

Data File : BM009822.D
Acq On : 30 Apr 2017 21:19
Operator : SJ/MA
Sample : I2849-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW5

Quant Time: May 01 02:29:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 02:28:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	199149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	851711	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	525841	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.22	188	1110203	20.00	ng/ul	0.01
75) Chrysene-d12	21.41	240	1394406	20.00	ng/ul	0.02
83) Perylene-d12	23.74	264	1254600	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	13154	3.04	ng/uL	0.00
5) Phenol-d5	6.98	99	344255	15.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	282886	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	260586	18.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	259893	15.41	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	142412	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	149424	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	283058	19.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	200841	11.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	918130	20.07	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1164028	21.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	168697	19.11	ng/ul	0.01
57) Fluorene-d10	15.46	176	844818	20.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	52201	6.66	ng/ul	0.00
70) Anthracene-d10	17.32	188	1249970	21.93	ng/ul	0.00
76) Pyrene-d10	19.62	212	1321652	21.48	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.60	264	1367312	22.41	ng/ul	0.05

Target Compounds

						Qvalue
6) Phenol	7.01	94	27077	1.21	ng/ul#	69
17) Hexachloroethane	8.90	117	60702	9.28	ng/ul#	11
21) Isophorone	9.52	82	342867	8.60	ng/ul#	1
24) 2,4-Dimethylphenol	9.80	107	106718	5.40	ng/ul#	50
28) Naphthalene	10.66	128	241369	5.32	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.89	107	22658	1.26	ng/ul#	32
34) 2-Methylnaphthalene	12.27	142	119783	3.43	ng/ul	87
44) Dimethylphthalate	13.92	163	185451	4.10	ng/ul#	87
45) 2,6-Dinitrotoluene	14.06	165	20628	2.27	ng/ul#	1
49) Acenaphthene	14.53	153	39099	1.06	ng/ul#	73
54) 2,4-Dinitrotoluene	14.86	165	15300	1.12	ng/ul#	47
64) N-Nitrosodiphenylamine	15.72	169	74625	2.19	ng/ul#	55
69) Phenanthrene	17.26	178	221754	3.47	ng/ul#	74
73) Di-n-butylphthalate	18.17	149	79319	1.08	ng/ul#	66
74) Fluoranthene	19.28	202	880839	10.95	ng/ul#	89
77) Pyrene	19.65	202	1903761	24.17	ng/ul#	91
78) Butylbenzylphthalate	20.53	149	73375	2.25	ng/ul#	76
80) Benzo(a)anthracene	21.39	228	483964	5.85	ng/ul#	81
81) Bis(2-ethylhexyl)phthalate	21.30	149	5377777	108.69	ng/ul	93
82) Chrysene	21.44	228	648178	8.71	ng/ul#	81
84) Di-n-octyl phthalate	22.20	149	4499808	49.09	ng/ul#	12
85) Benzo(b)fluoranthene	23.04	252	1016991	12.48	ng/ul#	43
86) Benzo(k)fluoranthene	23.04	252	1016991	13.63	ng/ul#	43

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043017\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	23.64	252	802131	10.58	ng/ul#	55
89) Indeno(1,2,3-cd)pyrene	26.11	276	463506	5.65	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.11	278	101400	1.45	ng/ul#	1
91) Benzo(g,h,i)perylene	26.85	276	363855	5.52	ng/ul#	69

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

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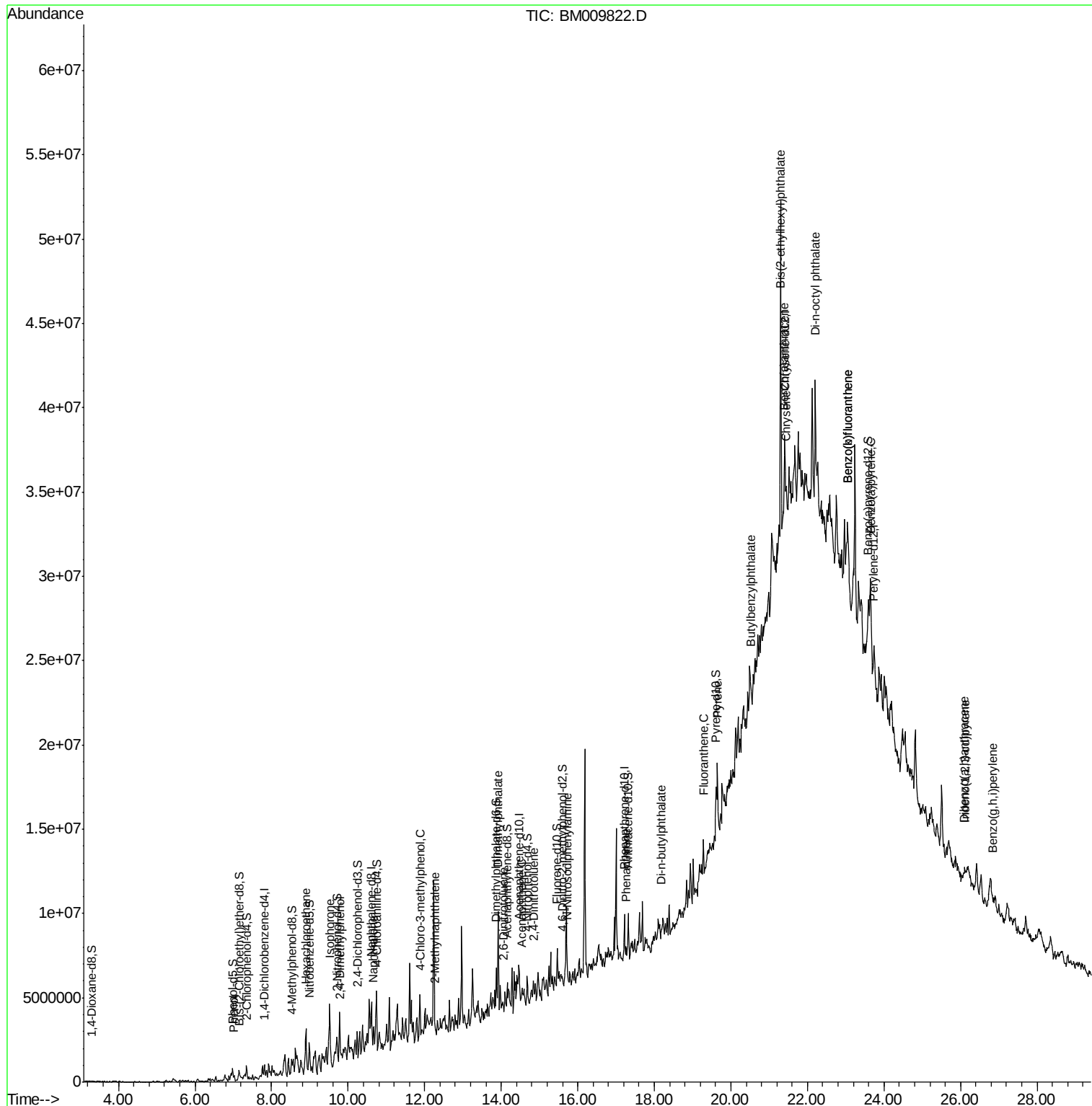
Quant Time: May 01 02:29:53 2017

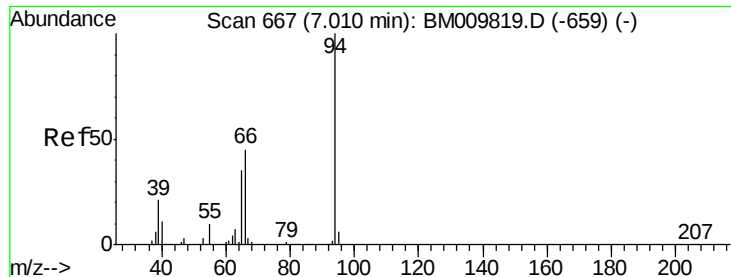
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 01 02:28:42 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.21 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampleId :

JHSW5

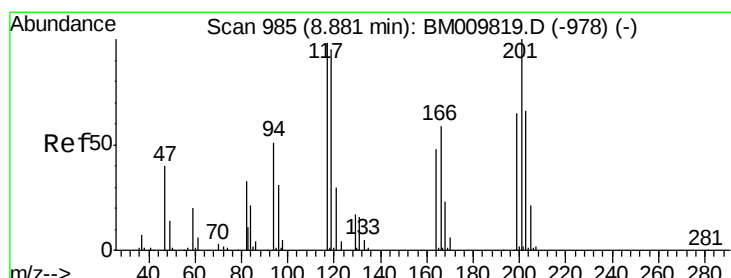
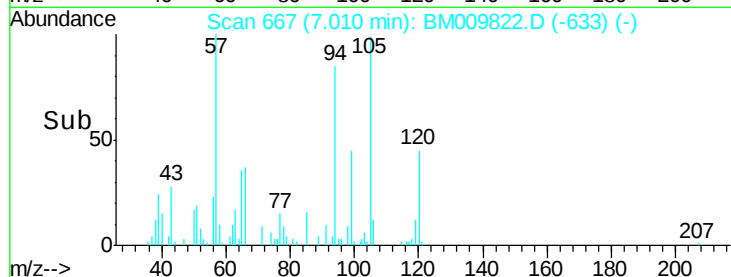
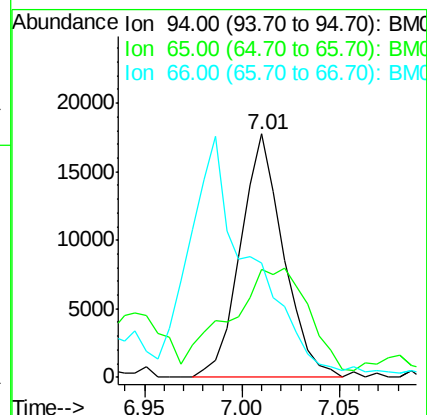
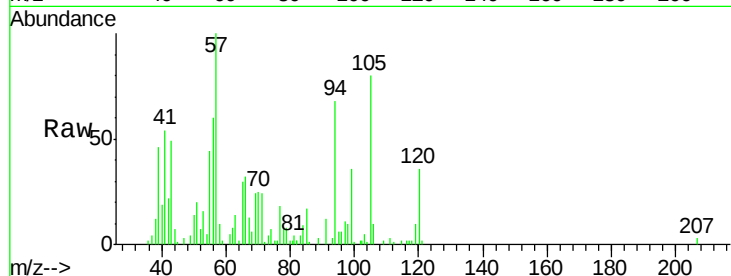
Tgt Ion: 94 Resp: 27077

