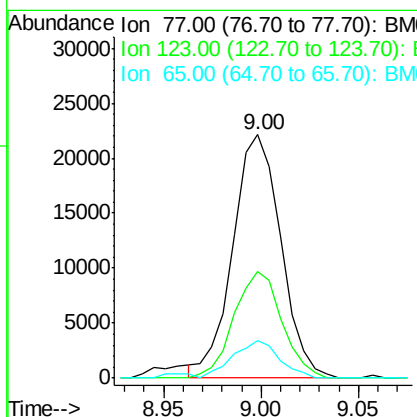
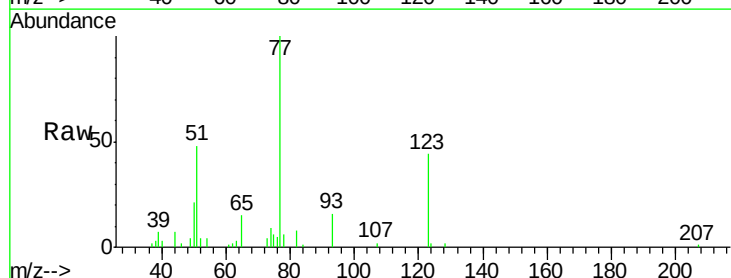
Instrument :
 BNA_M
 ClientSampleID :
 MDL-06-S

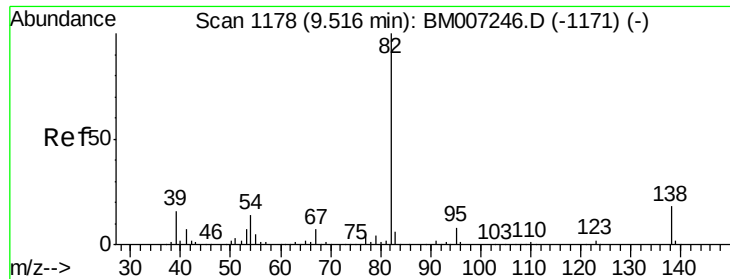
Tgt Ion: 117 Resp: 10720
 Ion Ratio Lower Upper
 117 100
 201 122.7 90.3 135.5
 199 67.4 58.5 87.7



#20
 Nitrobenzene
 Concen: 2.44 ng/ul
 RT: 9.00 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Tgt Ion: 77 Resp: 37890
 Ion Ratio Lower Upper
 77 100
 123 44.0 34.2 51.4
 65 15.3 11.0 16.6





#21

Isophorone

Concen: 2.38 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

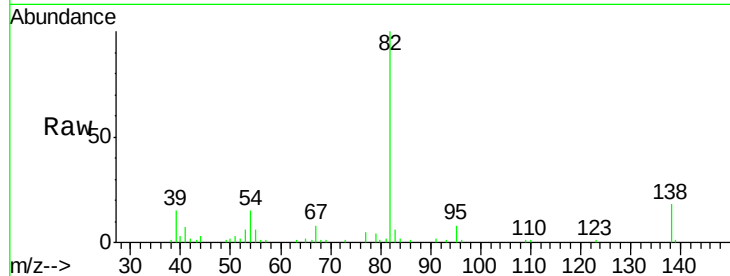
Tgt Ion: 82 Resp: 75411

Ion Ratio Lower Upper

82 100

95 8.0 6.9 10.3

138 17.7 13.8 20.8

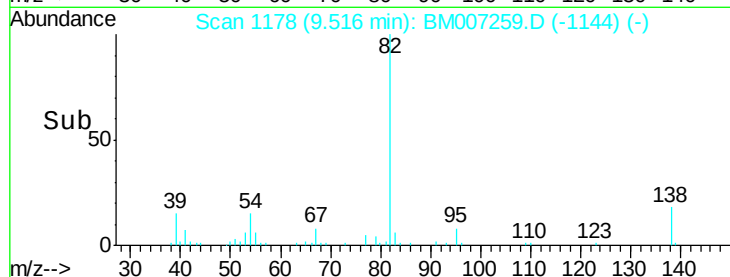


Abundance Ion 82.00 (81.70 to 82.70): BM007246.D (-1171) (-)

Ion 95.00 (94.70 to 95.70): BM007246.D (-1171) (-)

Ion 138.00 (137.70 to 138.70): BM007246.D (-1171) (-)

Time-->

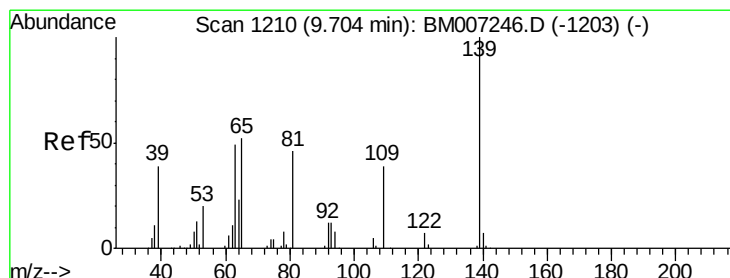


Abundance Ion 82.00 (81.70 to 82.70): BM007259.D (-1144) (-)

Ion 95.00 (94.70 to 95.70): BM007259.D (-1144) (-)

Ion 138.00 (137.70 to 138.70): BM007259.D (-1144) (-)

Time-->



#23

2-Nitrophenol

Concen: 2.54 ng/ul

RT: 9.70 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

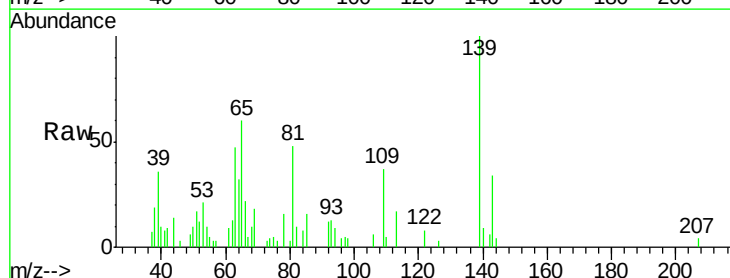
Tgt Ion: 139 Resp: 19525

Ion Ratio Lower Upper

139 100

65 60.0 44.2 66.4

109 36.6 28.2 42.4

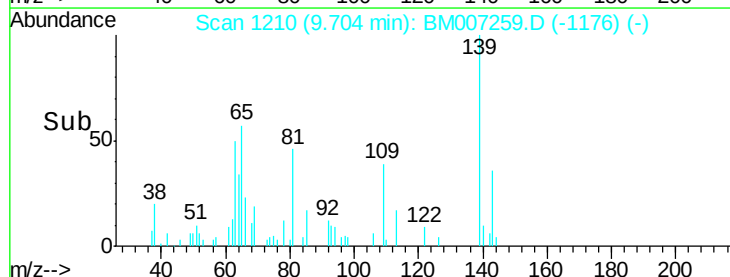


Abundance Ion 139.00 (138.70 to 139.70): BM007246.D (-1203) (-)

Ion 65.00 (64.70 to 65.70): BM007246.D (-1203) (-)

Ion 109.00 (108.70 to 109.70): BM007246.D (-1203) (-)

Time-->

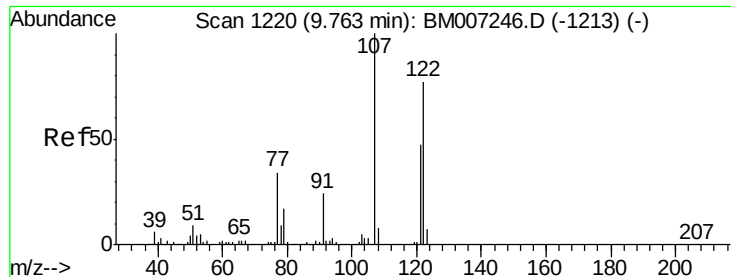


Abundance Ion 139.00 (138.70 to 139.70): BM007259.D (-1176) (-)

Ion 65.00 (64.70 to 65.70): BM007259.D (-1176) (-)

Ion 109.00 (108.70 to 109.70): BM007259.D (-1176) (-)

Time-->



#24

2,4-Dimethylphenol

Concen: 2.17 ng/ul

RT: 9.76 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampled :

MDL-06-S

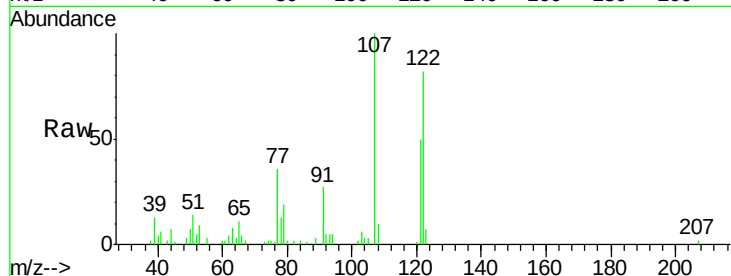
Tgt Ion: 107 Resp: 36800

Ion Ratio Lower Upper

107 100

121 50.0 37.1 55.7

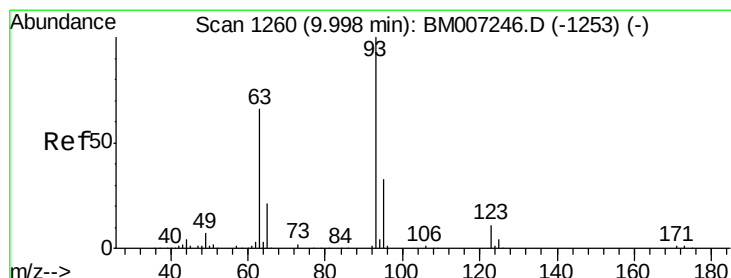
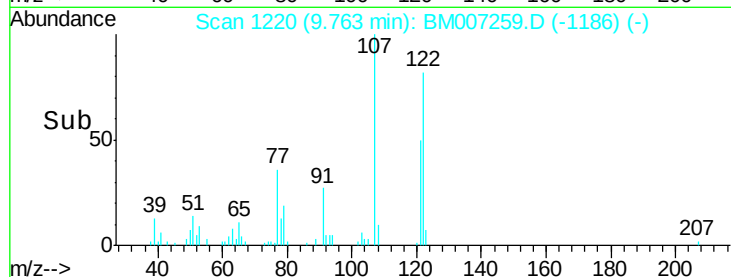
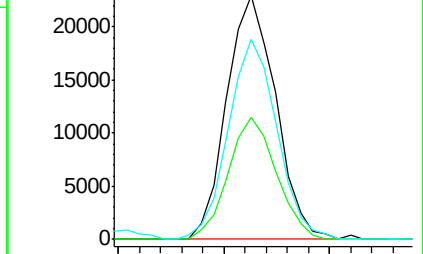
122 82.2 62.8 94.2



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: 2.31 ng/ul

RT: 10.00 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

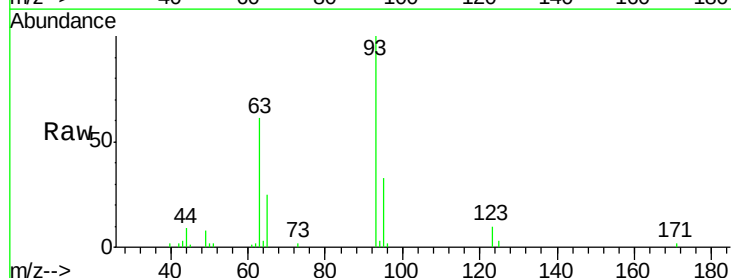
Tgt Ion: 93 Resp: 41192

Ion Ratio Lower Upper

93 100

95 33.3 25.4 38.0

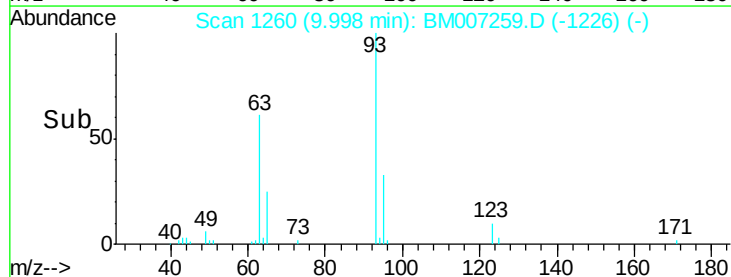
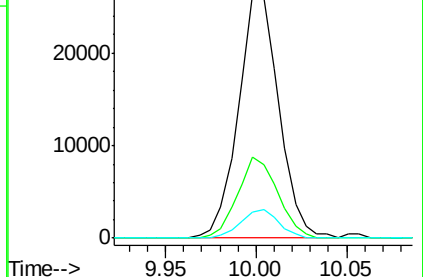
123 10.4 8.3 12.5

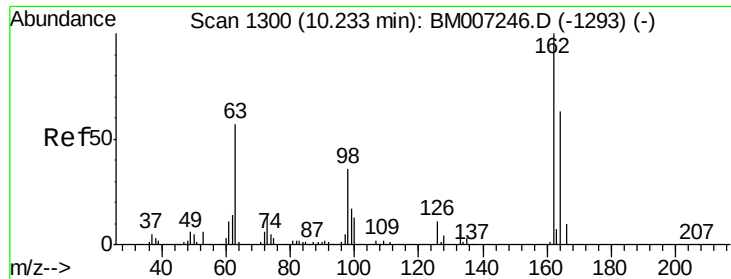


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

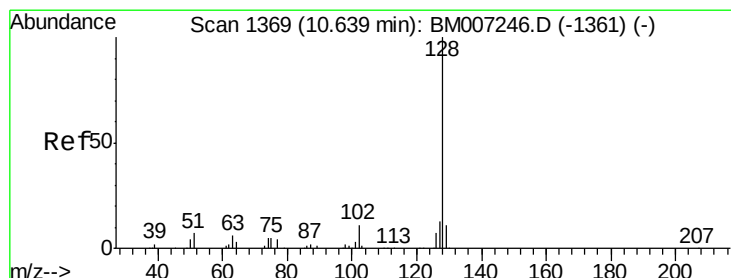
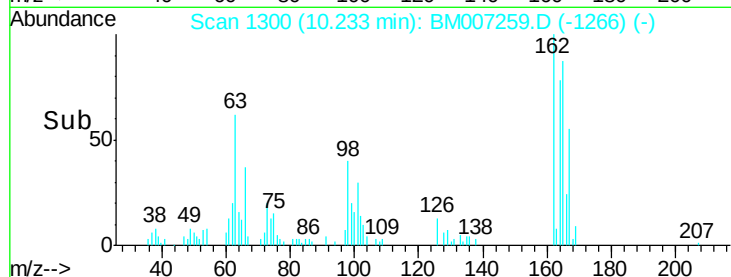
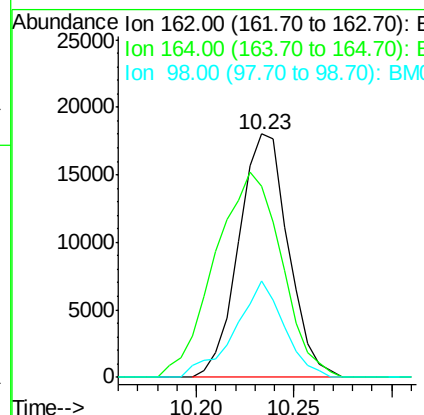
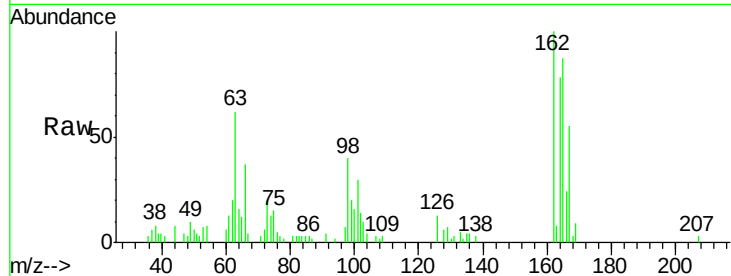




#27
2,4-Dichlorophenol
Concen: 2.27 ng/ul
RT: 10.23 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

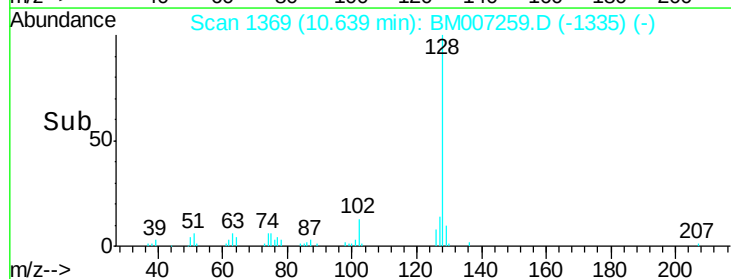
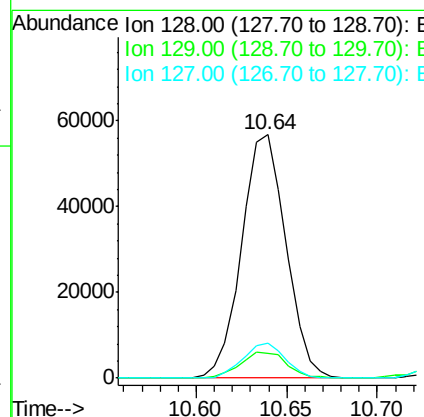
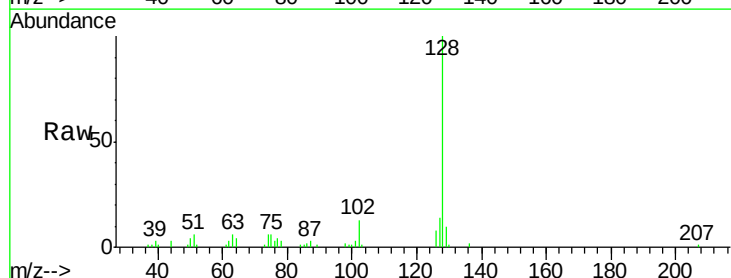
Instrument :
BNA_M
ClientSampleId :
MDL-06-S

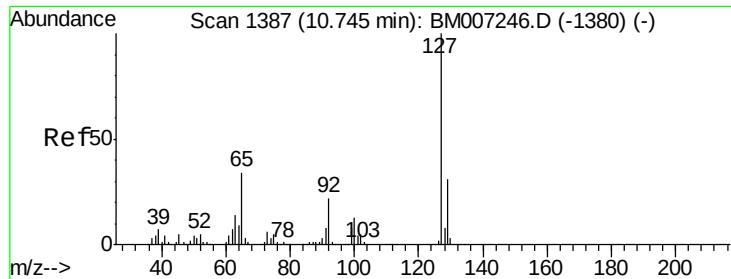
Tgt Ion	Ratio	Lower	Upper
162	100		
164	78.3	51.6	77.4#
98	39.7	28.4	42.6



#28
Naphthalene
Concen: 2.36 ng/ul
RT: 10.64 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	14.4	10.6	15.8

