

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005459.D
 Acq On : 14 May 2016 10:36
 Operator : UM/SJ
 Sample : H2834-14MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4061MS

Quant Time: May 16 03:40:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	63562	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	296549	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	189197	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	444383	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	518205	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	436350	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	4725	3.50	ng/uL	0.00
5) Phenol-d5	6.93	99	112240	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	66853	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	89371	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	93488	19.62	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	45389	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	51464	21.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	90811	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	49386	9.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	326810	21.55	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	378947	21.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	33803	12.21	ng/ul	0.00
57) Fluorene-d10	15.39	176	270481	20.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	28885	11.55	ng/ul	0.00
70) Anthracene-d10	17.24	188	425152	21.64	ng/ul	0.00
76) Pyrene-d10	19.54	212	518689	21.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	420676	21.78	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.92	77	2598	0.93	ng/ul#	83
6) Phenol	6.96	94	117588	19.74	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	214	0.05	ng/ul#	21
10) 2-Chlorophenol	7.32	128	87966	19.75	ng/ul	96
11) 2-Methylphenol	8.09	108	110	0.02	ng/ul#	4
14) Acetophenone	8.58	105	8430	1.19	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	85877	23.28	ng/ul	99
21) Isophorone	9.63	82	4208	0.41	ng/ul#	67
33) 4-Chloro-3-methylphenol	11.83	107	115439	21.10	ng/ul	98
41) 2-Chloronaphthalene	13.14	162	841	0.07	ng/ul#	39
42) 2-Nitroaniline	13.33	65	985	0.28	ng/ul#	4
44) Dimethylphthalate	13.84	163	105097	6.94	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	1055	0.35	ng/ul#	27
49) Acenaphthene	14.46	153	257384	20.75	ng/ul	99
52) 4-Nitrophenol	14.64	109	35270	15.32	ng/ul	92
54) 2,4-Dinitrotoluene	14.77	165	94155	21.13	ng/ul	99
56) Diethylphthalate	15.22	149	535	0.03	ng/ul#	59
58) Fluorene	15.39	166	466	0.03	ng/ul#	9
59) 4-Chlorophenyl-phenylether	15.42	204	2641	0.38	ng/ul#	28
68) Pentachlorophenol	16.80	266	46960	17.69	ng/ul	95
69) Phenanthrene	17.19	178	3313	0.14	ng/ul#	89
71) Anthracene	17.27	178	355	0.02	ng/ul#	60
72) Carbazole	17.57	167	436	0.02	ng/ul#	60

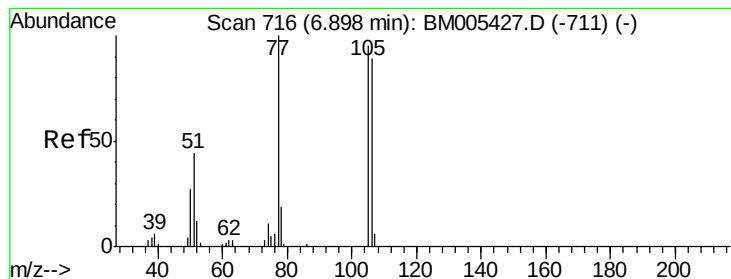
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	18.10	149	2443	0.10	ng/ul#	78
74) Fluoranthene	19.21	202	7125	0.28	ng/ul#	92
77) Pyrene	19.57	202	655834	21.82	ng/ul	99
78) Butylbenzylphthalate	20.46	149	1475	0.12	ng/ul#	26
80) Benzo(a)anthracene	21.33	228	6742	0.23	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.24	149	3727	0.21	ng/ul#	59
82) Chrysene	21.33	228	7217	0.26	ng/ul	96
84) Di-n-octyl phthalate	22.23	149	665	0.03	ng/ul#	1
85) Benzo(b)fluoranthene	22.94	252	9192	0.36	ng/ul#	1
86) Benzo(k)fluoranthene	22.94	252	9192	0.38	ng/ul#	1
88) Benzo(a)pyrene	23.52	252	3464	0.14	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	25.93	276	1852	0.07	ng/ul#	49
91) Benzo(g,h,i)perylene	26.64	276	1542	0.07	ng/ul#	62

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



#4

Benzaldehyde

Concen: 0.93 ng/ul

RT: 6.92 min Scan# 719

Delta R.T. 0.02 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

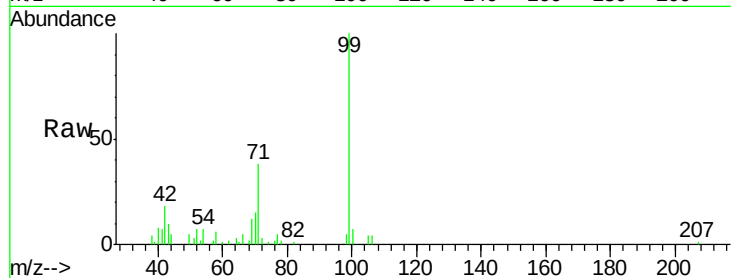
Tgt Ion: 77 Resp: 2598

Ion Ratio Lower Upper

77 100

105 85.0 77.6 116.4

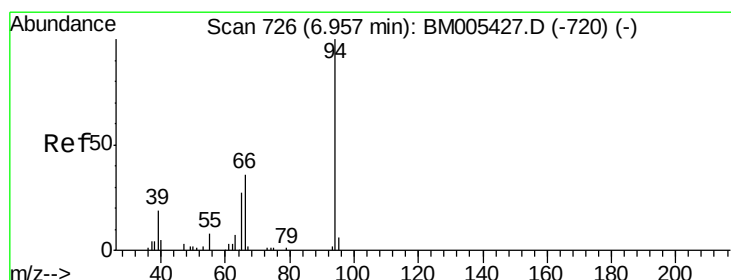
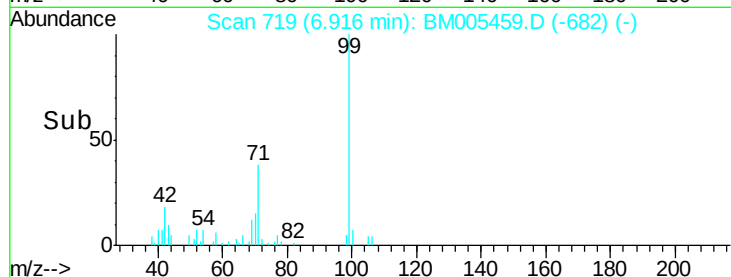
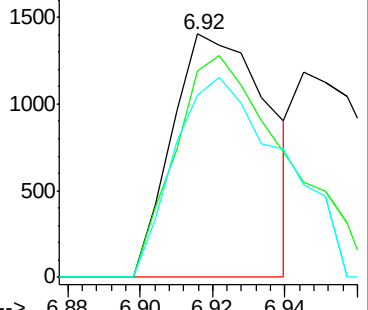
106 75.0 77.9 116.9#



Abundance Ion 77.00 (76.70 to 77.70): BM005427.D (-711) (-)

Ion 105.00 (104.70 to 105.70): BM005427.D (-711) (-)

Ion 106.00 (105.70 to 106.70): BM005427.D (-711) (-)



#6

Phenol

Concen: 19.74 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

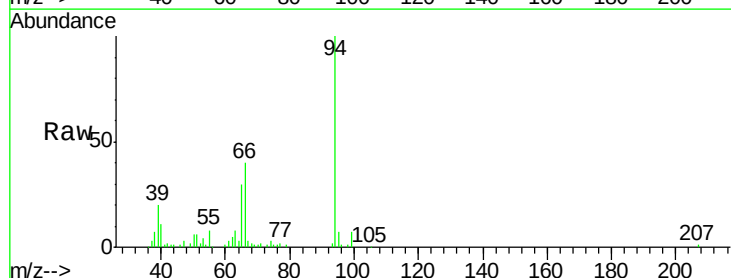
Tgt Ion: 94 Resp: 117588

Ion Ratio Lower Upper

94 100

65 30.1 22.7 34.1

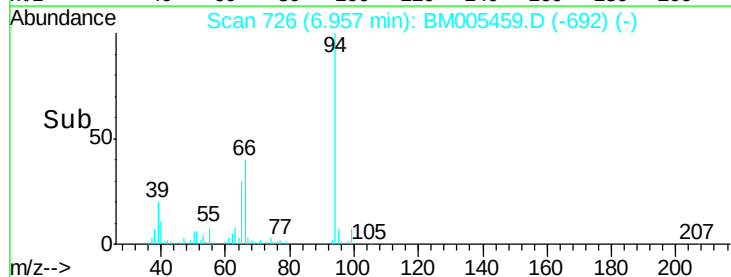
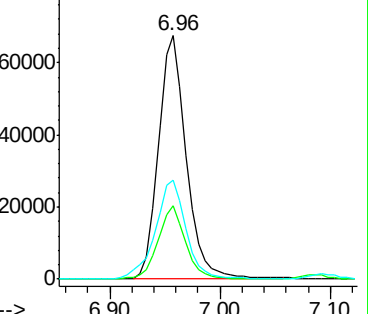
66 40.5 31.7 47.5

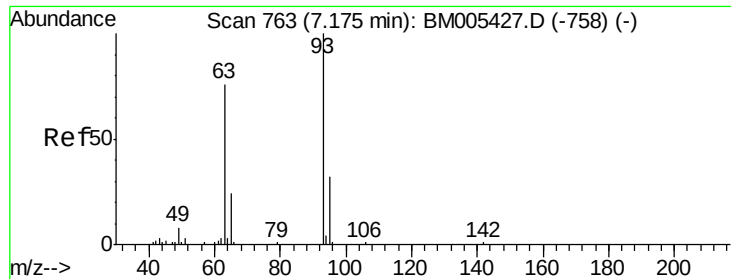


Abundance Ion 94.00 (93.70 to 94.70): BM005427.D (-720) (-)

Ion 65.00 (64.70 to 65.70): BM005427.D (-720) (-)

Ion 66.00 (65.70 to 66.70): BM005427.D (-720) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 0.05 ng/ul

RT: 7.18 min Scan# 764

Delta R.T. 0.01 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

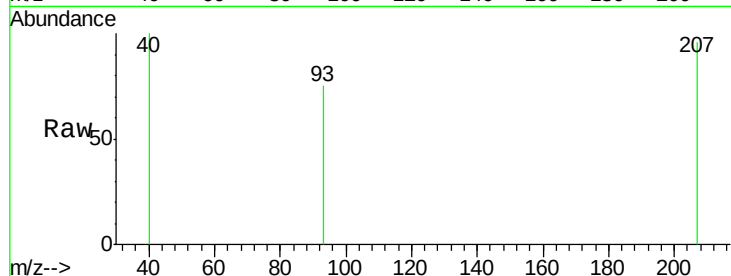
Tgt Ion: 93 Resp: 214

Ion Ratio Lower Upper

93 100

63 0.0 60.6 90.8#

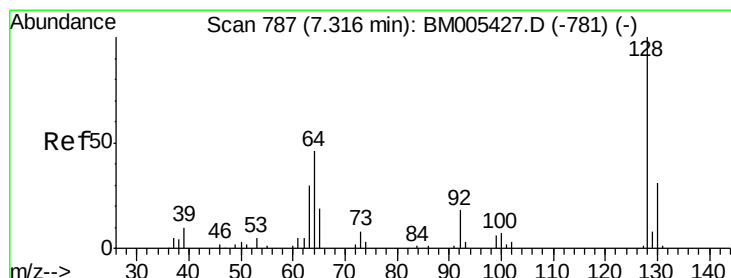
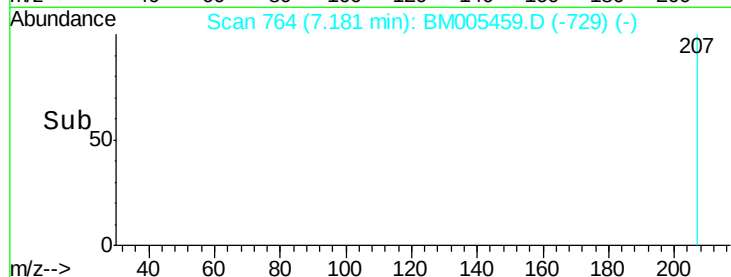
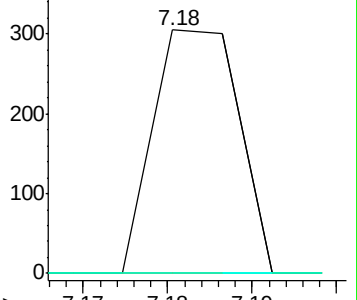
95 0.0 24.2 36.4#



Abundance Ion 93.00 (92.70 to 93.70): BM005427.D (-758) (-)

Ion 63.00 (62.70 to 63.70): BM005427.D (-758) (-)

Ion 95.00 (94.70 to 95.70): BM005427.D (-758) (-)