Ion Ratio Lower Upper

94 100

65 44.4 39.8 59.6

66 46.9 69.9 104.9#



#17

Hexachloroethane

Concen: 9.28 ng/ul

RT: 8.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

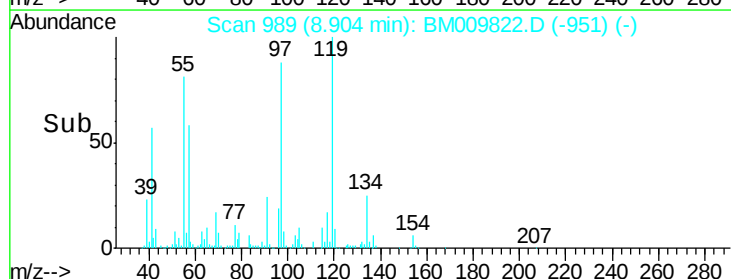
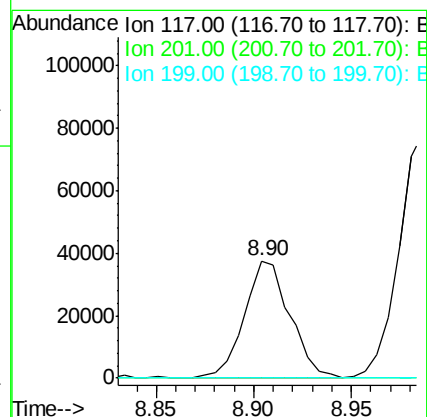
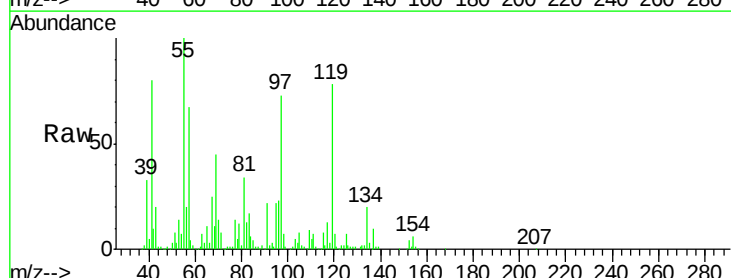
Tgt Ion: 117 Resp: 60702

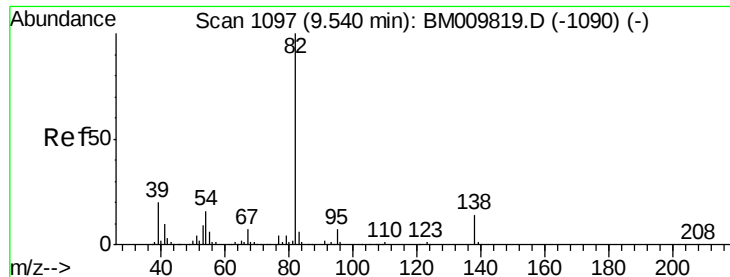
Ion Ratio Lower Upper

117 100

201 0.0 71.0 106.6#

199 0.0 47.8 71.8#





#21

Isophorone

Concen: 8.60 ng/ul

RT: 9.52 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampleId :

JHSW5

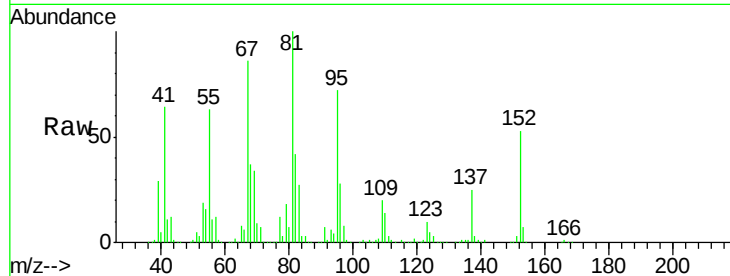
Tgt Ion: 82 Resp: 342867

Ion Ratio Lower Upper

82 100

95 174.1 7.7 11.5#

138 8.1 9.4 14.0#

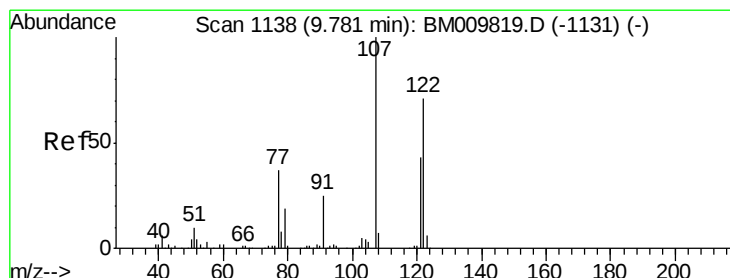
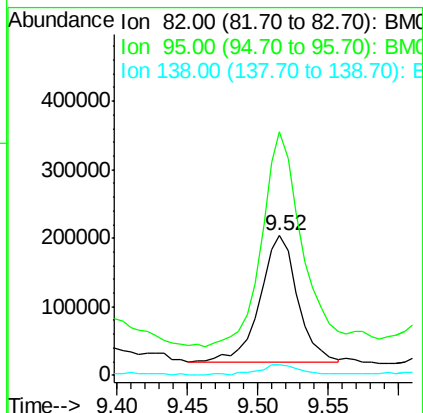
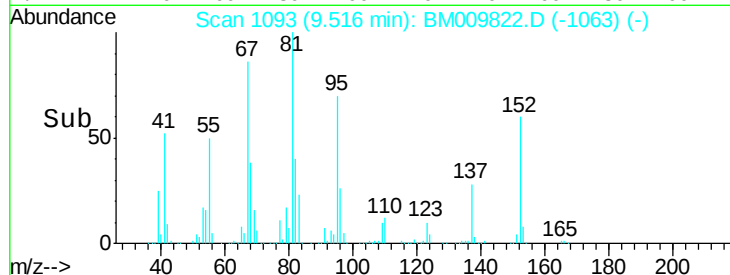


Abundance Ion 82.00 (81.70 to 82.70): BM009819.D (-1090) (-)

Ion 95.00 (94.70 to 95.70): BM009819.D (-1090) (-)

Ion 138.00 (137.70 to 138.70): BM009819.D (-1090) (-)

Time-->



#24

2,4-Dimethylphenol

Concen: 5.40 ng/ul

RT: 9.80 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

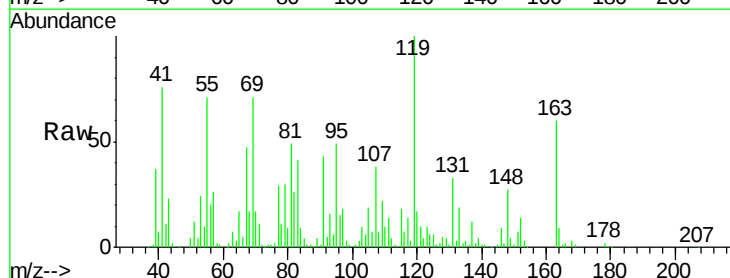
Tgt Ion: 107 Resp: 106718

Ion Ratio Lower Upper

107 100

121 25.6 30.0 45.0#

122 9.6 50.2 75.4#

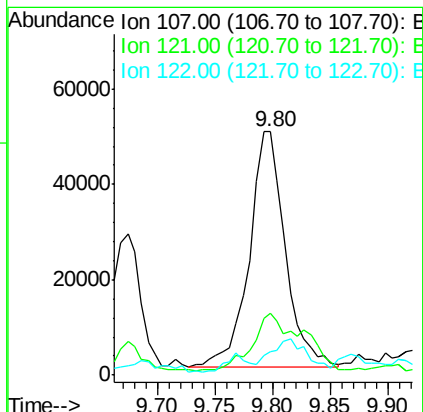
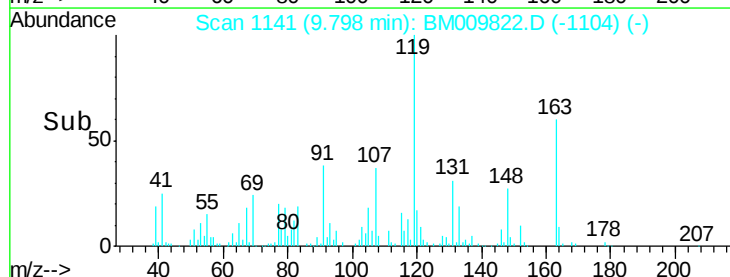


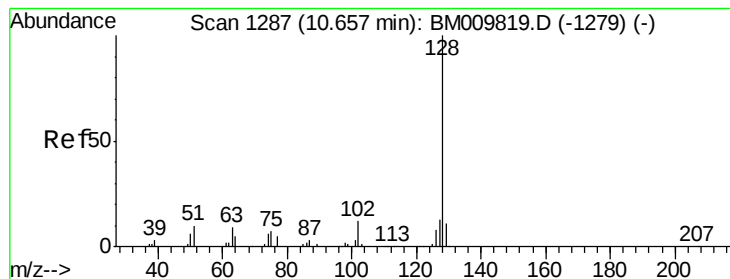
Abundance Ion 107.00 (106.70 to 107.70): BM009819.D (-1131) (-)

Ion 121.00 (120.70 to 121.70): BM009819.D (-1131) (-)

Ion 122.00 (121.70 to 122.70): BM009819.D (-1131) (-)

Time-->





#28

Naphthalene

Concen: 5.32 ng/ul

RT: 10.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampled :