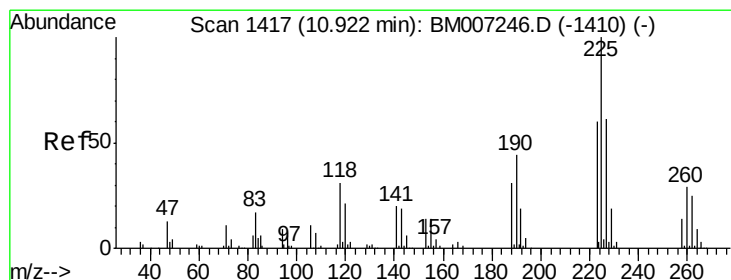
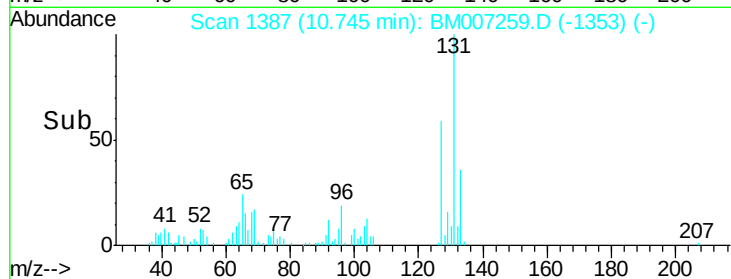
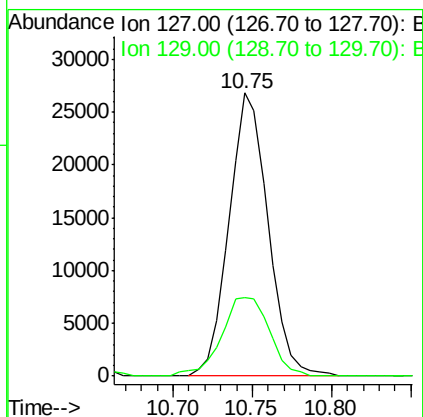
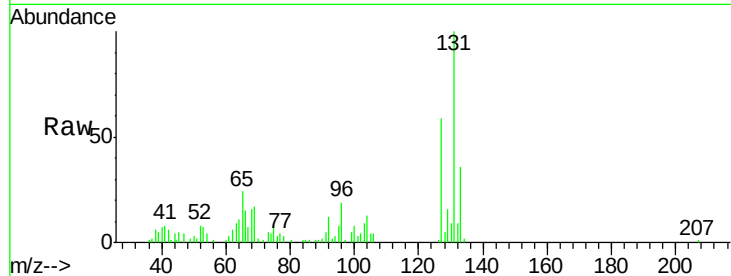




#30
4-Chloroaniline
Concen: 2.54 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

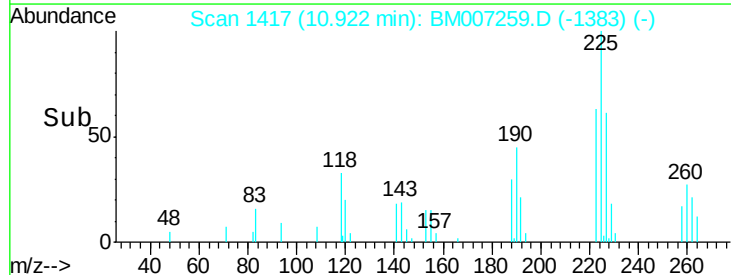
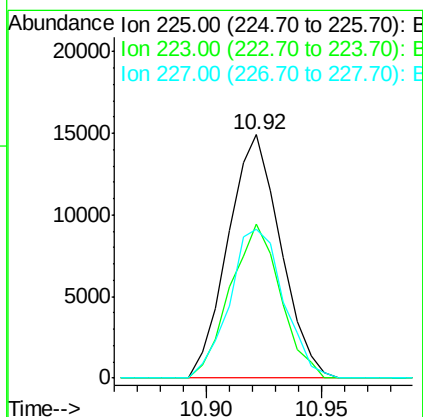
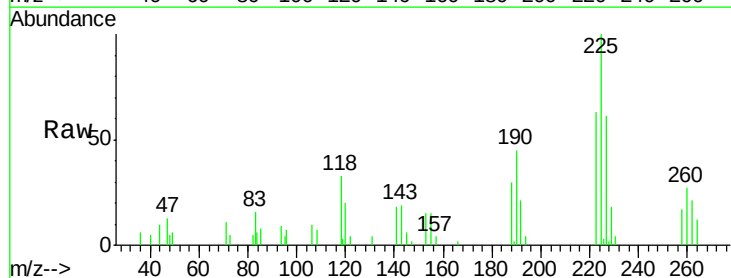
Instrument :
BNA_M
ClientSampleId :
MDL-06-S

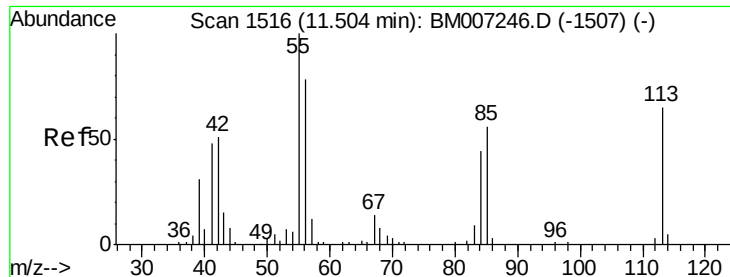
Tgt Ion:127 Resp: 45806
Ion Ratio Lower Upper
127 100
129 27.5 24.6 37.0



#31
Hexachlorobutadiene
Concen: 2.50 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

Tgt Ion:225 Resp: 23630
Ion Ratio Lower Upper
225 100
223 61.7 51.2 76.8
227 61.5 52.5 78.7

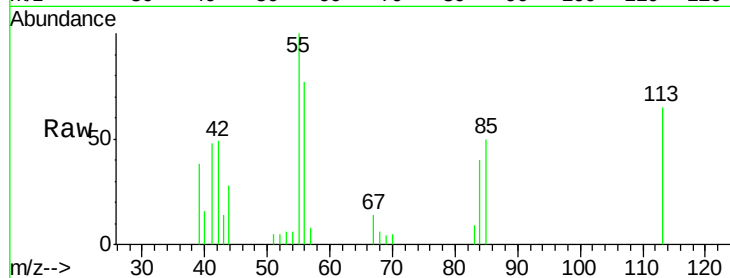




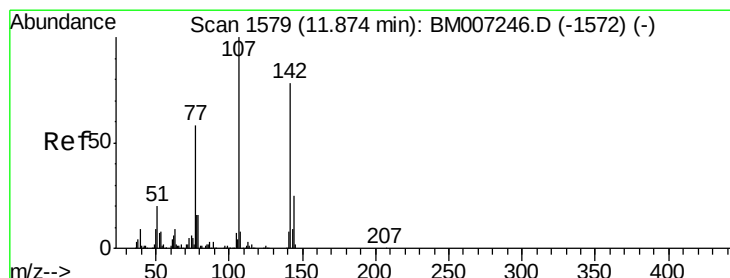
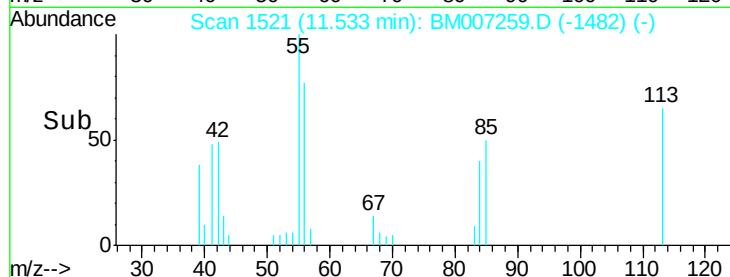
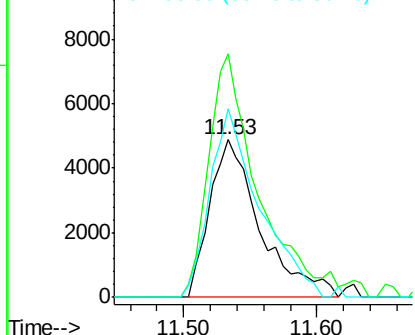
#32
 Caprolactam
 Concen: 2.29 ng/ul
 RT: 11.53 min Scan# 1521
 Delta R.T. 0.03 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

Tgt Ion:113 Resp: 12886
 Ion Ratio Lower Upper
 113 100
 55 154.5 121.9 182.9
 56 119.7 97.4 146.0

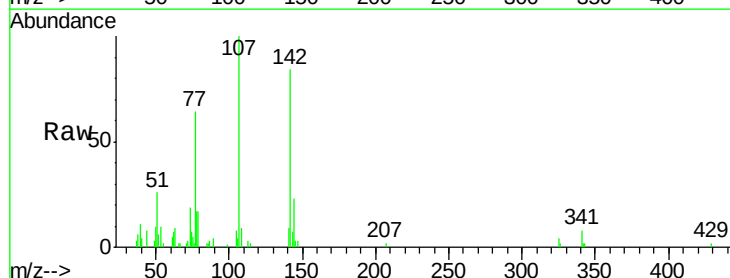


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BM
 Ion 56.00 (55.70 to 56.70): BM

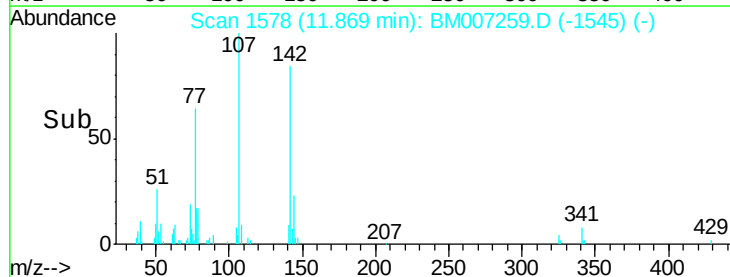
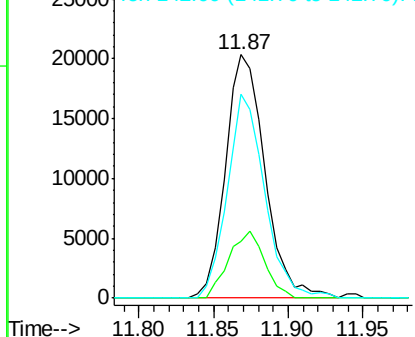


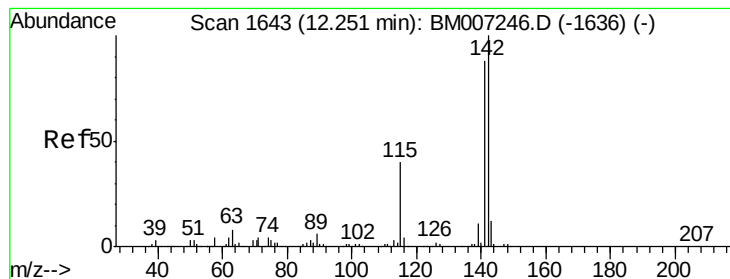
#33
 4-Chloro-3-methylphenol
 Concen: 2.17 ng/ul
 RT: 11.87 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Tgt Ion:107 Resp: 37557
 Ion Ratio Lower Upper
 107 100
 144 23.2 21.1 31.7
 142 83.5 64.1 96.1



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: 2.36 ng/ul

RT: 12.25 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

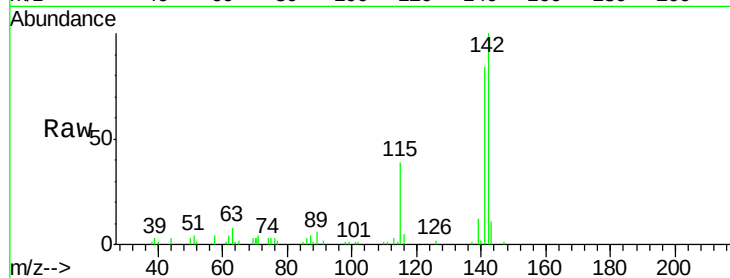
MDL-06-S

Tgt Ion:142 Resp: 79035

Ion Ratio Lower Upper

142 100

141 84.3 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.25

50000

40000

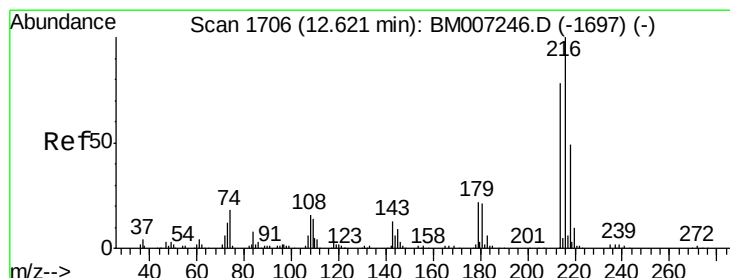
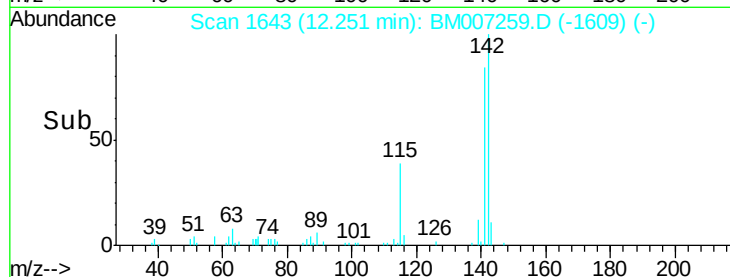
30000

20000

10000

0

Time--> 12.20 12.25 12.30



#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.34 ng/ul

RT: 12.62 min Scan# 1706

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Tgt Ion:216 Resp: 47891

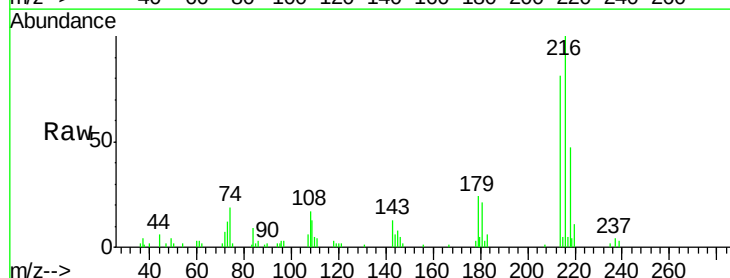
Ion Ratio Lower Upper

216 100

214 80.9 64.8 97.2

179 23.6 16.7 25.1

108 17.3 13.2 19.8



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

12.62

40000

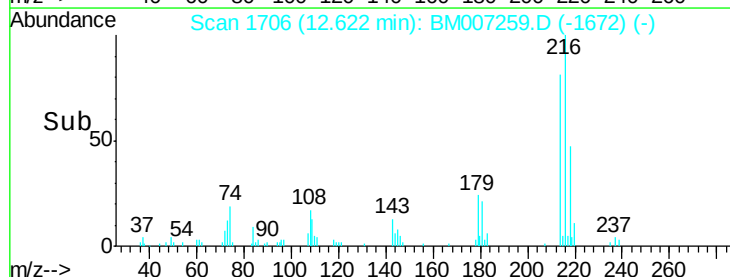
30000

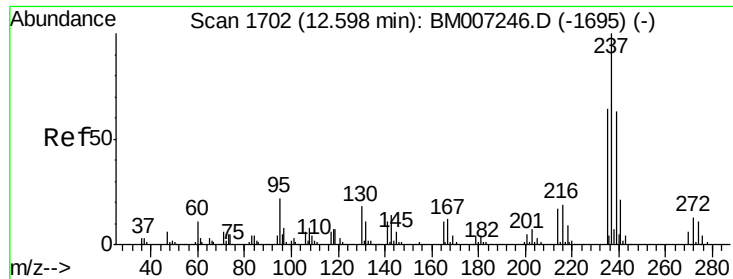
20000

10000

0

Time--> 12.55 12.60 12.65





#37

Hexachlorocyclopentadiene

Concen: 1.89 ng/ul

RT: 12.60 min Scan# 1702

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

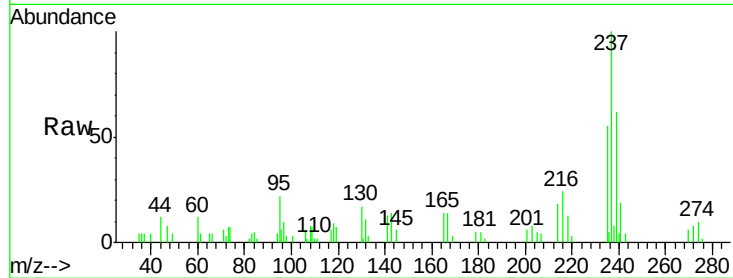
Tgt Ion:237 Resp: 23369

Ion Ratio Lower Upper

237 100

235 54.7 49.6 74.4

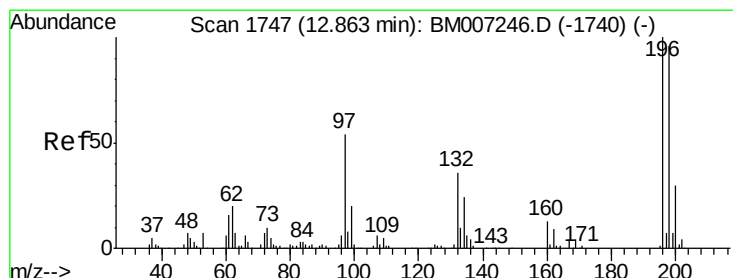
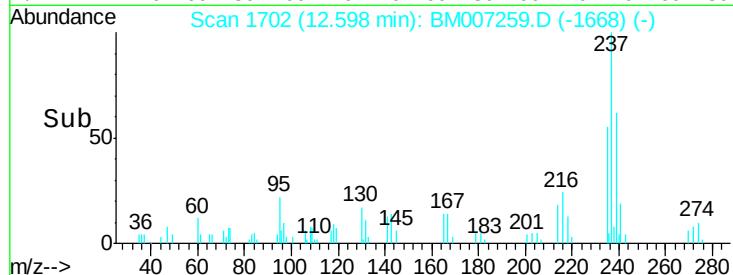
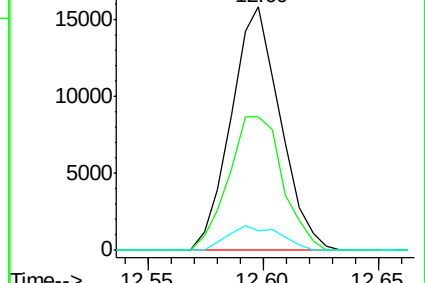
272 7.9 10.4 15.6#