#10

2-Chlorophenol

Concen: 19.75 ng/ul

RT: 7.32 min Scan# 787

Delta R.T. -0.00 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

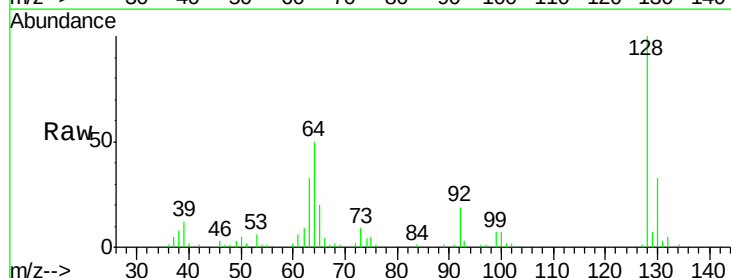
Tgt Ion: 128 Resp: 87966

Ion Ratio Lower Upper

128 100

64 50.0 37.8 56.8

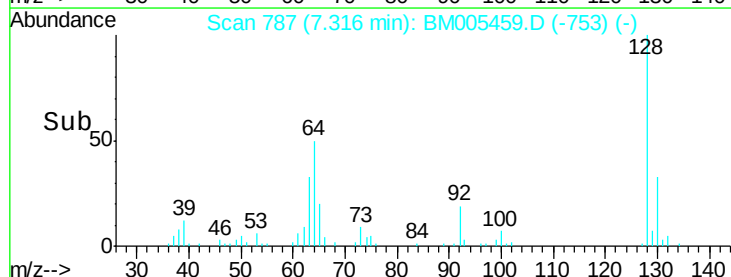
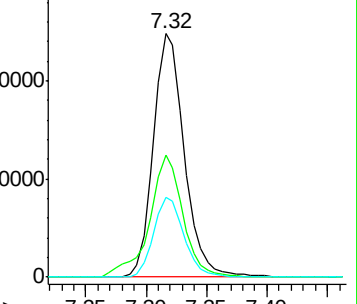
130 32.8 24.9 37.3

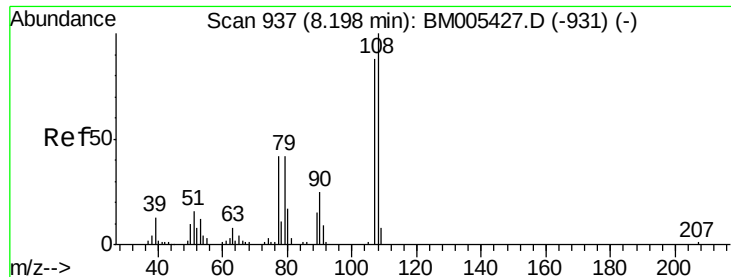


Abundance Ion 128.00 (127.70 to 128.70): BM005427.D (-781) (-)

Ion 64.00 (63.70 to 64.70): BM005427.D (-781) (-)

Ion 130.00 (129.70 to 130.70): BM005427.D (-781) (-)

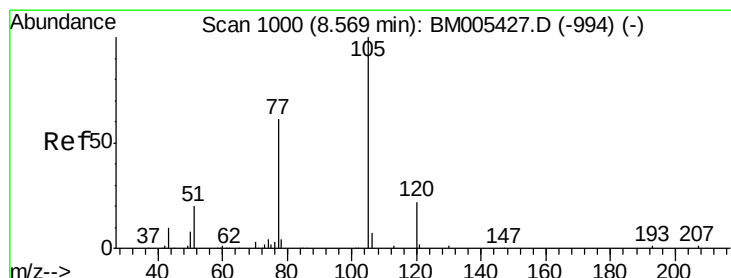
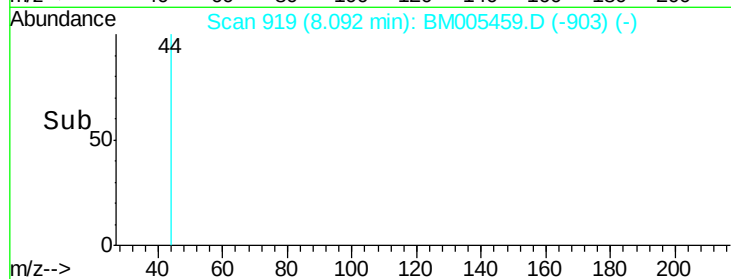
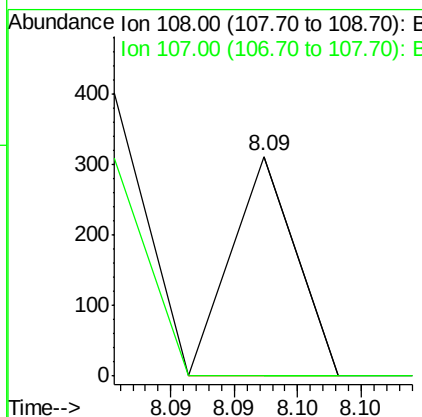
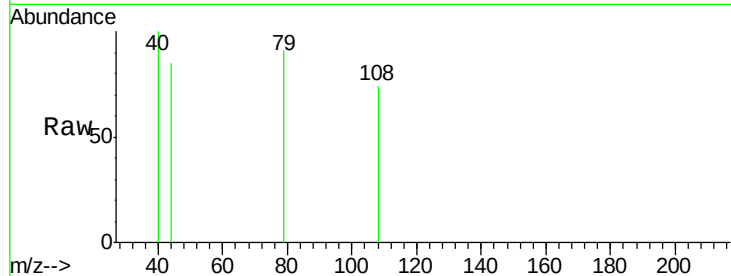




#11
2-Methylphenol
Concen: 0.02 ng/ul
RT: 8.09 min Scan# 919
Delta R.T. -0.11 min
Lab File: BM005459.D
Acq: 14 May 2016 10:36

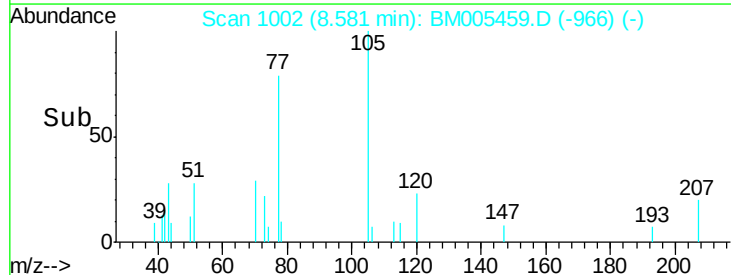
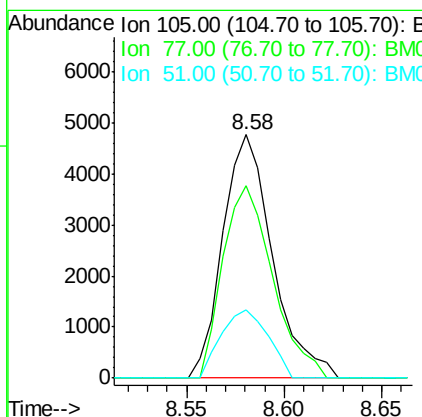
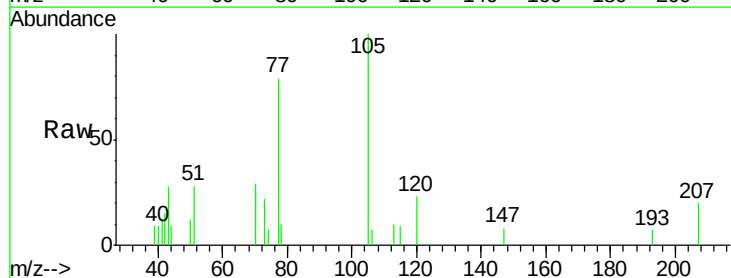
Instrument :
BNA_M
ClientSampleId :
H4061MS

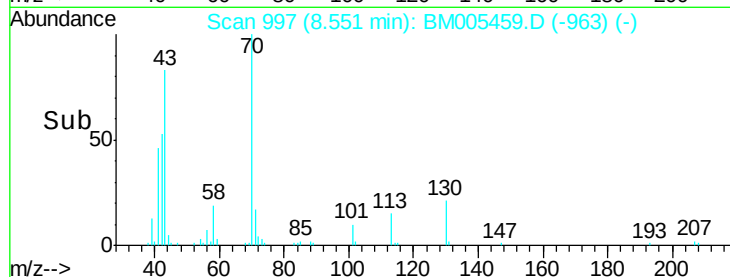
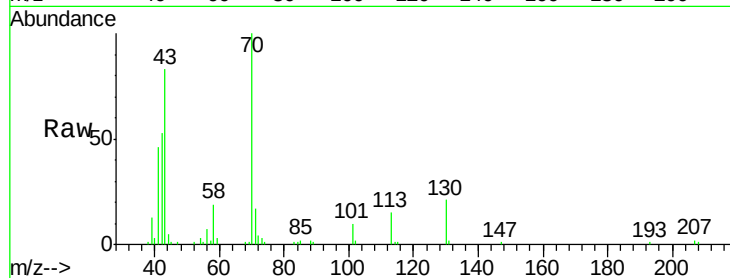
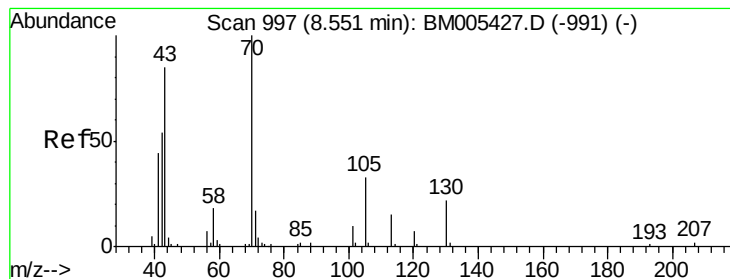
Tgt Ion:108 Resp: 110
Ion Ratio Lower Upper
108 100
107 0.0 73.4 110.0#



#14
Acetophenone
Concen: 1.19 ng/ul
RT: 8.58 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BM005459.D
Acq: 14 May 2016 10:36

Tgt Ion:105 Resp: 8430
Ion Ratio Lower Upper
105 100
77 78.9 61.2 91.8
51 28.2 21.2 31.8





#15

N-Nitroso-di-n-propylamine

Concen: 23.28 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. -0.00 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

Tgt Ion: 70 Resp: 85877

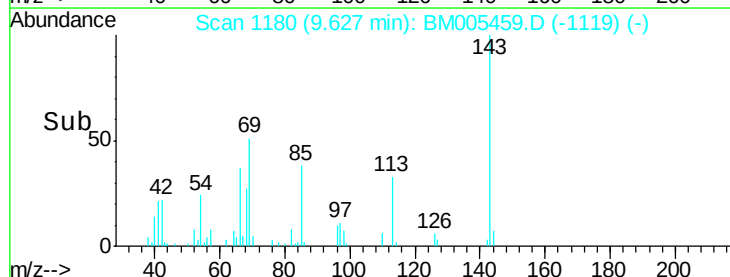
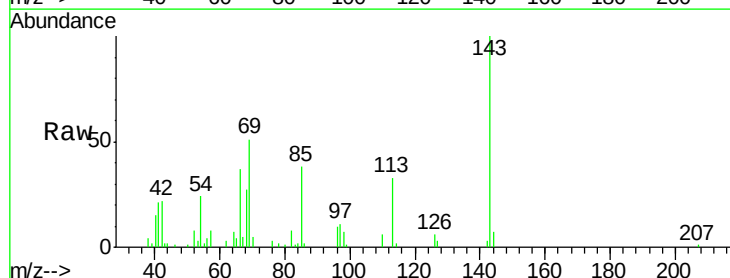
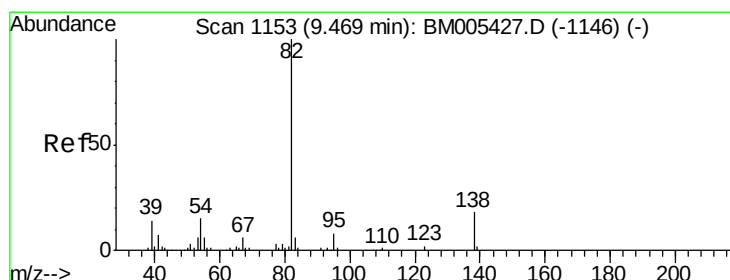
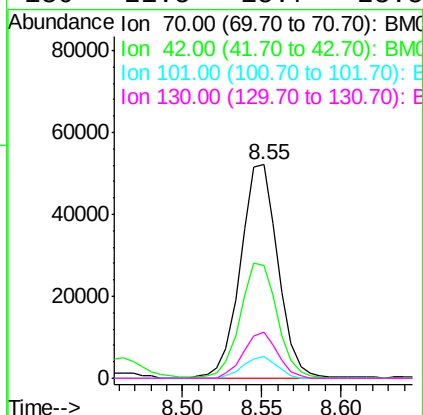
Ion Ratio Lower Upper