JHSW5

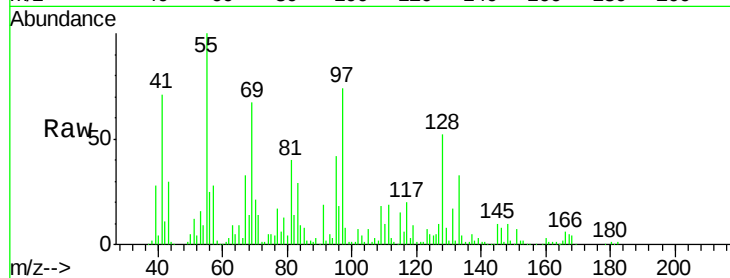
Tgt Ion:128 Resp: 241369

Ion Ratio Lower Upper

128 100

129 16.3 9.7 14.5#

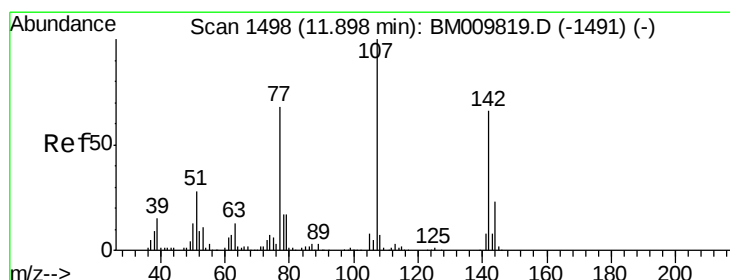
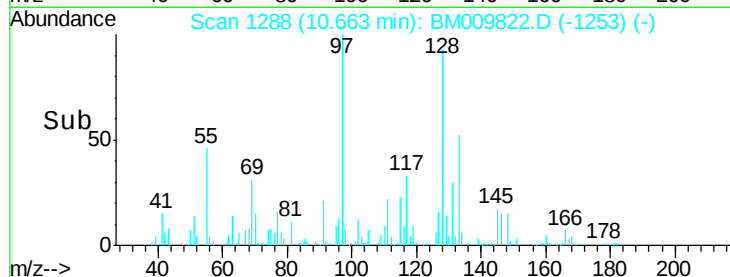
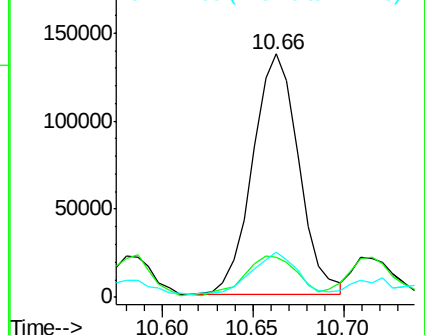
127 18.6 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 1.26 ng/ul

RT: 11.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

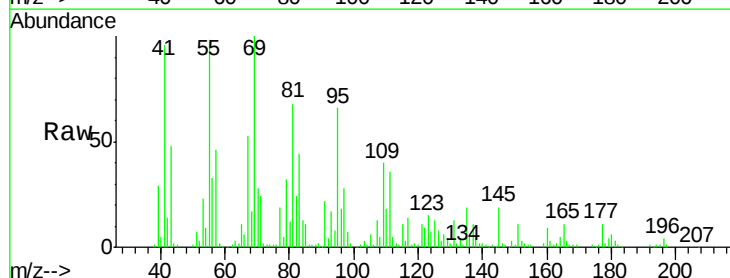
Tgt Ion:107 Resp: 22658

Ion Ratio Lower Upper

107 100

144 3.3 14.4 21.6#

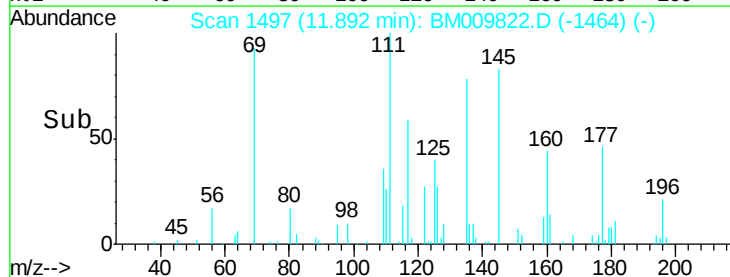
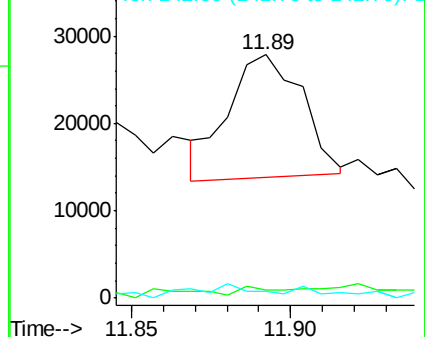
142 2.9 50.7 76.1#

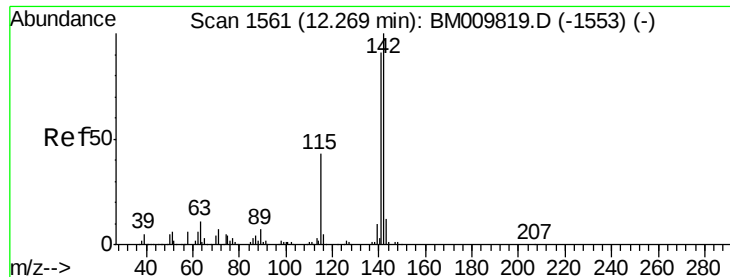


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

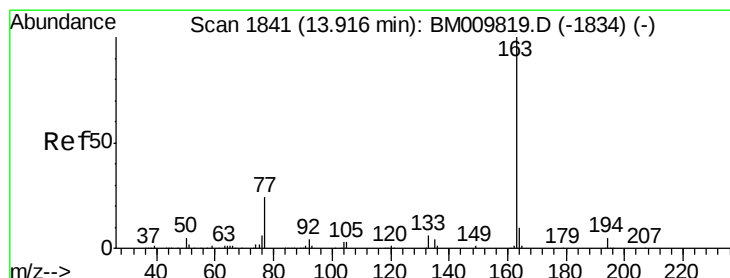
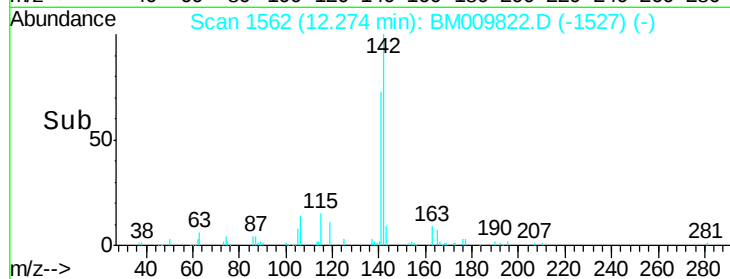
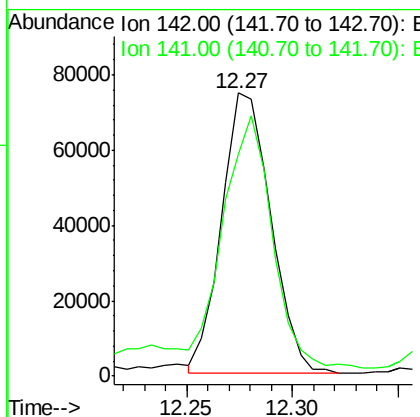
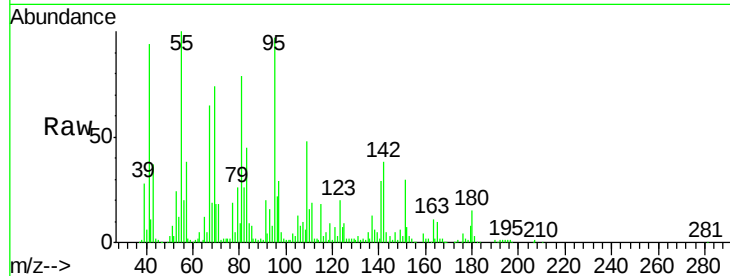




#34
 2-Methylnaphthalene
 Concen: 3.43 ng/ul
 RT: 12.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

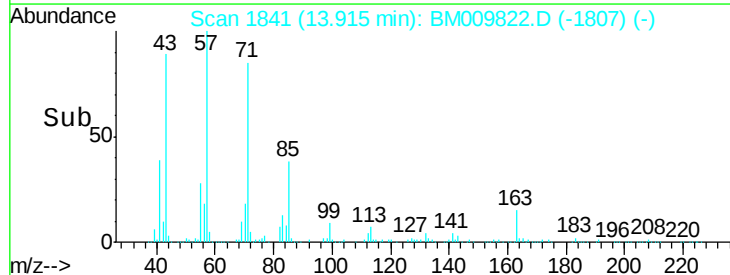
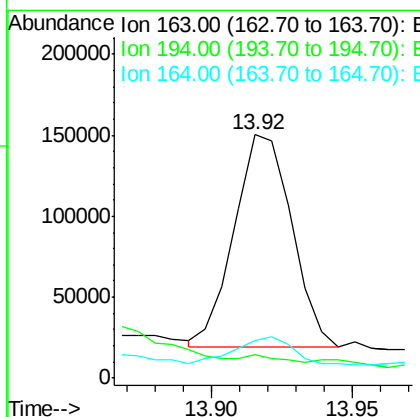
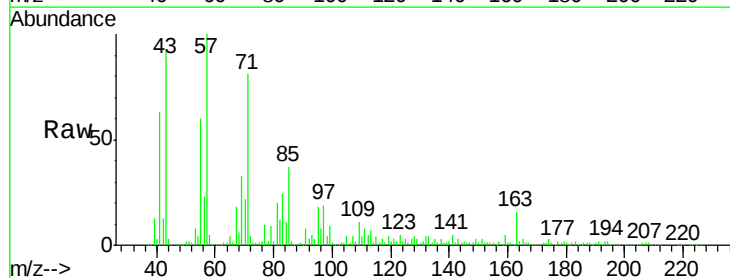
Instrument :
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 ClientSampleId :
 JHSW5

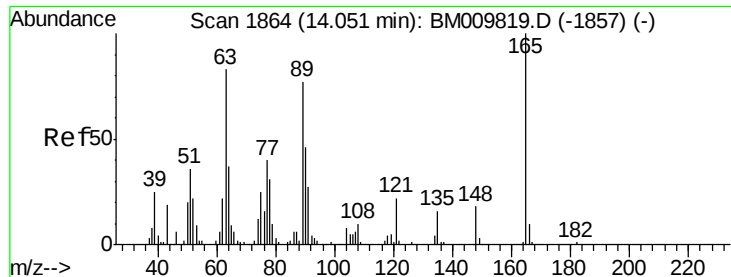
Tgt Ion:142 Resp: 119783
 Ion Ratio Lower Upper
 142 100
 141 78.2 72.6 109.0



#44
 Dimethylphthalate
 Concen: 4.10 ng/ul
 RT: 13.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

Tgt Ion:163 Resp: 185451
 Ion Ratio Lower Upper
 163 100
 194 9.5 3.0 4.6#
 164 15.2 8.6 12.8#

