

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012445.D
 Acq On : 25 Oct 2017 14:53
 Operator : SJ/JU
 Sample : I5719-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 01:12:39 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	744820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	3038352	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1840023	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3849039	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	3116240	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3325161	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	38024	2.61	ng/uL	0.00
5) Phenol-d5	7.05	99	978496	15.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	607040	16.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	808429	17.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	725988	13.65	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	398530	20.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	441296	22.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	871371	16.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	307318	5.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2756616	17.15	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	3395931	17.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	288272	12.06	ng/ul	0.01
57) Fluorene-d10	15.50	176	2377091	17.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	78953	4.24	ng/ul	0.01
70) Anthracene-d10	17.35	188	3340057	18.21	ng/ul	0.00
76) Pyrene-d10	19.64	212	2966136	20.75	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	2786069	17.64	ng/ul	0.02

Target Compounds

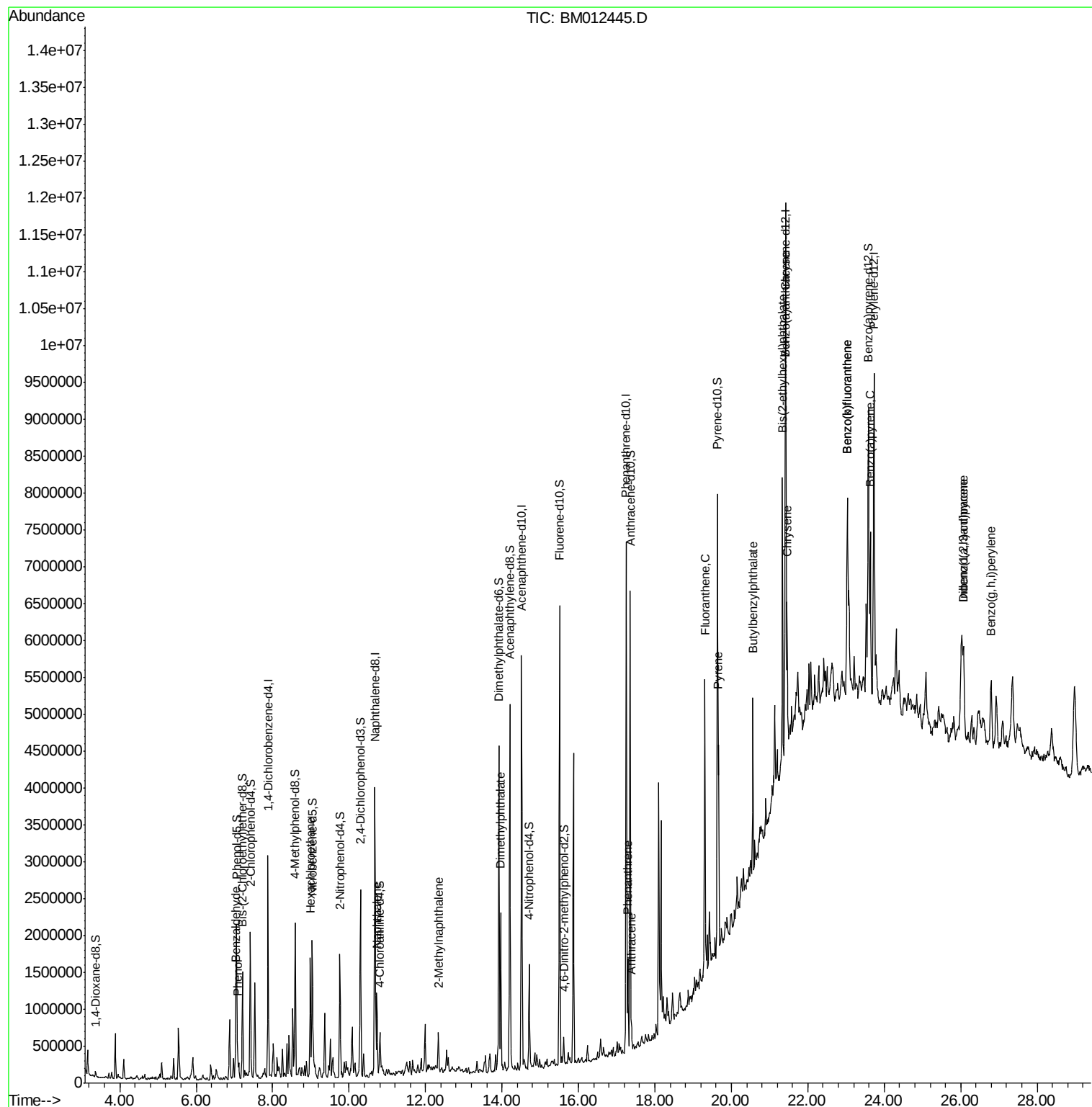
						Ovalue
4) Benzaldehyde	7.03	77	41277	1.22	ng/ul#	21
6) Phenol	7.08	94	183130	2.83	ng/ul	88
17) Hexachloroethane	8.99	117	164312	8.13	ng/ul#	1
28) Naphthalene	10.72	128	756878	5.02	ng/ul	99
34) 2-Methylnaphthalene	12.33	142	231848	1.90	ng/ul	97
44) Dimethylphthalate	13.97	163	1312746	8.26	ng/ul	98
69) Phenanthrene	17.29	178	776733	3.73	ng/ul	99
71) Anthracene	17.39	178	279149	1.30	ng/ul	99
74) Fluoranthene	19.30	202	2053361	8.71	ng/ul#	95
77) Pyrene	19.66	202	1804517	10.18	ng/ul#	94
78) Butylbenzylphthalate	20.56	149	508072	7.28	ng/ul	93
80) Benzo(a)anthracene	21.40	228	1162867	6.23	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.34	149	1252744	11.79	ng/ul	99
82) Chrysene	21.46	228	1109054	6.68	ng/ul	97
85) Benzo(b)fluoranthene	23.03	252	1949765	9.49	ng/ul#	93
86) Benzo(k)fluoranthene	23.03	252	1949765	10.08	ng/ul#	91
88) Benzo(a)pyrene	23.63	252	1354604	6.91	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.08	276	1254907	5.44	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.09	278	324142	1.66	ng/ul#	78
91) Benzo(g,h,i)perylene	26.80	276	1233224	6.60	ng/ul#	92

