

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012441.D
 Acq On : 25 Oct 2017 12:27
 Operator : SJ/JU
 Sample : I5693-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 01:11:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	721035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	3028965	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	2553124	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	4656809	20.00	ng/ul	0.02
75) Chrysene-d12	21.44	240	3907853	20.00	ng/ul	0.02
83) Perylene-d12	23.74	264	3678033	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	47044	3.33	ng/uL	0.00
5) Phenol-d5	7.05	99	1264047	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	760773	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	995185	22.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	842265	16.36	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	502518	26.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	566508	28.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	1049149	20.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	165170	3.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	3596511	16.12	ng/ul	0.01
46) Acenaphthylene-d8	14.21	160	4627449	17.54	ng/ul	0.01
51) 4-Nitrophenol-d4	14.74	143	233719	7.05	ng/ul	0.04
57) Fluorene-d10	15.51	176	3261517	17.28	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.62	200	42760	1.90	ng/ul	0.02
70) Anthracene-d10	17.36	188	5064275	22.82	ng/ul	0.02
76) Pyrene-d10	19.68	212	4943149	27.57	ng/ul	0.05
87) Benzo(a)pyrene-d12	23.60	264	3789638	21.69	ng/ul	0.03

Target Compounds

					Ovalue	
4) Benzaldehyde	7.03	77	64731	1.98	ng/ul#	31
6) Phenol	7.08	94	806603	12.86	ng/ul#	85
11) 2-Methylphenol	8.33	108	55670	1.18	ng/ul	94
14) Acetophenone	8.69	105	277343	3.43	ng/ul#	44
28) Naphthalene	10.72	128	316205	2.11	ng/ul	97
33) 4-Chloro-3-methylphenol	12.02	107	1695808	29.89	ng/ul#	21
42) 2-Nitroaniline	13.58	65	57809	1.56	ng/ul#	14
44) Dimethylphthalate	13.97	163	1813745	8.22	ng/ul	97
45) 2,6-Dinitrotoluene	14.07	165	67541	1.93	ng/ul#	1
47) Acenaphthylene	14.24	152	345446	1.37	ng/ul#	92
48) 3-Nitroaniline	14.43	138	48866	1.49	ng/ul#	1
49) Acenaphthene	14.58	153	219864	1.27	ng/ul	92
52) 4-Nitrophenol	14.73	109	1225750	36.44	ng/ul#	1
54) 2,4-Dinitrotoluene	14.87	165	74822	1.42	ng/ul#	90
58) Fluorene	15.56	166	391772	1.81	ng/ul#	76
64) N-Nitrosodiphenylamine	15.79	169	253069	1.87	ng/ul#	46
69) Phenanthrene	17.31	178	4116985	16.35	ng/ul	96
71) Anthracene	17.31	178	4116985	15.82	ng/ul	94
72) Carbazole	17.67	167	461733	2.14	ng/ul#	54
73) Di-n-butylphthalate	18.20	149	424737	1.54	ng/ul#	35
74) Fluoranthene	19.34	202	5481658	19.21	ng/ul#	94
77) Pyrene	19.71	202	5508222	24.79	ng/ul#	93
80) Benzo(a)anthracene	21.42	228	2335571	9.98	ng/ul#	93

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012441.D
 Acq On : 25 Oct 2017 12:27
 Operator : SJ/JU
 Sample : I5693-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 01:11:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

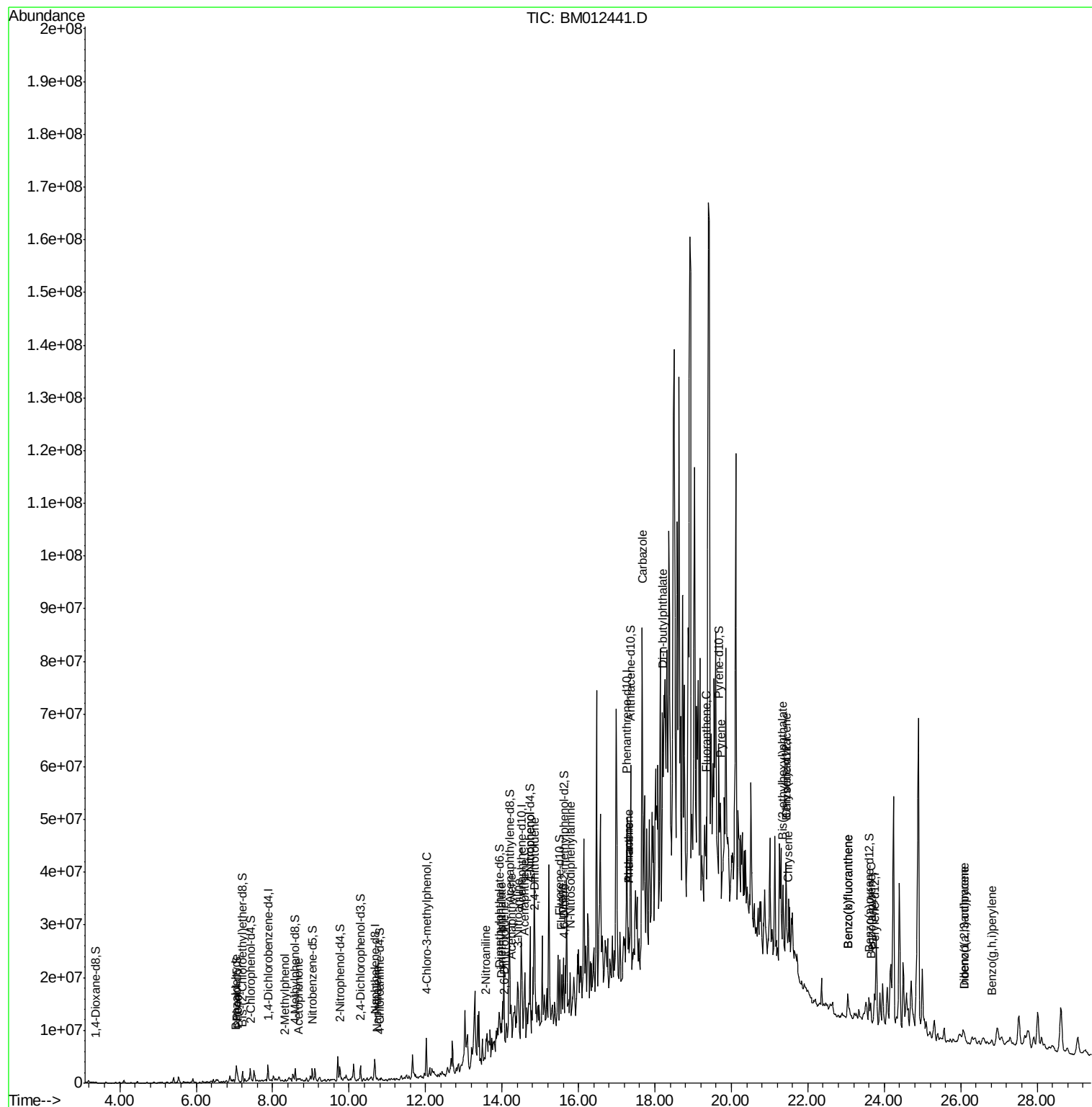
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bis(2-ethylhexyl)phthalate	21.35	149	4065137	30.52	ng/ul	98
82) Chrysene	21.47	228	2239902	10.77	ng/ul#	92
85) Benzo(b)fluoranthene	23.05	252	3236778	14.24	ng/ul#	93
86) Benzo(k)fluoranthene	23.05	252	3236778	15.13	ng/ul#	91
88) Benzo(a)pyrene	23.64	252	2257348	10.41	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.10	276	1721515	6.75	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.10	278	468551	2.17	ng/ul#	82
91) Benzo(a,h,i)perylene	26.82	276	1334068	6.45	ng/ul#	90

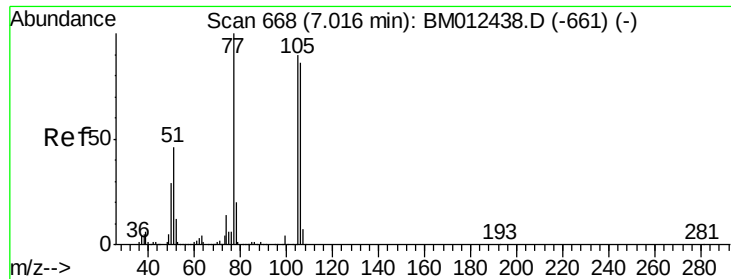
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 26 01:11:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.98 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. 0.01 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Instrument :

BNA_M

ClientSampleId :

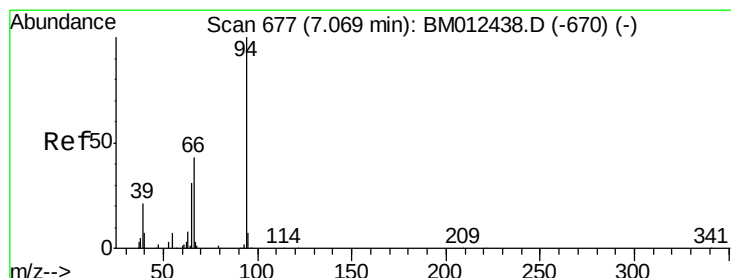
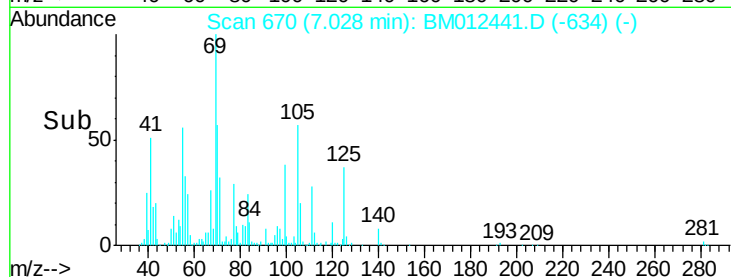
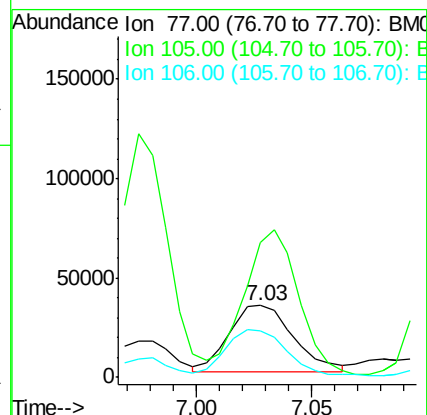
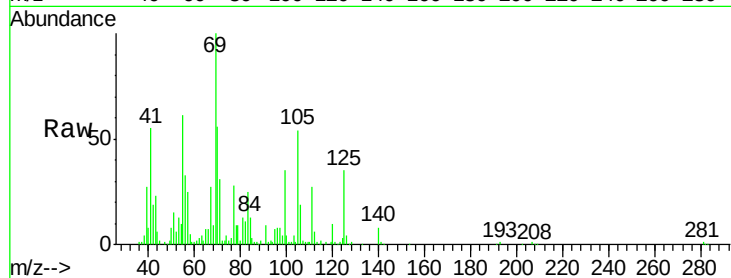
Tot Ion: 77 Resp: 64731