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



#38

2,4,6-Trichlorophenol

Concen: 2.09 ng/ul

RT: 12.86 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

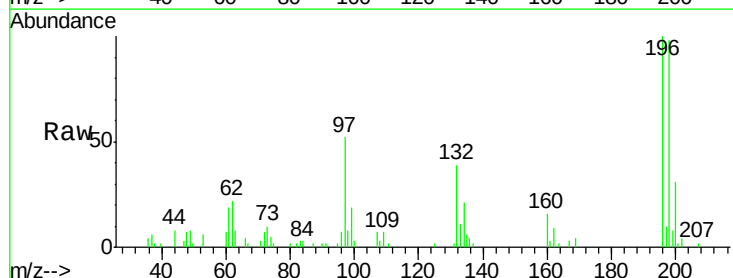
Tgt Ion:196 Resp: 30219

Ion Ratio Lower Upper

196 100

198 98.3 76.9 115.3

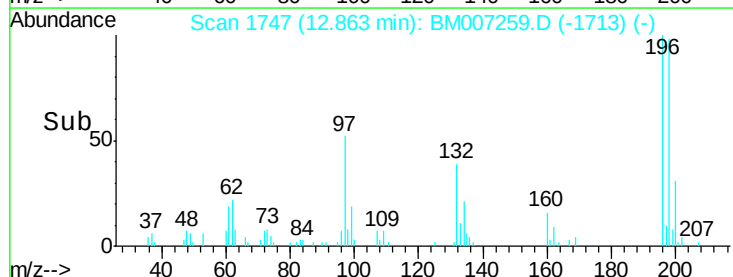
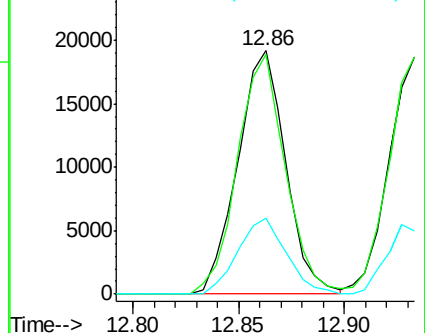
200 31.1 25.1 37.7

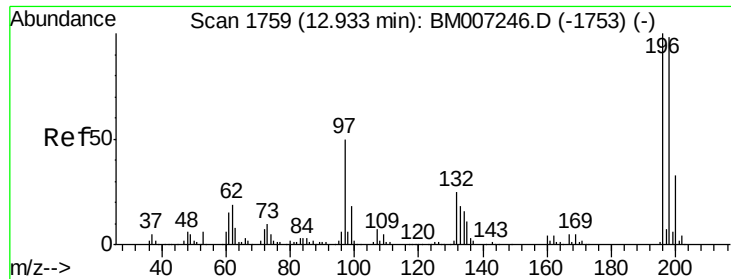


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

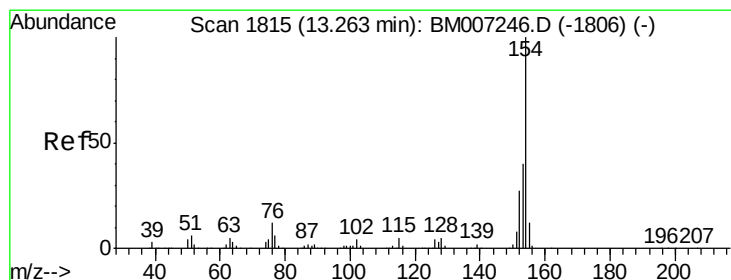
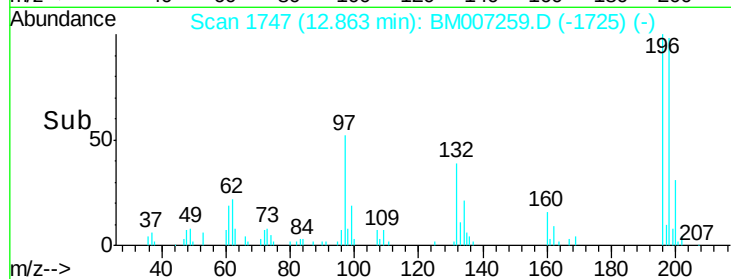
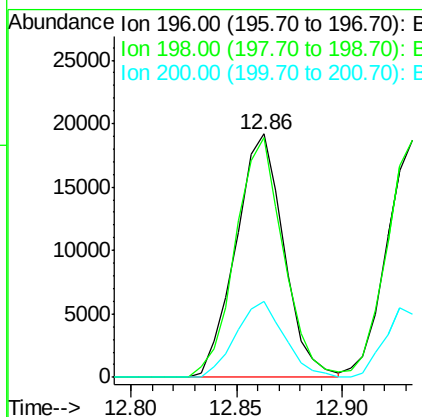
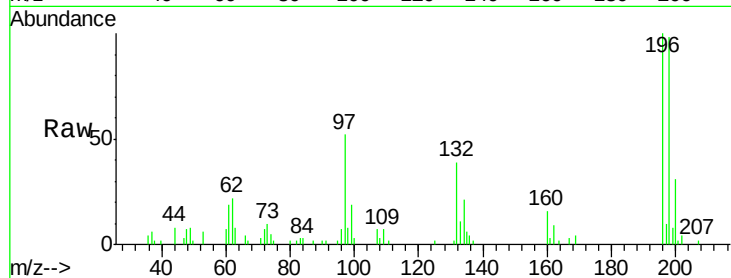




#39
 2,4,5-Trichlorophenol
 Concen: 2.00 ng/ul
 RT: 12.86 min Scan# 1747
 Delta R.T. -0.07 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

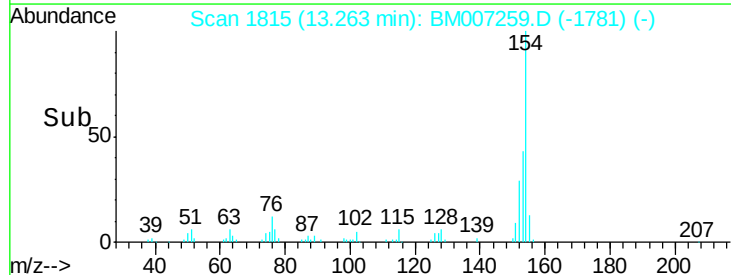
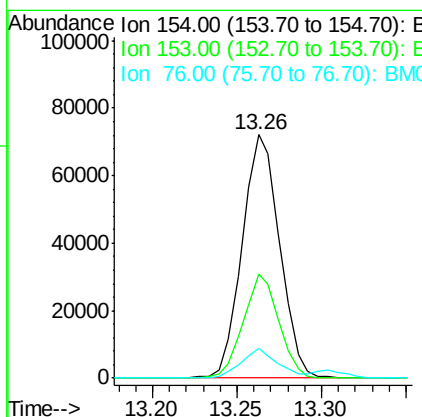
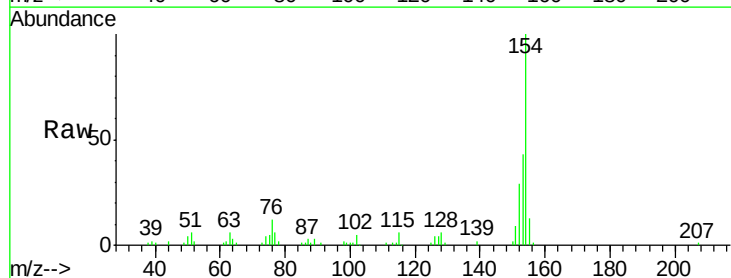
Instrument :
 BNA_M
 ClientSampled :
 MDL-06-S

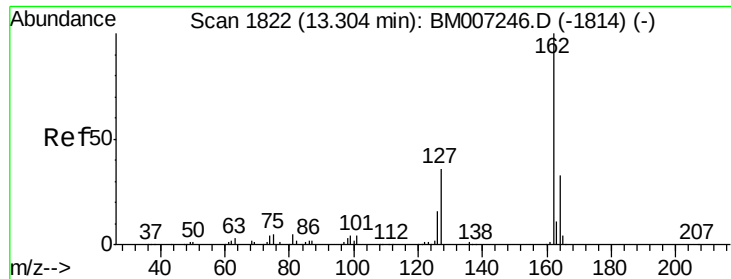
Tgt Ion:196 Resp: 30219
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.8 115.2
 200 31.1 27.0 40.4



#40
 1,1'-Biphenyl
 Concen: 2.34 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Tgt Ion:154 Resp: 111446
 Ion Ratio Lower Upper
 154 100
 153 42.8 31.3 46.9
 76 12.4 10.0 15.0

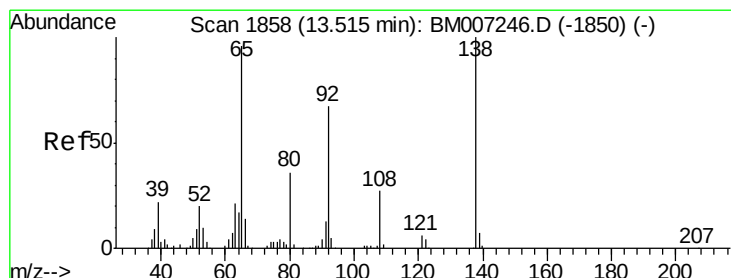
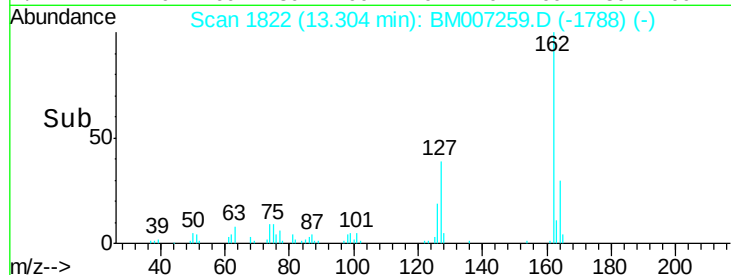
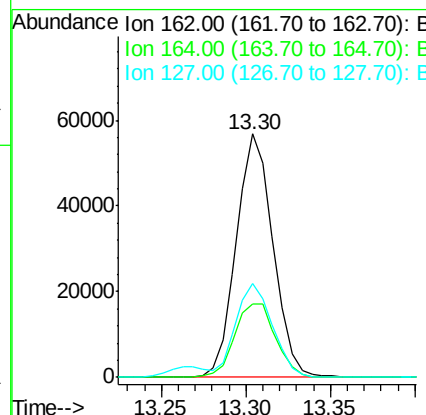
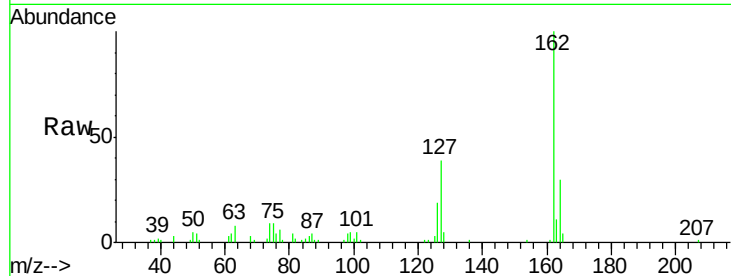




#41
 2-Chloronaphthalene
 Concen: 2.30 ng/ul
 RT: 13.30 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

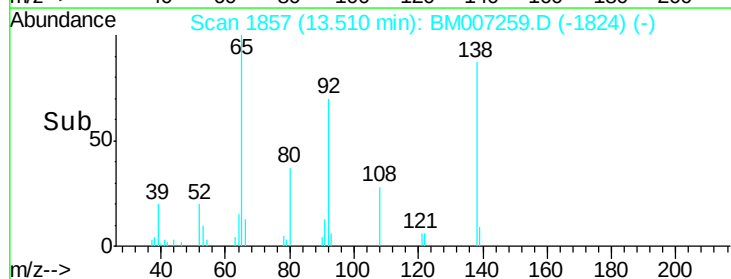
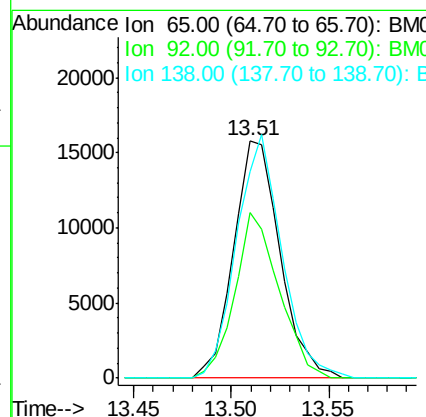
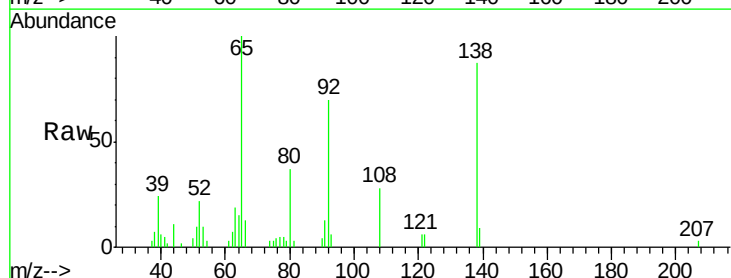
Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

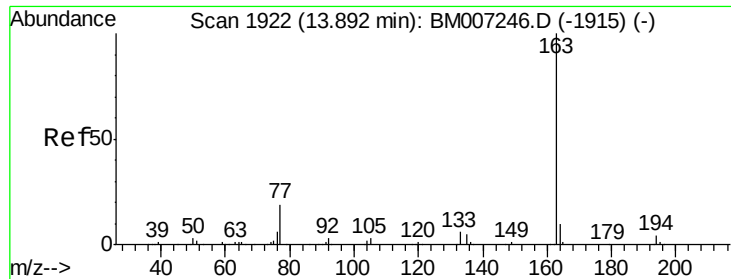
Tgt Ion: 162 Resp: 86103
 Ion Ratio Lower Upper
 162 100
 164 30.0 26.9 40.3
 127 38.6 31.2 46.8



#42
 2-Nitroaniline
 Concen: 2.14 ng/ul
 RT: 13.51 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Tgt Ion: 65 Resp: 26091
 Ion Ratio Lower Upper
 65 100
 92 69.6 55.6 83.4
 138 87.0 81.3 121.9

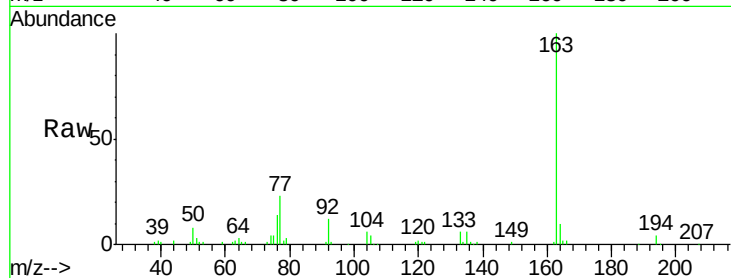




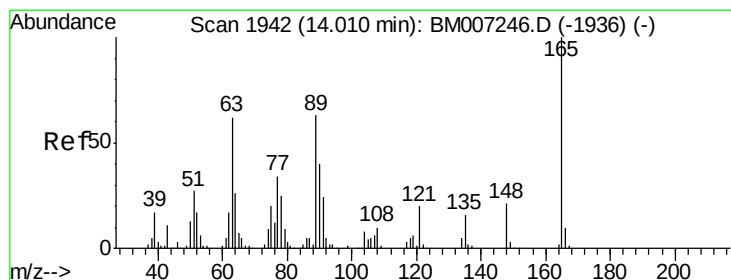
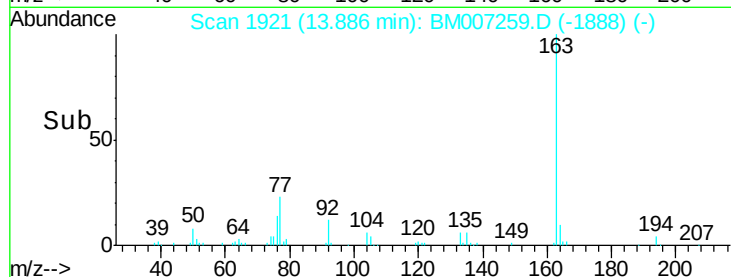
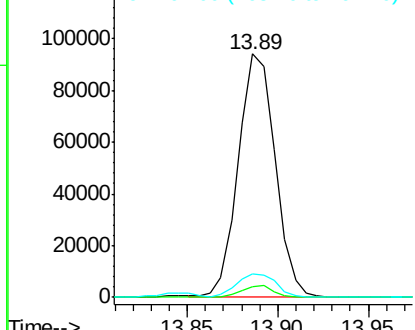
#44
Dimethylphthalate
Concen: 2.53 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Tgt Ion:163 Resp: 133630
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.6 7.8 11.8

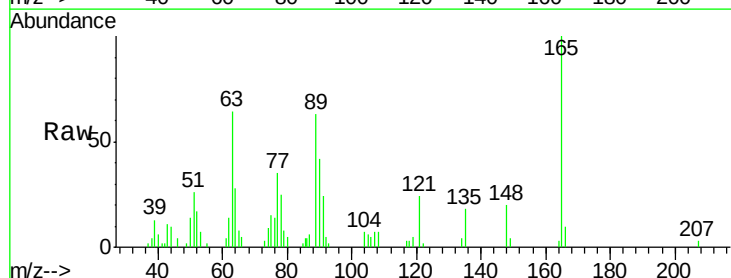


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

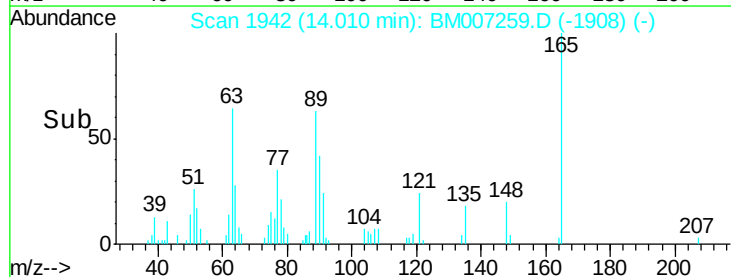
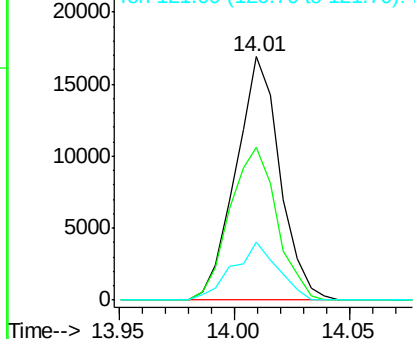


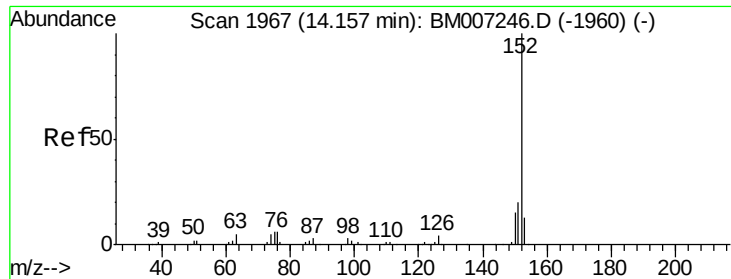
#45
2,6-Dinitrotoluene
Concen: 2.09 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

Tgt Ion:165 Resp: 22543
Ion Ratio Lower Upper
165 100
89 62.9 46.6 69.8
121 23.6 16.0 24.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E