70 100

42 53.0 42.8 64.2

101 9.9 7.8 11.6

130 21.5 15.7 23.5



#21

Isophorone

Concen: 0.41 ng/ul

RT: 9.63 min Scan# 1180

Delta R.T. 0.16 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

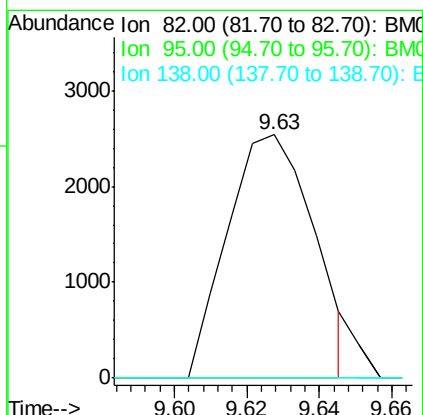
Tgt Ion: 82 Resp: 4208

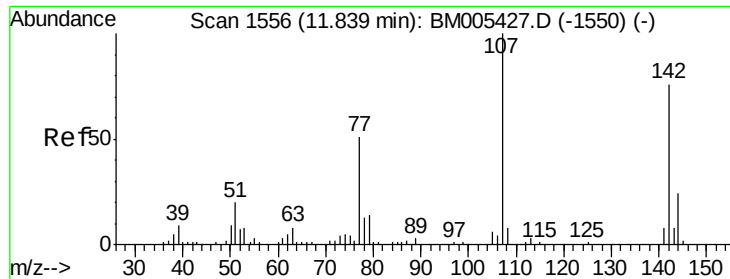
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.4 20.2#





#33

4-Chloro-3-methylphenol

Concen: 21.10 ng/ul

RT: 11.83 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

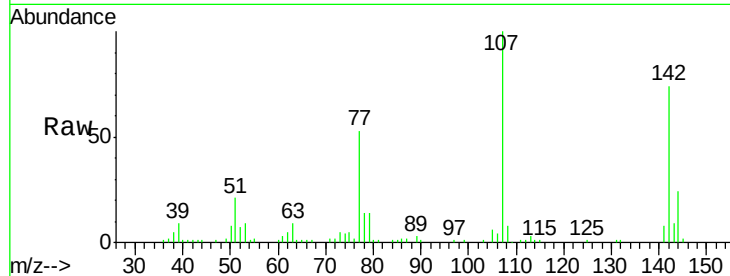
Tgt Ion:107 Resp: 115439

Ion Ratio Lower Upper

107 100

144 24.5 19.3 28.9

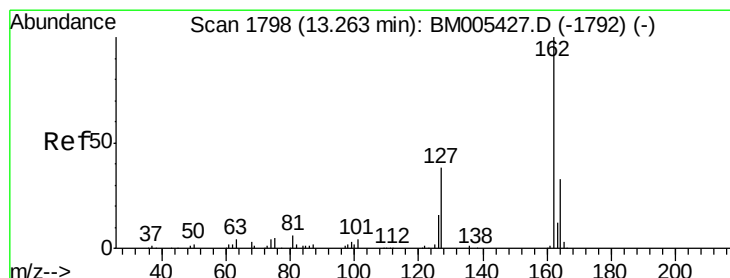
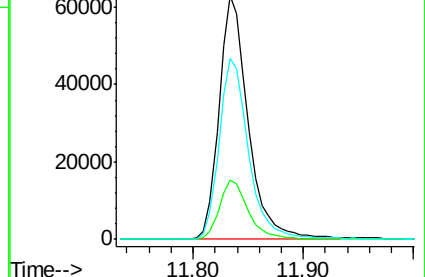
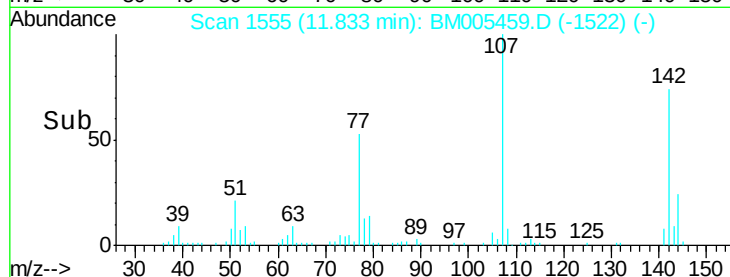
142 74.3 60.8 91.2



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



#41

2-Chloronaphthalene

Concen: 0.07 ng/ul

RT: 13.14 min Scan# 1777

Delta R.T. -0.12 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

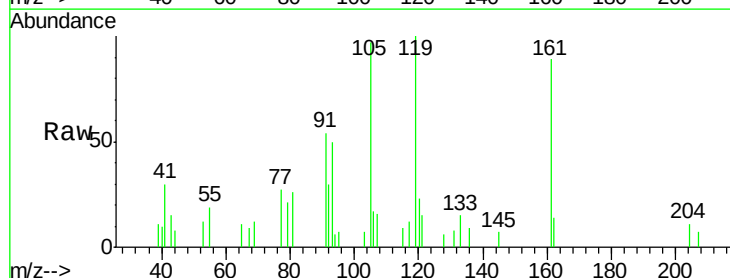
Tgt Ion:162 Resp: 841

Ion Ratio Lower Upper

162 100

164 0.0 25.5 38.3#

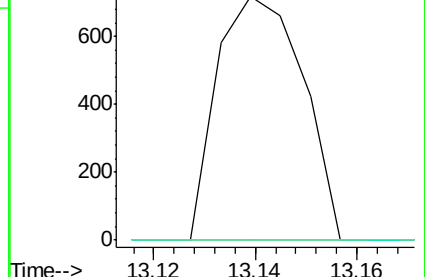
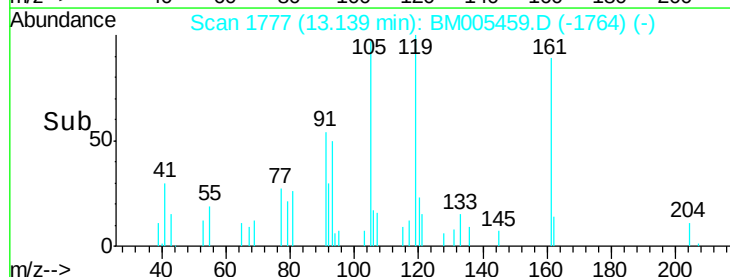
127 0.0 31.9 47.9#

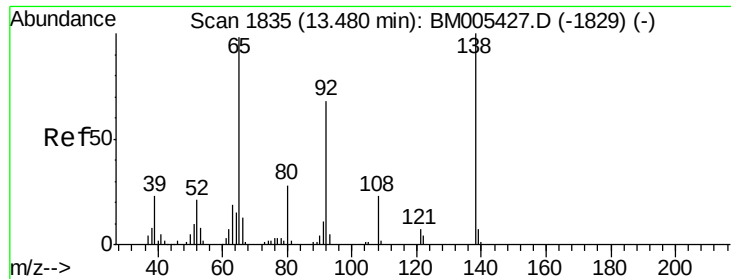


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#42

2-Nitroaniline

Concen: 0.28 ng/ul

RT: 13.33 min Scan# 1810

Delta R.T. -0.15 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

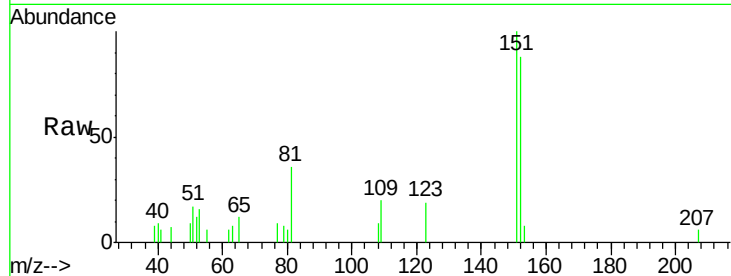
Tgt Ion: 65 Resp: 985

Ion Ratio Lower Upper

65 100

92 0.0 60.1 90.1#

138 0.0 84.0 126.0#

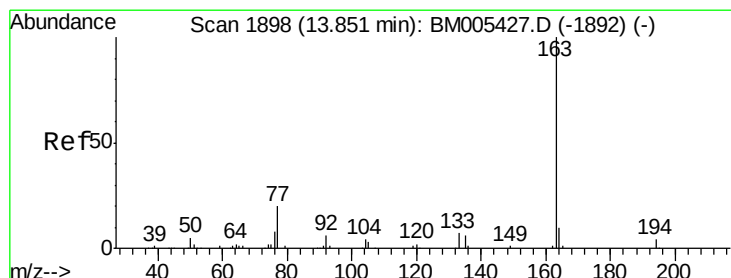
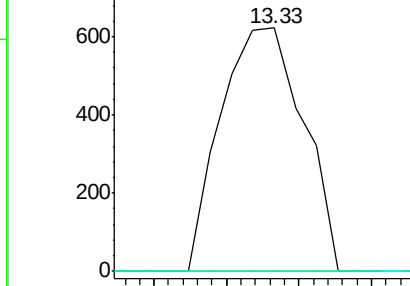
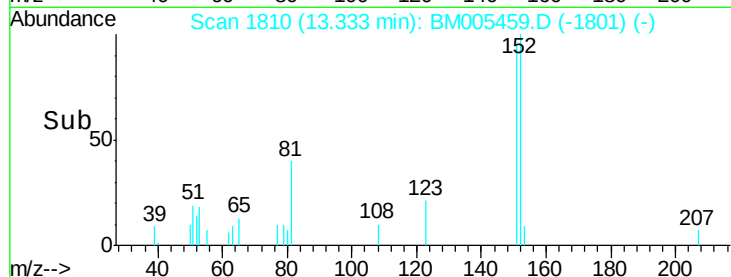


Abundance Ion 65.00 (64.70 to 65.70): BM005427.D (-1829) (-)

Ion 92.00 (91.70 to 92.70): BM005427.D (-1829) (-)

Ion 138.00 (137.70 to 138.70): BM005427.D (-1829) (-)

Time-->



#44

Dimethylphthalate

Concen: 6.94 ng/ul

RT: 13.84 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

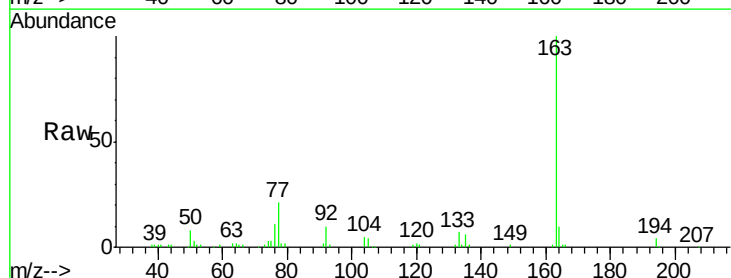
Tgt Ion: 163 Resp: 105097

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.4 7.9 11.9

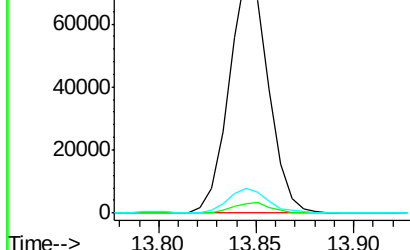
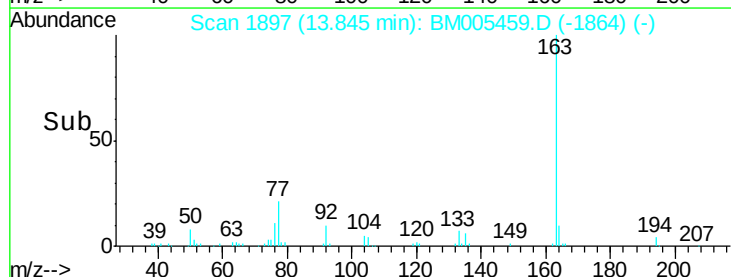


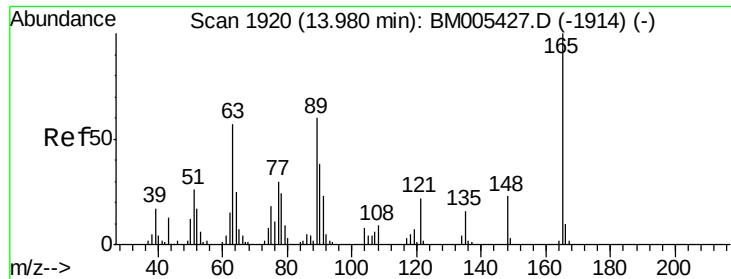
Abundance Ion 163.00 (162.70 to 163.70): BM005427.D (-1892) (-)

Ion 194.00 (193.70 to 194.70): BM005427.D (-1892) (-)

Ion 164.00 (163.70 to 164.70): BM005427.D (-1892) (-)