Ion Ratio Lower Upper

77 100

105 188.7 66.1 99.1#

106 65.6 67.8 101.6#



#6

Phenol

Concen: 12.86 ng/ul

RT: 7.08 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

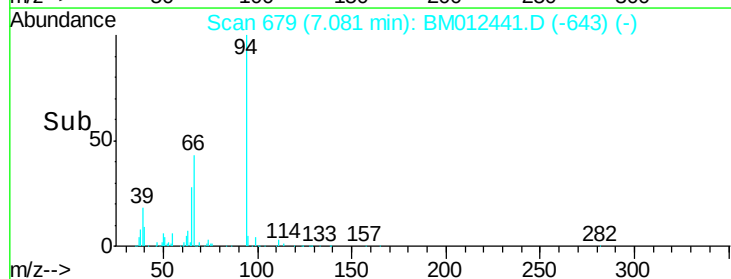
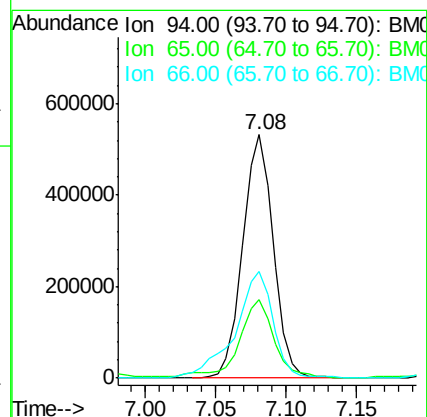
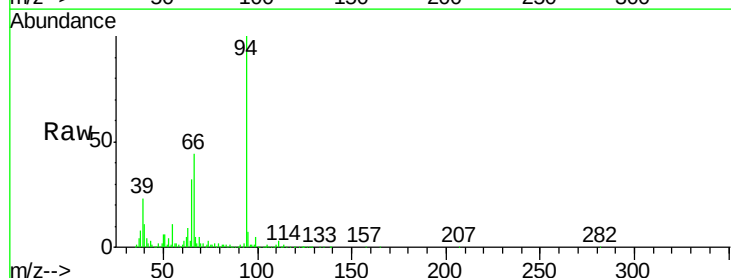
Tgt Ion: 94 Resp: 806603

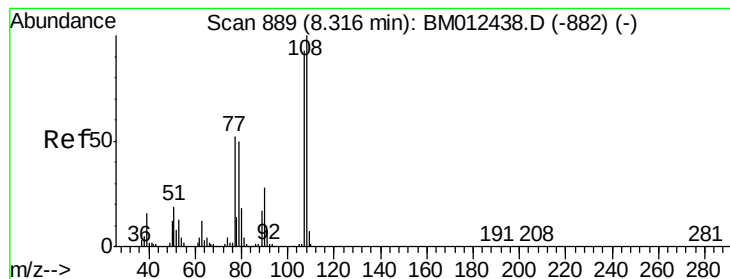
Ion Ratio Lower Upper

94 100

65 32.1 28.2 42.4

66 43.8 47.2 70.8#





#11

2-Methylphenol

Concen: 1.18 ng/ul

RT: 8.33 min Scan# 891

Delta R.T. 0.01 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Instrument :

BNA_M

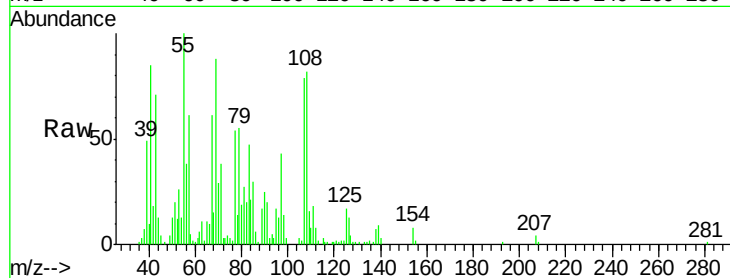
ClientSampleId :

Tot Ion:108 Resp: 55670

Ion Ratio Lower Upper

108 100

107 96.4 72.6 108.8

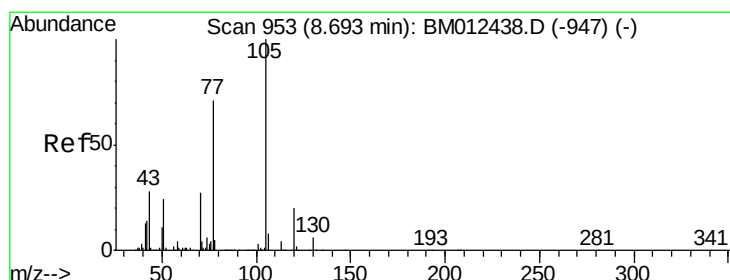
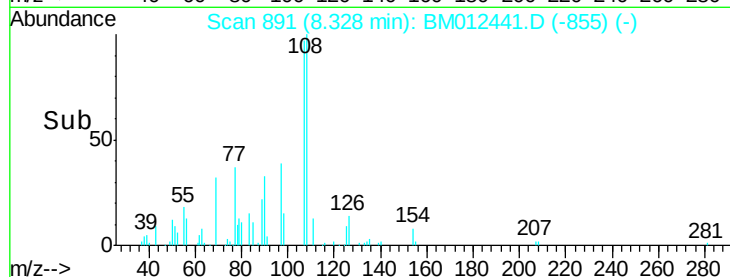


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.33

Time-->



#14

Acetophenone

Concen: 3.43 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

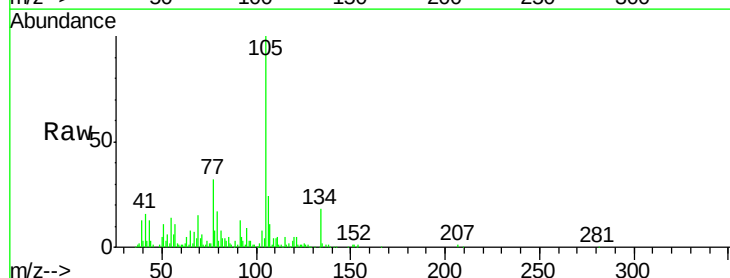
Tgt Ion:105 Resp: 277343

Ion Ratio Lower Upper

105 100

77 32.0 74.2 111.4#

51 10.8 23.4 35.2#



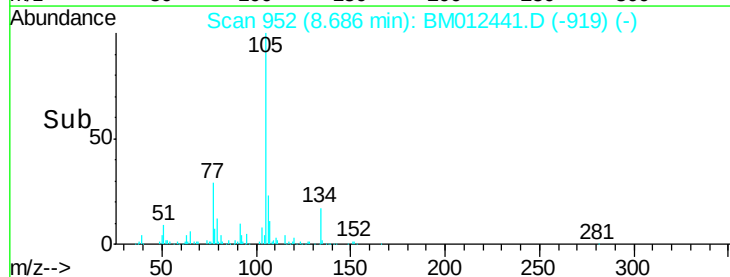
Abundance Ion 105.00 (104.70 to 105.70): E

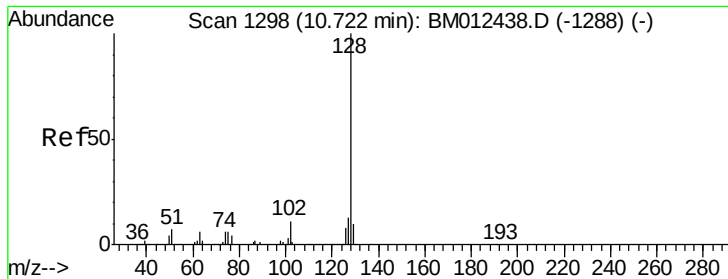
Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

8.69

Time-->

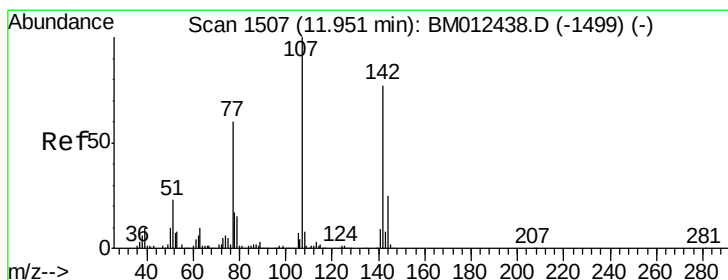
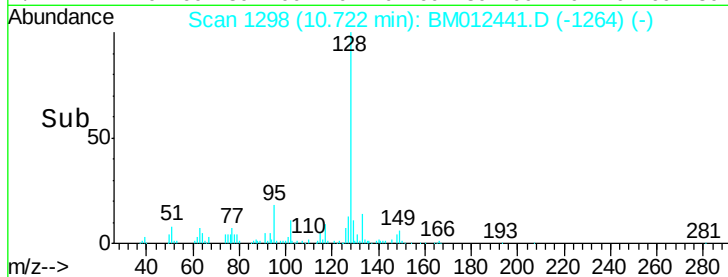
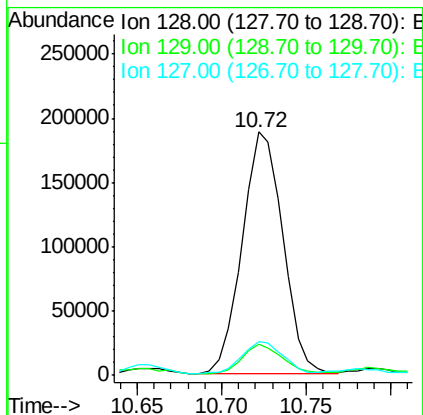
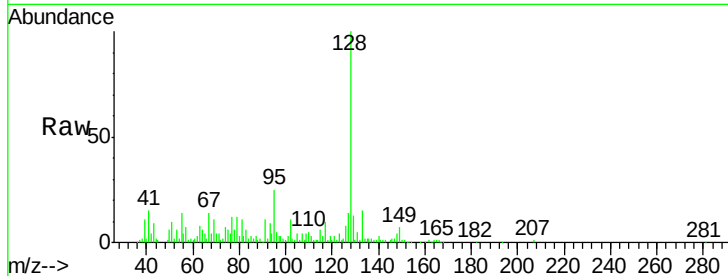




#28
Naphthalene
Concen: 2.11 ng/ul
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM012441.D
Acq: 25 Oct 2017 12:27

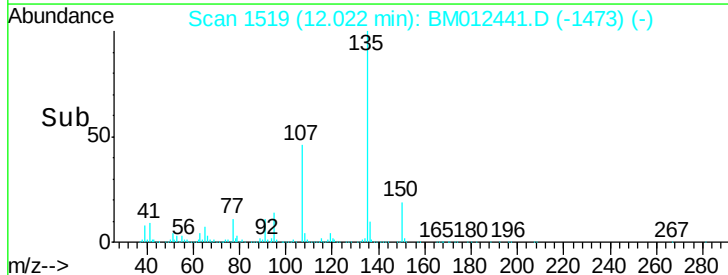
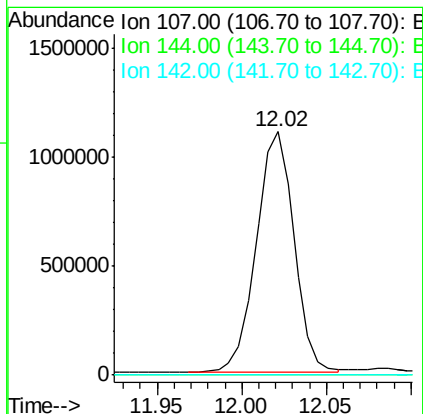
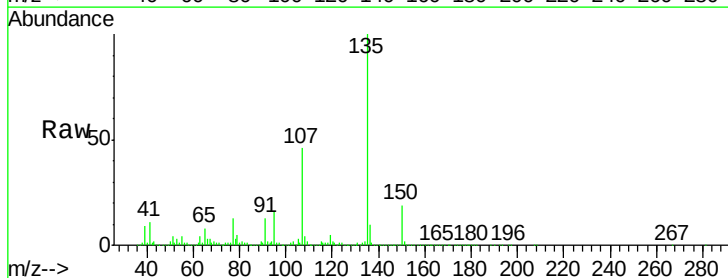
Instrument :
BNA_M
ClientSampleId :