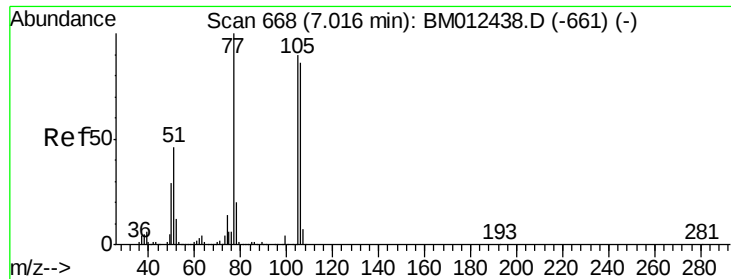
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.22 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

ClientSampled :

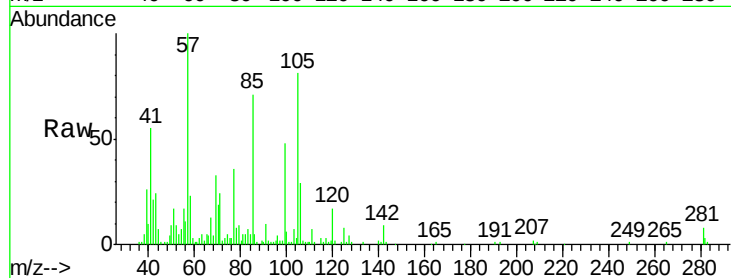
Tot Ion: 77 Resp: 41277

Ion Ratio Lower Upper

77 100

105 222.5 66.1 99.1#

106 80.5 67.8 101.6

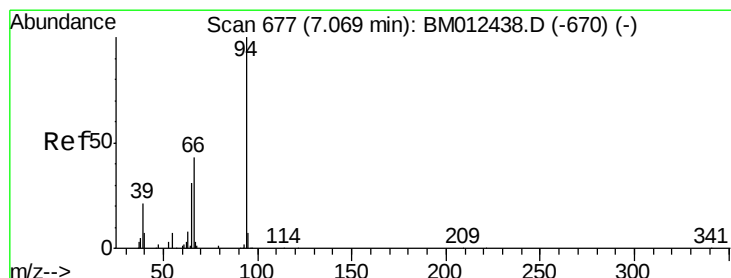
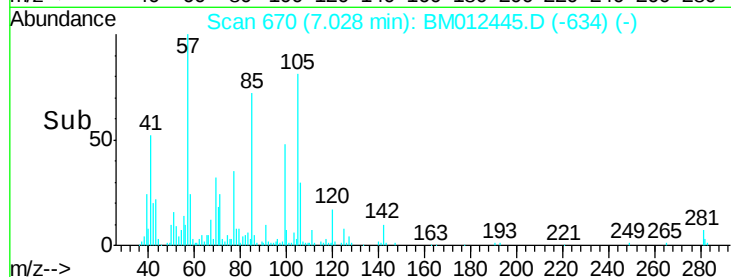
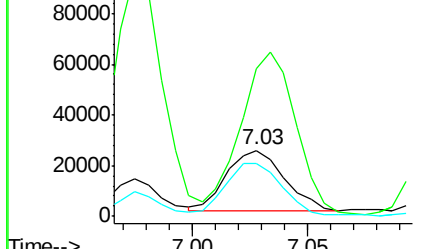


Abundance Ion 77.00 (76.70 to 77.70): BM012438.D (-661) (-)

Ion 105.00 (104.70 to 105.70): BM012438.D (-661) (-)

Ion 106.00 (105.70 to 106.70): BM012438.D (-661) (-)

Time-->



#6

Phenol

Concen: 2.83 ng/ul