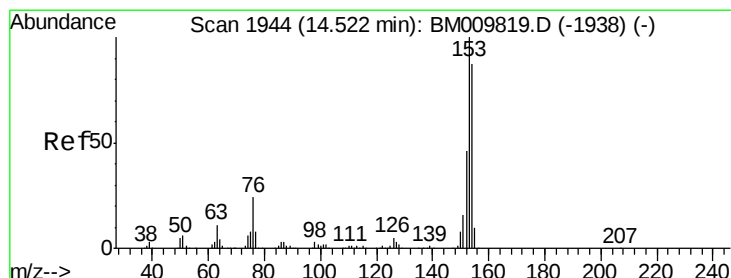
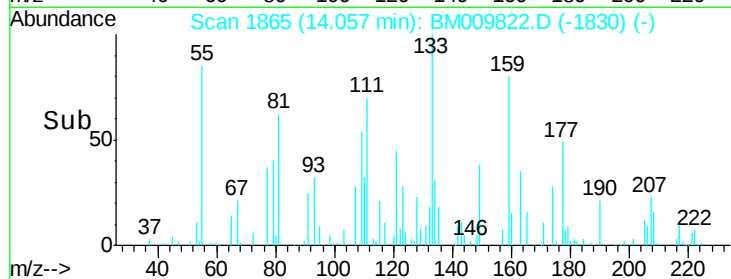
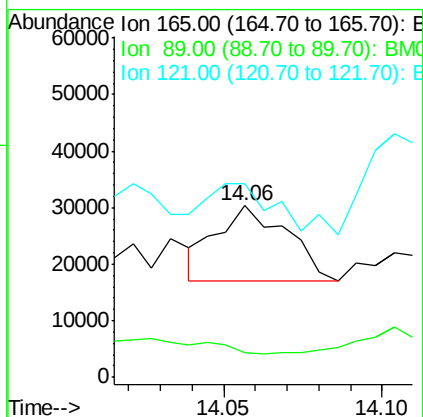
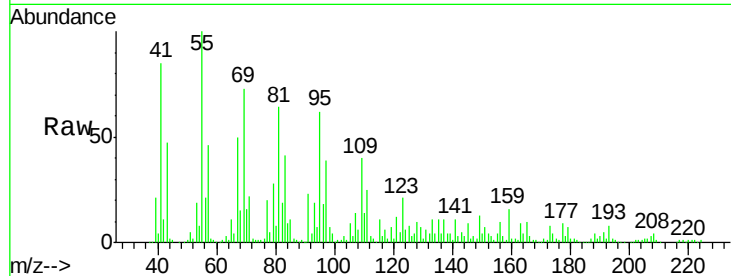




#45
2,6-Dinitrotoluene
Concen: 2.27 ng/ul
RT: 14.06 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BM009822.D
Acq: 30 Apr 2017 21:19

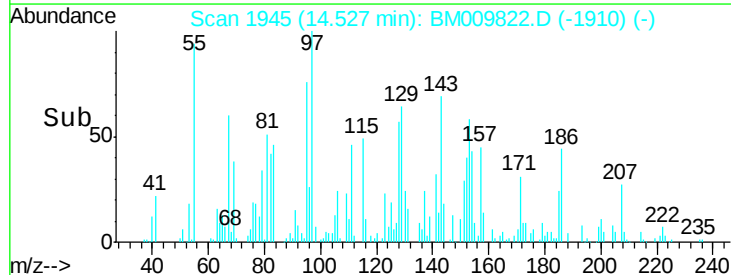
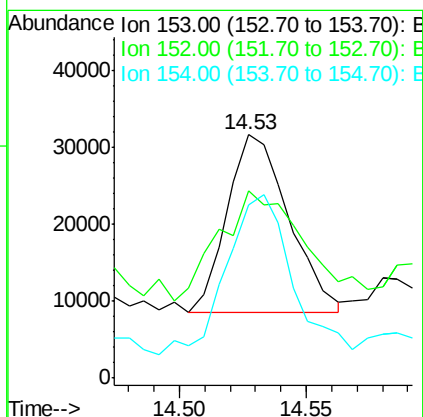
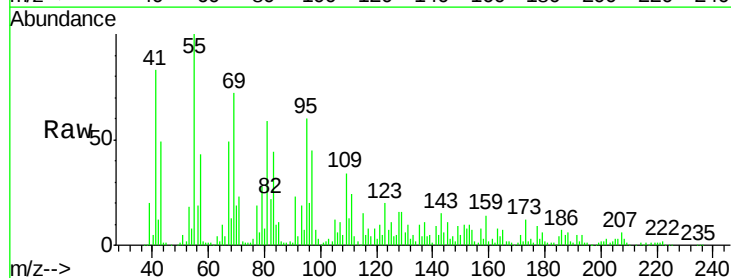
Instrument :
BNA_M
ClientSampled :
JHSW5

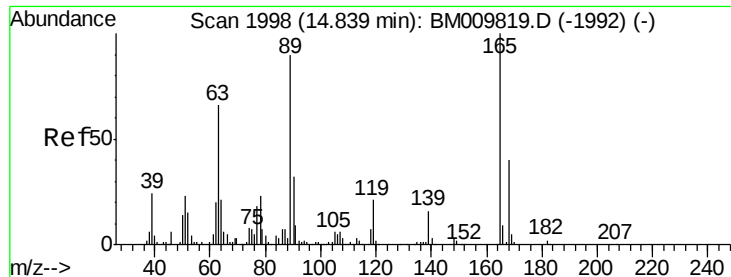
Tgt Ion:165 Resp: 20628
Ion Ratio Lower Upper
165 100
89 14.3 89.4 134.0#
121 113.3 21.6 32.4#



#49
Acenaphthene
Concen: 1.06 ng/ul
RT: 14.53 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM009822.D
Acq: 30 Apr 2017 21:19

Tgt Ion:153 Resp: 39099
Ion Ratio Lower Upper
153 100
152 76.9 36.7 55.1#
154 71.1 68.3 102.5

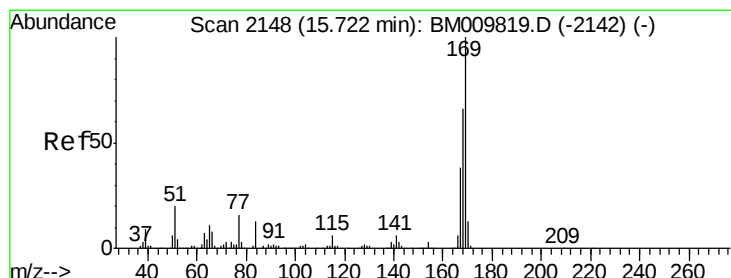
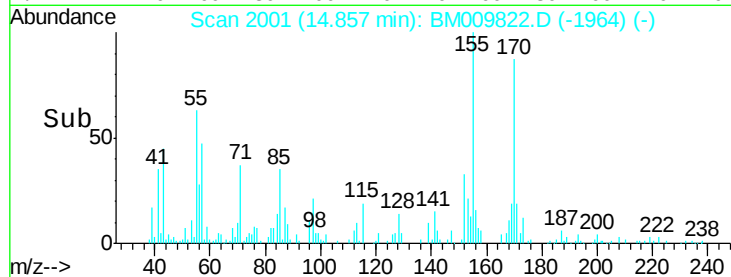
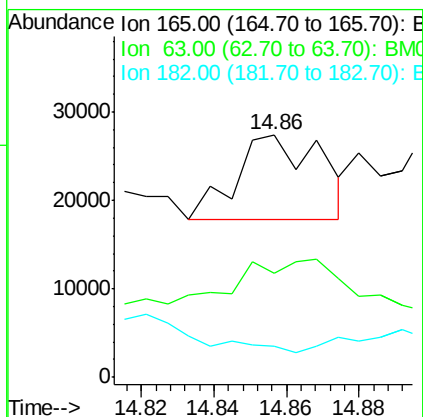
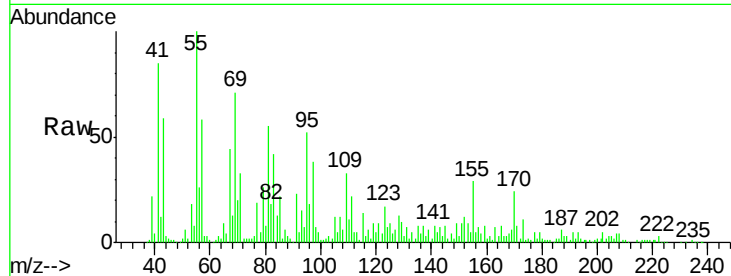




#54
 2,4-Dinitrotoluene
 Concen: 1.12 ng/ul
 RT: 14.86 min Scan# 2001
 Delta R.T. 0.02 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

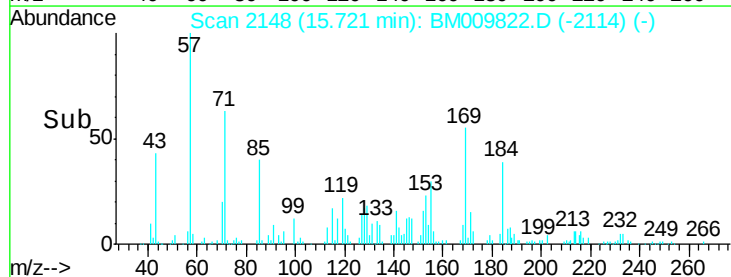
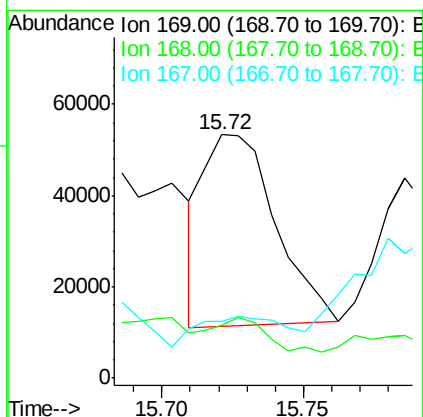
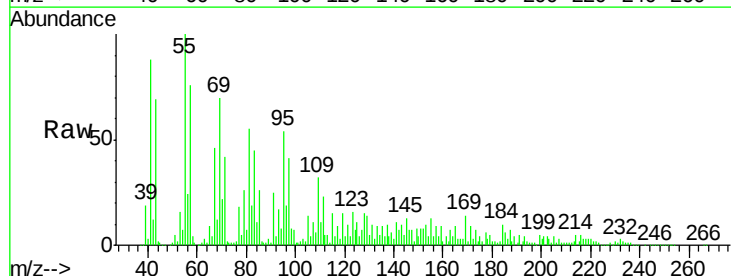
Instrument :
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 ClientSampleId :
 JHSW5