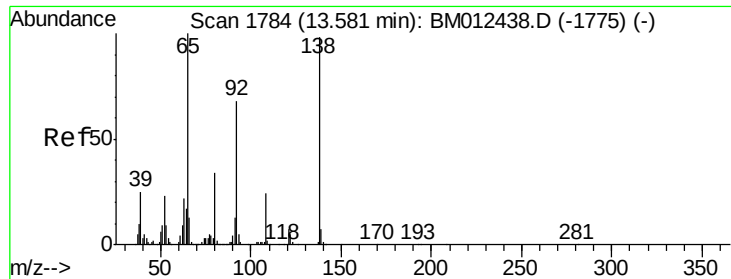
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.8	13.2
127	13.9	10.6	16.0



#33
4-Chloro-3-methylphenol
Concen: 29.89 ng/ul
RT: 12.02 min Scan# 1519
Delta R.T. 0.07 min
Lab File: BM012441.D
Acq: 25 Oct 2017 12:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.1	20.4	30.6#
142	0.1	60.5	90.7#





#42

2-Nitroaniline

Concen: 1.56 ng/ul

RT: 13.58 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Instrument :

BNA_M

ClientSampleId :

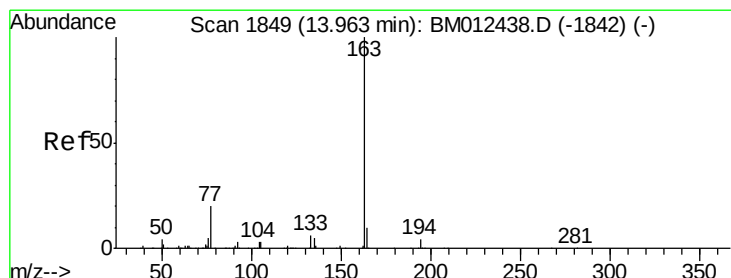
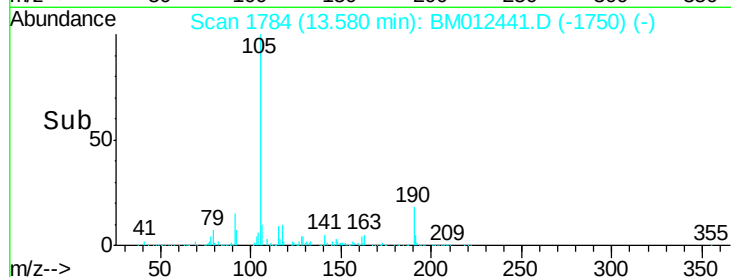
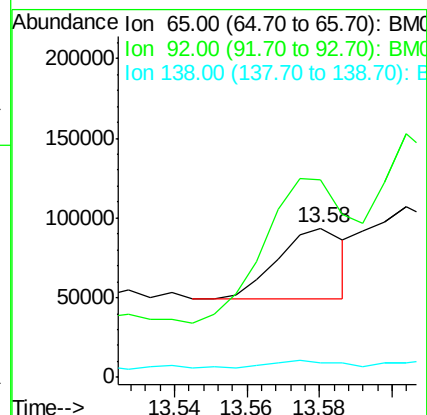
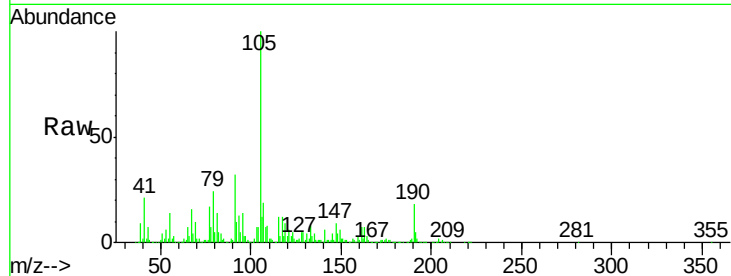
Tot Ion: 65 Resp: 57809

Ion Ratio Lower Upper

65 100

92 132.6 51.8 77.6#

138 9.8 74.2 111.4#



#44

Dimethylphthalate

Concen: 8.22 ng/ul

RT: 13.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

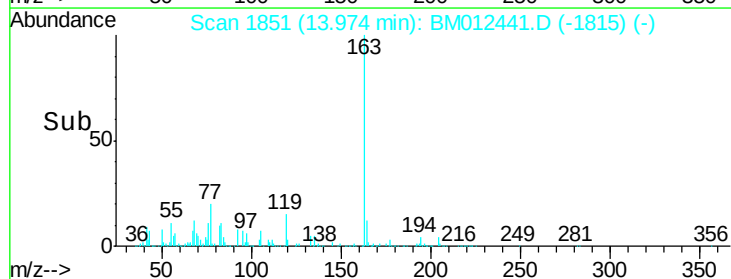
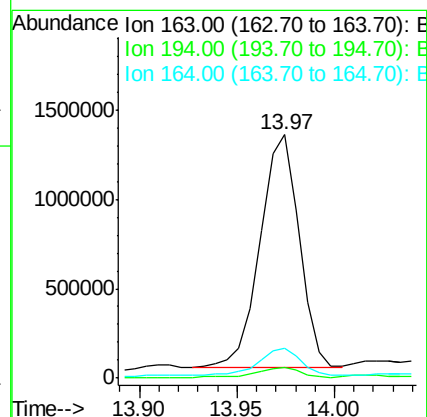
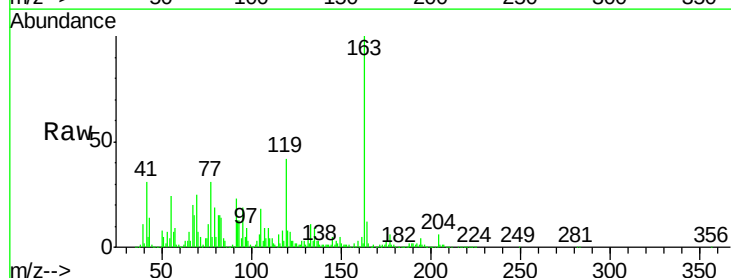
Tgt Ion:163 Resp: 1813745

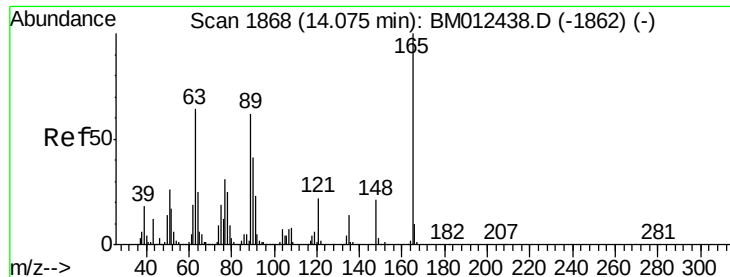
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 12.1 8.2 12.4

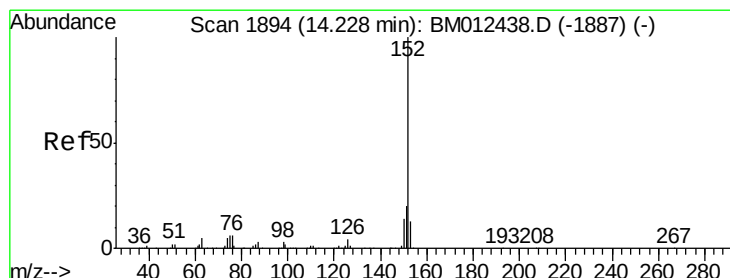
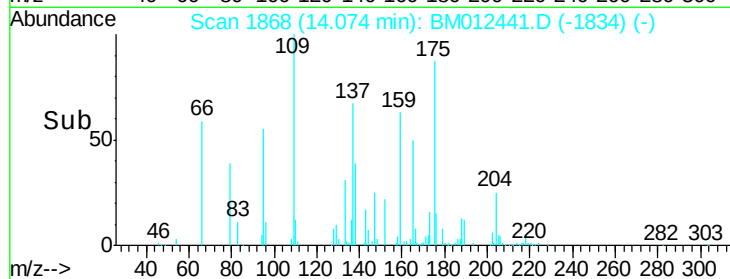
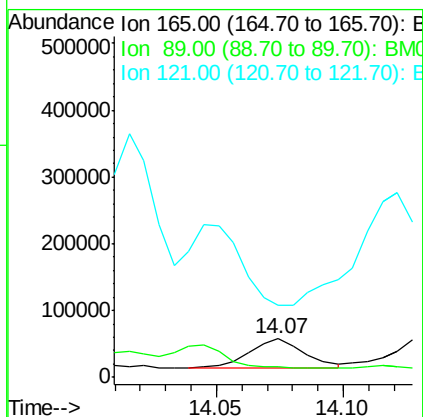
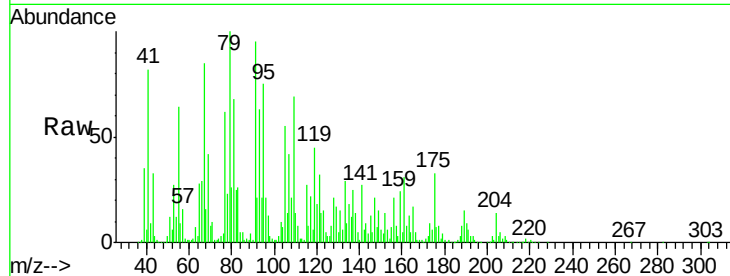




#45
 2,6-Dinitrotoluene
 Concen: 1.93 ng/ul
 RT: 14.07 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: BM012441.D
 Acq: 25 Oct 2017 12:27

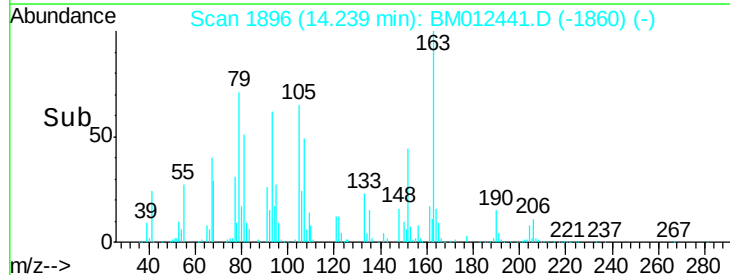
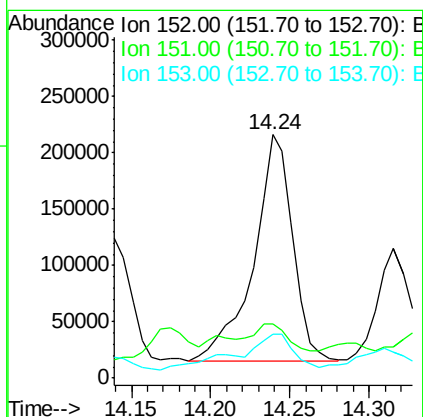
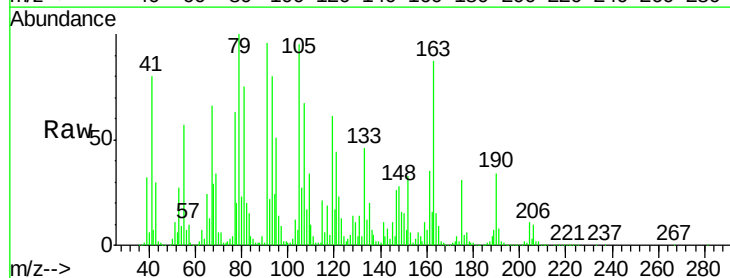
Instrument :
 BNA_M
 ClientSampled :