Time-->

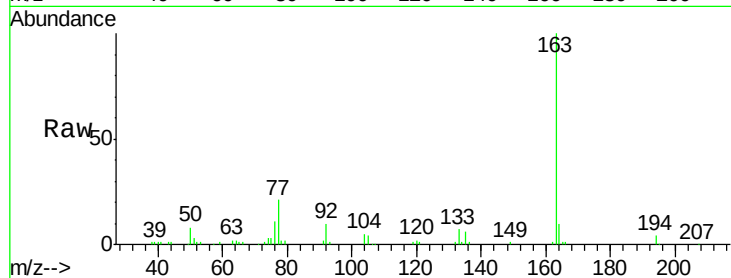




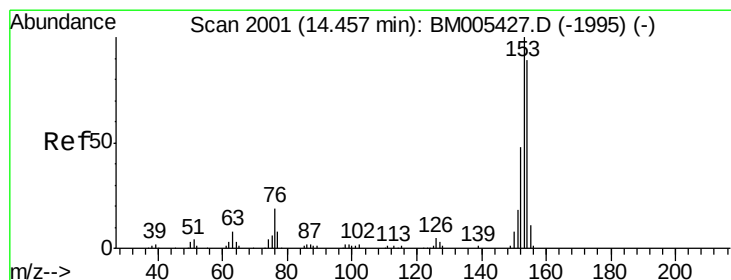
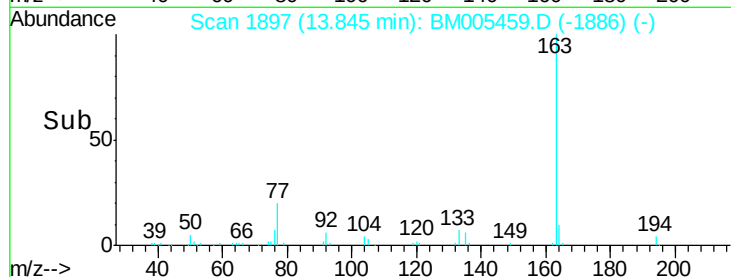
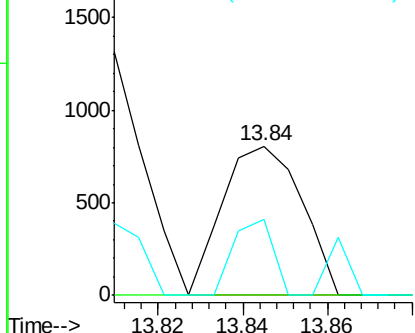
#45
 2,6-Dinitrotoluene
 Concen: 0.35 ng/ul
 RT: 13.84 min Scan# 1897
 Delta R.T. -0.14 min
 Lab File: BM005459.D
 Acq: 14 May 2016 10:36

Instrument :
 BNA_M
 ClientSampleId :
 H4061MS

Tgt Ion:165 Resp: 1055
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 50.7 21.0 31.4#

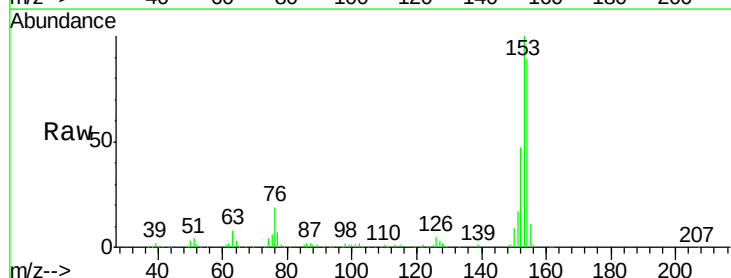


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM005427.D (-1914) (-)
 Ion 121.00 (120.70 to 121.70): E

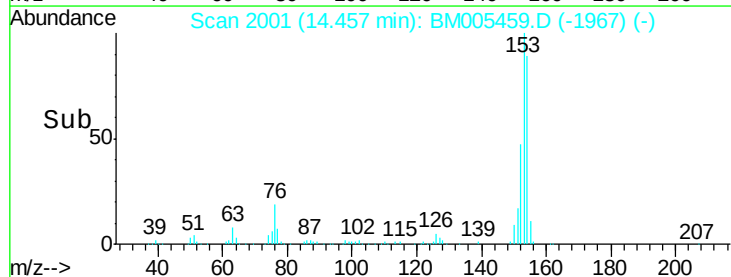
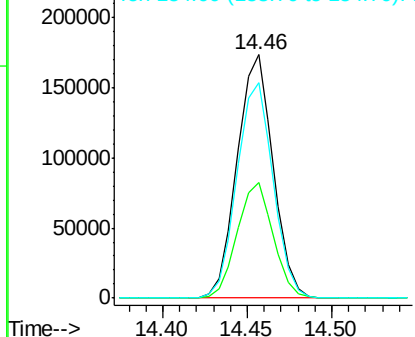


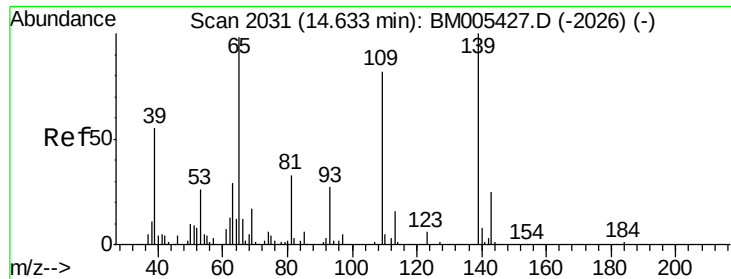
#49
 Acenaphthene
 Concen: 20.75 ng/ul
 RT: 14.46 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BM005459.D
 Acq: 14 May 2016 10:36

Tgt Ion:153 Resp: 257384
 Ion Ratio Lower Upper
 153 100
 152 47.3 38.9 58.3
 154 88.7 70.3 105.5



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





#52

4-Nitrophenol

Concen: 15.32 ng/ul

RT: 14.64 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

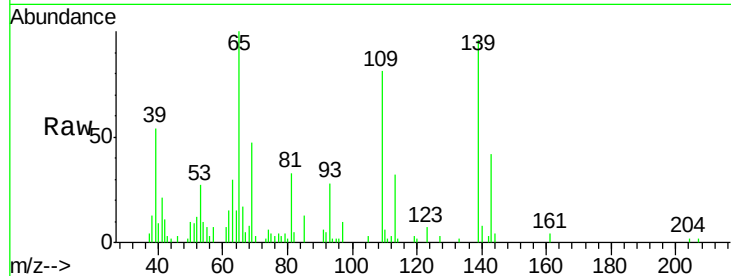
Tgt Ion:109 Resp: 35270

Ion Ratio Lower Upper

109 100

139 118.3 103.6 155.4

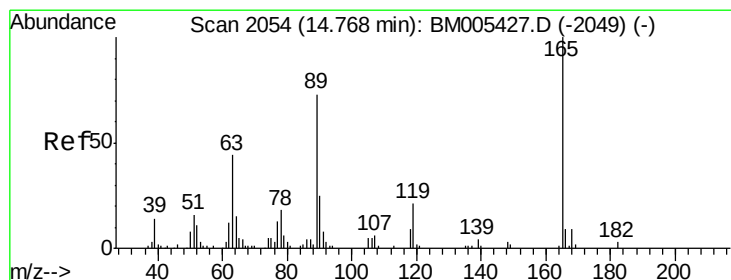
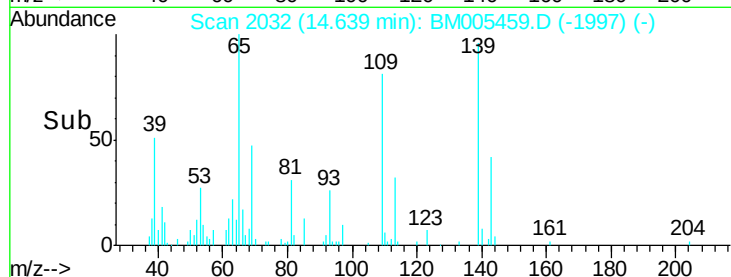
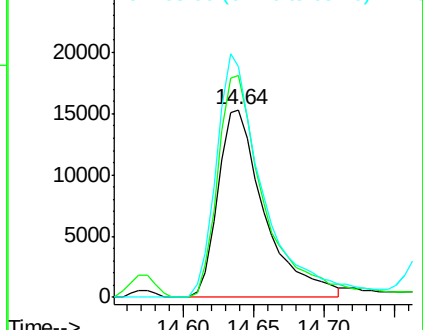
65 123.0 104.7 157.1



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



#54

2,4-Dinitrotoluene

Concen: 21.13 ng/ul

RT: 14.77 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

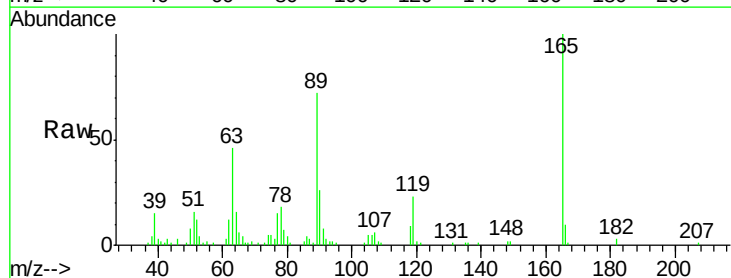
Tgt Ion:165 Resp: 94155

Ion Ratio Lower Upper

165 100

63 46.1 36.2 54.4

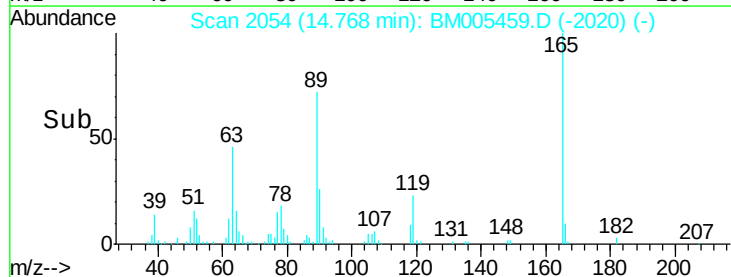
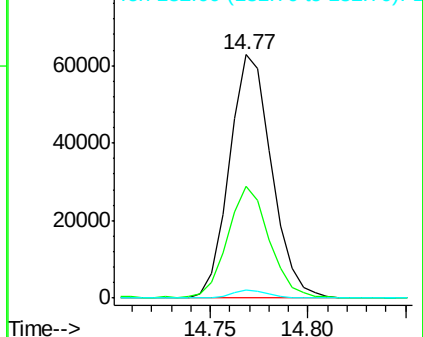
182 3.1 2.5 3.7

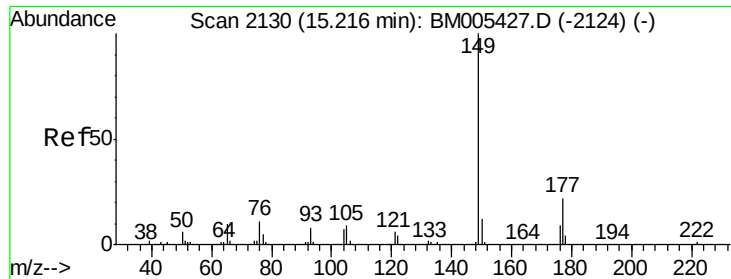


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

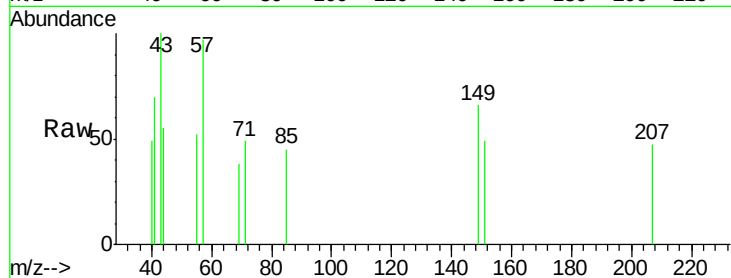




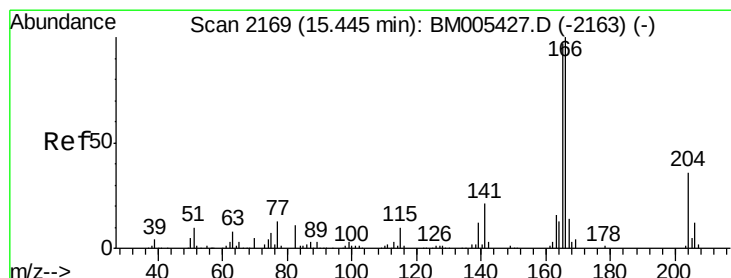
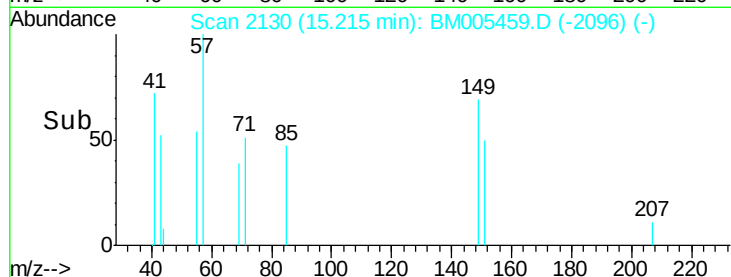
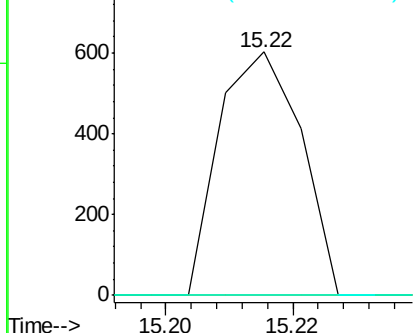
#56
Diethylphthalate
Concen: 0.03 ng/ul
RT: 15.22 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BM005459.D
Acq: 14 May 2016 10:36