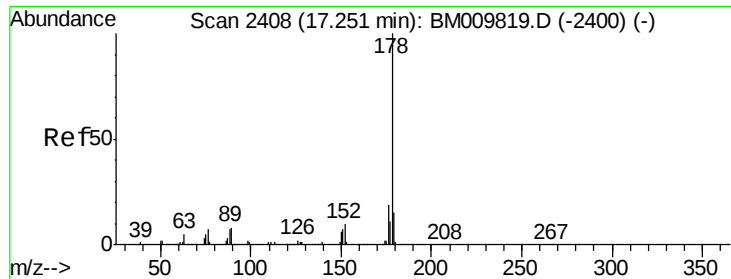
Tgt Ion:165 Resp: 15300
 Ion Ratio Lower Upper
 165 100
 63 43.1 75.7 113.5#
 182 13.1 1.7 2.5#



#64
 N-Nitrosodiphenylamine
 Concen: 2.19 ng/ul
 RT: 15.72 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

Tgt Ion:169 Resp: 74625
 Ion Ratio Lower Upper
 169 100
 168 21.7 53.4 80.2#
 167 23.5 30.2 45.2#





#69

Phenanthrene

Concen: 3.47 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampleId :

JHSW5

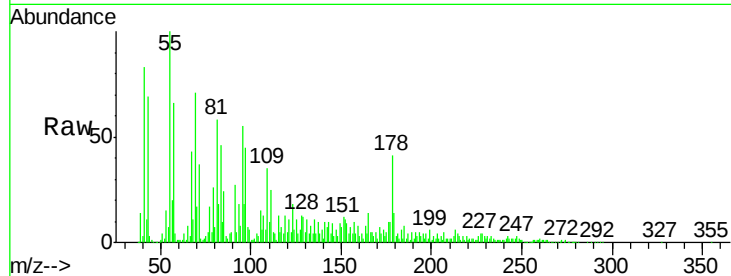
Tgt Ion:178 Resp: 221754

Ion Ratio Lower Upper

178 100

179 34.2 12.6 19.0#

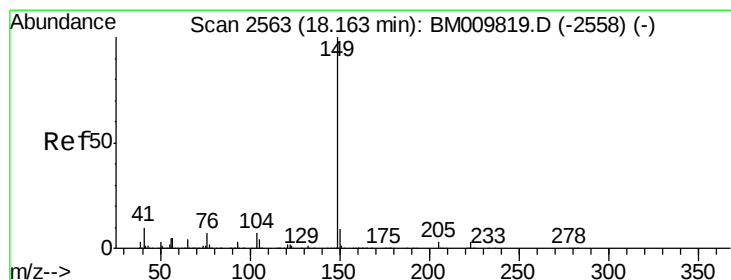
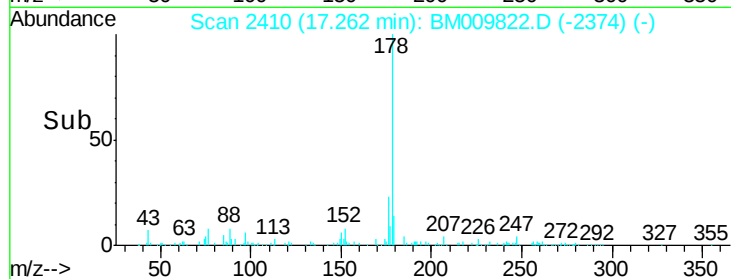
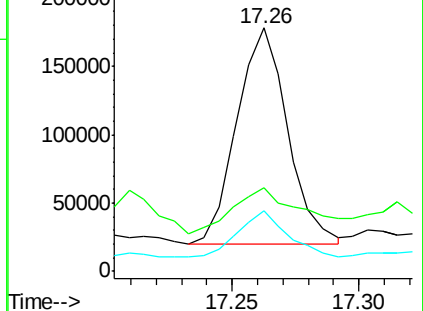
176 24.8 15.8 23.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

Di-n-butylphthalate

Concen: 1.08 ng/ul

RT: 18.17 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

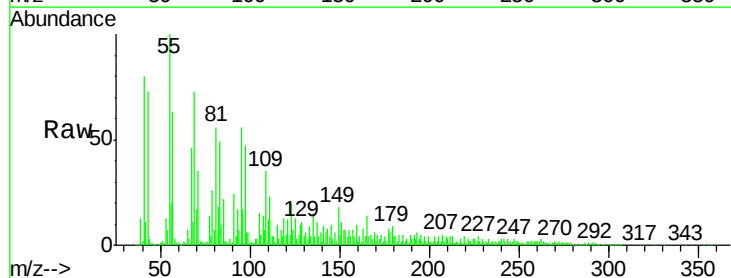
Tgt Ion:149 Resp: 79319

Ion Ratio Lower Upper

149 100

150 26.8 7.1 10.7#

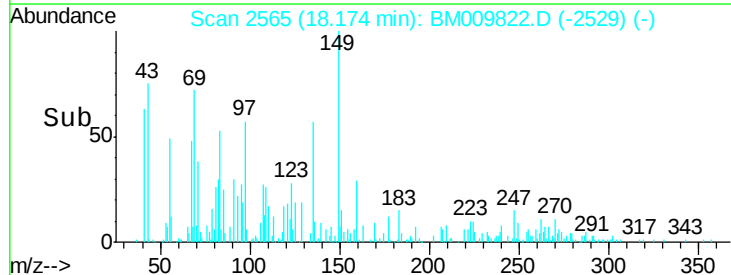
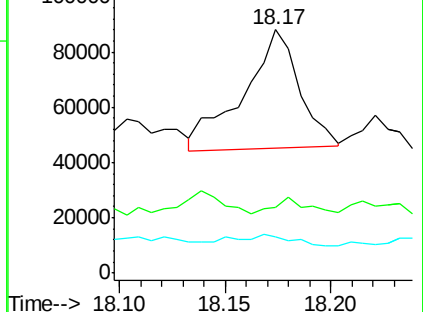
104 14.7 6.9 10.3#

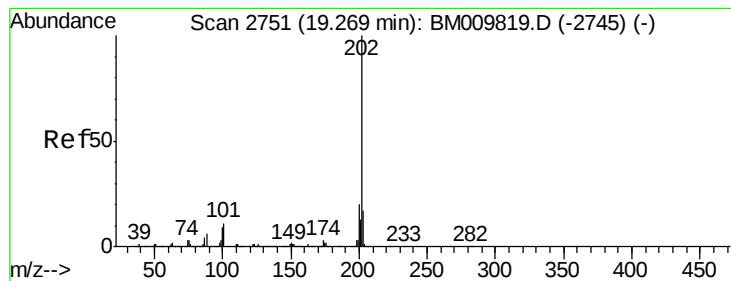


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 10.95 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.01 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampleId :

JHSW5

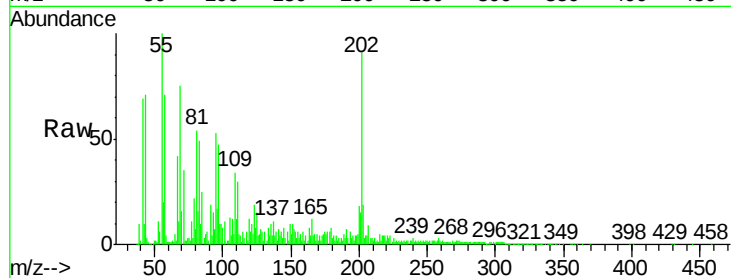
Tgt Ion:202 Resp: 880839

Ion Ratio Lower Upper

202 100

101 11.7 5.7 8.5#

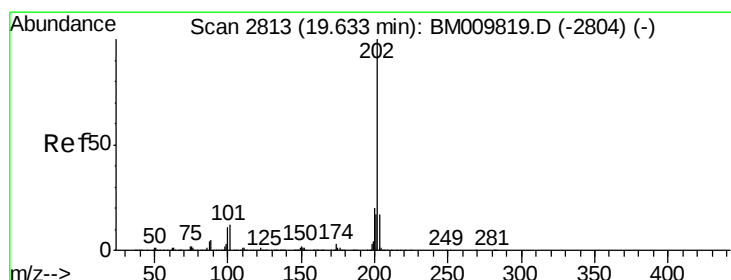
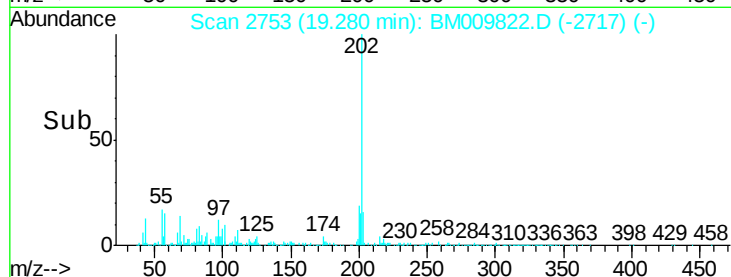
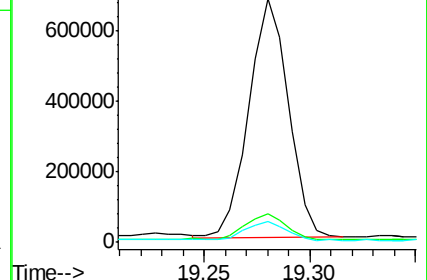
100 8.6 4.6 7.0#



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: 24.17 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.02 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

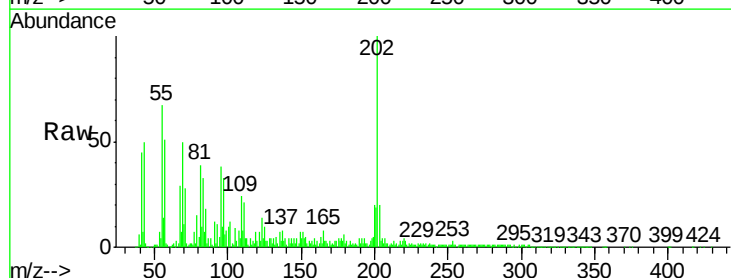
Tgt Ion:202 Resp: 1903761

Ion Ratio Lower Upper

202 100

101 11.7 6.2 9.4#

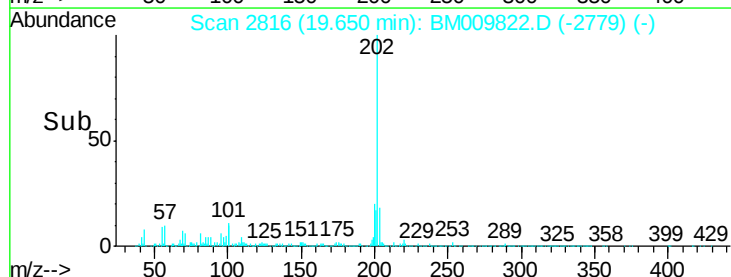
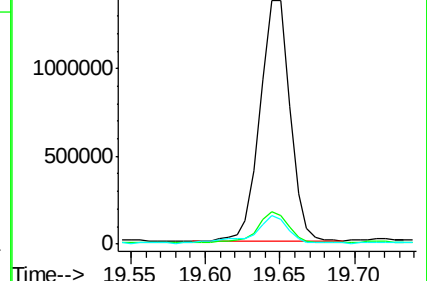
100 10.2 6.4 9.6#