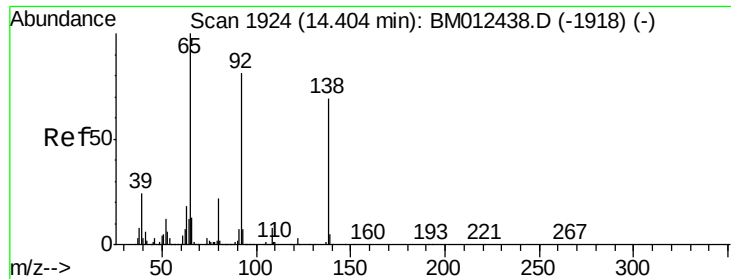
Tot Ion:165 Resp: 67541
 Ion Ratio Lower Upper
 165 100
 89 25.9 52.6 79.0#
 121 185.0 14.6 22.0#



#47
 Acenaphthylene
 Concen: 1.37 ng/ul
 RT: 14.24 min Scan# 1896
 Delta R.T. 0.01 min
 Lab File: BM012441.D
 Acq: 25 Oct 2017 12:27

Tgt Ion:152 Resp: 345446
 Ion Ratio Lower Upper
 152 100
 151 22.3 16.3 24.5
 153 18.2 10.2 15.4#

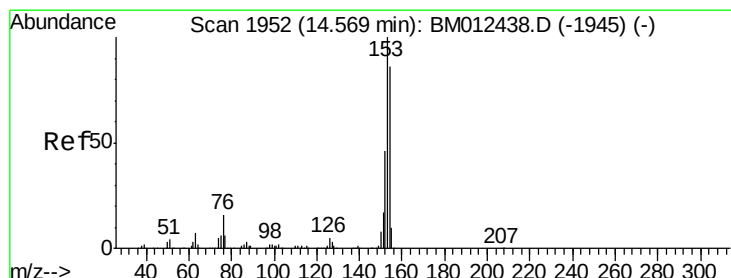
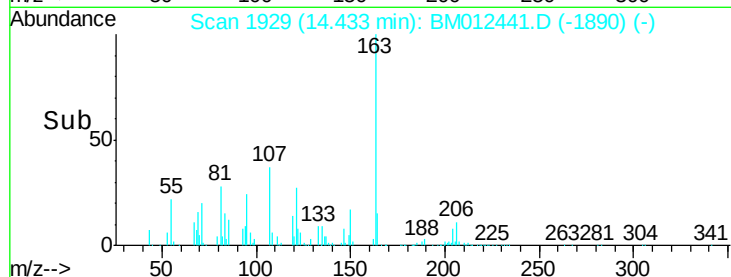
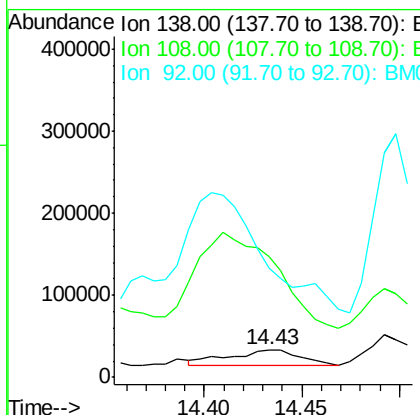
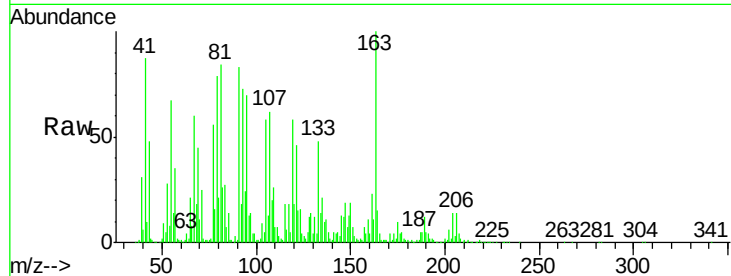




#48
3-Nitroaniline
Concen: 1.49 ng/ul
RT: 14.43 min Scan# 1929
Delta R.T. 0.03 min
Lab File: BM012441.D
Acq: 25 Oct 2017 12:27

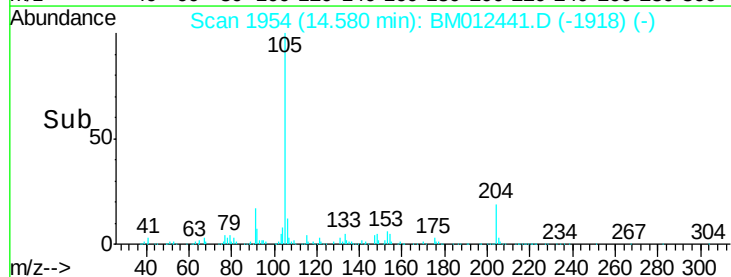
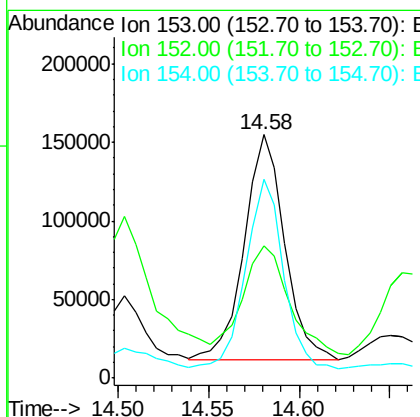
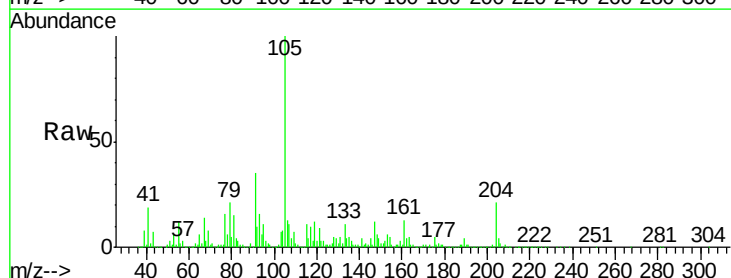
Instrument :
BNA_M
ClientSampled :

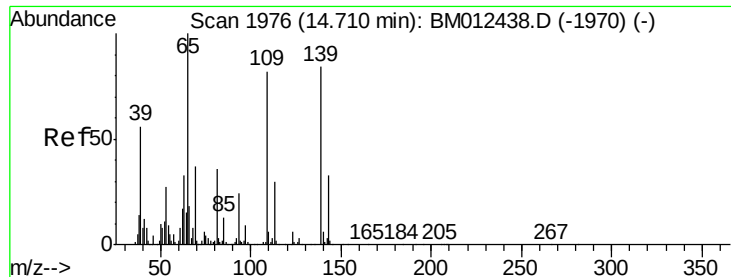
Tot Ion:138 Resp: 48866
Ion Ratio Lower Upper
138 100
108 442.4 9.9 14.9#
92 398.2 105.0 157.4#



#49
Acenaphthene
Concen: 1.27 ng/ul
RT: 14.58 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM012441.D
Acq: 25 Oct 2017 12:27

Tgt Ion:153 Resp: 219864
Ion Ratio Lower Upper
153 100
152 54.2 37.6 56.4
154 81.9 70.4 105.6

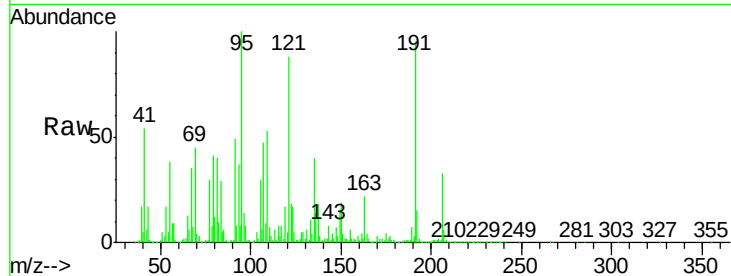




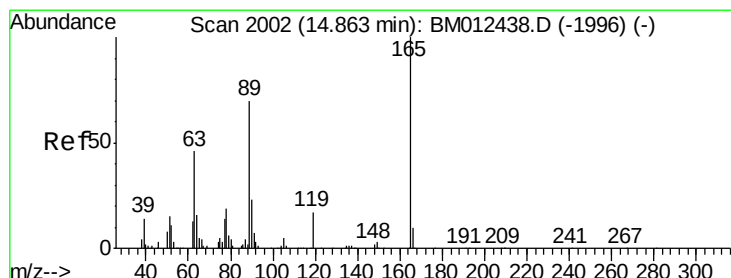
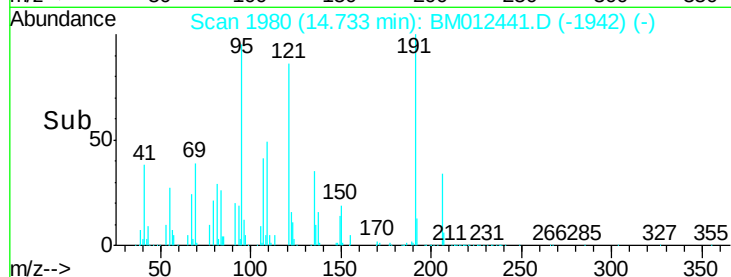
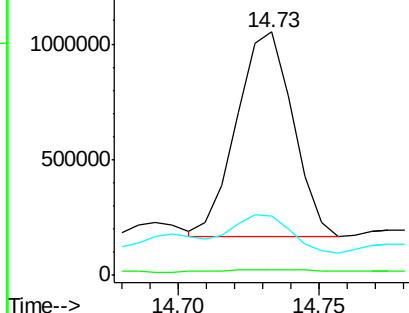
#52
4-Nitrophenol
Concen: 36.44 ng/ul
RT: 14.73 min Scan# 1980
Delta R.T. 0.02 min
Lab File: BM012441.D
Acq: 25 Oct 2017 12:27

Instrument :
BNA_M
ClientSampled :

Tot Ion:109 Resp: 1225750
Ion Ratio Lower Upper
109 100
139 2.2 80.0 120.0#
65 24.2 120.0 180.0#

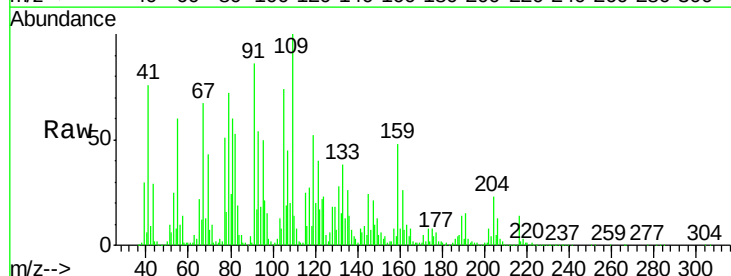


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

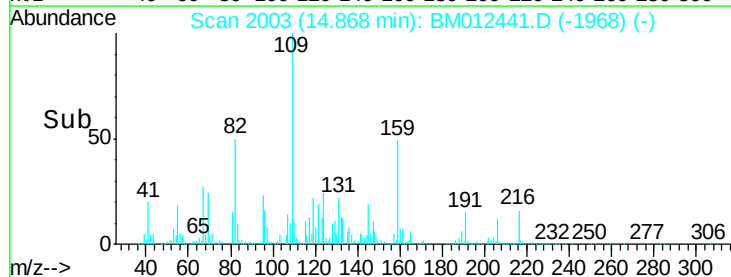
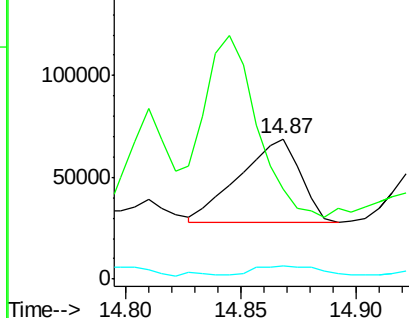