RT: 7.08 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

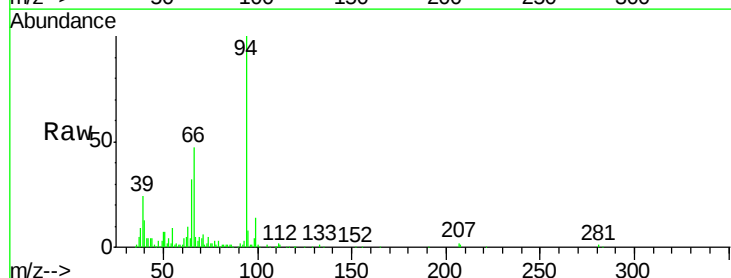
Tgt Ion: 94 Resp: 183130

Ion Ratio Lower Upper

94 100

65 32.0 28.2 42.4

66 47.3 47.2 70.8

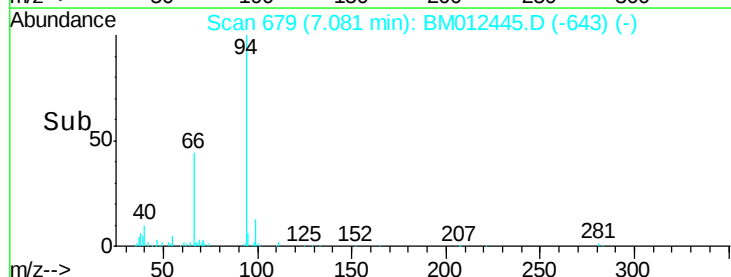
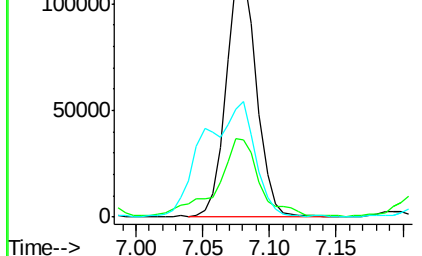


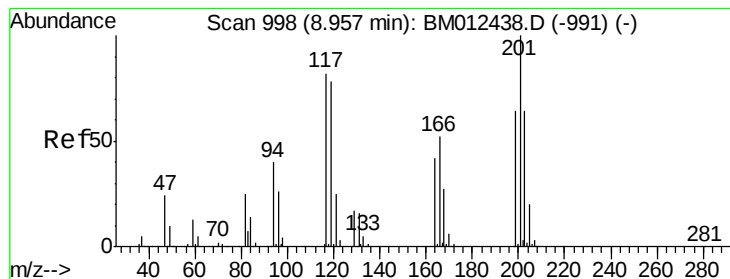
Abundance Ion 94.00 (93.70 to 94.70): BM012438.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM012438.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM012438.D (-670) (-)

Time-->





#17

Hexachloroethane

Concen: 8.13 ng/ul

RT: 8.99 min Scan# 1003

Delta R.T. 0.03 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

ClientSampled :