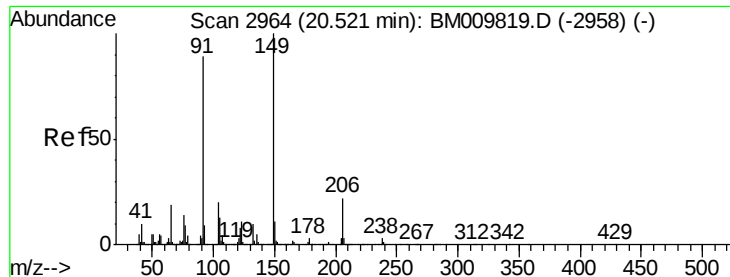


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 2.25 ng/ul

RT: 20.53 min Scan# 2966

Delta R.T. 0.01 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampleId :

JHSW5

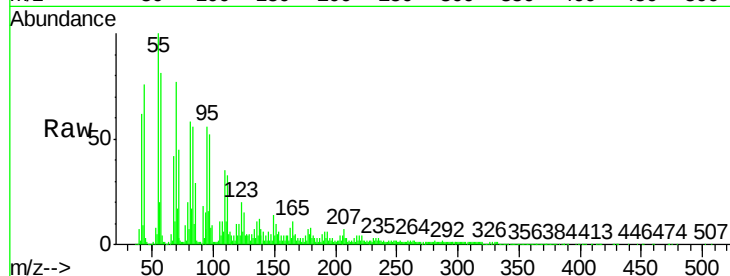
Tgt Ion:149 Resp: 73375

Ion Ratio Lower Upper

149 100

91 129.7 80.0 120.0#

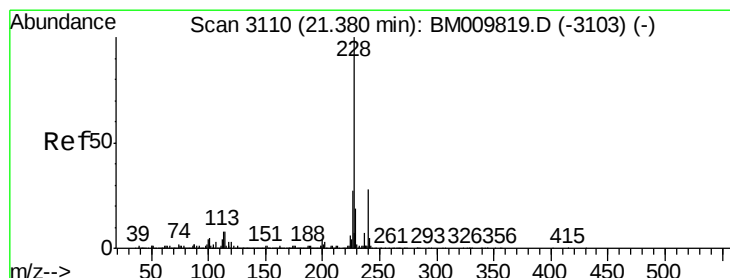
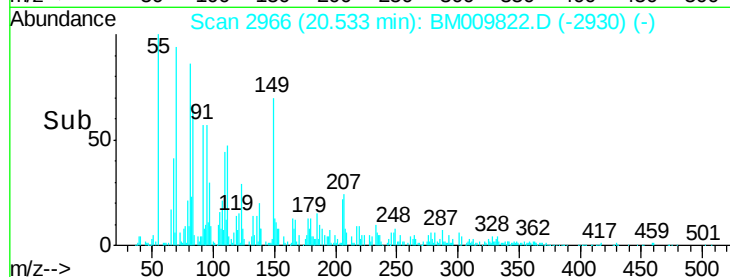
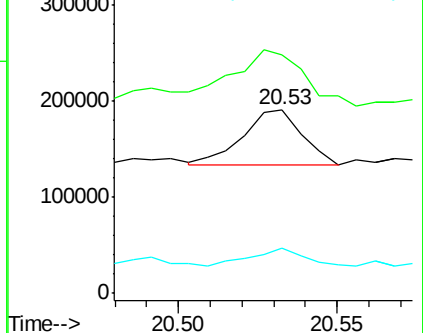
206 24.6 19.1 28.7



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: 5.85 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

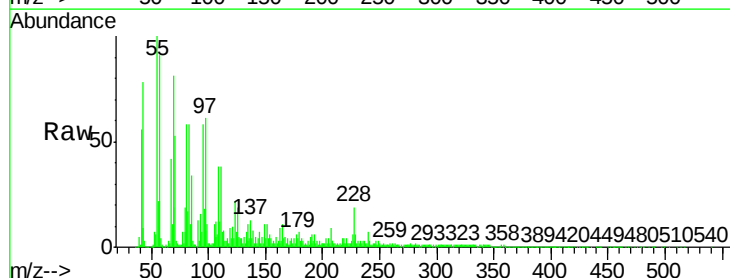
Tgt Ion:228 Resp: 483964

Ion Ratio Lower Upper

228 100

229 32.3 15.4 23.2#

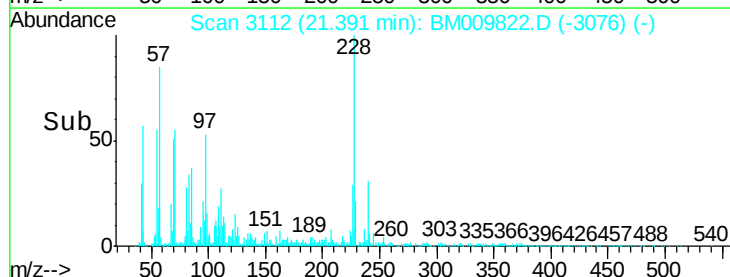
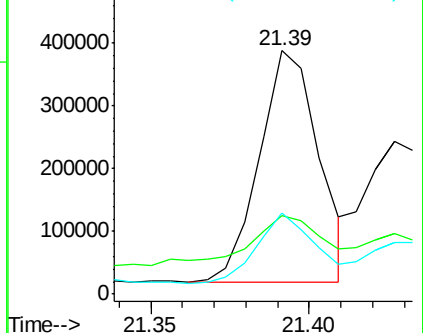
226 33.1 21.2 31.8#

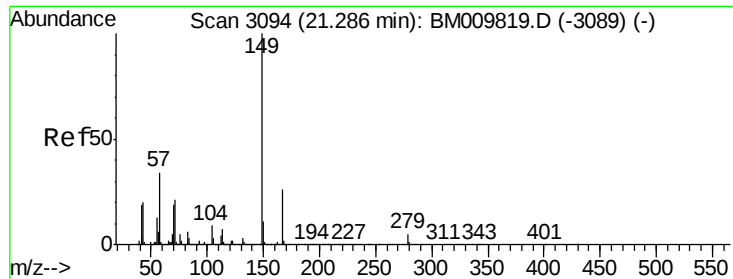


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

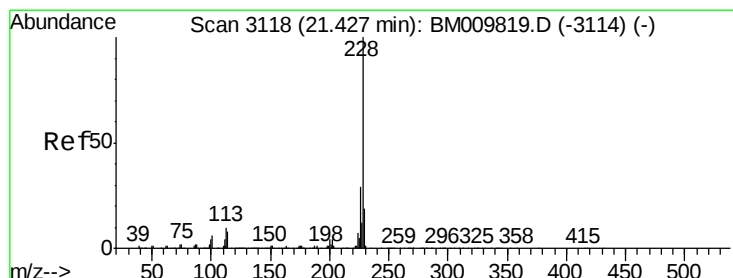
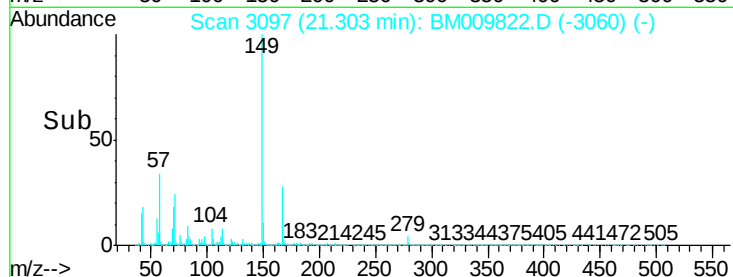
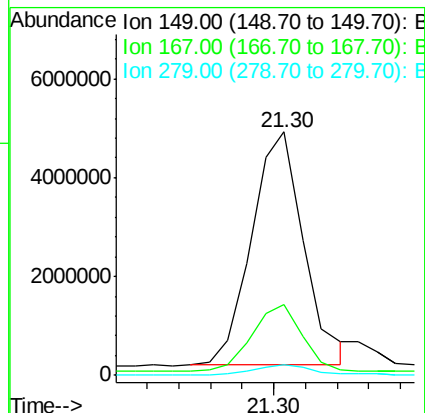
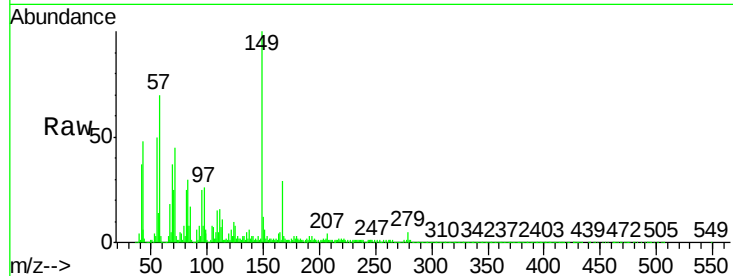




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 108.69 ng/ul
 RT: 21.30 min Scan# 3097
 Delta R.T. 0.02 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

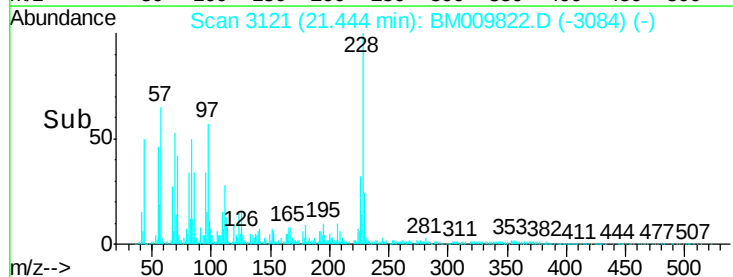
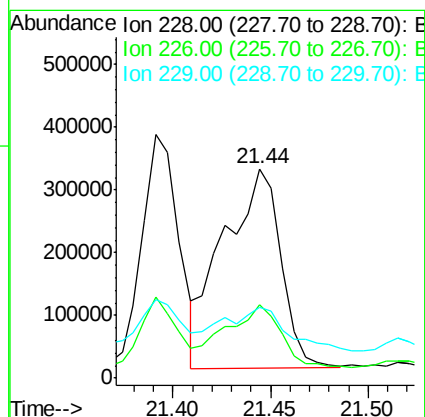
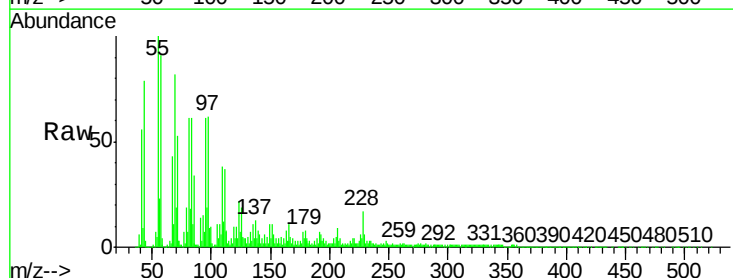
Instrument :
 BNA_M
 ClientSampleId :
 JHSW5