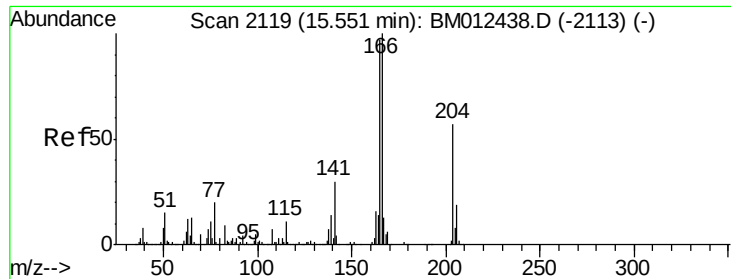
#54
2,4-Dinitrotoluene
Concen: 1.42 ng/ul
RT: 14.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BM012441.D
Acq: 25 Oct 2017 12:27

Tgt Ion:165 Resp: 74822
Ion Ratio Lower Upper
165 100
63 64.4 45.8 68.8
182 9.6 2.6 4.0#



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

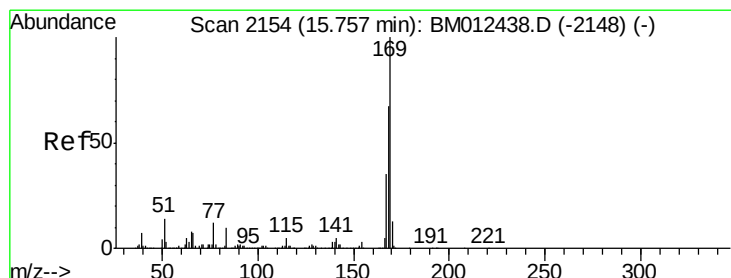
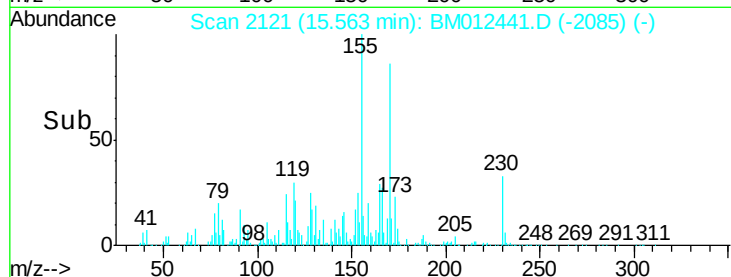
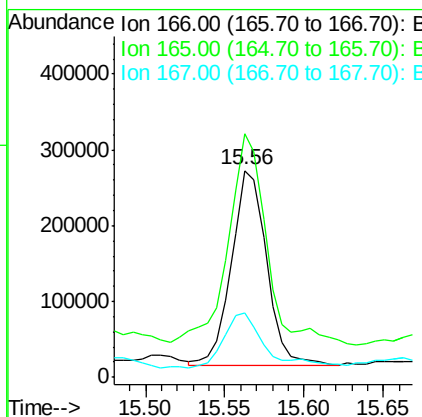
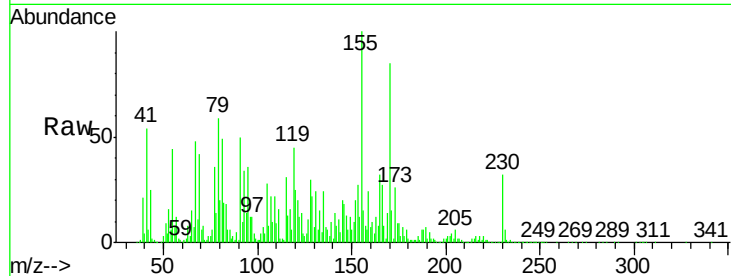




#58
 Fluorene
 Concen: 1.81 ng/ul
 RT: 15.56 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: BM012441.D
 Acq: 25 Oct 2017 12:27

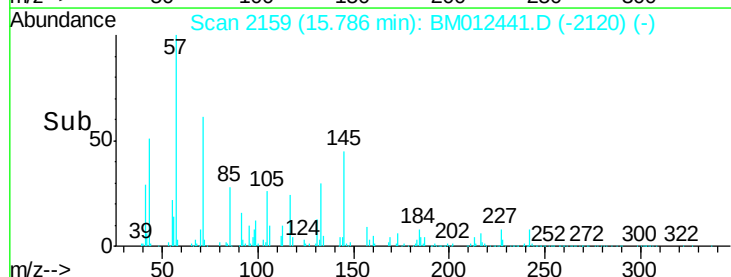
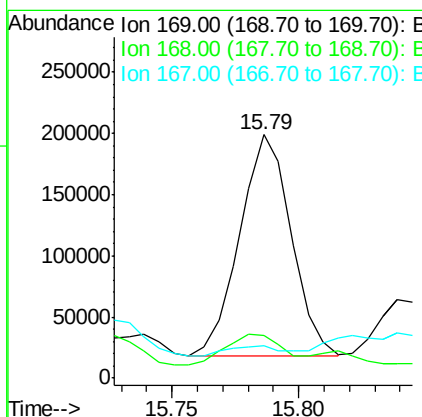
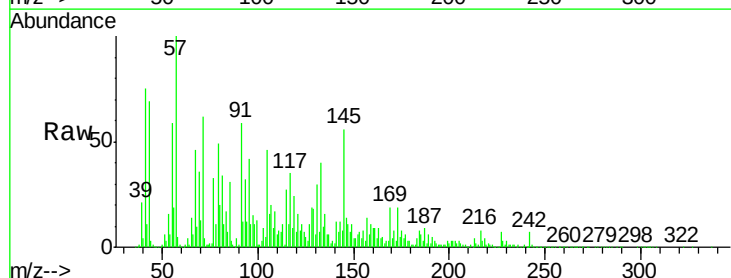
Instrument :
 BNA_M
 ClientSampleId :

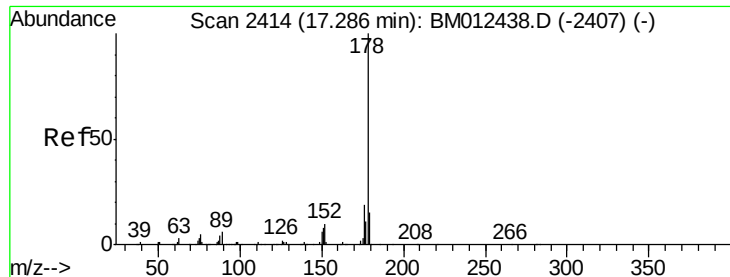
Tot Ion:166 Resp: 391772
 Ion Ratio Lower Upper
 166 100
 165 117.8 77.9 116.9#
 167 30.9 10.6 16.0#



#64
 N-Nitrosodiphenylamine
 Concen: 1.87 ng/ul
 RT: 15.79 min Scan# 2159
 Delta R.T. 0.03 min
 Lab File: BM012441.D
 Acq: 25 Oct 2017 12:27

Tgt Ion:169 Resp: 253069
 Ion Ratio Lower Upper
 169 100
 168 17.4 54.0 81.0#
 167 13.2 29.1 43.7#





#69

Phenanthrene

Concen: 16.35 ng/ul

RT: 17.31 min Scan# 2418

Delta R.T. 0.02 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

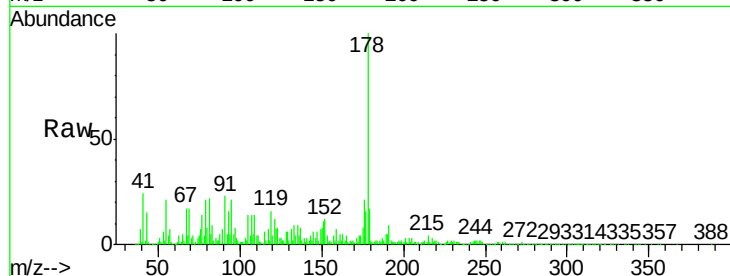
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 4116985

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.6	19.0
176	20.7	14.9	22.3

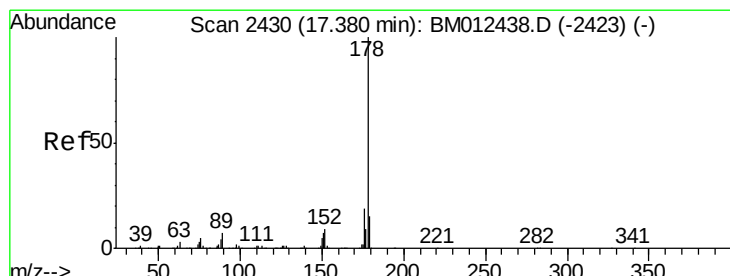
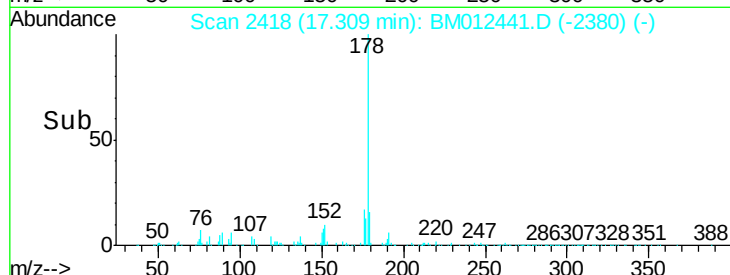
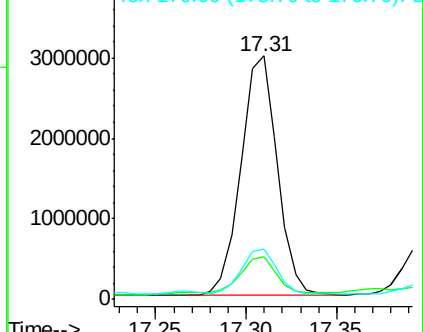


Abundance

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: 15.82 ng/ul

RT: 17.31 min Scan# 2418

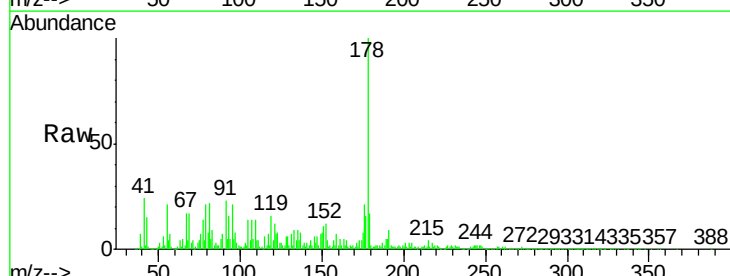
Delta R.T. -0.07 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Tgt Ion:178 Resp: 4116985

Ion	Ratio	Lower	Upper
178	100		
179	17.4	11.7	17.5
176	20.7	14.6	21.8

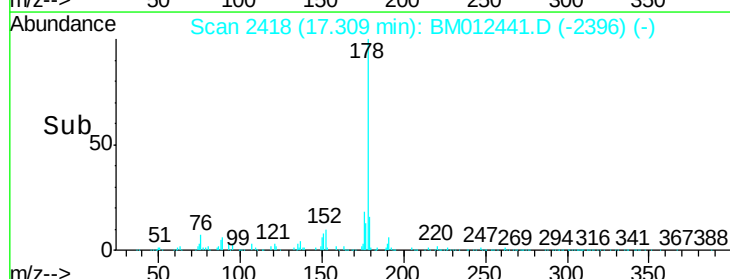
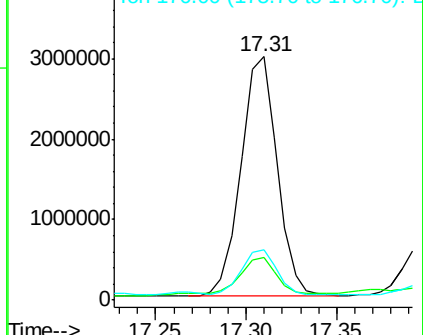