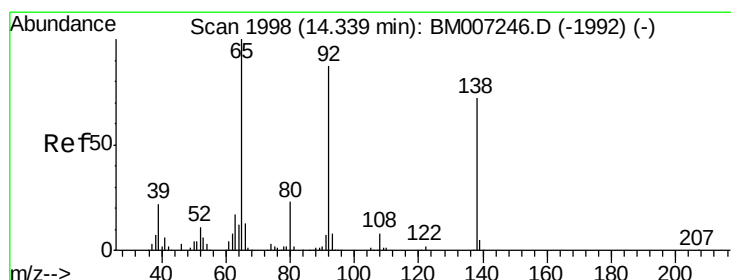
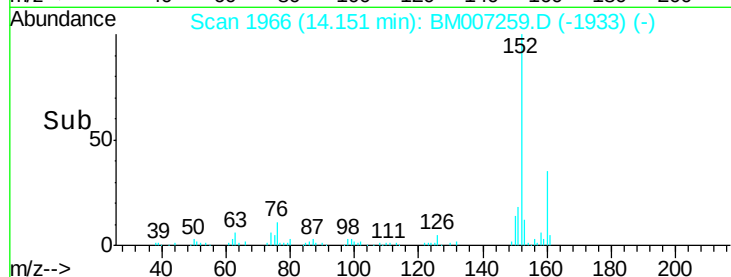
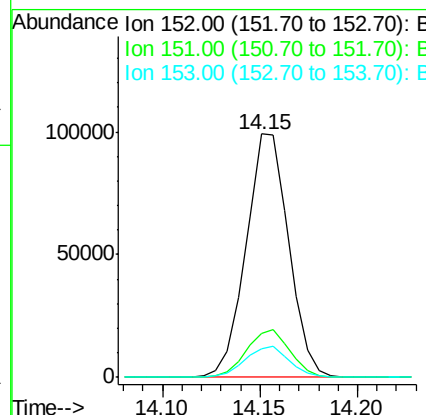
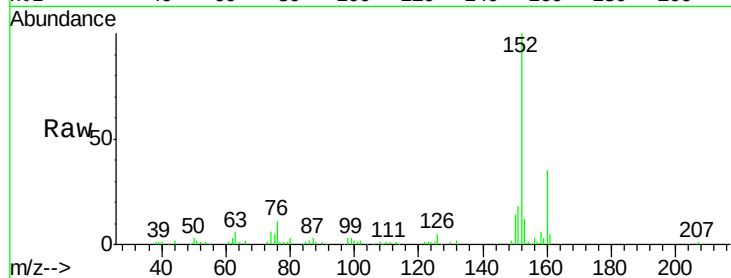




#47
Acenaphthylene
Concen: 2.37 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

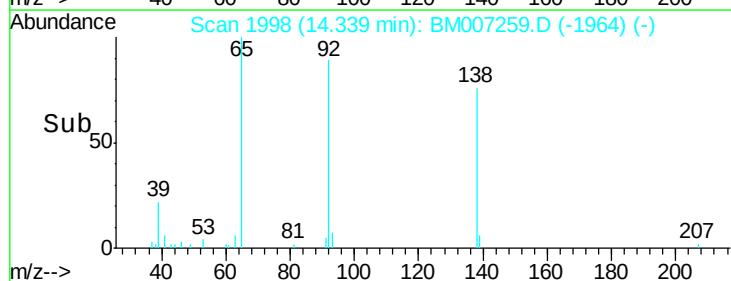
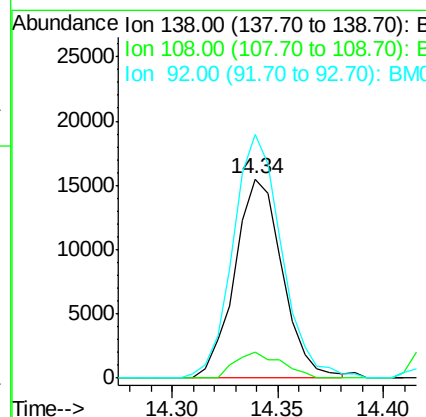
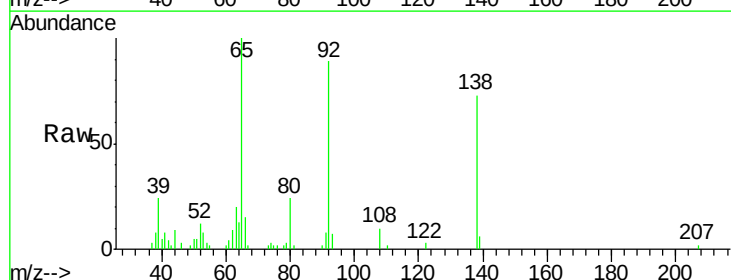
Instrument :
BNA_M
ClientSampleId :
MDL-06-S

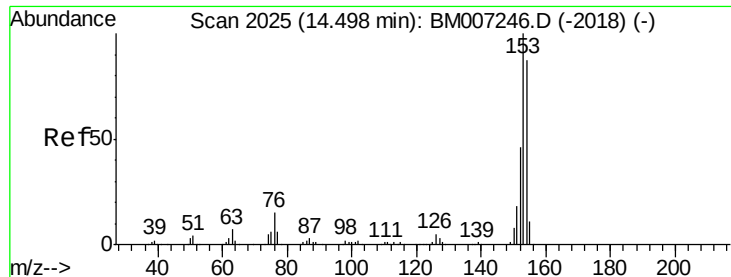
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.0	16.0	24.0
153	11.9	11.0	16.6



#48
3-Nitroaniline
Concen: 2.20 ng/ul
RT: 14.34 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.1	9.4	14.0
92	122.3	96.6	145.0





#49

Acenaphthene

Concen: 2.39 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

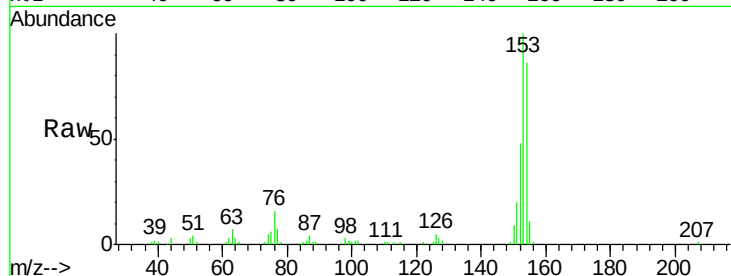
Tgt Ion:153 Resp: 98398

Ion Ratio Lower Upper

153 100

152 47.6 37.8 56.6

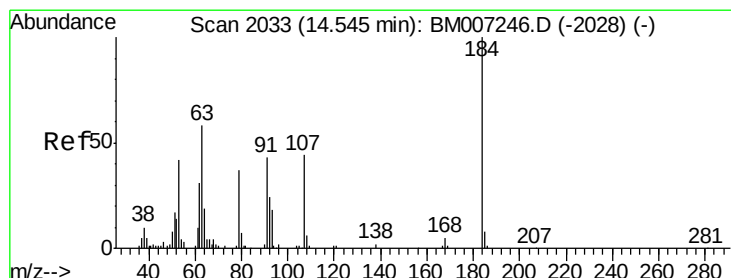
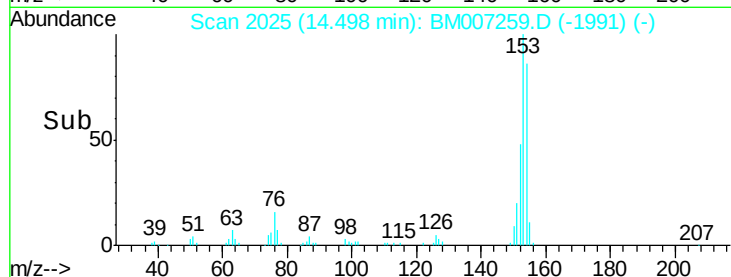
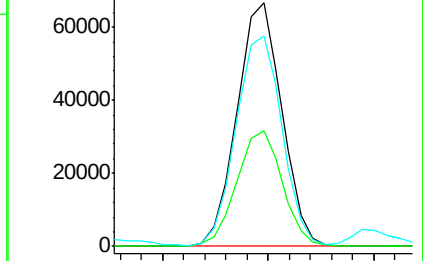
154 86.2 71.4 107.0



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



#50

2,4-Dinitrophenol

Concen: 1.47 ng/ul

RT: 14.55 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

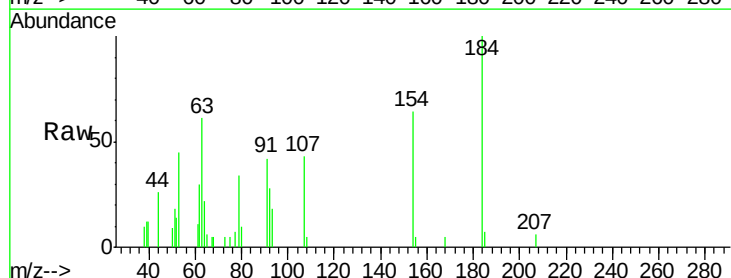
Tgt Ion:184 Resp: 10761

Ion Ratio Lower Upper

184 100

63 60.9 43.4 65.0

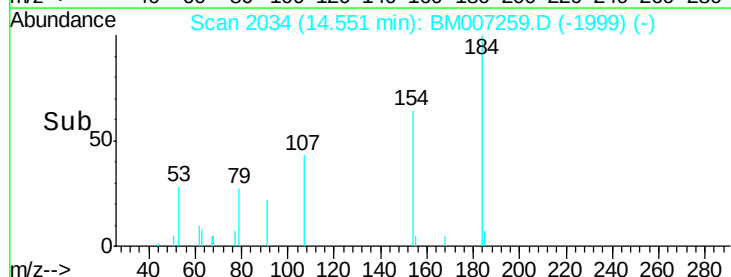
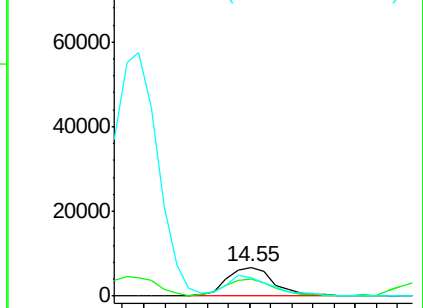
154 63.9 48.2 72.4

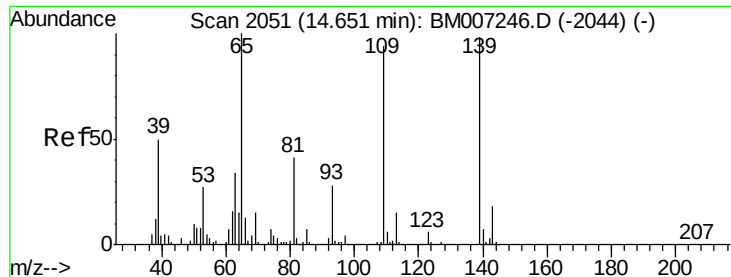


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 2.58 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

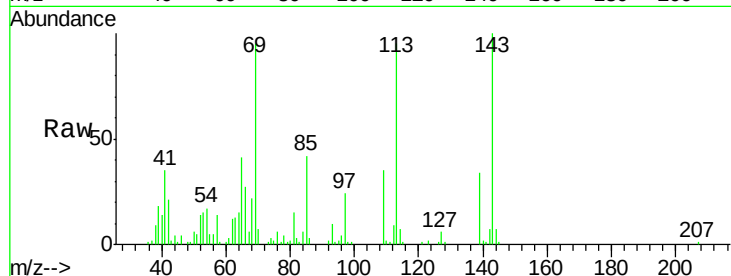
Tgt Ion:109 Resp: 27502

Ion Ratio Lower Upper

109 100

139 98.0 88.7 133.1

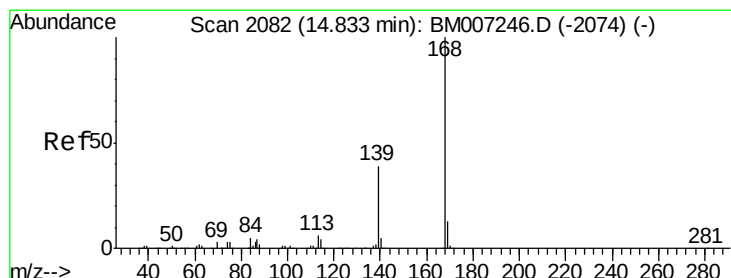
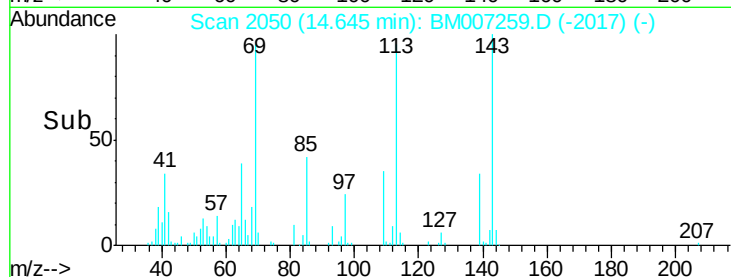
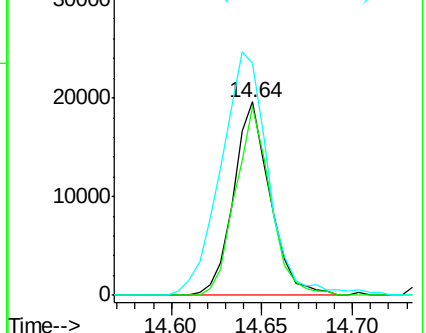
65 120.0 96.4 144.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 2.43 ng/ul

RT: 14.83 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM007259.D

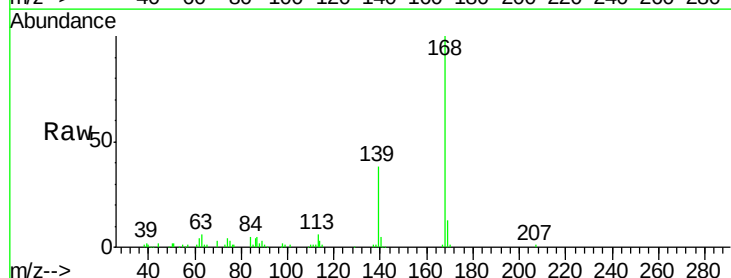
Acq: 23 Aug 2016 19:15

Tgt Ion:168 Resp: 149844

Ion Ratio Lower Upper

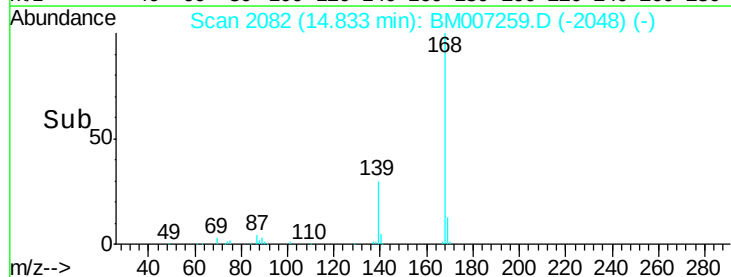
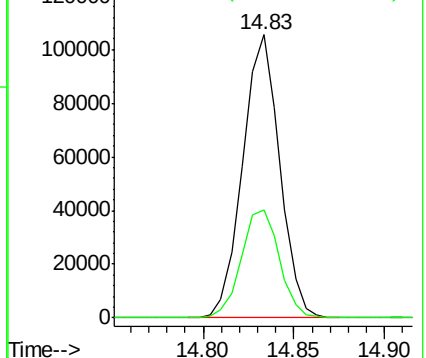
168 100

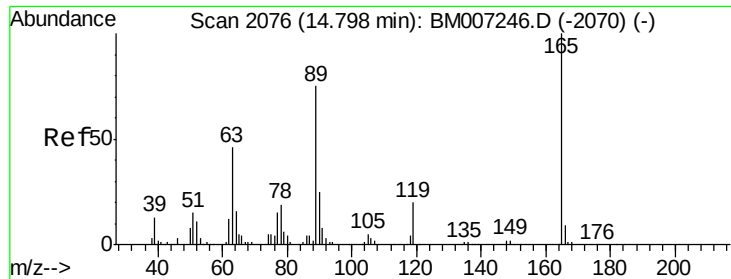
139 38.3 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 2.28 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

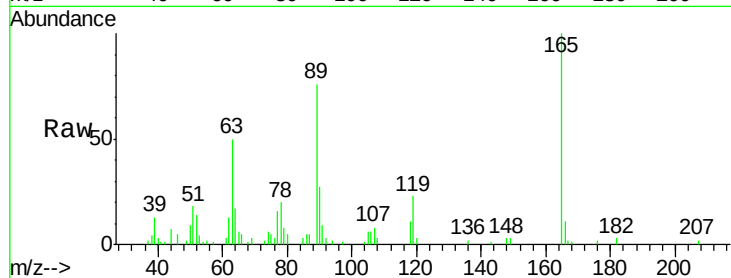
Tgt Ion:165 Resp: 37803

Ion Ratio Lower Upper

165 100

63 50.5 36.2 54.2

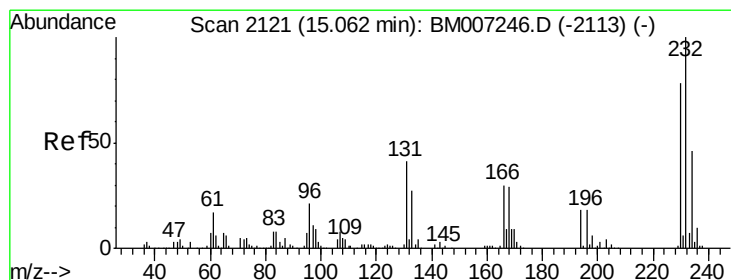
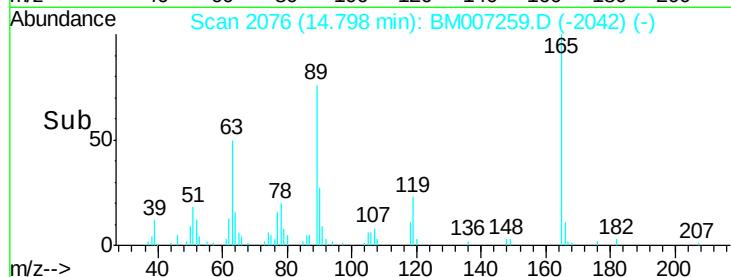
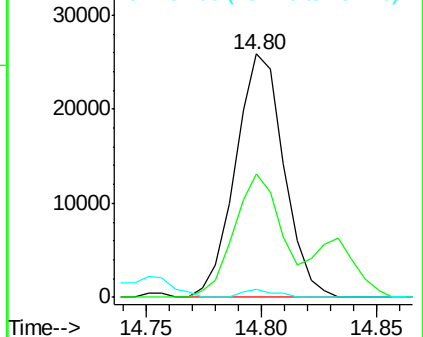
182 3.4 2.2 3.4#



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



#55

2,3,4,6-Tetrachlorophenol

Concen: 2.27 ng/ul

RT: 15.06 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Tgt Ion:232 Resp: 35248