Instrument :
BNA_M
ClientSampleId :
H4061MS

Tgt Ion:149 Resp: 535
Ion Ratio Lower Upper
149 100
177 0.0 17.6 26.4#
150 0.0 9.8 14.8#

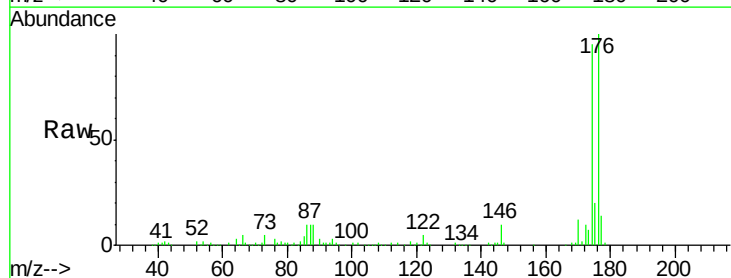


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

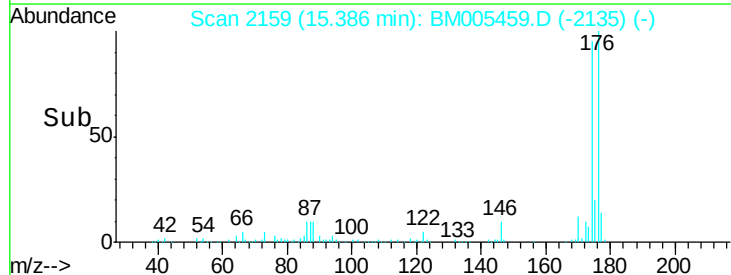
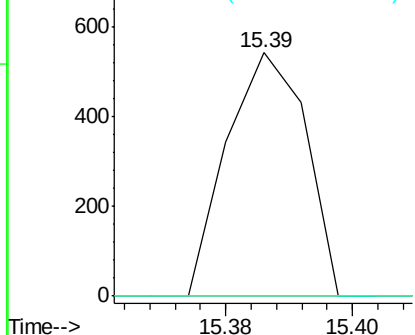


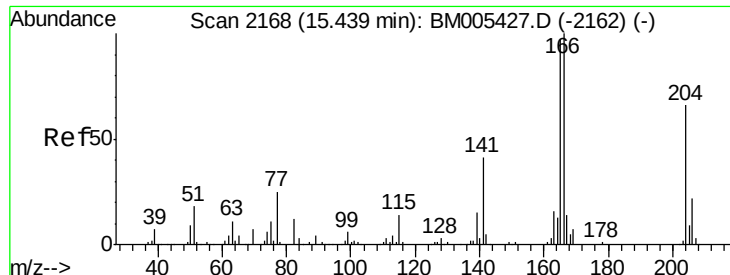
#58
Fluorene
Concen: 0.03 ng/ul
RT: 15.39 min Scan# 2159
Delta R.T. -0.06 min
Lab File: BM005459.D
Acq: 14 May 2016 10:36

Tgt Ion:166 Resp: 466
Ion Ratio Lower Upper
166 100
165 0.0 77.9 116.9#
167 0.0 10.6 16.0#



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

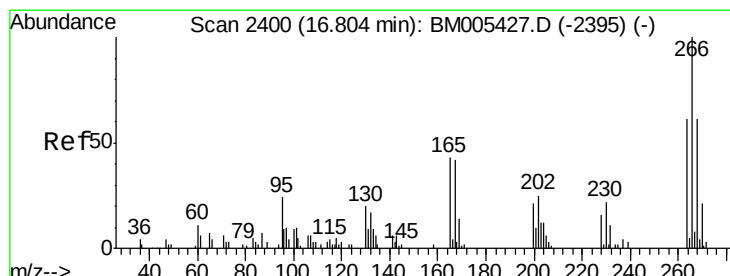
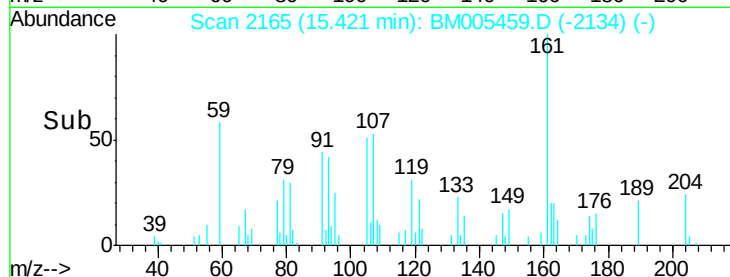
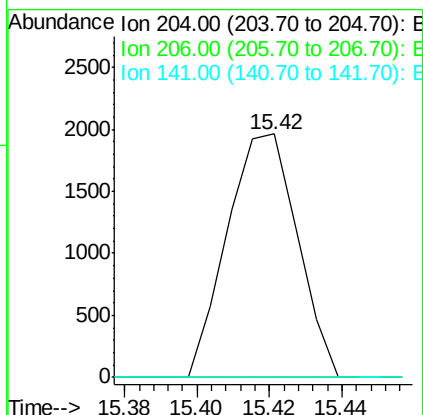
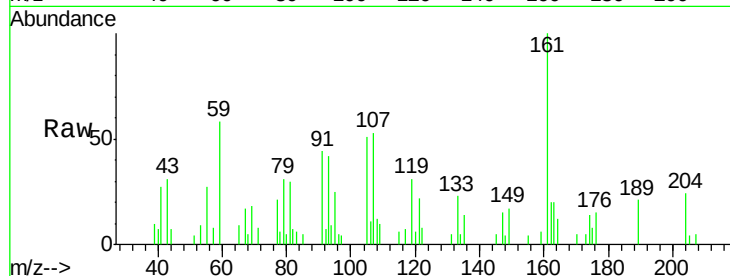




#59
4-Chlorophenyl-phenylether
Concen: 0.38 ng/ul
RT: 15.42 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BM005459.D
Acq: 14 May 2016 10:36

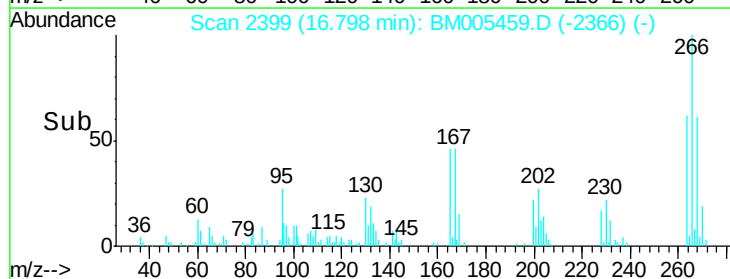
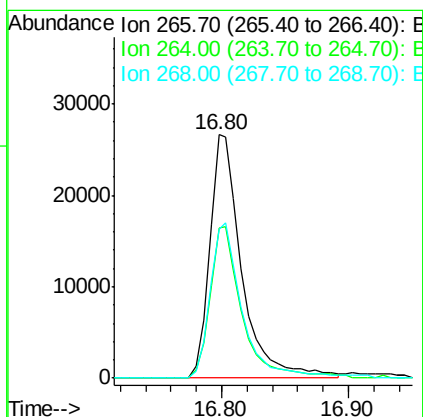
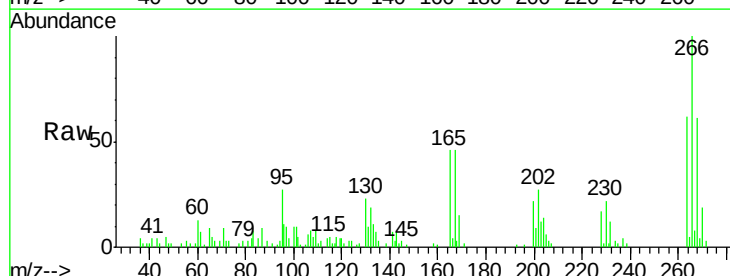
Instrument :
BNA_M
ClientSampled :
H4061MS

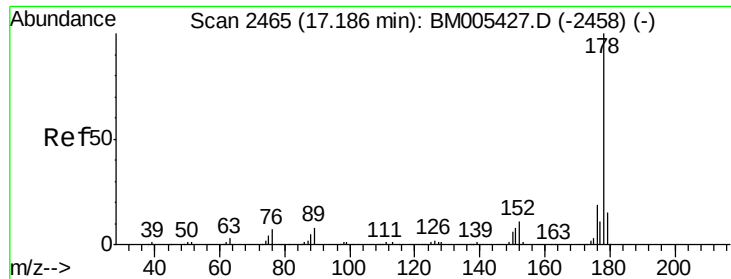
Tgt Ion:204 Resp: 2641
Ion Ratio Lower Upper
204 100
206 0.0 25.8 38.6#
141 0.0 48.9 73.3#



#68
Pentachlorophenol
Concen: 17.69 ng/ul
RT: 16.80 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM005459.D
Acq: 14 May 2016 10:36

Tgt Ion:266 Resp: 46960
Ion Ratio Lower Upper
266 100
264 61.7 52.0 78.0
268 61.4 53.0 79.6





#69

Phenanthrene

Concen: 0.14 ng/ul

RT: 17.19 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

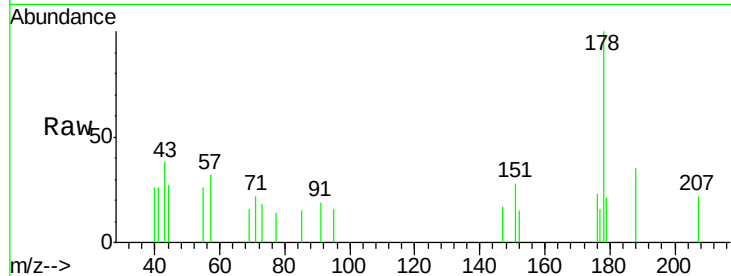
Tgt Ion:178 Resp: 3313

Ion Ratio Lower Upper

178 100

179 21.3 12.3 18.5#

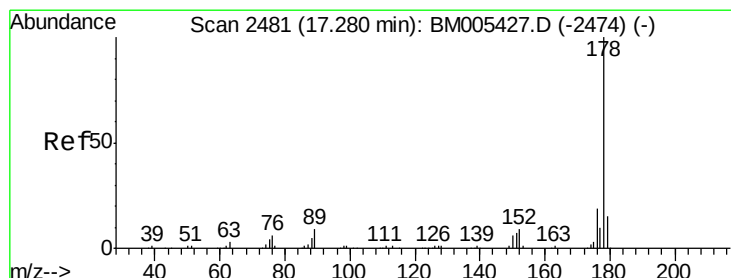
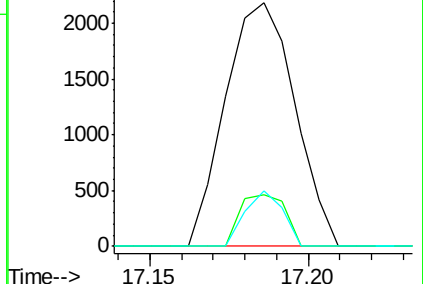
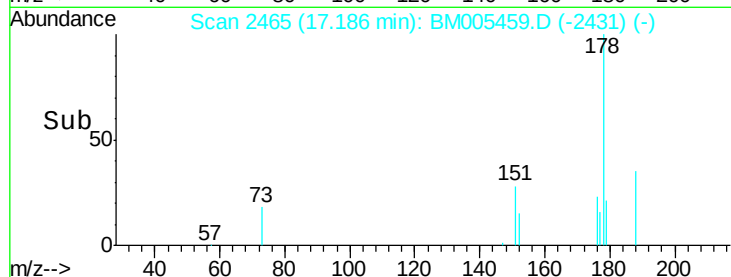
176 23.0 15.2 22.8#