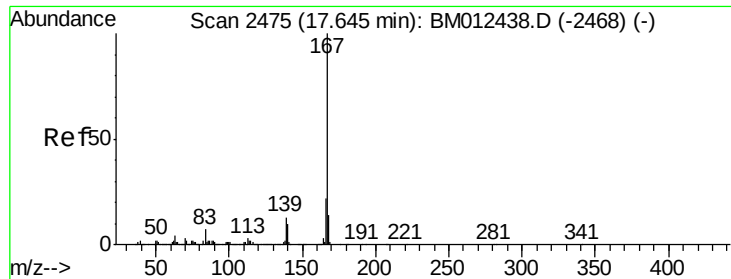
Abundance

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





#72

Carbazole

Concen: 2.14 ng/ul

RT: 17.67 min Scan# 2479

Delta R.T. 0.02 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Instrument :

BNA_M

ClientSampleId :

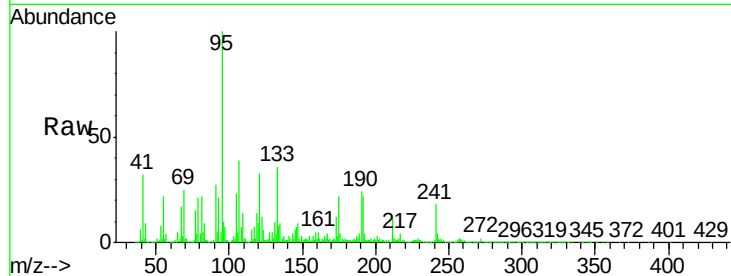
Tot Ion:167 Resp: 461733

Ion Ratio Lower Upper

167 100

166 41.3 17.1 25.7#

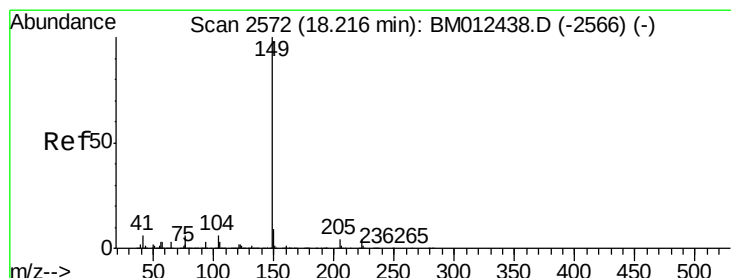
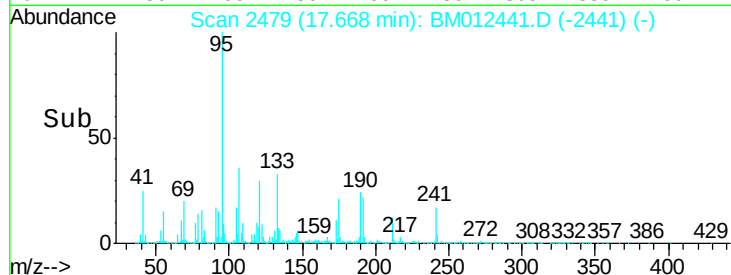
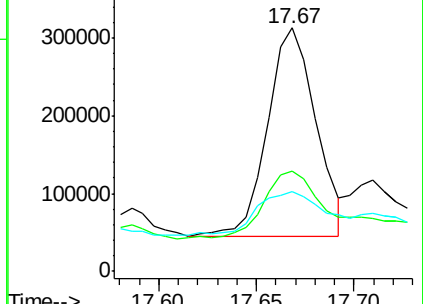
139 32.7 10.0 15.0#



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



#73

Di-n-butylphthalate

Concen: 1.54 ng/ul

RT: 18.20 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

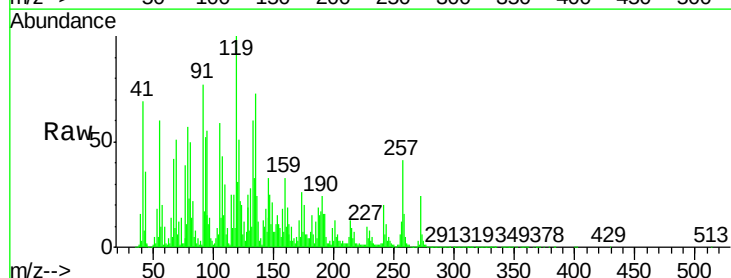
Tgt Ion:149 Resp: 424737

Ion Ratio Lower Upper

149 100

150 34.8 7.1 10.7#

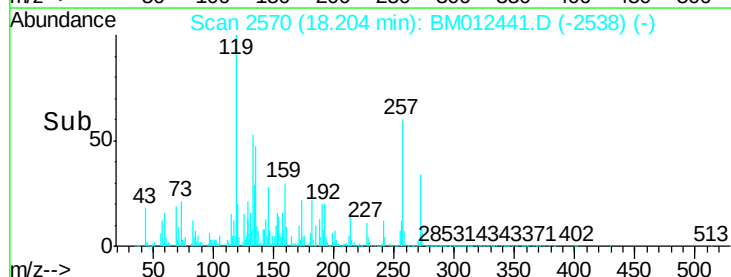
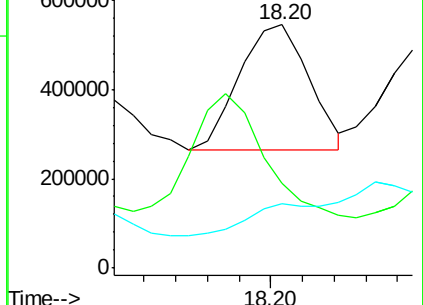
104 26.4 5.6 8.4#

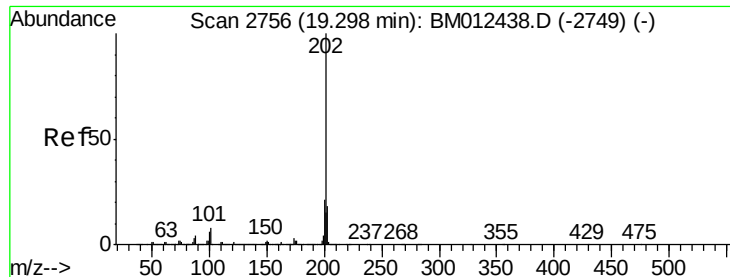


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.21 ng/ul

RT: 19.34 min Scan# 2763

Delta R.T. 0.04 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Instrument :

BNA_M

ClientSampled :

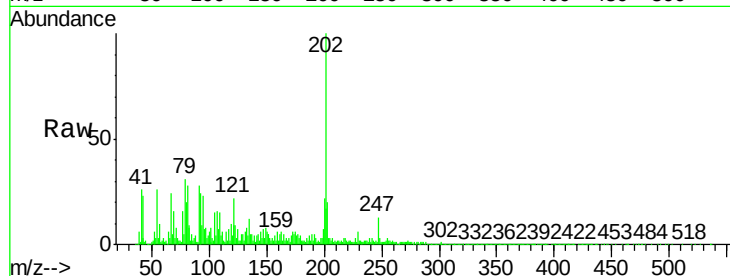
Tot Ion:202 Resp: 5481658

Ion Ratio Lower Upper

202 100

101 8.1 4.6 7.0#

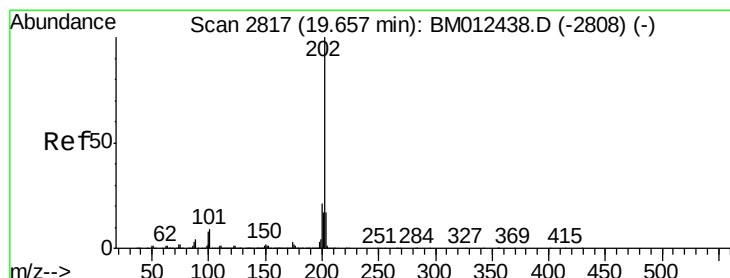
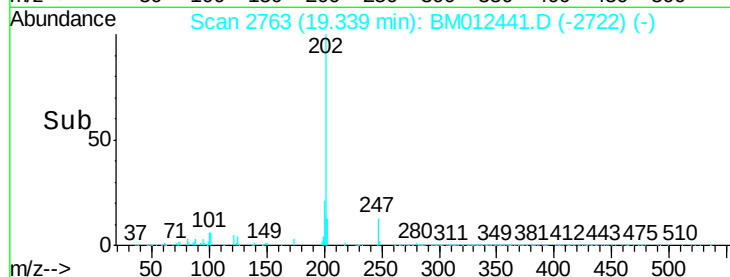
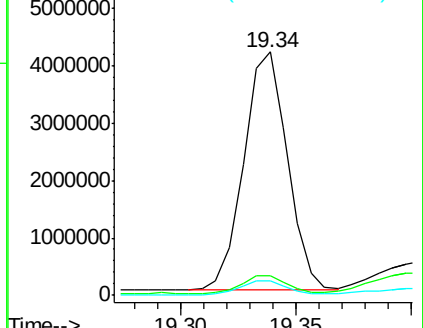
100 6.0 3.4 5.2#



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: 24.79 ng/ul

RT: 19.71 min Scan# 2826

Delta R.T. 0.05 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

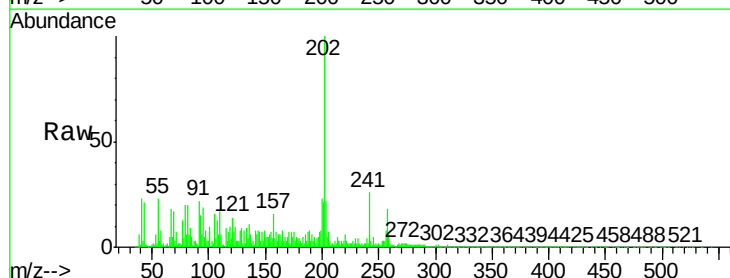
Tgt Ion:202 Resp: 5508222

Ion Ratio Lower Upper

202 100

101 9.7 5.1 7.7#

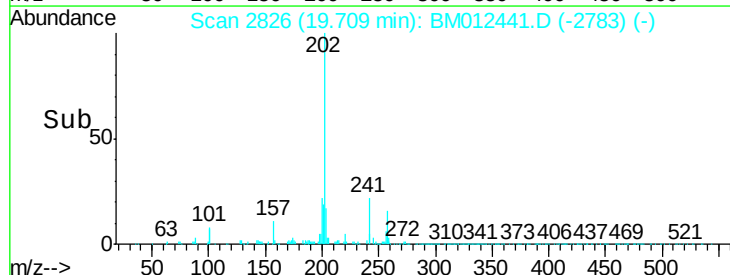
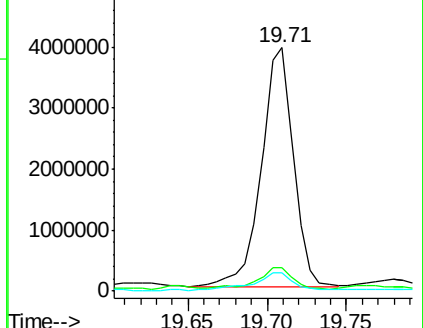
100 7.4 4.9 7.3#