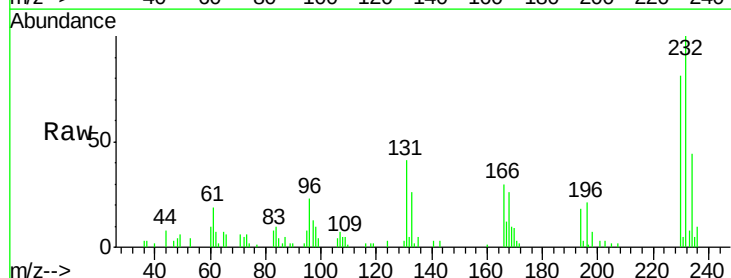
Ion Ratio Lower Upper

232 100

131 41.1 31.4 47.0

130 3.5 1.6 2.4#

166 30.4 22.6 33.8

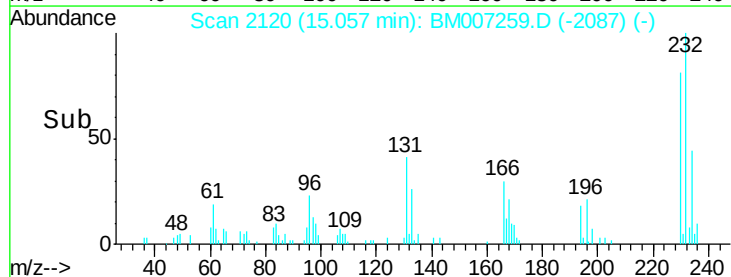
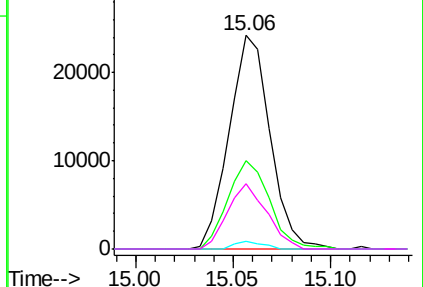


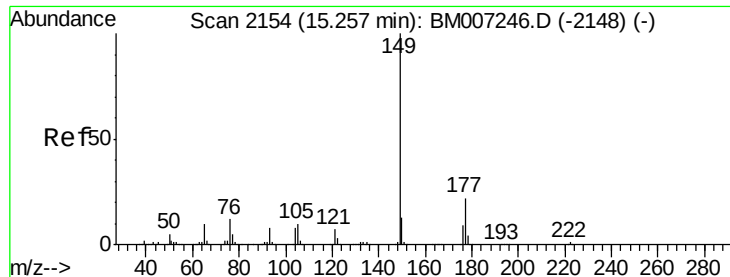
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

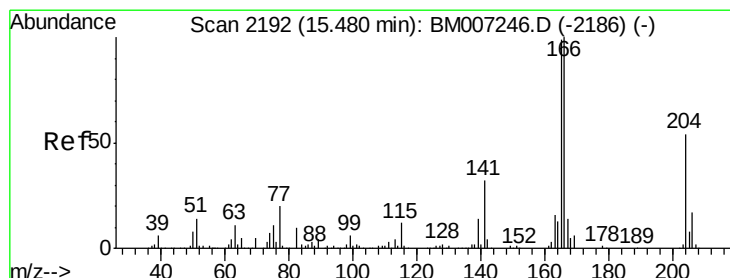
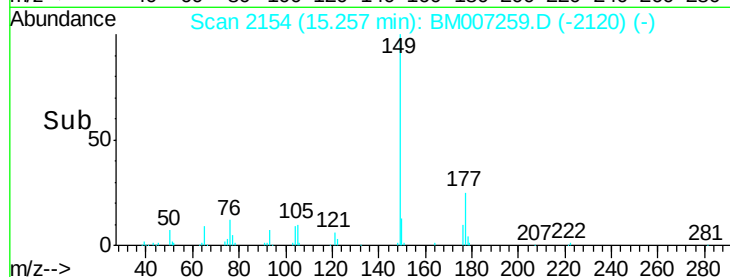
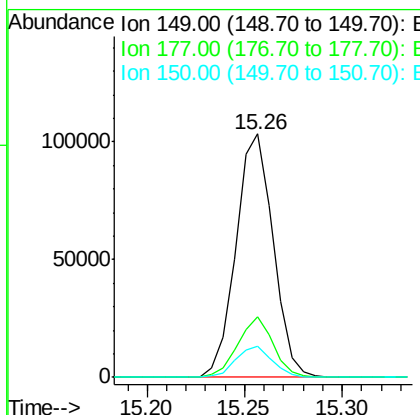
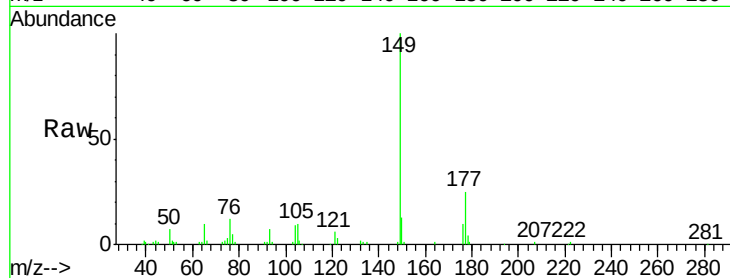




#56
Diethylphthalate
Concen: 2.47 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

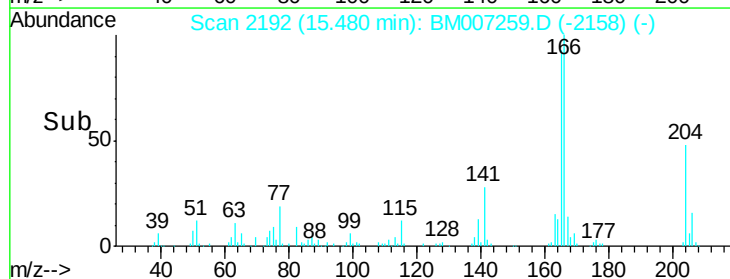
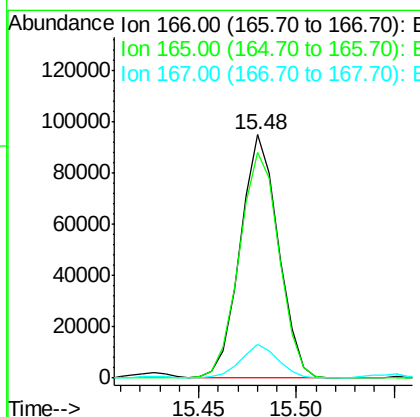
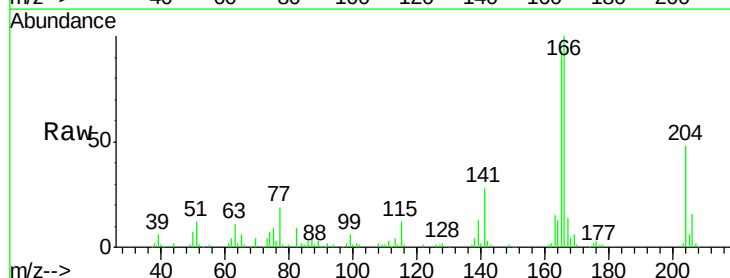
Instrument :
BNA_M
ClientSampleId :
MDL-06-S

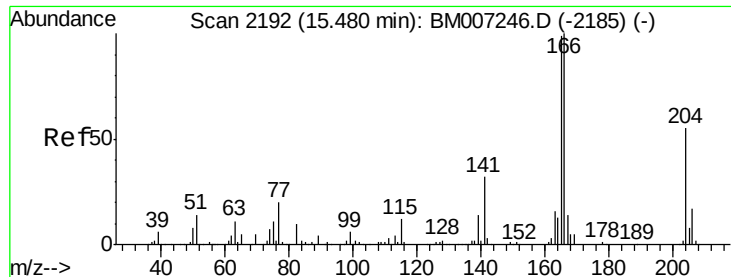
Tgt Ion:149 Resp: 136270
Ion Ratio Lower Upper
149 100
177 24.6 18.6 28.0
150 13.1 10.0 15.0



#58
Fluorene
Concen: 2.54 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

Tgt Ion:166 Resp: 128740
Ion Ratio Lower Upper
166 100
165 92.6 79.9 119.9
167 13.7 10.5 15.7

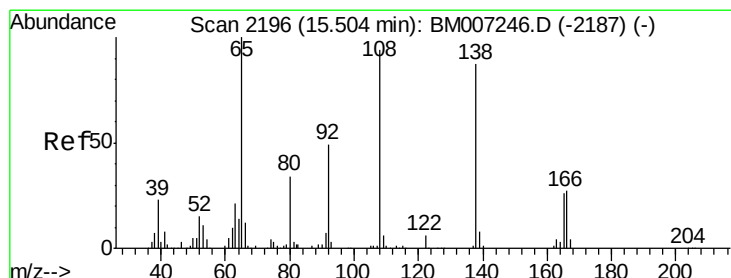
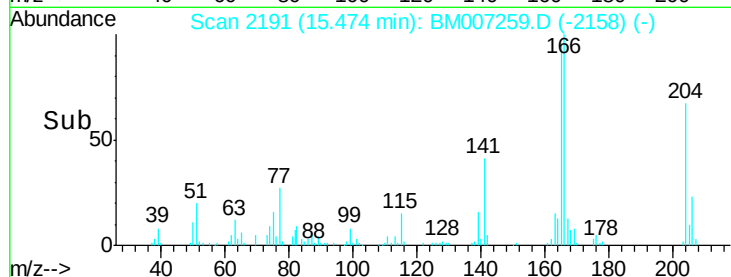
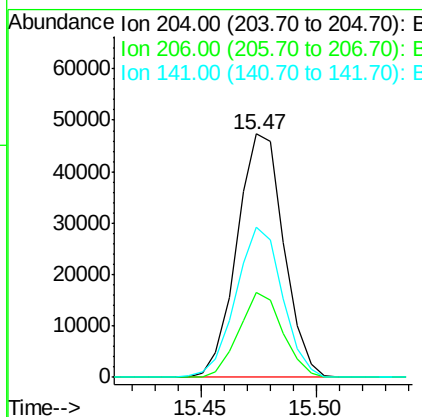
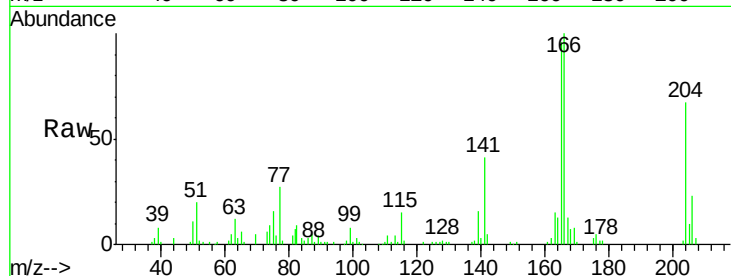




#59
 4-Chlorophenyl-phenylether
 Concen: 2.52 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

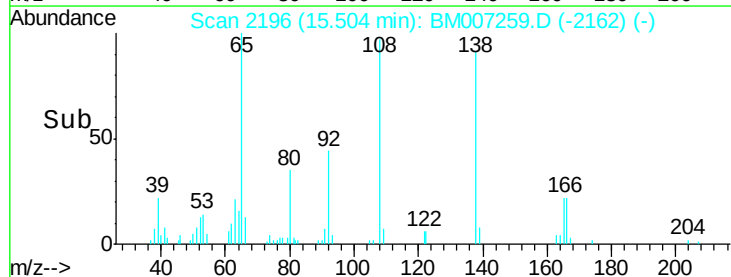
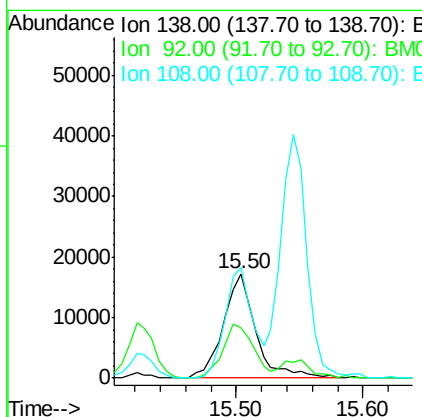
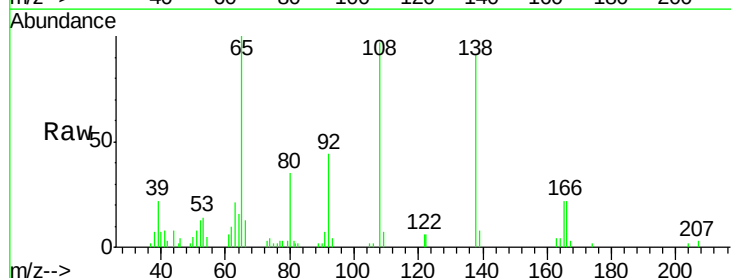
Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

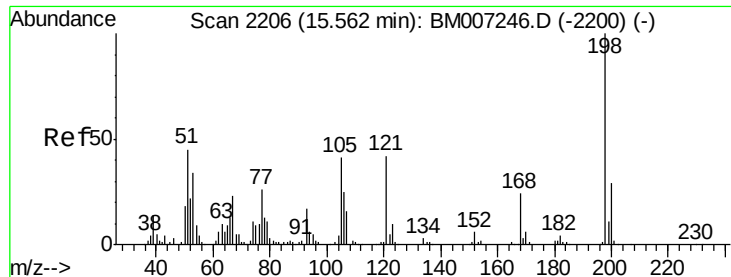
Tgt Ion:204 Resp: 66806
 Ion Ratio Lower Upper
 204 100
 206 35.0 25.9 38.9
 141 61.5 46.1 69.1



#60
 4-Nitroaniline
 Concen: 2.44 ng/ul
 RT: 15.50 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Tgt Ion:138 Resp: 30597
 Ion Ratio Lower Upper
 138 100
 92 48.4 43.5 65.3
 108 106.6 80.3 120.5

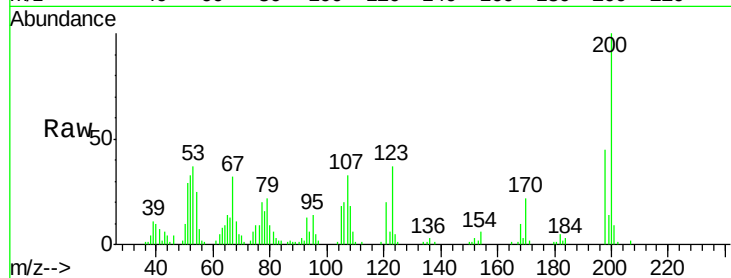




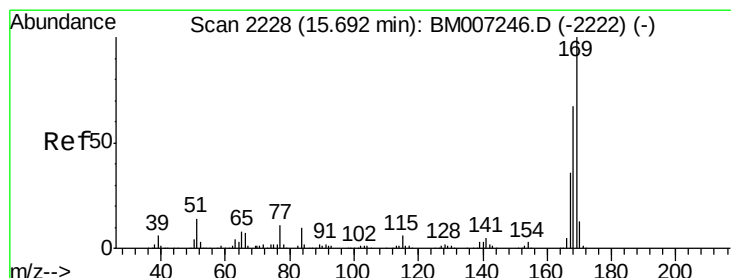
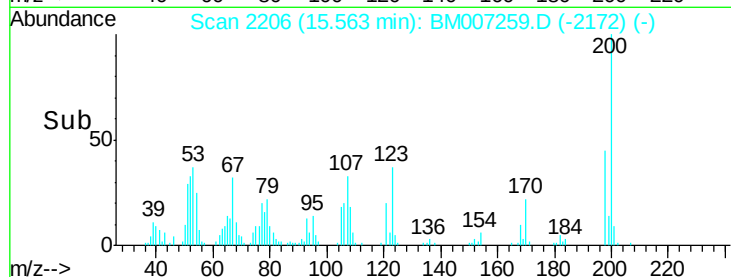
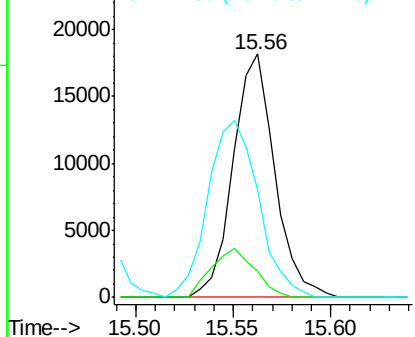
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.39 ng/ul
 RT: 15.56 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

Tgt Ion:198 Resp: 26940
 Ion Ratio Lower Upper
 198 100
 182 10.5 3.3 4.9#
 77 44.3 21.8 32.6#

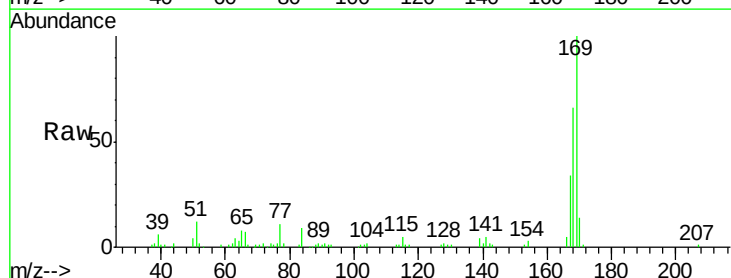


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

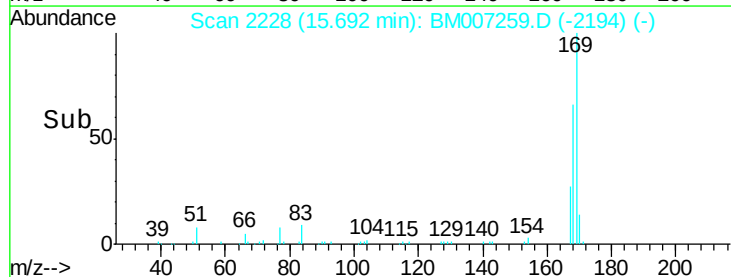
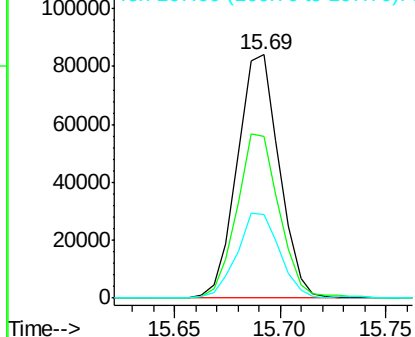


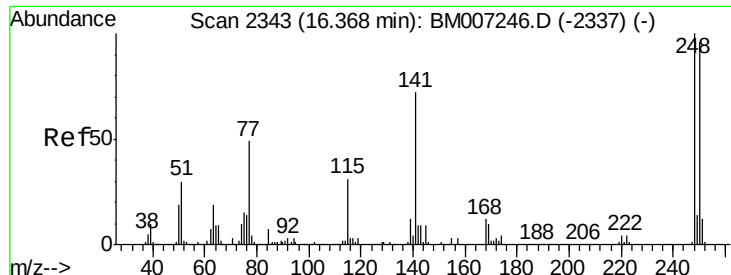
#64
 N-Nitrosodiphenylamine
 Concen: 2.48 ng/ul
 RT: 15.69 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Tgt Ion:169 Resp: 116005
 Ion Ratio Lower Upper
 169 100
 168 66.3 52.6 79.0
 167 34.4 28.6 43.0