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: 0.02 ng/ul

RT: 17.27 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

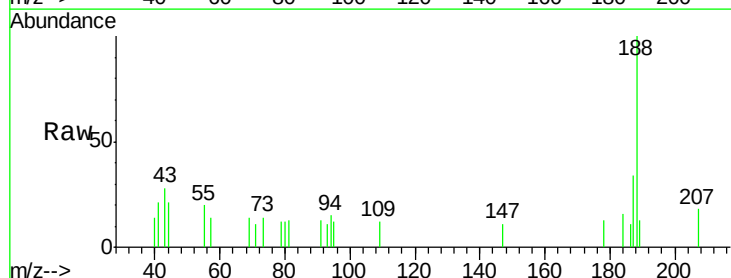
Tgt Ion:178 Resp: 355

Ion Ratio Lower Upper

178 100

179 0.0 12.4 18.6#

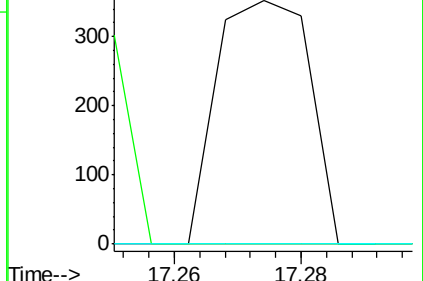
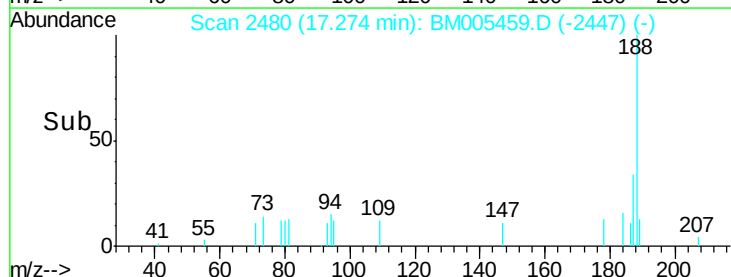
176 0.0 15.1 22.7#

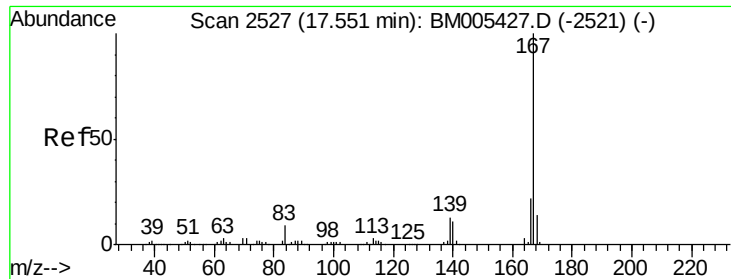


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.02 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. 0.02 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

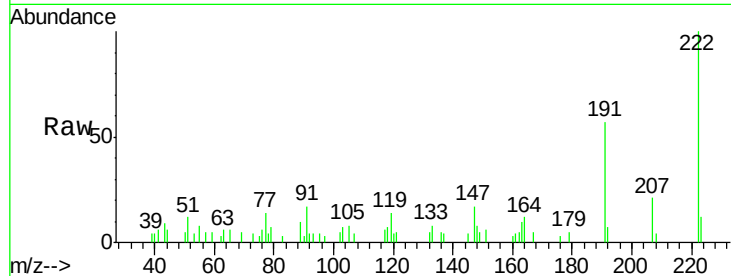
Tgt Ion:167 Resp: 436

Ion Ratio Lower Upper

167 100

166 0.0 17.1 25.7#

139 0.0 10.2 15.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.57

400

300

200

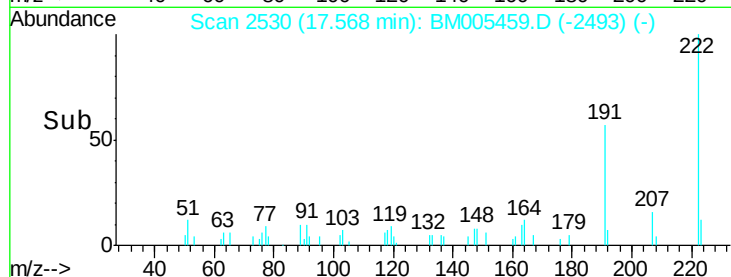
100

0

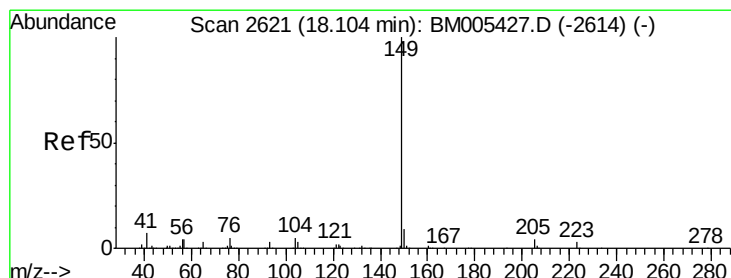
17.54

17.56

17.58



Time-->



#73

Di-n-butylphthalate

Concen: 0.10 ng/ul

RT: 18.10 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

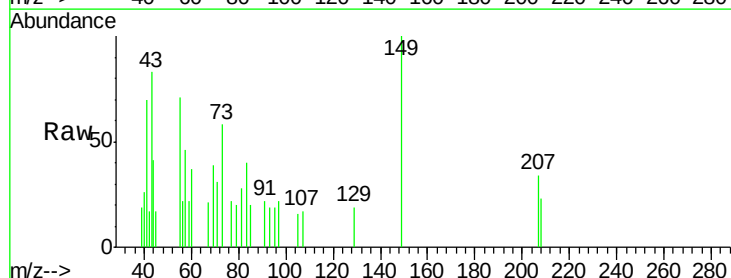
Tgt Ion:149 Resp: 2443

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

104 0.0 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.10

2500

2000

1500

1000

500

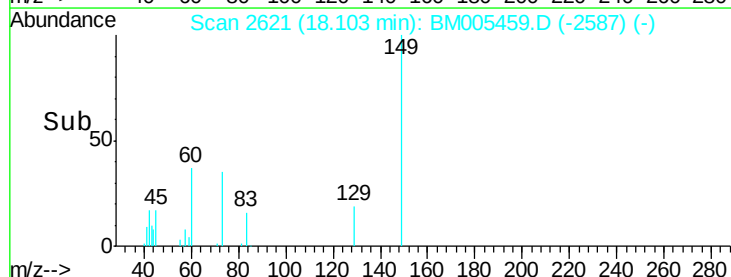
0

18.06

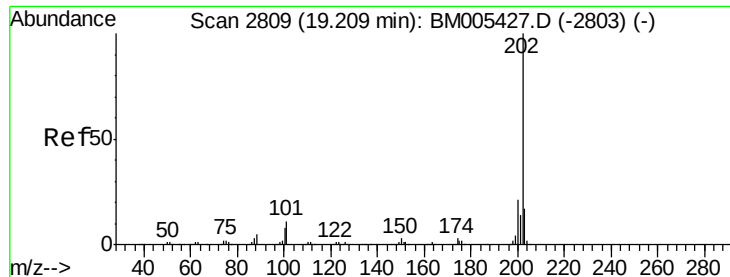
18.08

18.10

18.12



Time-->



#74

Fluoranthene

Concen: 0.28 ng/ul

RT: 19.21 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

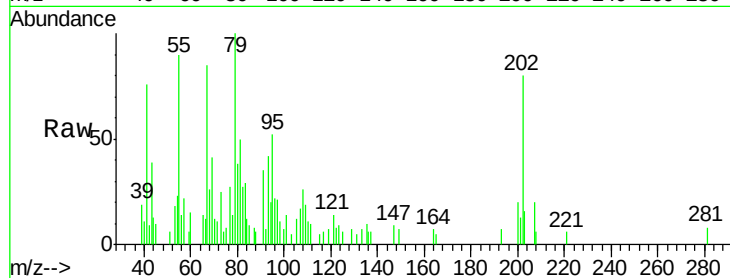
Tgt Ion:202 Resp: 7125

Ion Ratio Lower Upper

202 100

101 16.9 9.2 13.8#

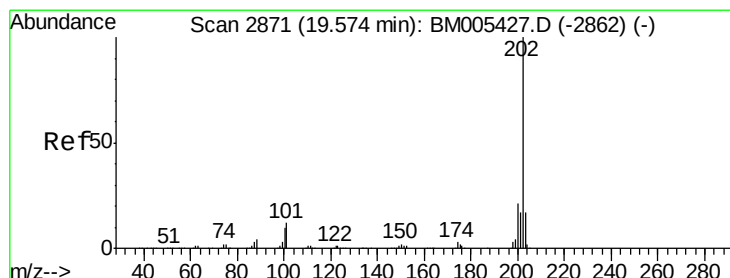
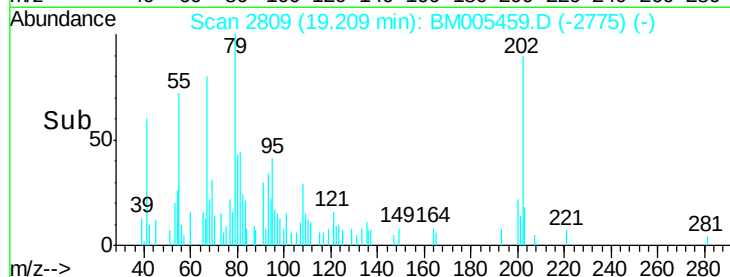
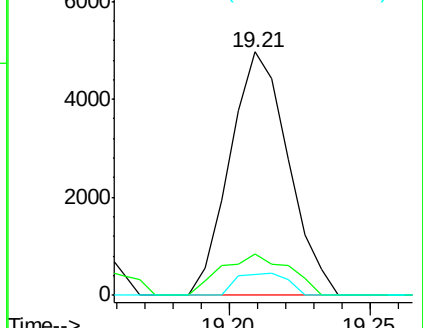
100 8.7 7.1 10.7



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: 21.82 ng/ul

RT: 19.57 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

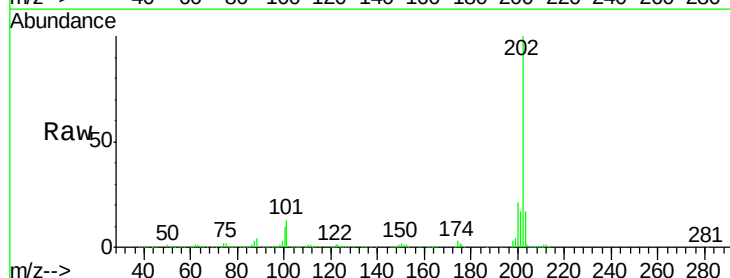
Tgt Ion:202 Resp: 655834

Ion Ratio Lower Upper

202 100

101 12.7 10.8 16.2

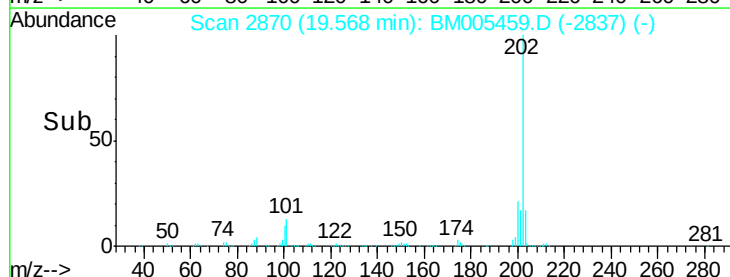
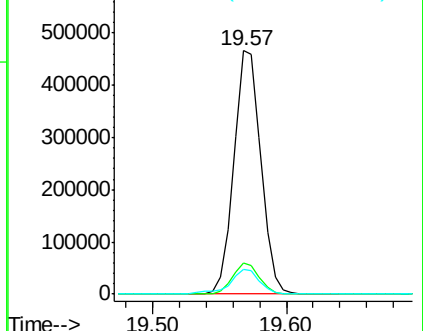
100 10.3 8.4 12.6

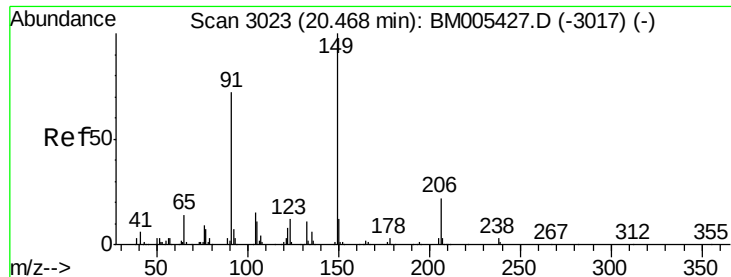


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 0.12 ng/ul

RT: 20.46 min Scan# 3022

Delta R.T. -0.01 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

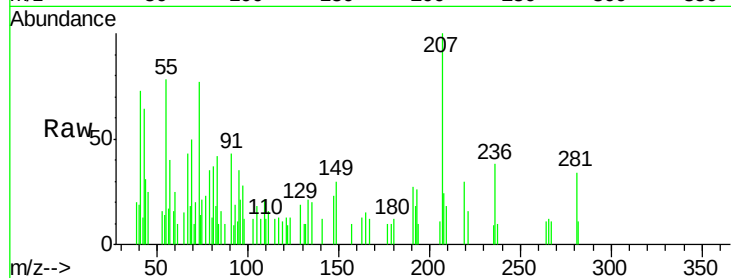
Tgt Ion:149 Resp: 1475

Ion Ratio Lower Upper

149 100

91 145.0 58.4 87.6#

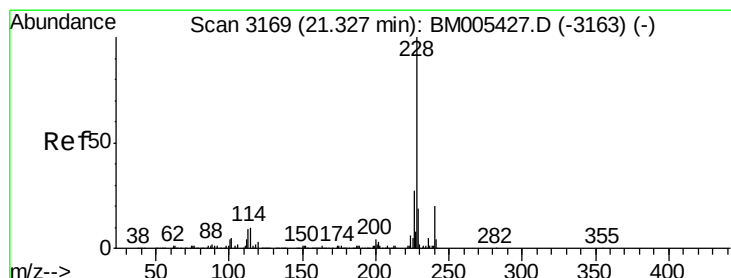
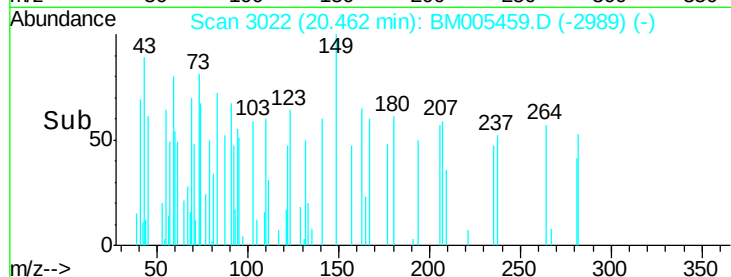
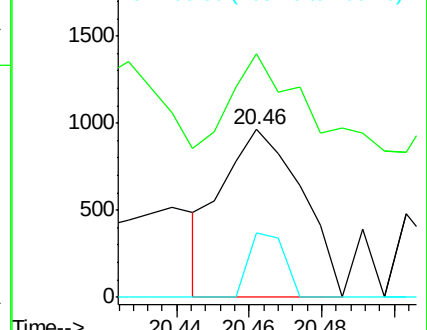
206 38.7 17.3 25.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.23 ng/ul