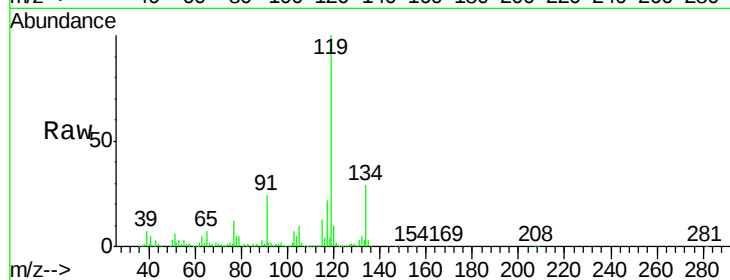
Tot Ion:117 Resp: 164312

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

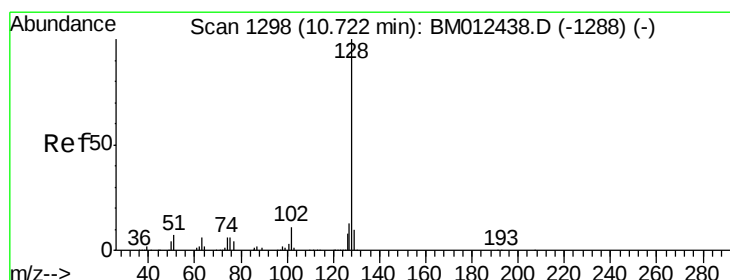
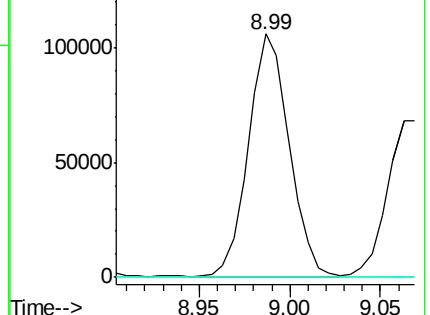
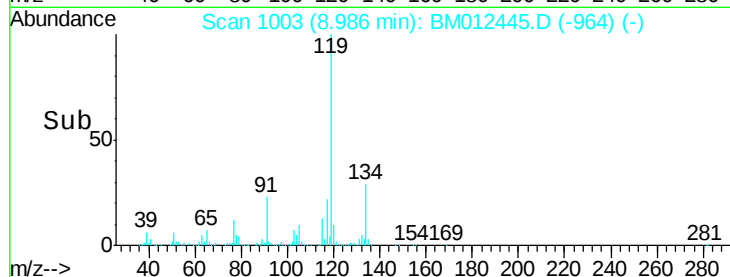
199 0.0 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 5.02 ng/ul

RT: 10.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

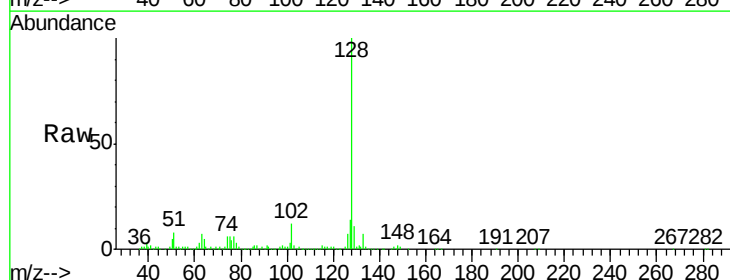
Tgt Ion:128 Resp: 756878

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

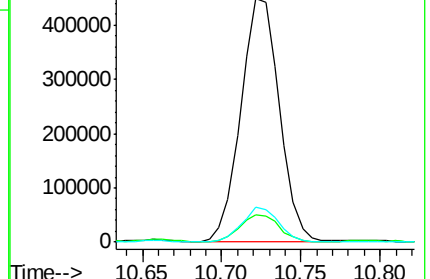
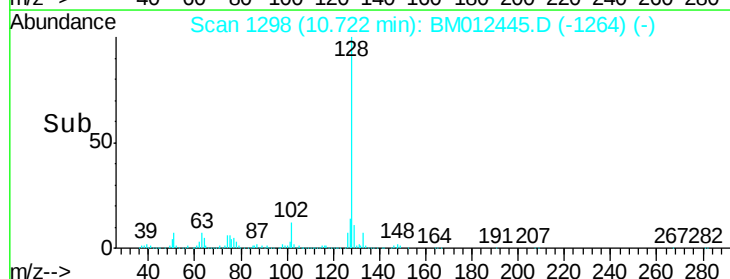
127 14.1 10.6 16.0