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

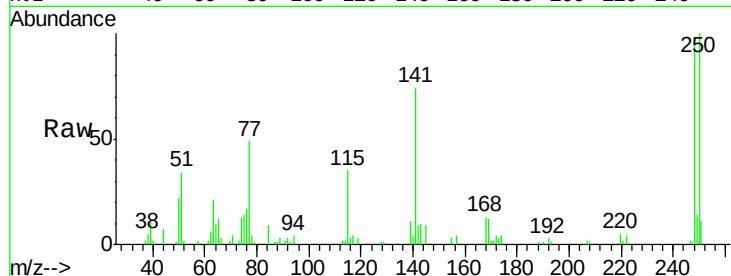




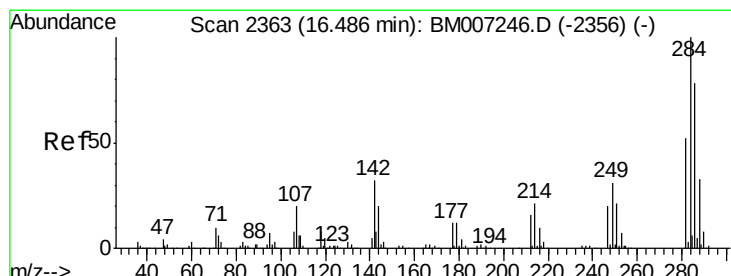
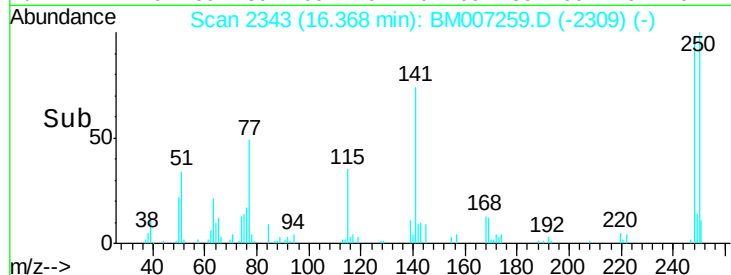
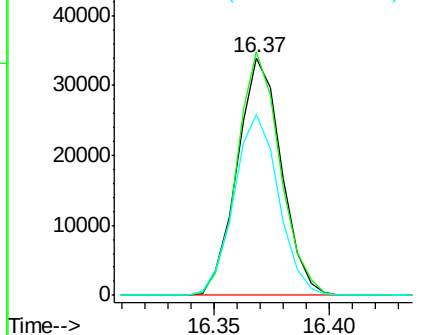
#65
 4-Bromophenyl-phenylether
 Concen: 2.40 ng/ul
 RT: 16.37 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

Tgt Ion:248 Resp: 45429
 Ion Ratio Lower Upper
 248 100
 250 102.4 79.7 119.5
 141 76.0 58.3 87.5

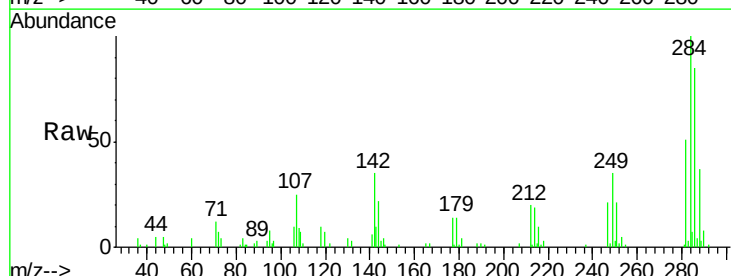


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

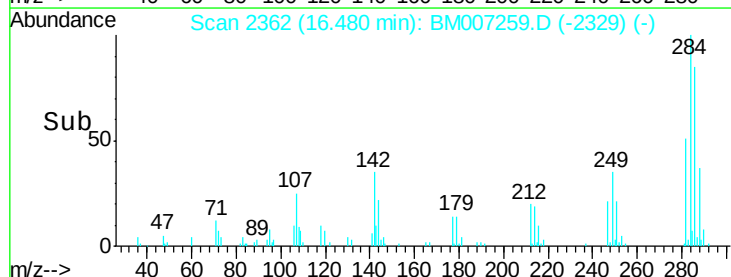
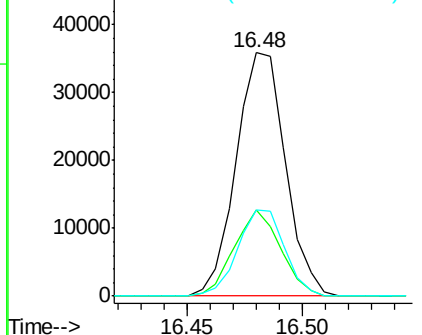


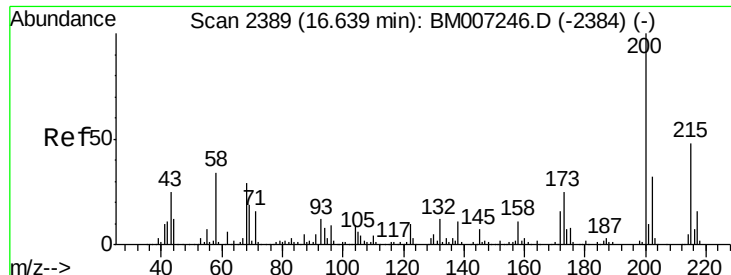
#66
 Hexachlorobenzene
 Concen: 2.53 ng/ul
 RT: 16.48 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Tgt Ion:284 Resp: 53607
 Ion Ratio Lower Upper
 284 100
 142 32.9 24.9 37.3
 249 33.0 25.5 38.3



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





#67

Atrazine

Concen: 2.40 ng/ul

RT: 16.64 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampled :

MDL-06-S

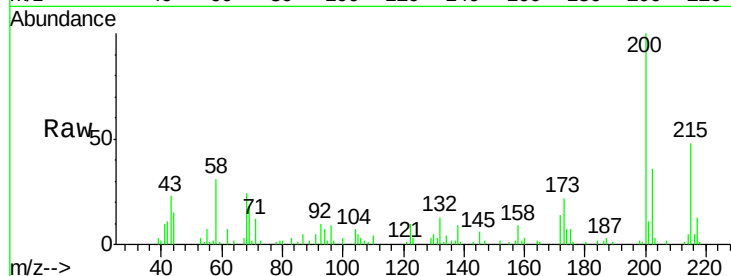
Tgt Ion:200 Resp: 47410

Ion Ratio Lower Upper

200 100

173 22.4 18.9 28.3

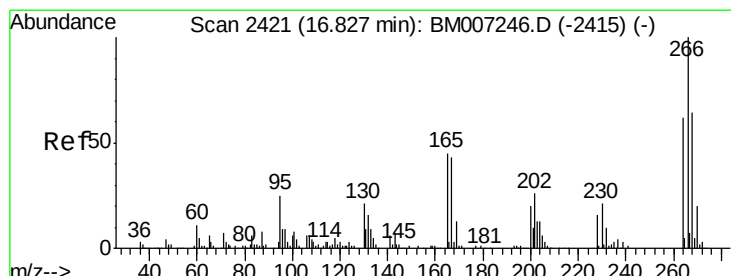
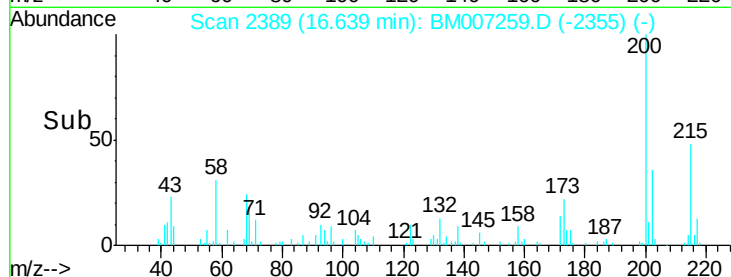
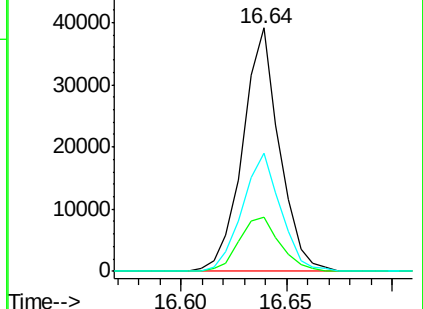
215 48.5 39.5 59.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 1.91 ng/ul

RT: 16.83 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

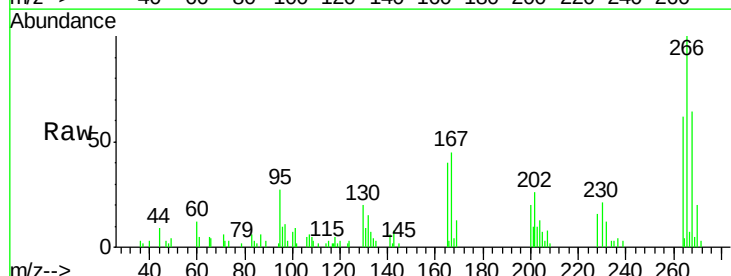
Tgt Ion:266 Resp: 26166

Ion Ratio Lower Upper

266 100

264 61.9 50.6 75.8

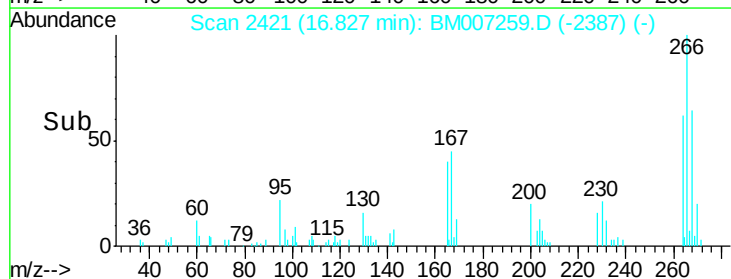
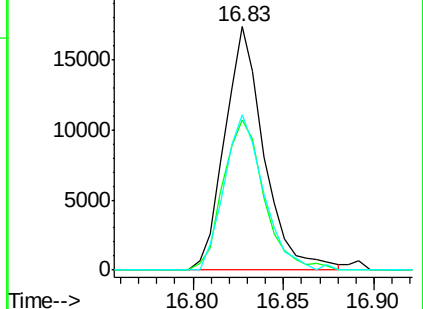
268 64.0 51.0 76.6

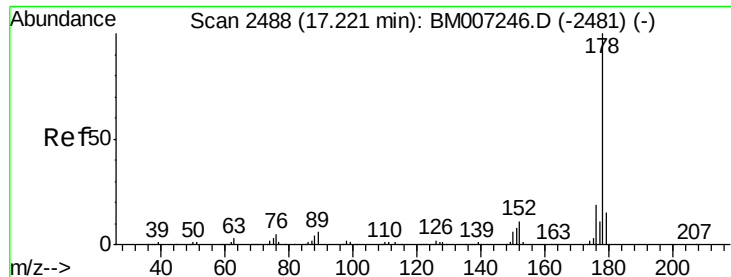


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 2.54 ng/ul

RT: 17.22 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

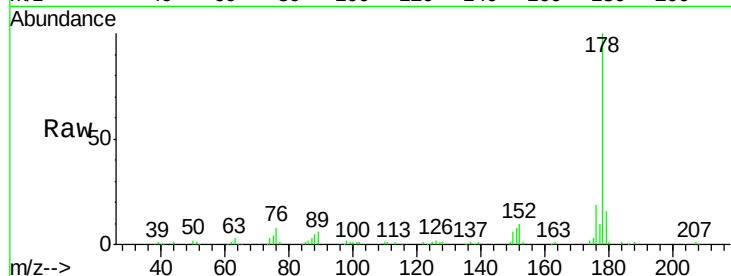
Tgt Ion:178 Resp: 229287

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.2

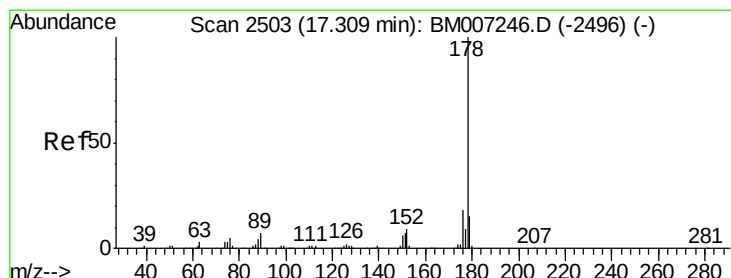
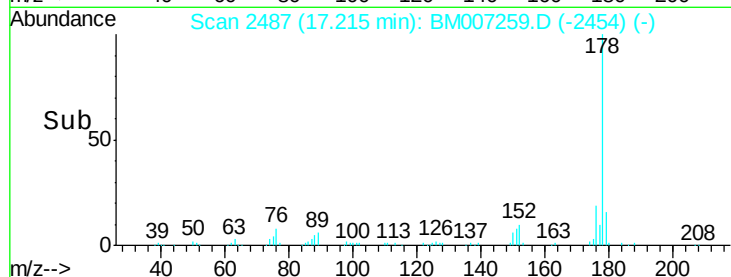
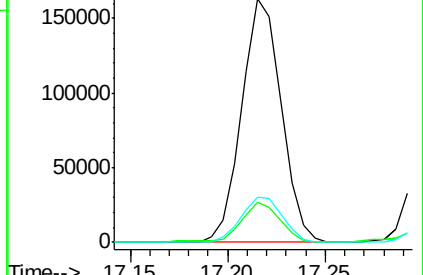
176 18.7 15.1 22.7



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



#71

Anthracene

Concen: 2.54 ng/ul

RT: 17.31 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

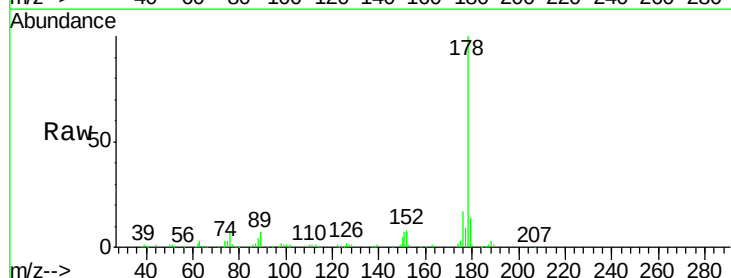
Tgt Ion:178 Resp: 236018

Ion Ratio Lower Upper

178 100

179 14.3 12.1 18.1

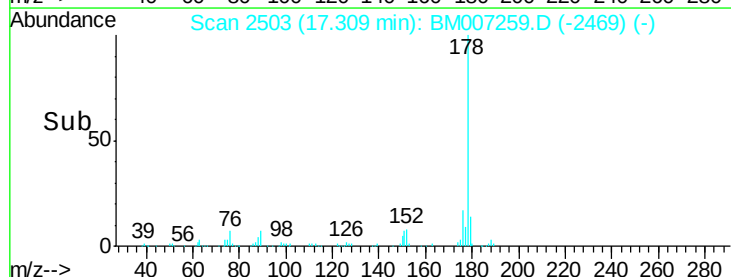
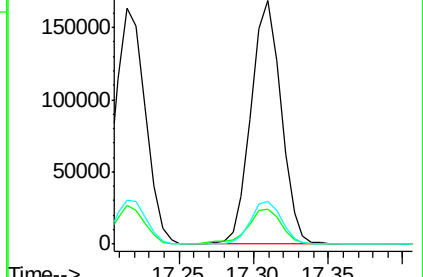
176 17.3 14.5 21.7

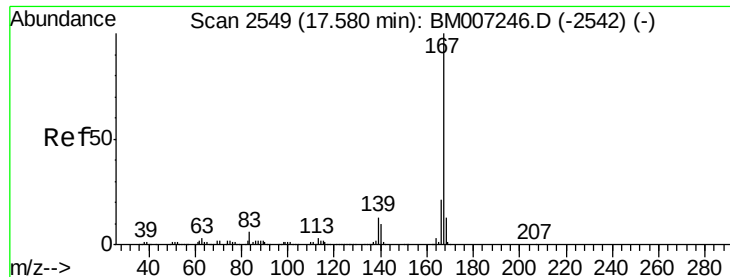


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

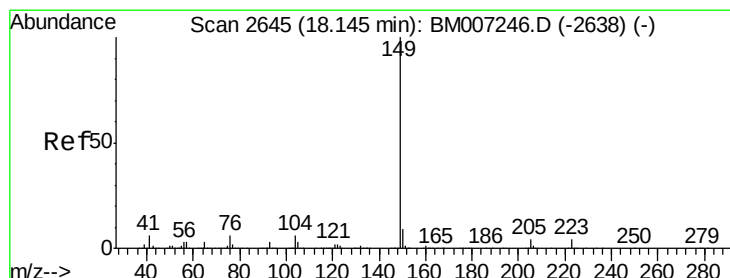
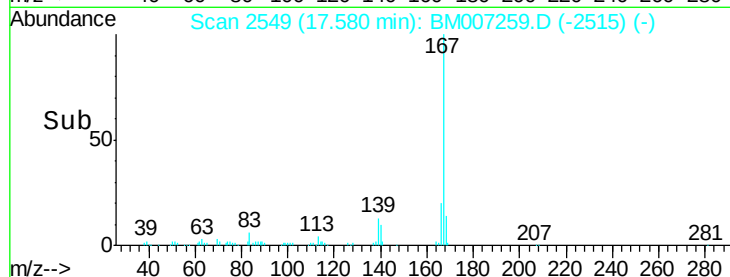
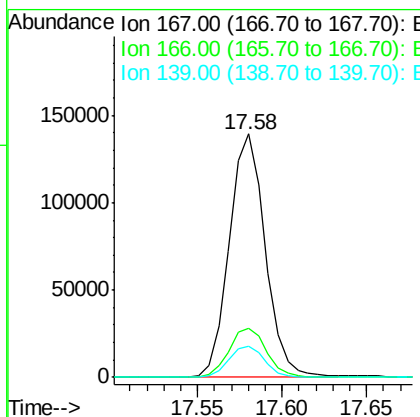
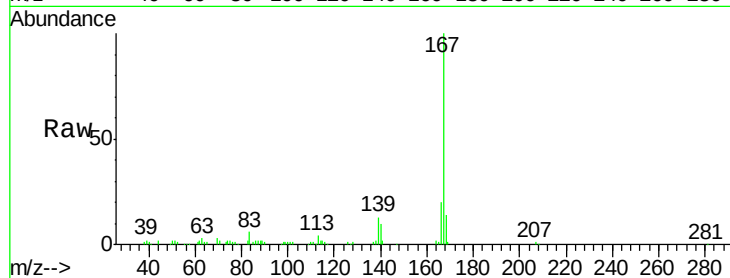




#72
 Carbazole
 Concen: 2.56 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