RT: 21.33 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

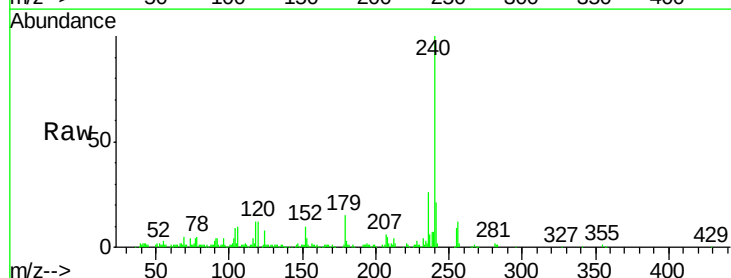
Tgt Ion:228 Resp: 6742

Ion Ratio Lower Upper

228 100

229 22.5 15.5 23.3

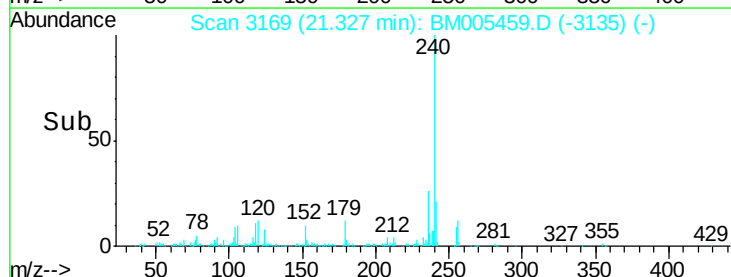
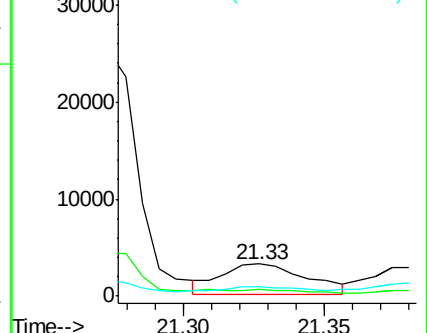
226 30.7 21.8 32.8

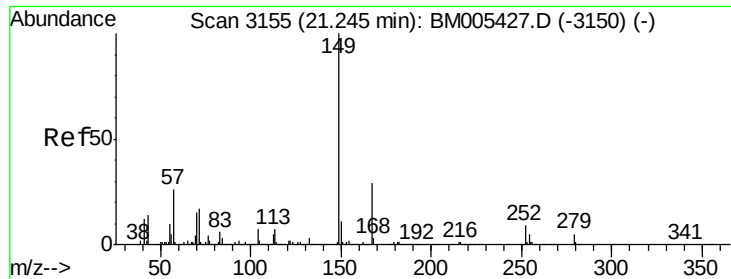


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

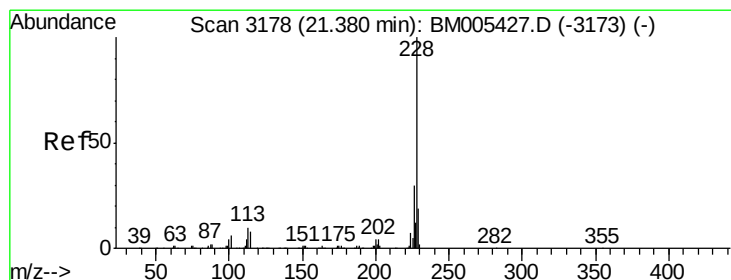
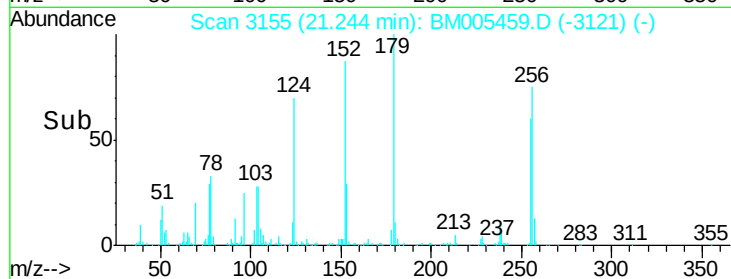
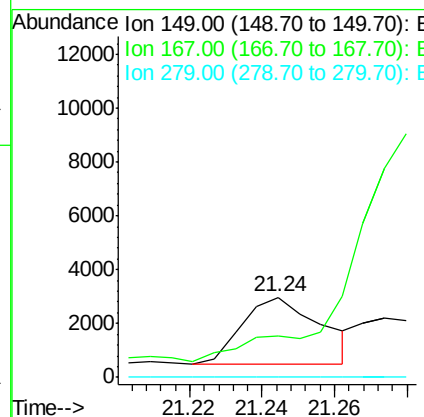
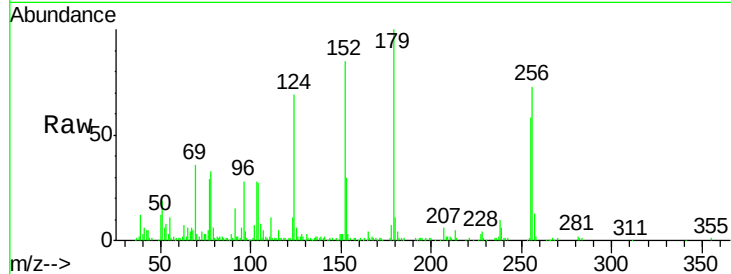




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.21 ng/ul
 RT: 21.24 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BM005459.D
 Acq: 14 May 2016 10:36

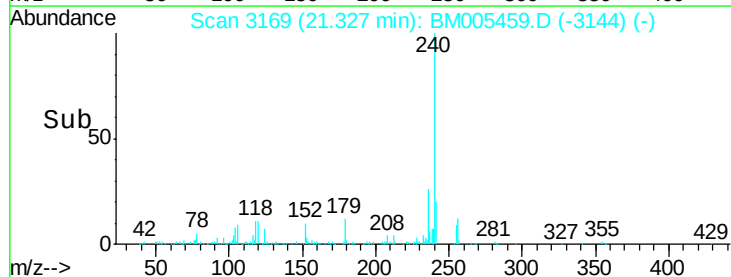
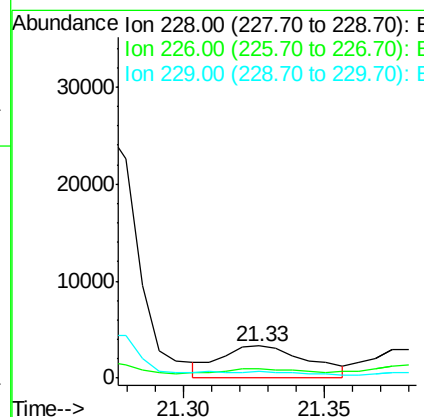
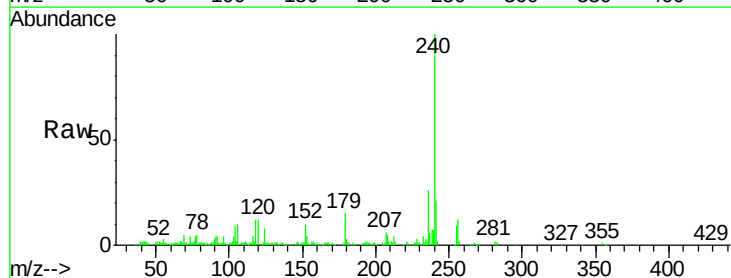
Instrument :
 BNA_M
 ClientSampleId :
 H4061MS

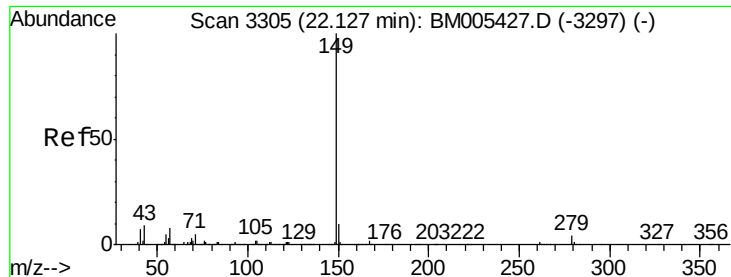
Tgt Ion:149 Resp: 3727
 Ion Ratio Lower Upper
 149 100
 167 51.0 21.9 32.9#
 279 0.0 3.0 4.4#



#82
 Chrysene
 Concen: 0.26 ng/ul
 RT: 21.33 min Scan# 3169
 Delta R.T. -0.05 min
 Lab File: BM005459.D
 Acq: 14 May 2016 10:36

Tgt Ion:228 Resp: 7217
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.6 35.4
 229 22.5 15.4 23.0

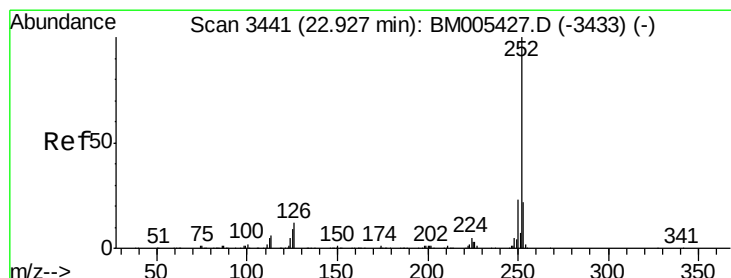
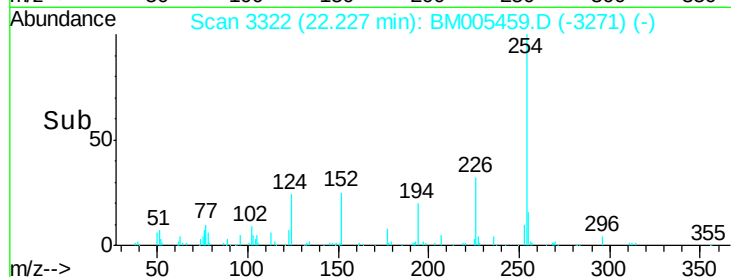
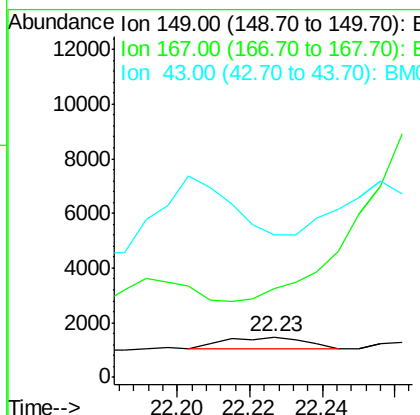
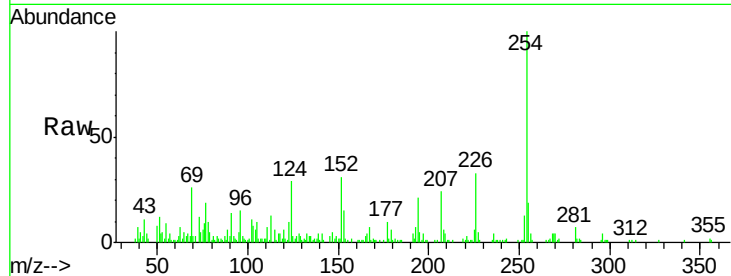




#84
Di-n-octyl phthalate
Concen: 0.03 ng/ul
RT: 22.23 min Scan# 3322
Delta R.T. 0.10 min
Lab File: BM005459.D
Acq: 14 May 2016 10:36