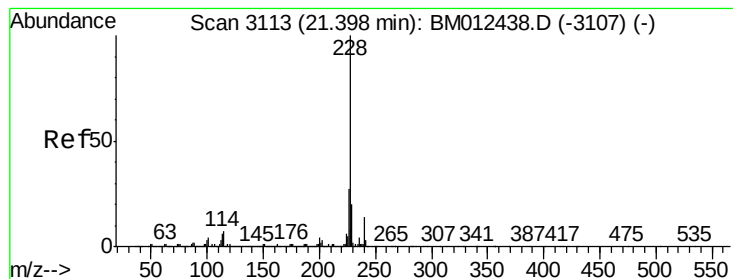


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 9.98 ng/ul

RT: 21.42 min Scan# 3117

Delta R.T. 0.02 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

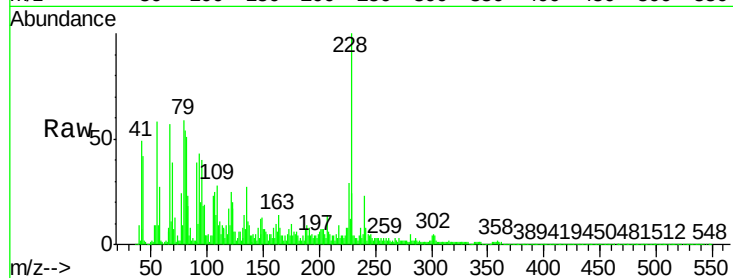
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2335571

Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.4	23.0#
226	28.9	21.4	32.0

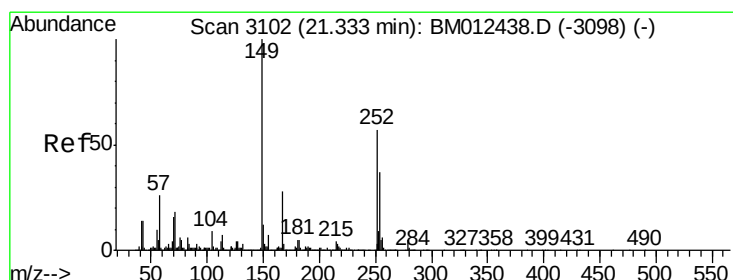
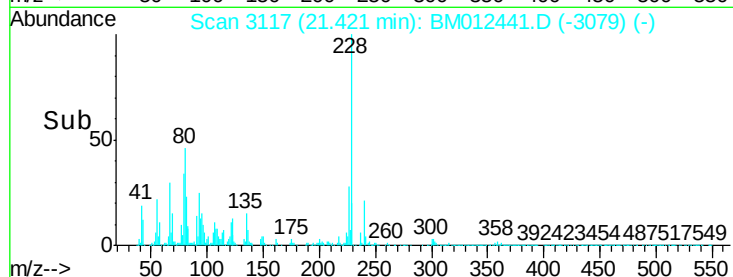
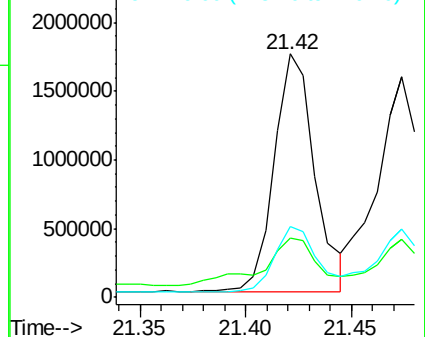


Abundance

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: 30.52 ng/ul

RT: 21.35 min Scan# 3105

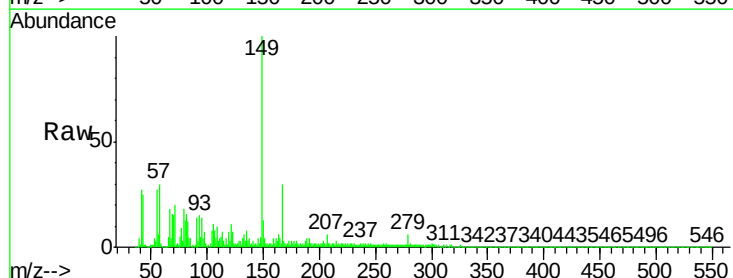
Delta R.T. 0.02 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Tgt Ion:149 Resp: 4065137

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.8	34.2
279	5.8	4.9	7.3

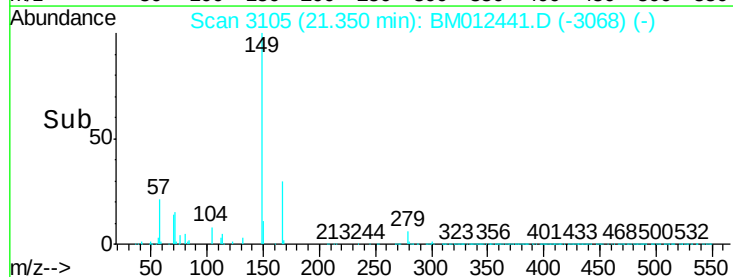
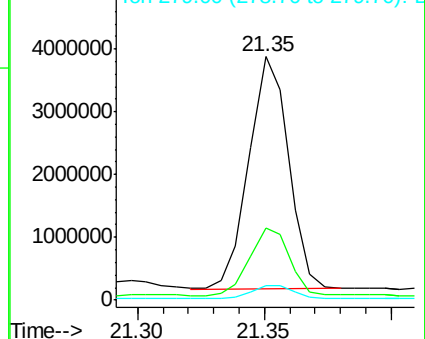


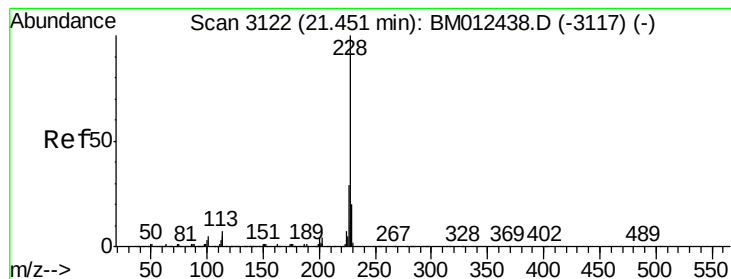
Abundance

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: 10.77 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. 0.02 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Instrument :

BNA_M

ClientSampleId :

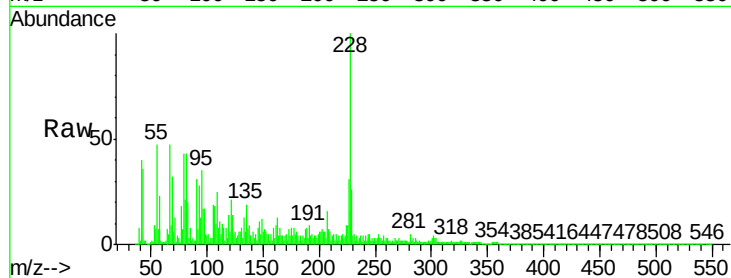
Tot Ion:228 Resp: 2239902

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	26.2	15.5	23.3

228 100

226 31.1 23.4 35.2

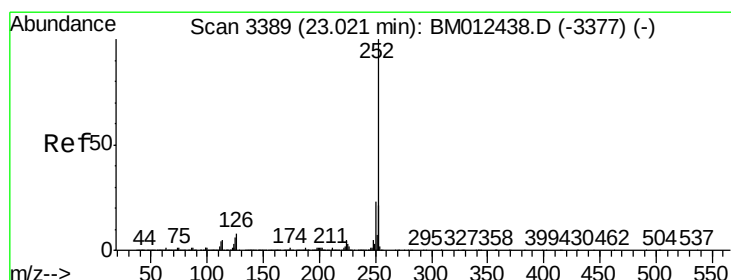
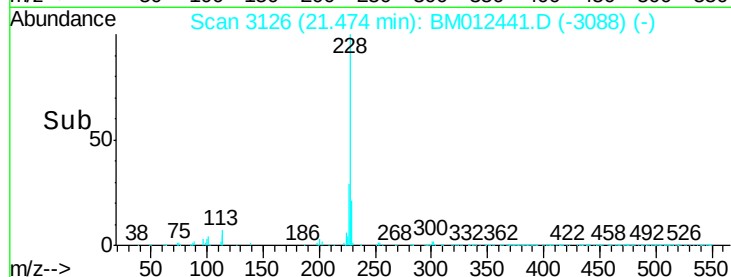
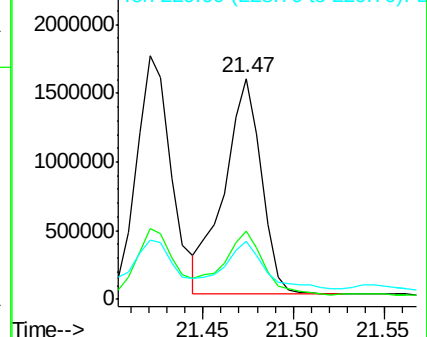
229 26.2 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 14.24 ng/ul

RT: 23.05 min Scan# 3394

Delta R.T. 0.03 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

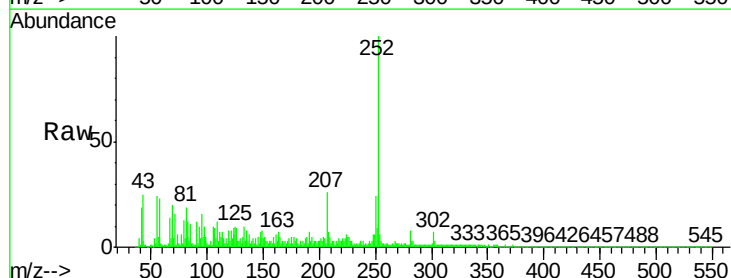
Tgt Ion:252 Resp: 3236778

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	10.2	3.6	5.4

252 100

253 24.6 17.9 26.9

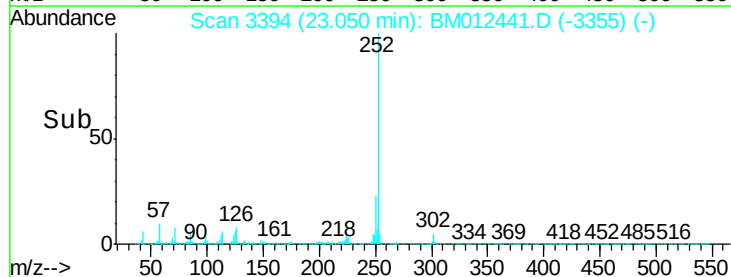
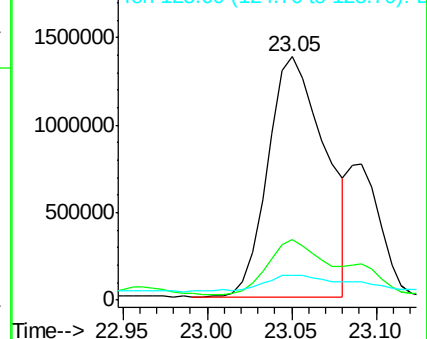
125 10.2 3.6 5.4