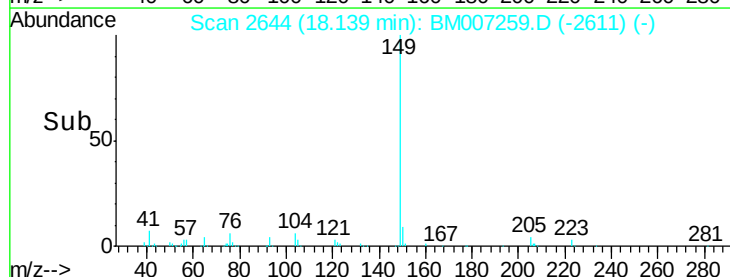
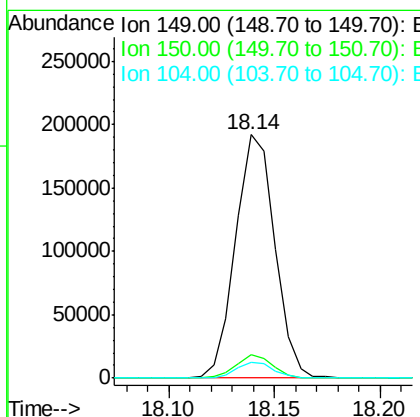
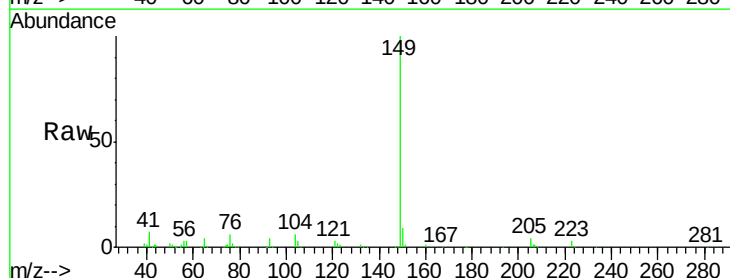
Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

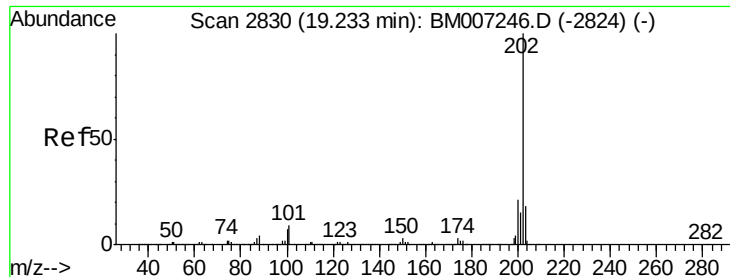
Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.9	16.6	25.0
139	13.0	10.2	15.4



#73
 Di-n-butylphthalate
 Concen: 2.44 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007259.D
 Acq: 23 Aug 2016 19:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.4	4.6	7.0





#74

Fluoranthene

Concen: 2.76 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

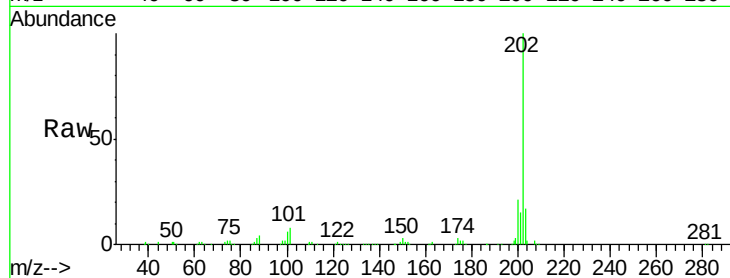
Tgt Ion:202 Resp: 311974

Ion Ratio Lower Upper

202 100

101 8.1 6.9 10.3

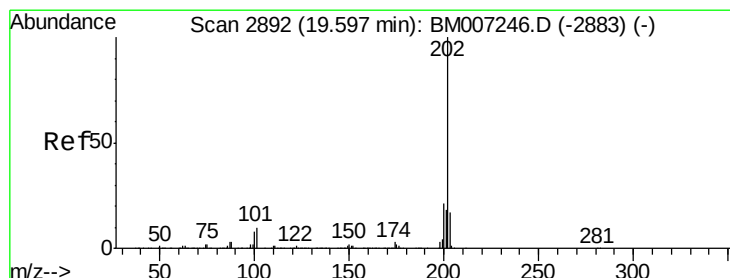
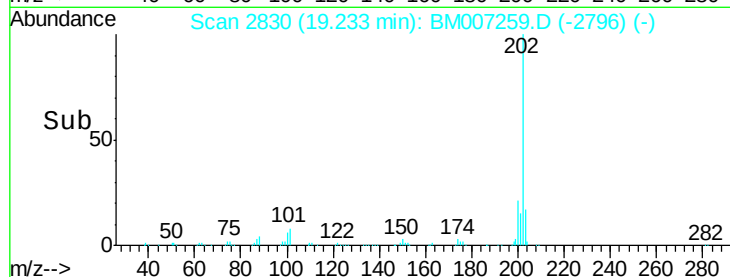
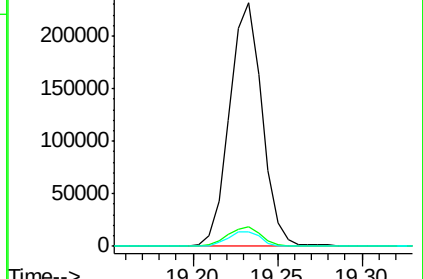
100 6.0 5.4 8.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 2.56 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

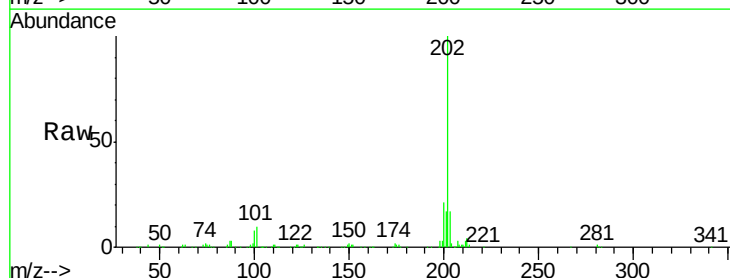
Tgt Ion:202 Resp: 336784

Ion Ratio Lower Upper

202 100

101 9.6 8.4 12.6

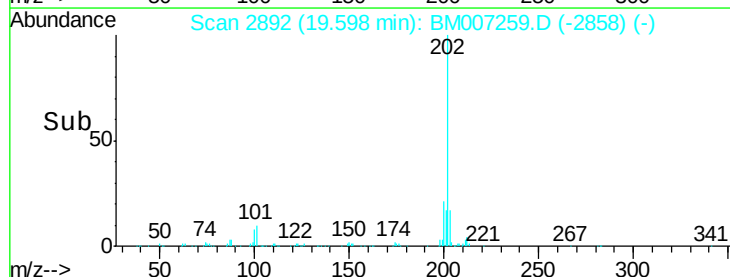
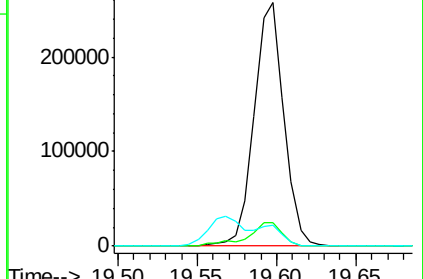
100 8.4 6.9 10.3

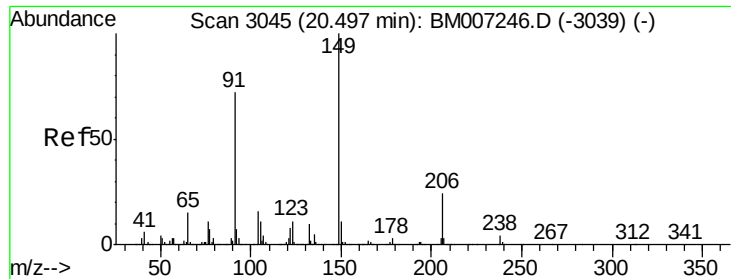


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

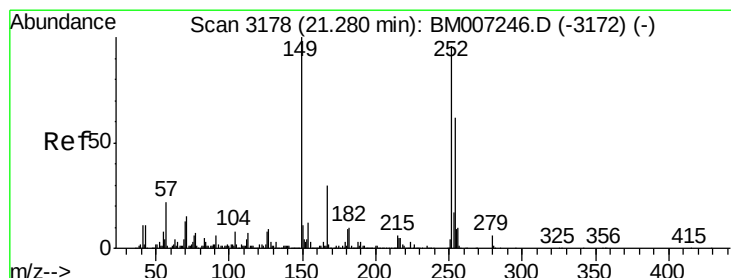
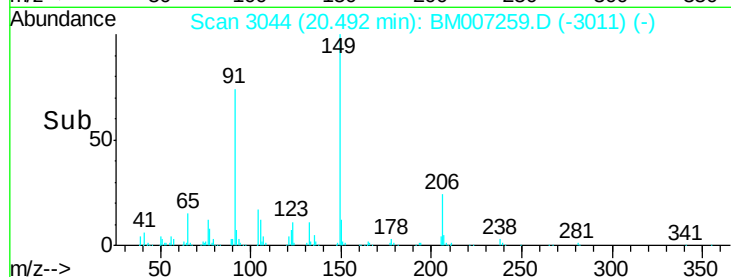
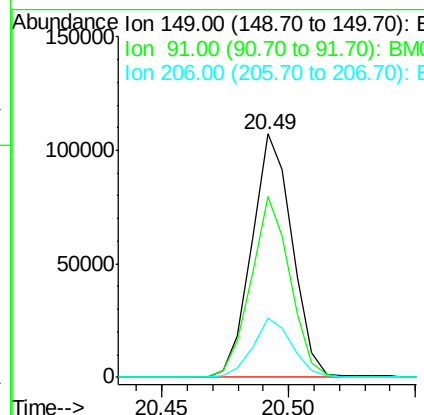
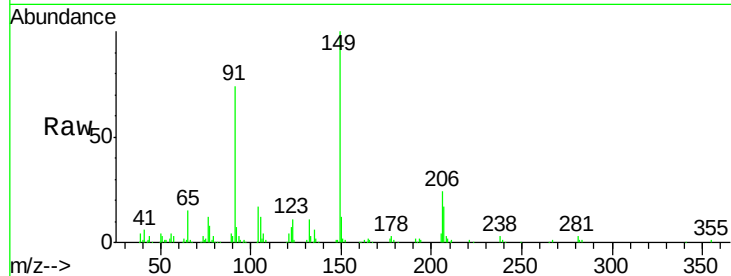




#78
Butylbenzylphthalate
Concen: 2.18 ng/ul
RT: 20.49 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

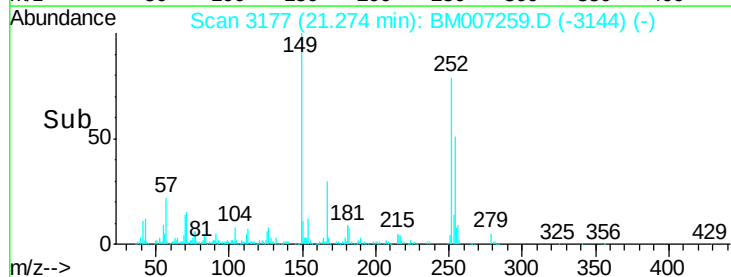
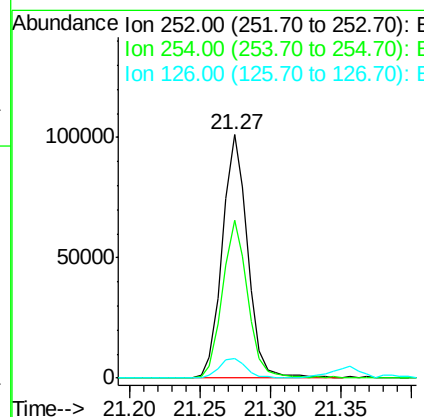
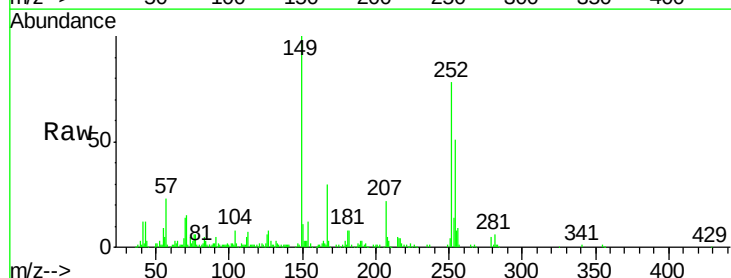
Instrument :
BNA_M
ClientSampleId :
MDL-06-S

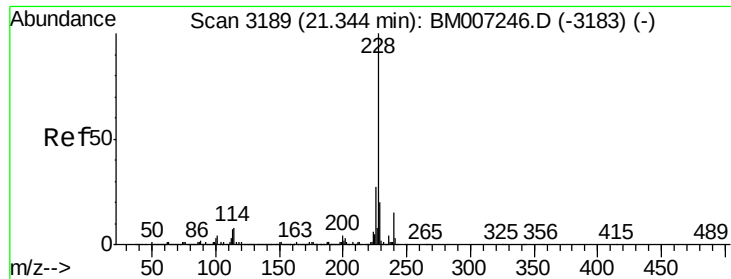
Tgt Ion:149 Resp: 119462
Ion Ratio Lower Upper
149 100
91 74.2 57.3 85.9
206 24.4 18.6 27.8



#79
3,3'-Dichlorobenzidine
Concen: 2.60 ng/ul
RT: 21.27 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BM007259.D
Acq: 23 Aug 2016 19:15

Tgt Ion:252 Resp: 126523
Ion Ratio Lower Upper
252 100
254 64.8 51.0 76.4
126 8.2 7.1 10.7





#80

Benzo(a)anthracene

Concen: 2.62 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

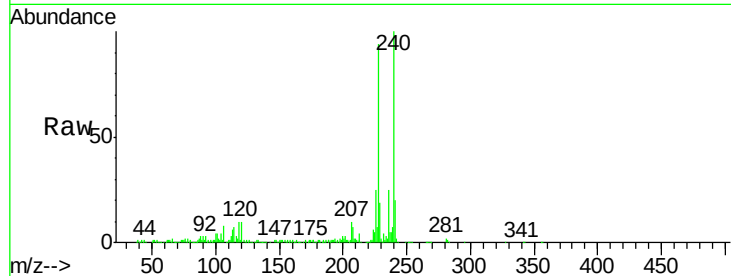
Tgt Ion:228 Resp: 378408

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

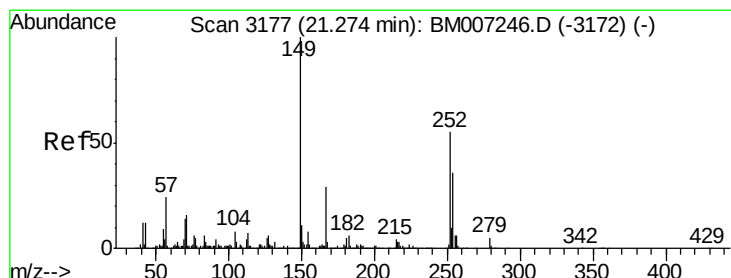
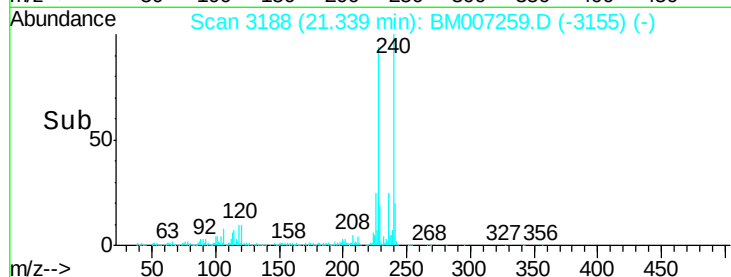
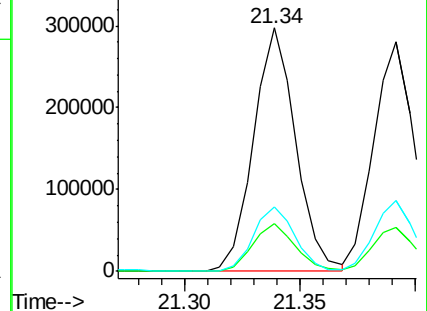
226 26.5 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.34 ng/ul

RT: 21.27 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

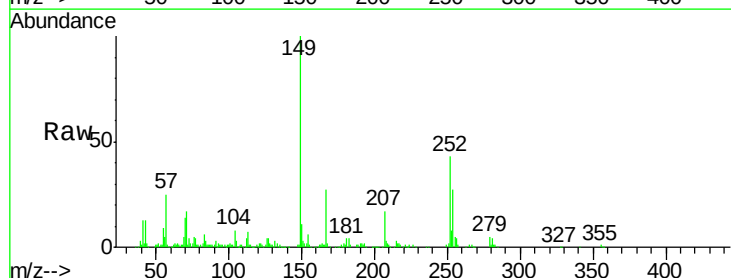
Tgt Ion:149 Resp: 185435

Ion Ratio Lower Upper

149 100

167 27.5 23.2 34.8

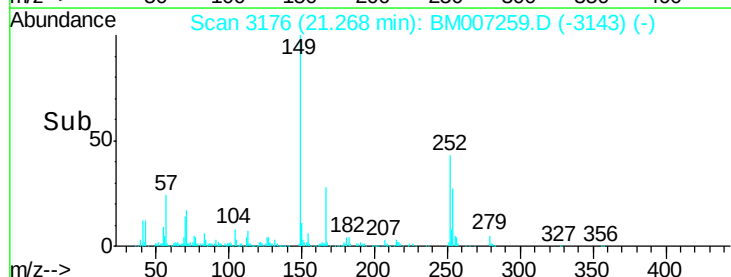
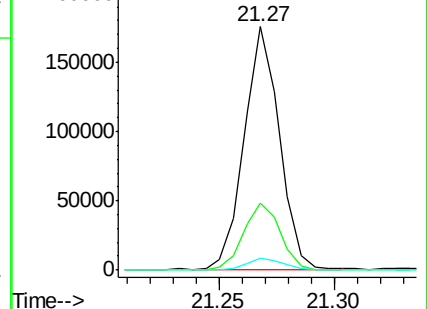
279 4.7 4.1 6.1

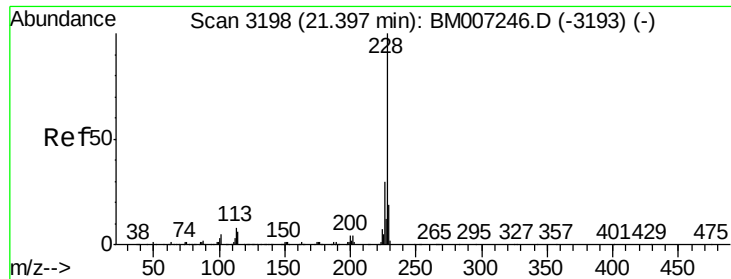


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 2.63 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