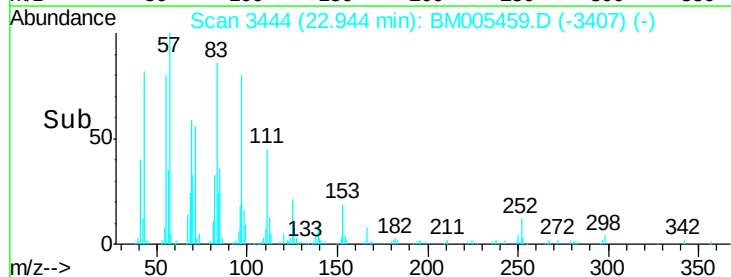
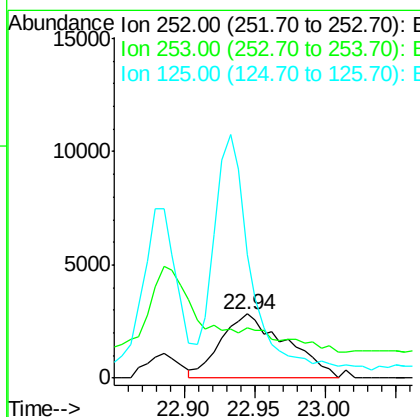
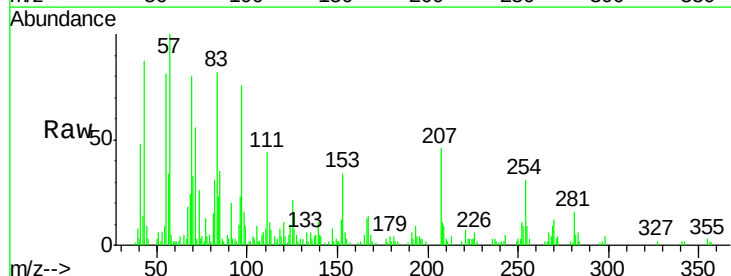
Instrument :
BNA_M
ClientSampleId :
H4061MS

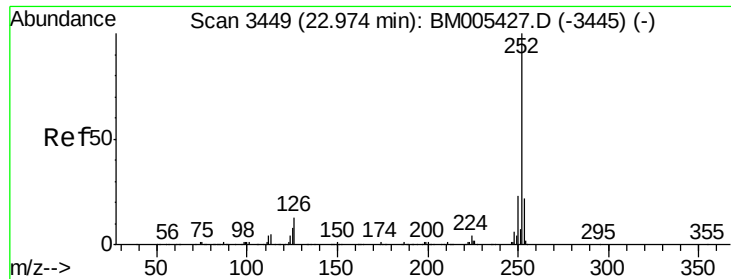
Tgt Ion:149 Resp: 665
Ion Ratio Lower Upper
149 100
167 219.0 1.3 1.9#
43 354.3 7.4 11.0#



#85
Benzo(b)fluoranthene
Concen: 0.36 ng/ul
RT: 22.94 min Scan# 3444
Delta R.T. 0.02 min
Lab File: BM005459.D
Acq: 14 May 2016 10:36

Tgt Ion:252 Resp: 9192
Ion Ratio Lower Upper
252 100
253 78.6 17.4 26.2#
125 192.0 8.4 12.6#





#86

Benzo(k)fluoranthene

Concen: 0.38 ng/ul

RT: 22.94 min Scan# 3444

Delta R.T. -0.03 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

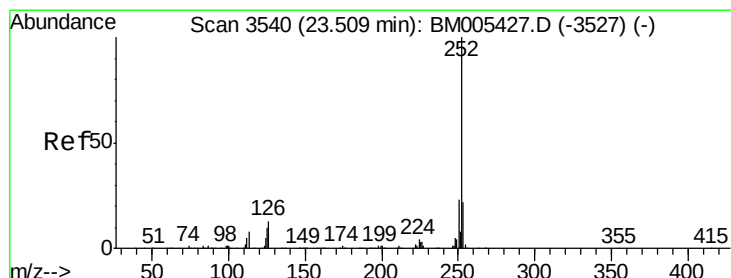
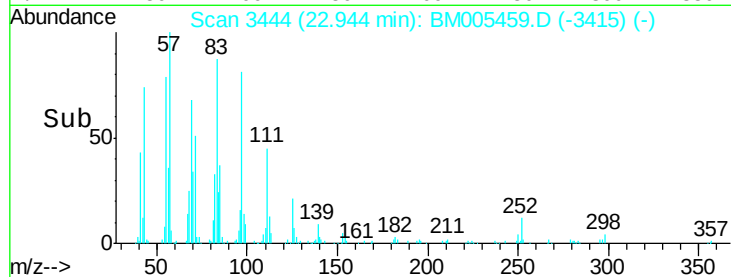
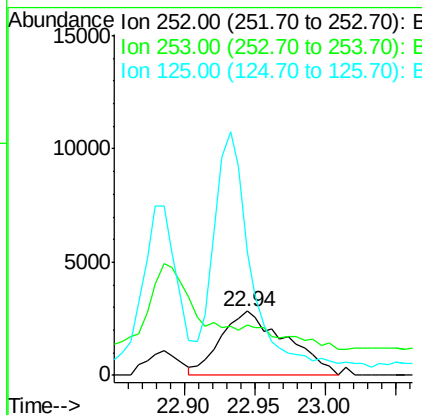
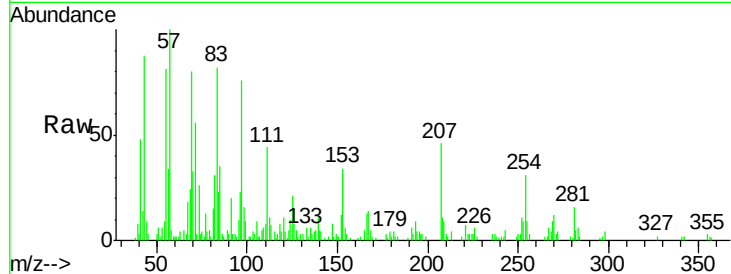
Instrument :

BNA_M

ClientSampleId :

H4061MS

Tgt Ion:	252	Resp:	9192
Ion Ratio	Lower	Upper	
252	100		
253	78.6	17.3	25.9#
125	192.0	8.0	12.0#



#88

Benzo(a)pyrene

Concen: 0.14 ng/ul

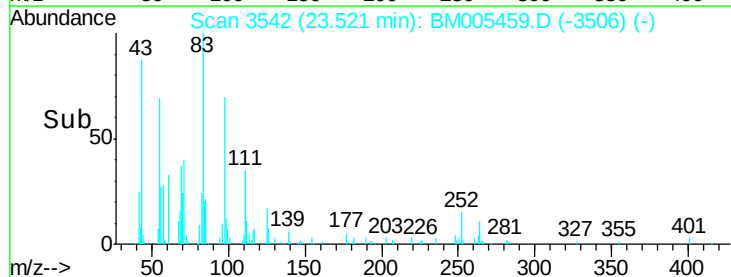
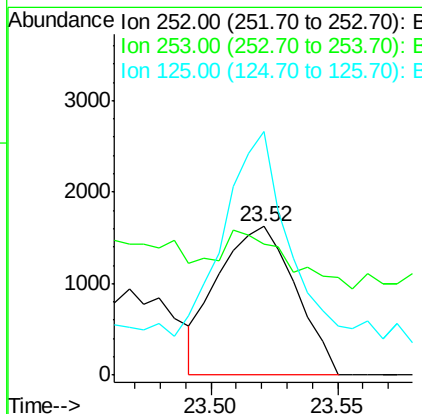
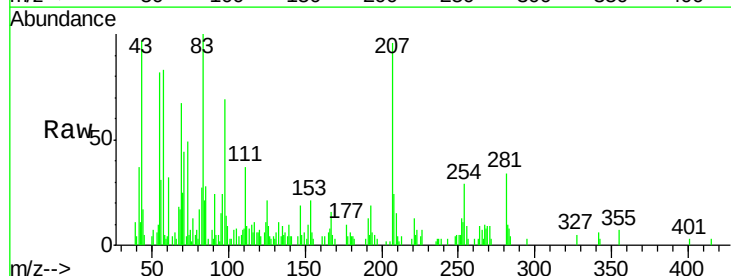
RT: 23.52 min Scan# 3542

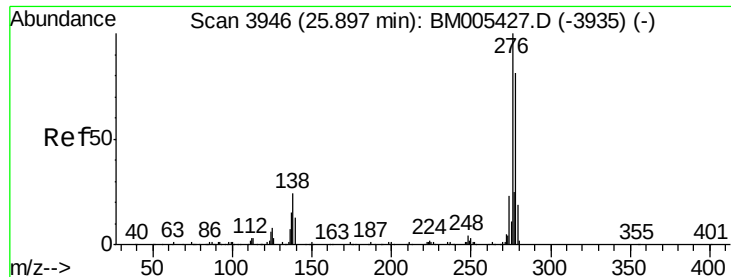
Delta R.T. 0.01 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Tgt Ion:	252	Resp:	3464
Ion Ratio	Lower	Upper	
252	100		
253	88.1	17.5	26.3#
125	164.1	8.7	13.1#





#89

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng/ul

RT: 25.93 min Scan# 3952

Delta R.T. 0.04 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

Instrument :

BNA_M

ClientSampleId :

H4061MS

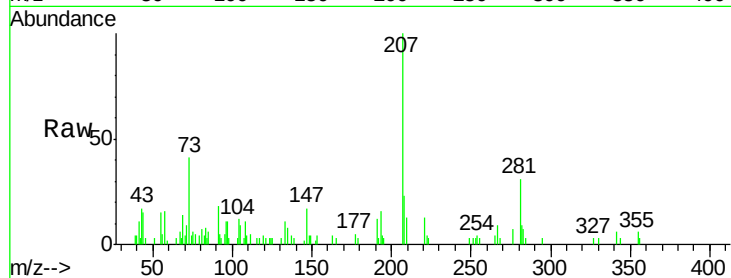
Tgt Ion:276 Resp: 1852

Ion Ratio Lower Upper

276 100

138 0.0 21.0 31.6#

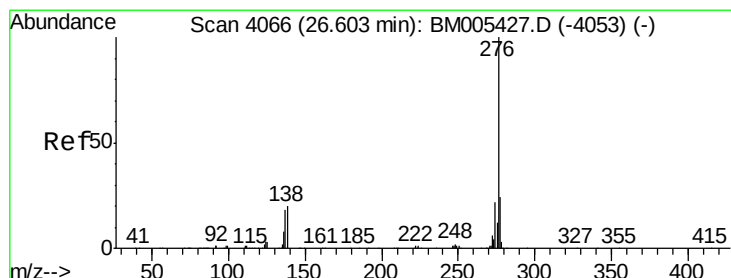
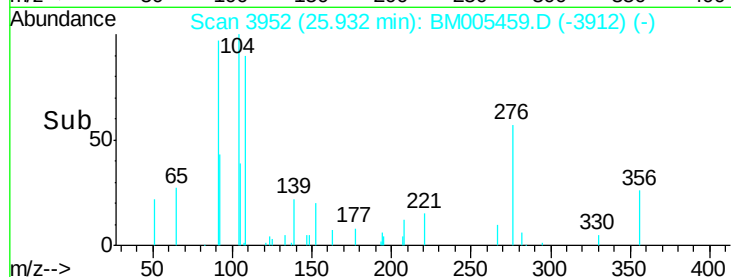
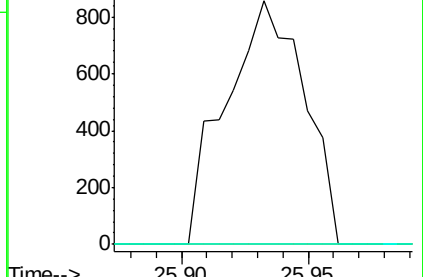
277 0.0 19.9 29.9#



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



#91

Benzo(g,h,i)perylene

Concen: 0.07 ng/ul

RT: 26.64 min Scan# 4072

Delta R.T. 0.04 min

Lab File: BM005459.D

Acq: 14 May 2016 10:36

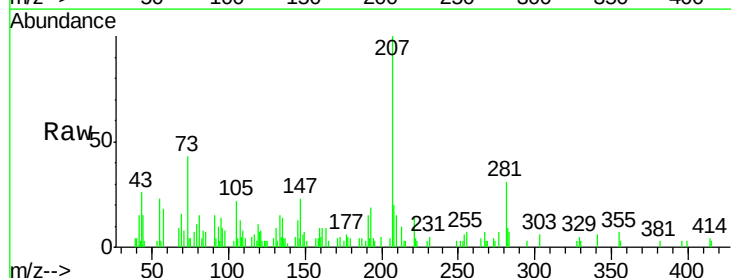
Tgt Ion:276 Resp: 1542

Ion Ratio Lower Upper

276 100

138 35.5 18.2 27.4#

277 0.0 19.4 29.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