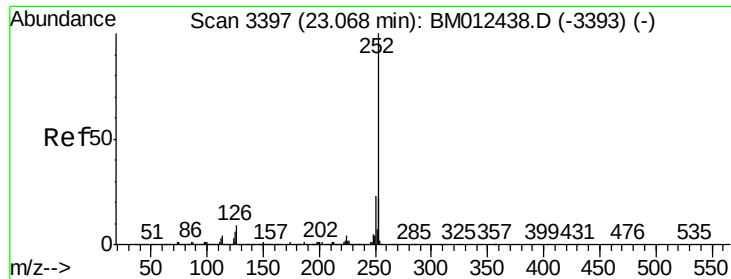


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

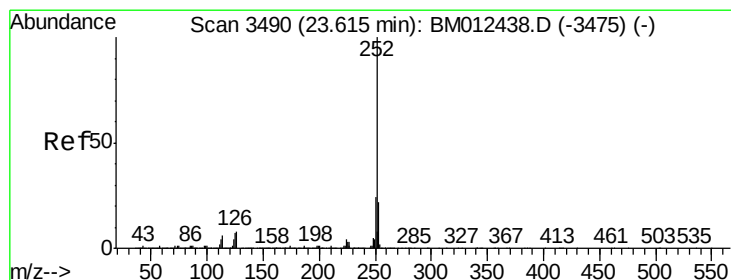
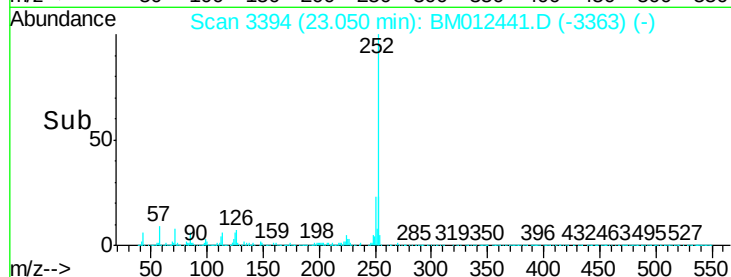
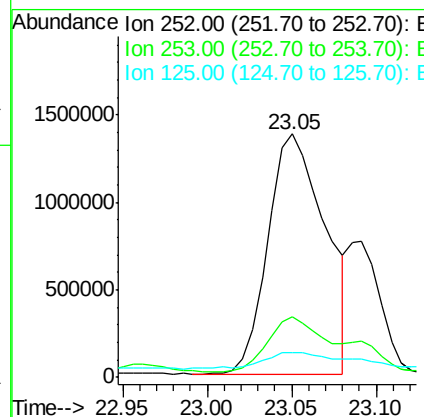
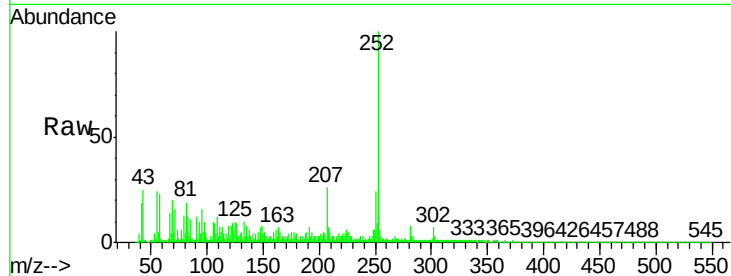




#86
Benzo(k)fluoranthene
Concen: 15.13 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. -0.02 min
Lab File: BM012441.D
Acq: 25 Oct 2017 12:27

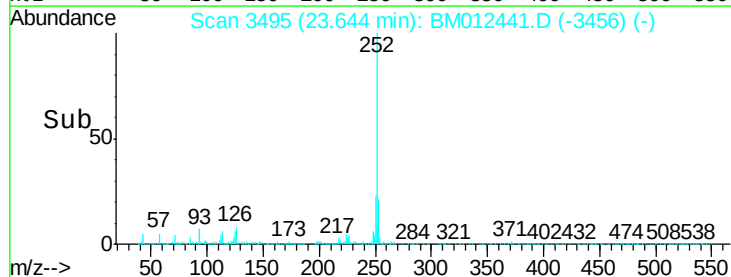
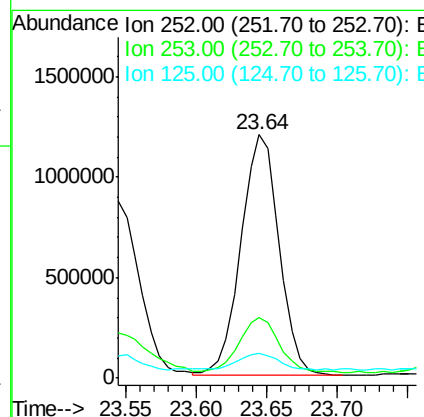
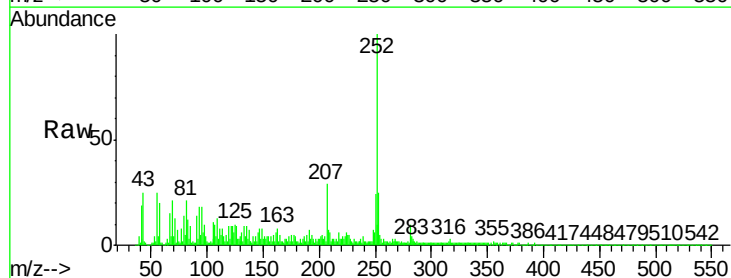
Instrument :
BNA_M
ClientSampleId :

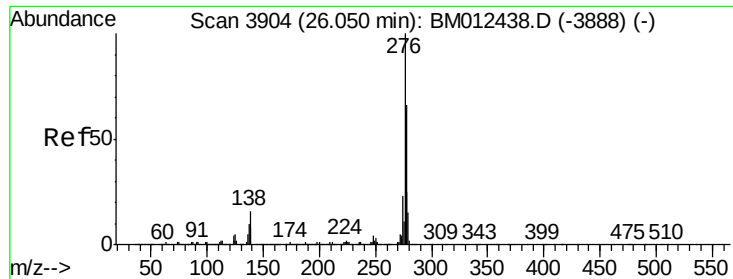
Tot Ion:252 Resp: 3236778
Ion Ratio Lower Upper
252 100
253 24.6 17.1 25.7
125 10.2 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 10.41 ng/ul
RT: 23.64 min Scan# 3495
Delta R.T. 0.03 min
Lab File: BM012441.D
Acq: 25 Oct 2017 12:27

Tgt Ion:252 Resp: 2257348
Ion Ratio Lower Upper
252 100
253 24.8 18.2 27.2
125 10.2 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 6.75 ng/ul

RT: 26.10 min Scan# 3913

Delta R.T. 0.05 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Instrument :

BNA_M

ClientSampleId :

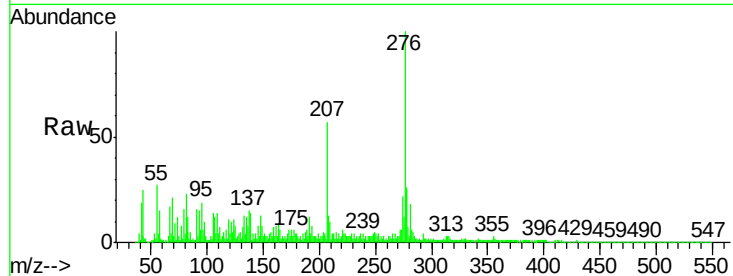
Tot Ion:276 Resp: 1721515

Ion Ratio Lower Upper

276 100

138 14.3 9.3 13.9#

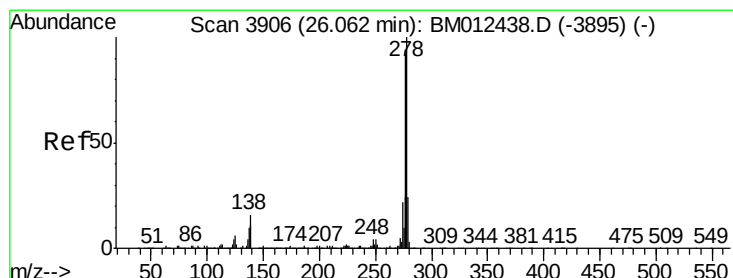
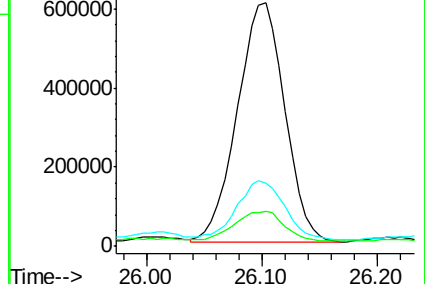
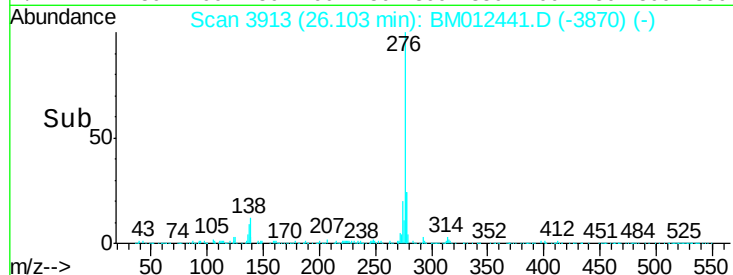
277 26.0 19.9 29.9



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



#90

Dibenzo(a,h)anthracene

Concen: 2.17 ng/ul

RT: 26.10 min Scan# 3913

Delta R.T. 0.04 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

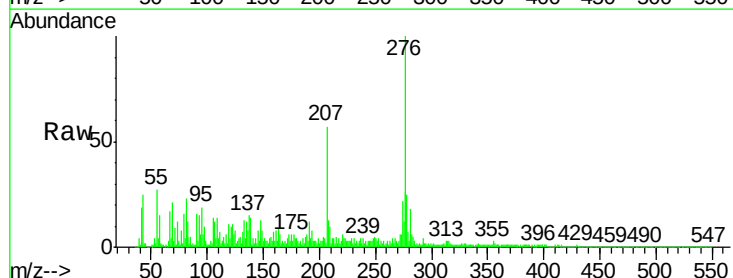
Tgt Ion:278 Resp: 468551

Ion Ratio Lower Upper

278 100

139 20.0 5.8 8.8#

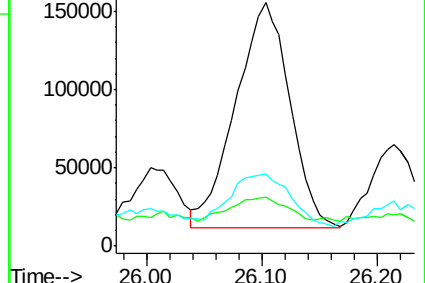
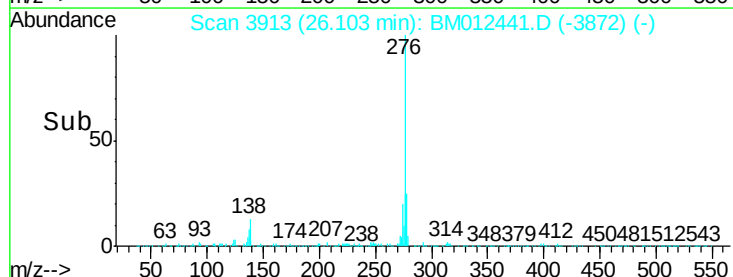
279 29.4 18.6 27.8#

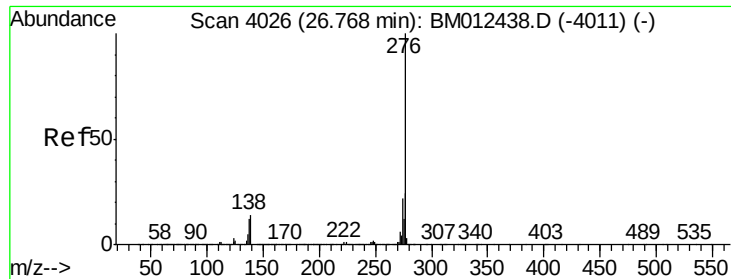


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 6.45 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. 0.05 min

Lab File: BM012441.D

Acq: 25 Oct 2017 12:27

Instrument :

BNA_M

ClientSampleId :

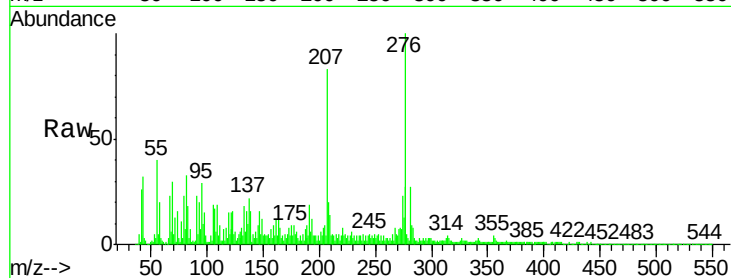
Tot Ion:276 Resp: 1334068

Ion Ratio Lower Upper

276 100

138 15.8 8.5 12.7#

277 27.3 18.6 28.0



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