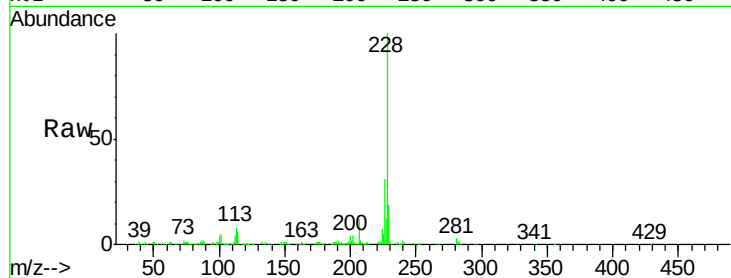
Tgt Ion: 228 Resp: 343850

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.2

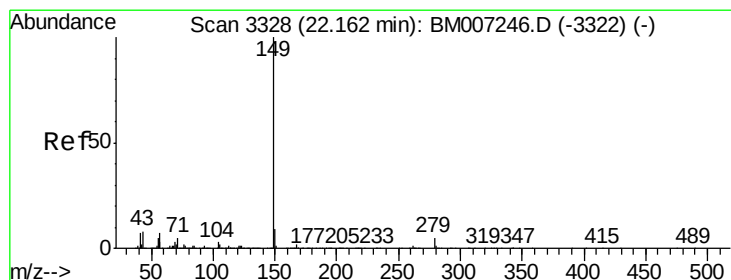
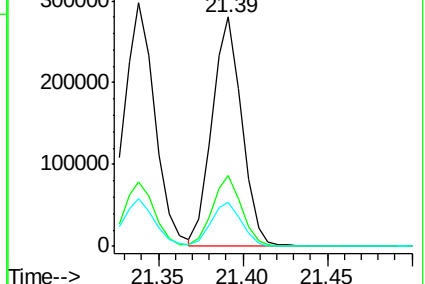
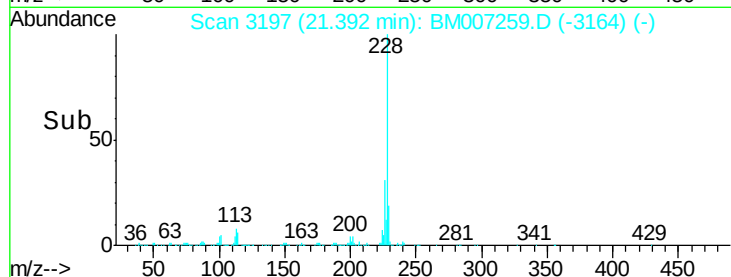
229 19.3 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 2.49 ng/ul

RT: 22.16 min Scan# 3327

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

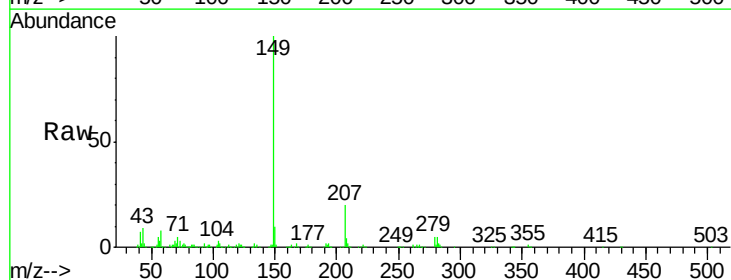
Tgt Ion: 149 Resp: 334944

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

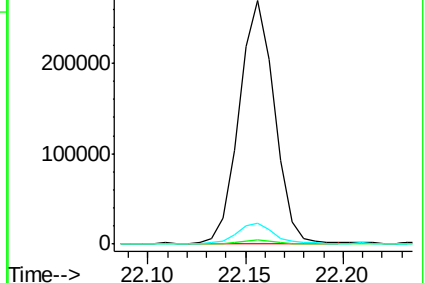
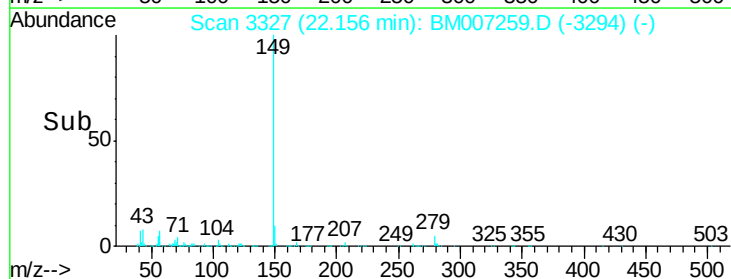
43 8.7 6.6 10.0

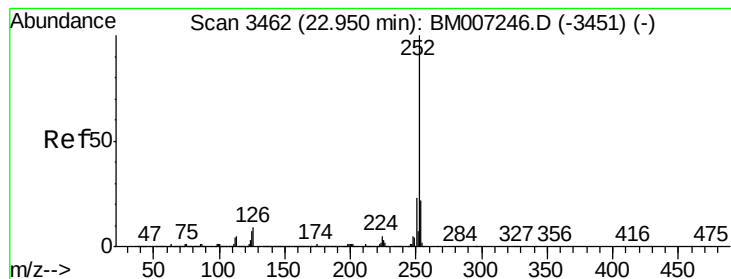


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 2.57 ng/ul

RT: 22.94 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

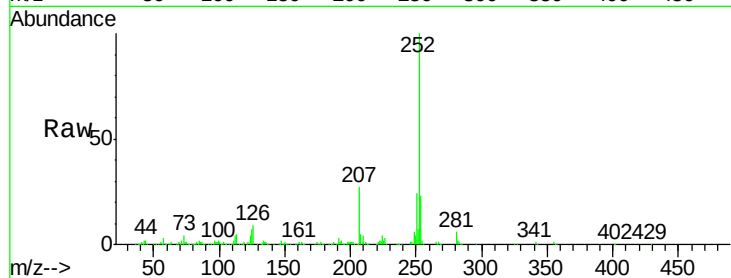
Tgt Ion:252 Resp: 410084

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

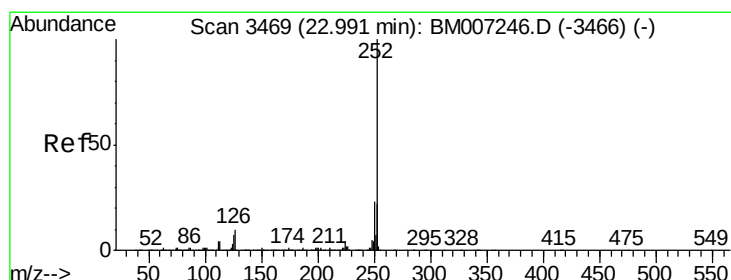
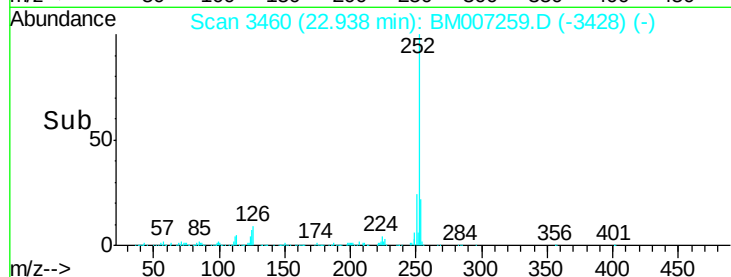
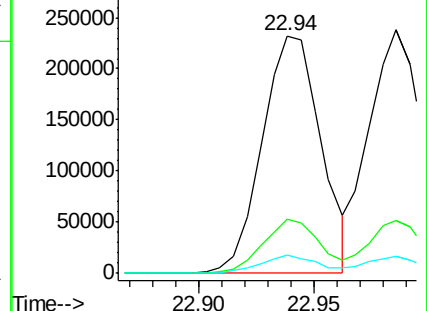
125 7.5 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 2.63 ng/ul

RT: 22.99 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

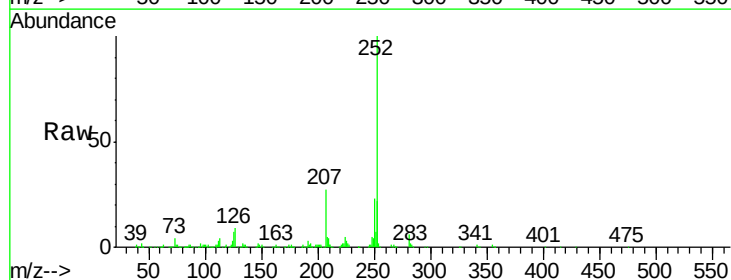
Tgt Ion:252 Resp: 388514

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

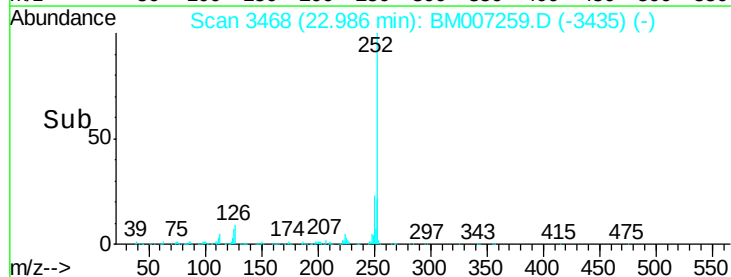
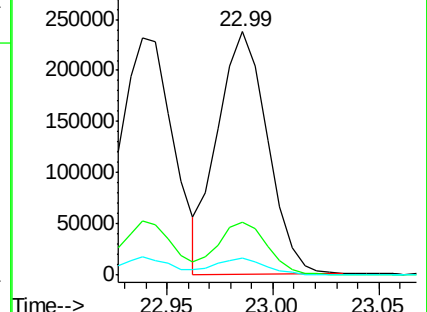
125 6.9 5.7 8.5

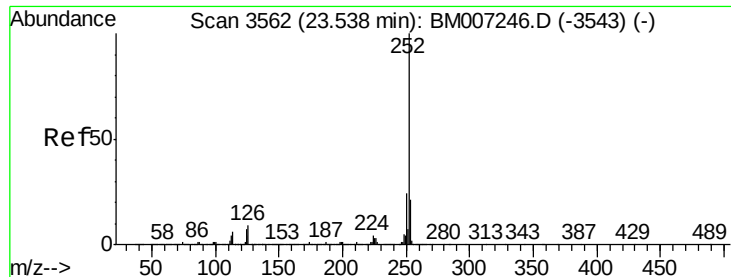


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.68 ng/ul

RT: 23.53 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

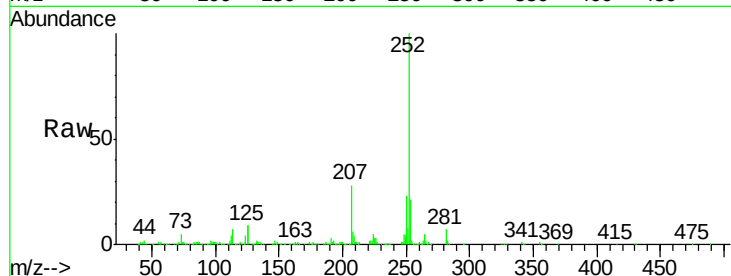
Tgt Ion: 252 Resp: 409145

Ion Ratio Lower Upper

252 100

253 21.2 17.7 26.5

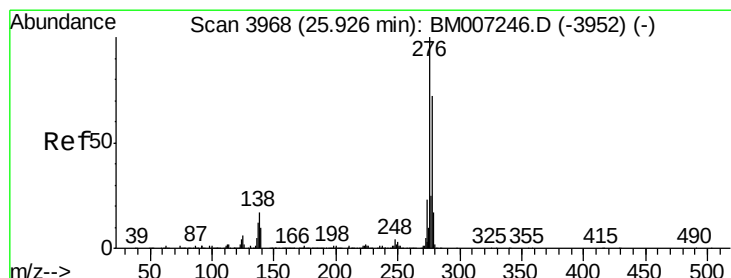
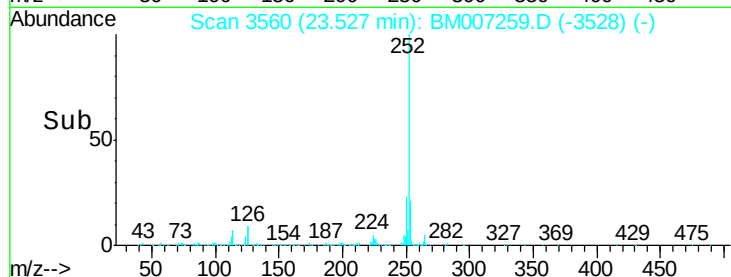
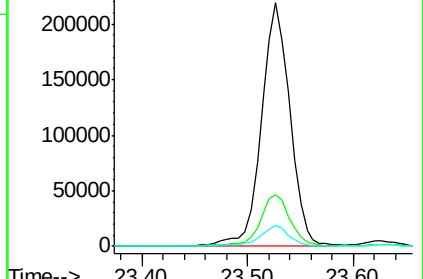
125 8.6 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.62 ng/ul

RT: 25.91 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

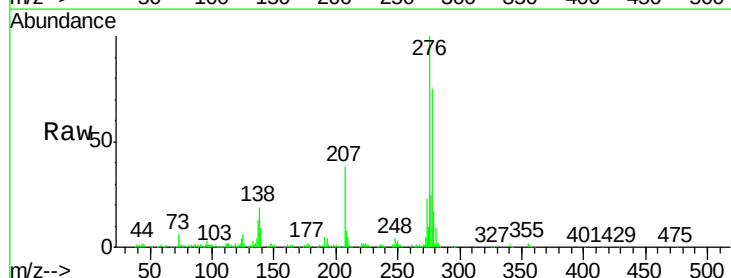
Tgt Ion: 276 Resp: 489961

Ion Ratio Lower Upper

276 100

138 18.9 13.9 20.9

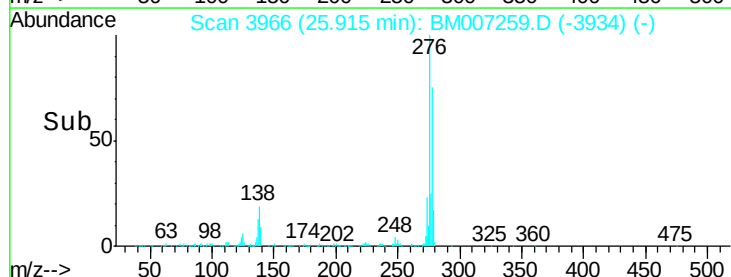
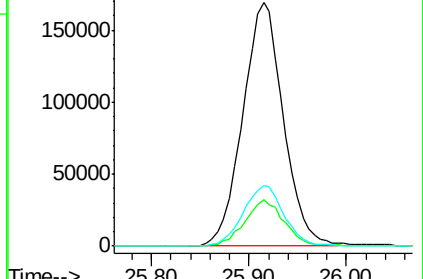
277 24.9 20.1 30.1

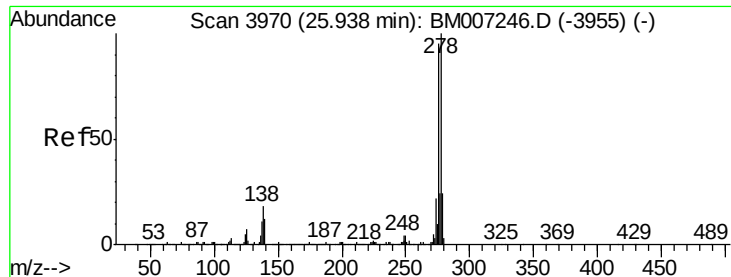


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.66 ng/ul

RT: 25.93 min Scan# 3968

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

Instrument :

BNA_M

ClientSampleId :

MDL-06-S

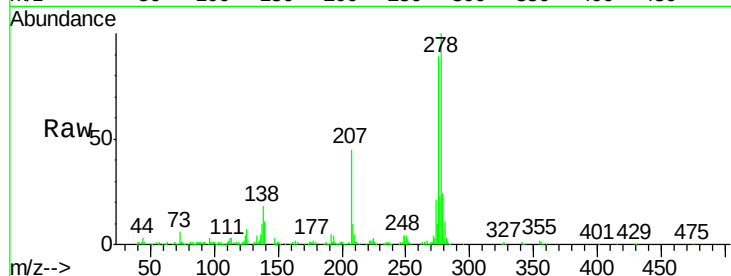
Tgt Ion:278 Resp: 414523

Ion Ratio Lower Upper

278 100

139 11.1 9.5 14.3

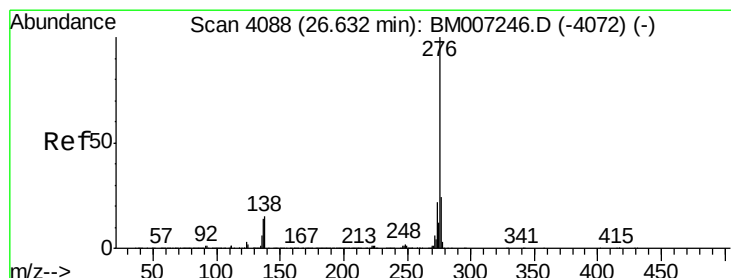
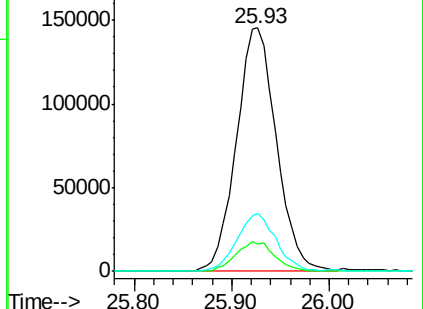
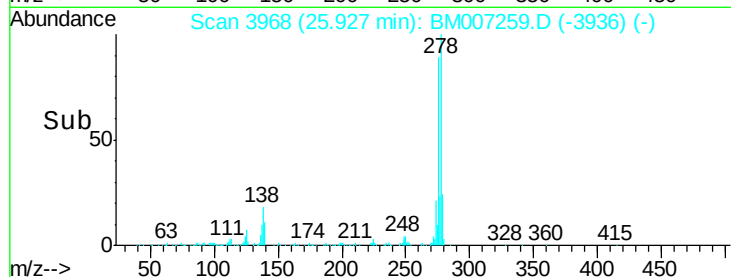
279 24.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.57 ng/ul

RT: 26.62 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BM007259.D

Acq: 23 Aug 2016 19:15

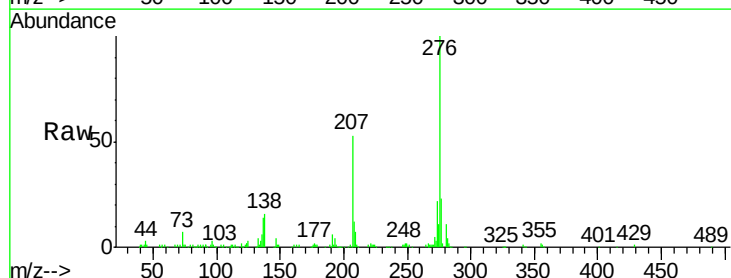
Tgt Ion:276 Resp: 408146

Ion Ratio Lower Upper

276 100

138 16.2 13.5 20.3

277 23.3 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