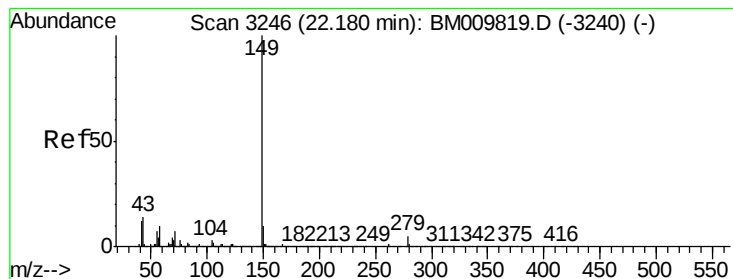
Tgt Ion:149 Resp: 5377777
 Ion Ratio Lower Upper
 149 100
 167 29.2 20.2 30.2
 279 4.6 4.0 6.0



#82
 Chrysene
 Concen: 8.71 ng/ul
 RT: 21.44 min Scan# 3121
 Delta R.T. 0.02 min
 Lab File: BM009822.D
 Acq: 30 Apr 2017 21:19

Tgt Ion:228 Resp: 648178
 Ion Ratio Lower Upper
 228 100
 226 35.1 23.9 35.9
 229 34.0 15.4 23.2#





#84

Di-n-octyl phthalate

Concen: 49.09 ng/ul

RT: 22.20 min Scan# 3250

Delta R.T. 0.02 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampleId :

JHSW5

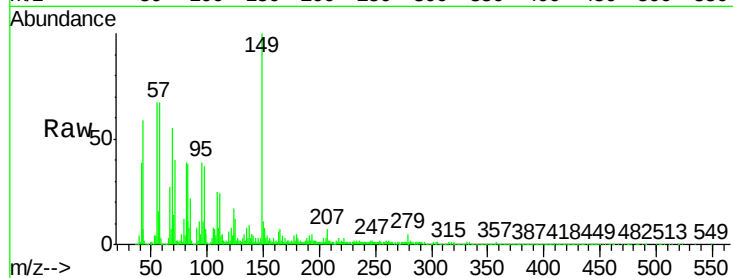
Tgt Ion:149 Resp: 4499808

Ion Ratio Lower Upper

149 100

167 4.2 1.4 2.0#

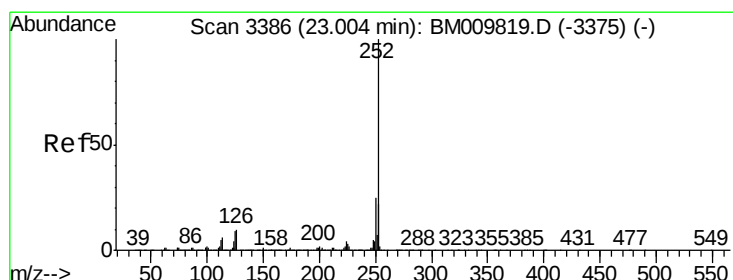
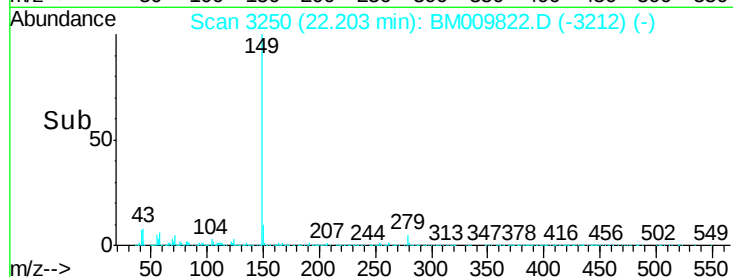
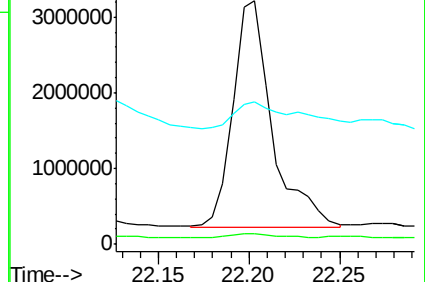
43 58.8 13.7 20.5#



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: 12.48 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.03 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

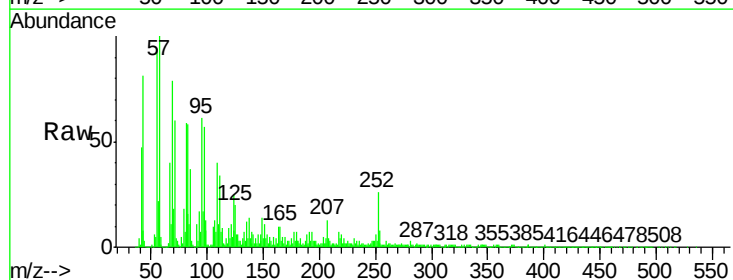
Tgt Ion:252 Resp: 1016991

Ion Ratio Lower Upper

252 100

253 31.5 17.0 25.4#

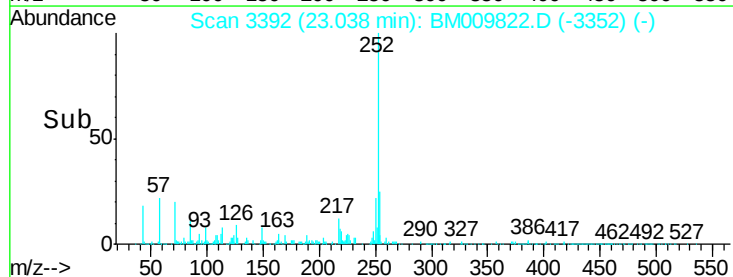
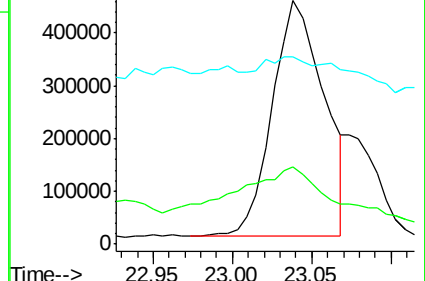
125 77.1 3.7 5.5#

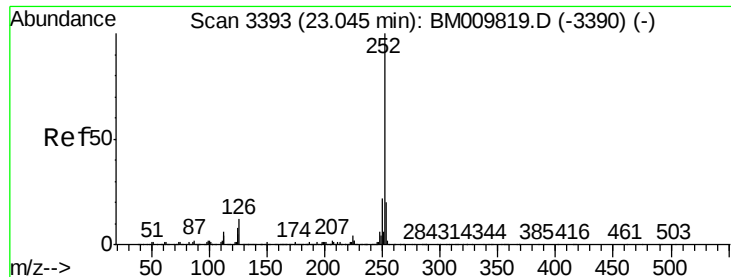


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

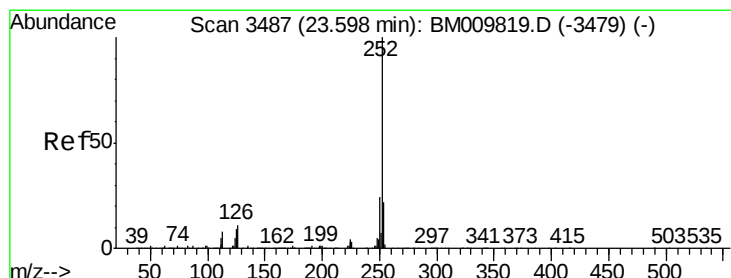
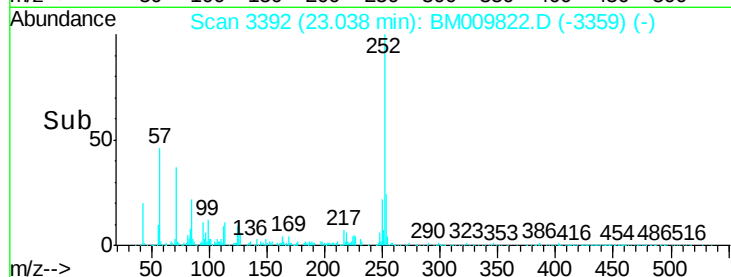
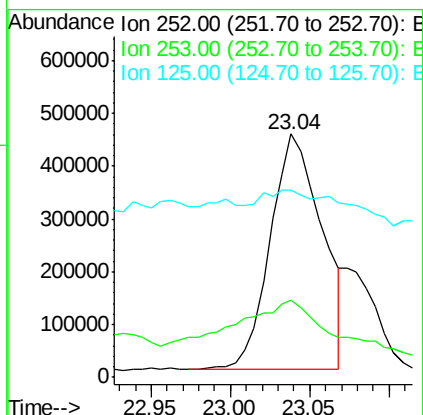
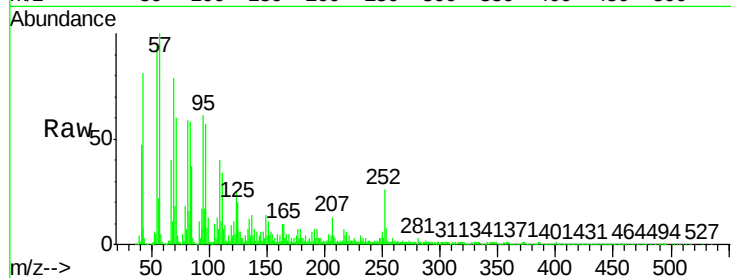




#86
Benzo(k)fluoranthene
Concen: 13.63 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM009822.D
Acq: 30 Apr 2017 21:19