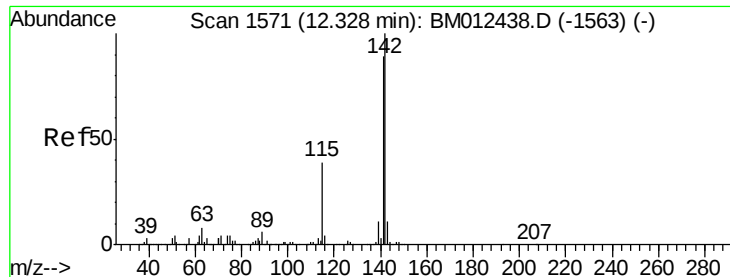


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

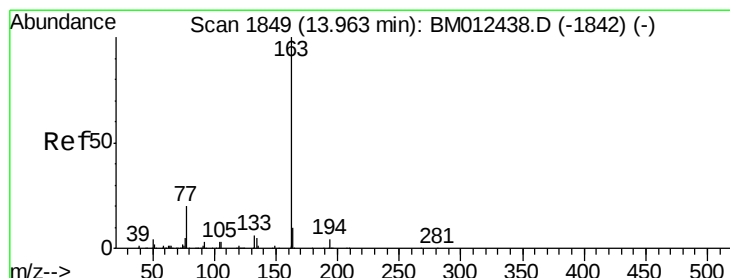
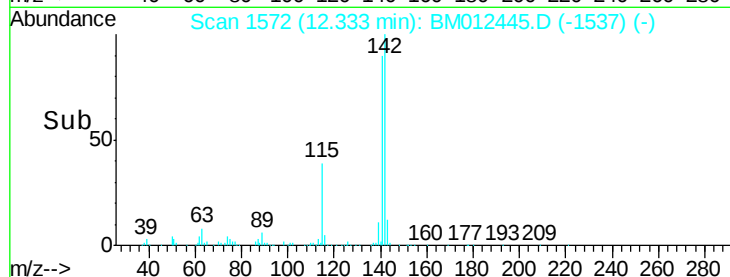
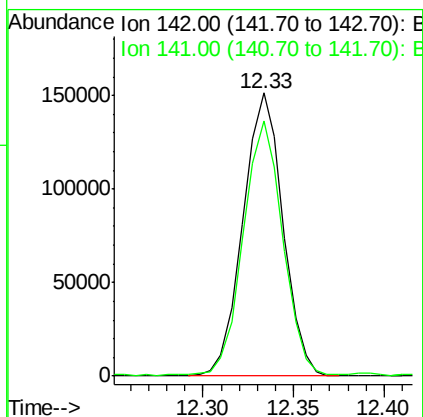
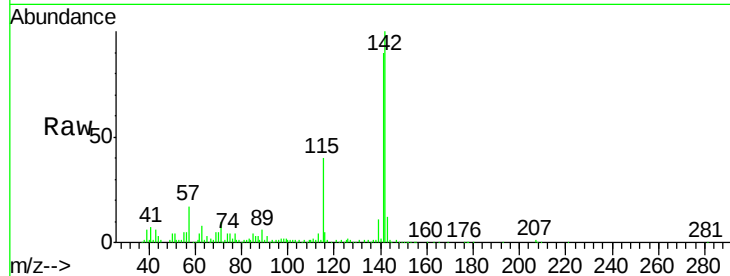




#34
2-Methylnaphthalene
Concen: 1.90 ng/ul
RT: 12.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