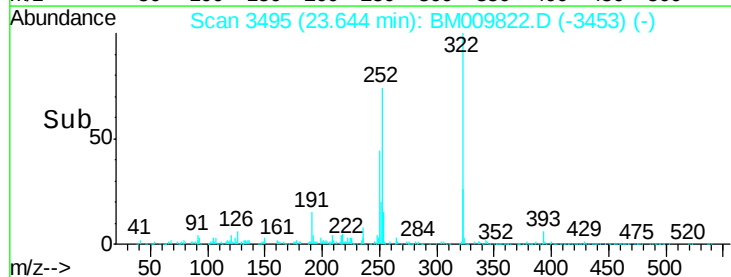
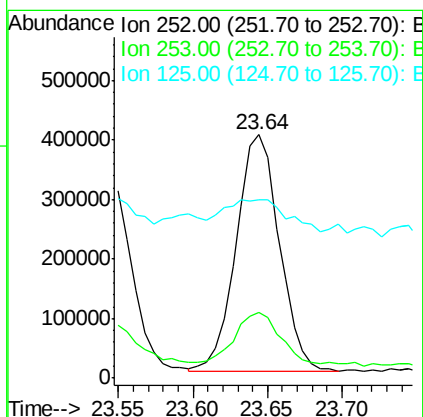
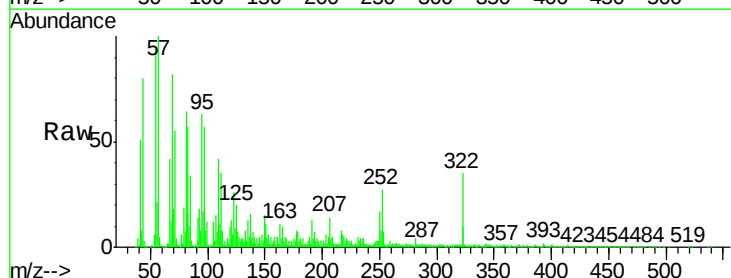
Instrument :
BNA_M
ClientSampleId :
JHSW5

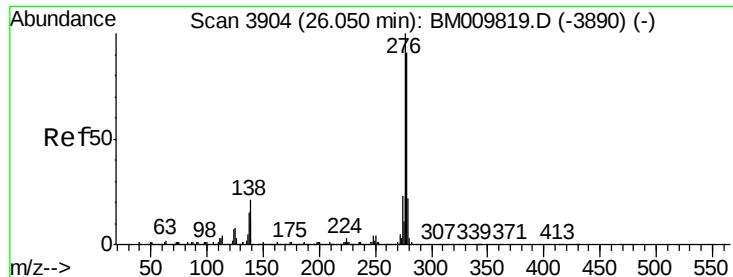
Tgt Ion:252 Resp: 1016991
Ion Ratio Lower Upper
252 100
253 31.5 17.4 26.0#
125 77.1 3.8 5.8#



#88
Benzo(a)pyrene
Concen: 10.58 ng/ul
RT: 23.64 min Scan# 3495
Delta R.T. 0.05 min
Lab File: BM009822.D
Acq: 30 Apr 2017 21:19

Tgt Ion:252 Resp: 802131
Ion Ratio Lower Upper
252 100
253 26.8 17.4 26.0#
125 73.5 3.7 5.5#





#89

Indeno(1,2,3-cd)pyrene

Concen: 5.65 ng/ul

RT: 26.11 min Scan# 3915

Delta R.T. 0.06 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampleId :

JHSW5

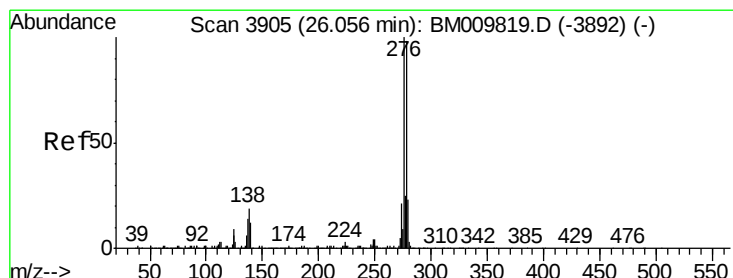
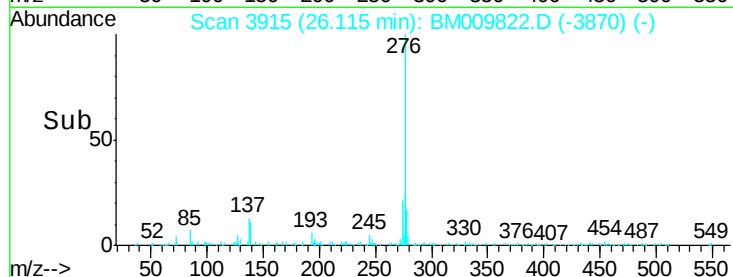
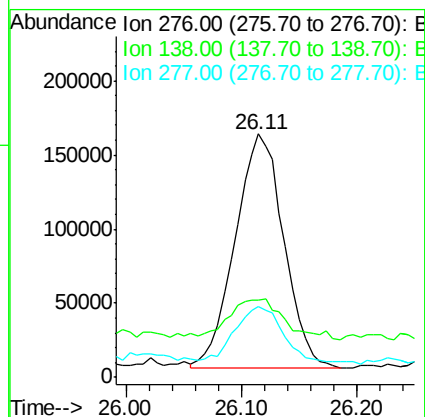
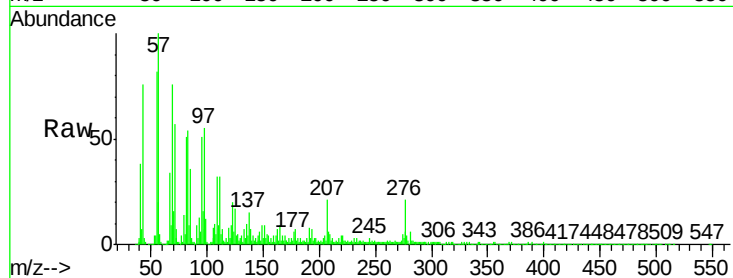
Tgt Ion:276 Resp: 463506

Ion Ratio Lower Upper

276 100

138 31.7 8.2 12.2#

277 29.3 21.5 32.3



#90

Dibenzo(a,h)anthracene

Concen: 1.45 ng/ul

RT: 26.11 min Scan# 3914

Delta R.T. 0.05 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

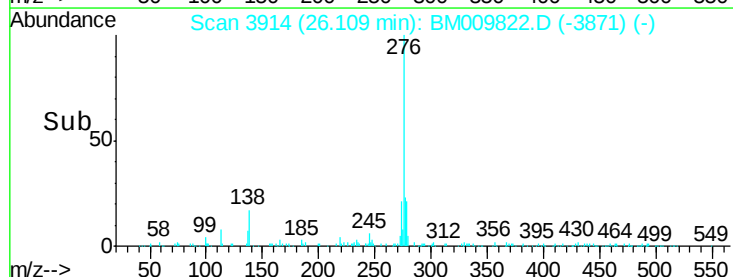
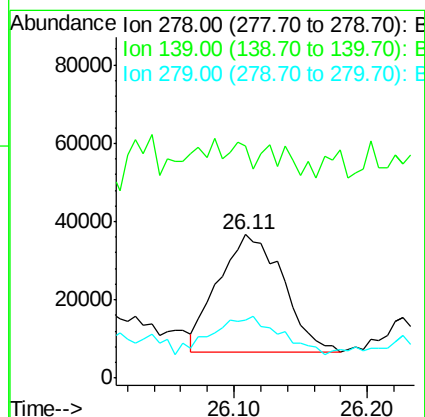
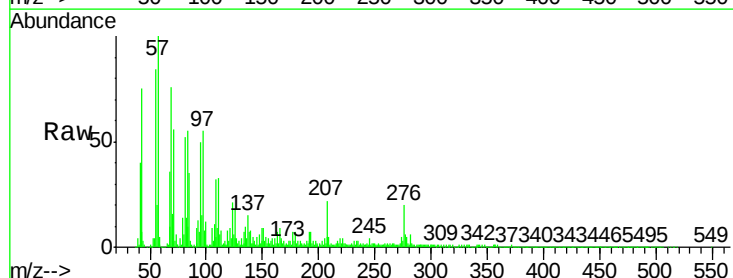
Tgt Ion:278 Resp: 101400

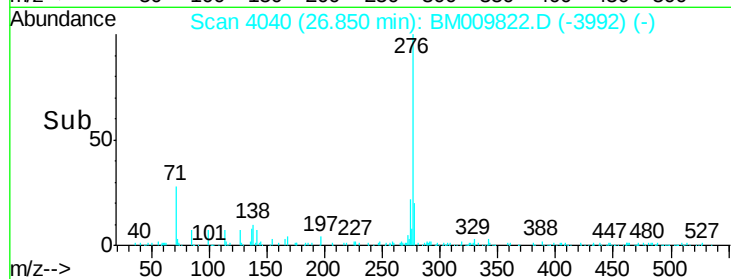
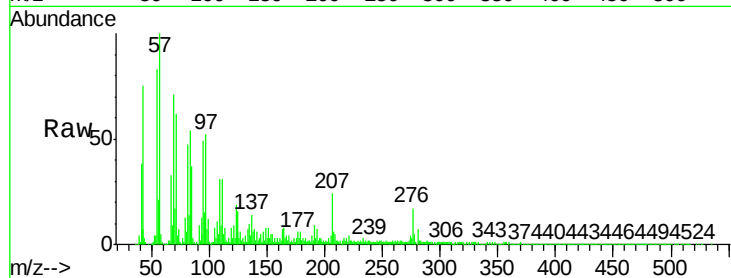
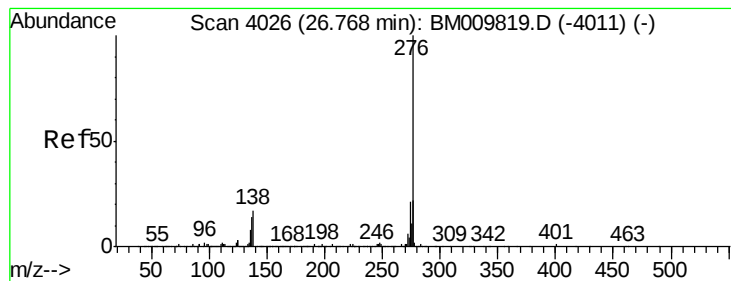
Ion Ratio Lower Upper

278 100

139 162.1 5.8 8.8#

279 40.8 17.9 26.9#





#91

Benzo(g,h,i)perylene

Concen: 5.52 ng/ul

RT: 26.85 min Scan# 4040

Delta R.T. 0.08 min

Lab File: BM009822.D

Acq: 30 Apr 2017 21:19

Instrument :

BNA_M

ClientSampleId :

JHSW5

Tgt Ion:276 Resp: 363855

Ion Ratio Lower Upper

276 100

138 34.6 7.0 10.4#

277 31.8 19.0 28.6#