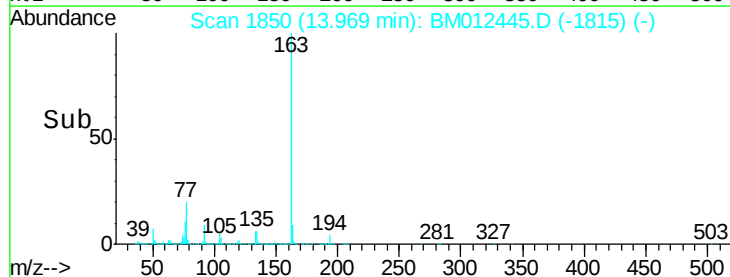
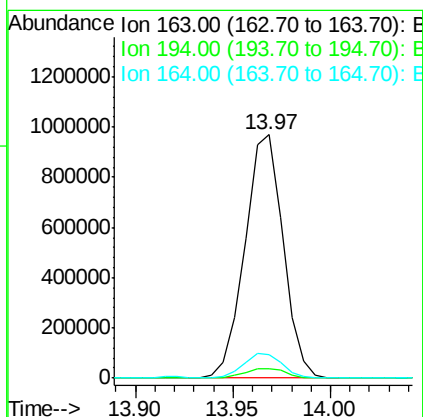
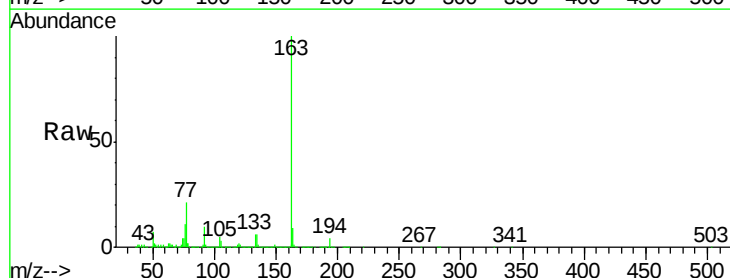
Instrument :
BNA_M
ClientSampleId :

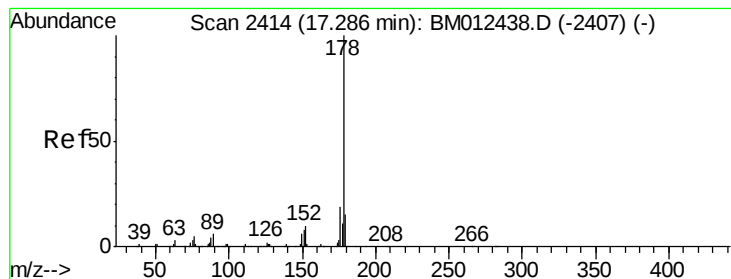
Tot Ion:142 Resp: 231848
Ion Ratio Lower Upper
142 100
141 90.2 74.1 111.1



#44
Dimethylphthalate
Concen: 8.26 ng/ul
RT: 13.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

Tgt Ion:163 Resp: 1312746
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.5 8.2 12.4





#69

Phenanthrene

Concen: 3.73 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

ClientSampleId :

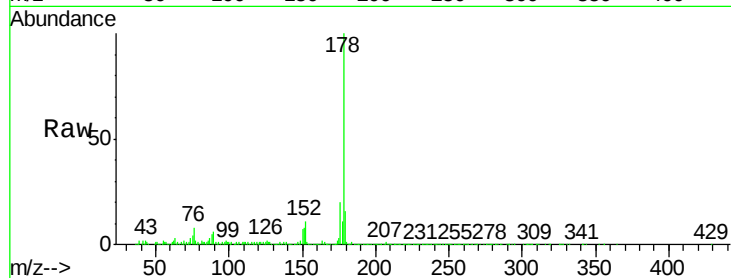
Tot Ion:178 Resp: 776733

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

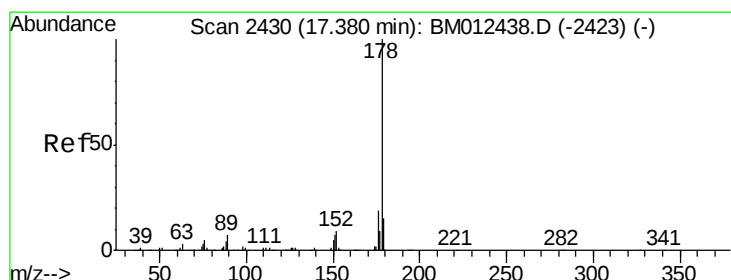
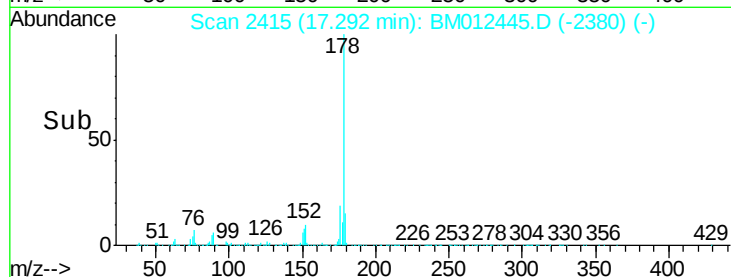
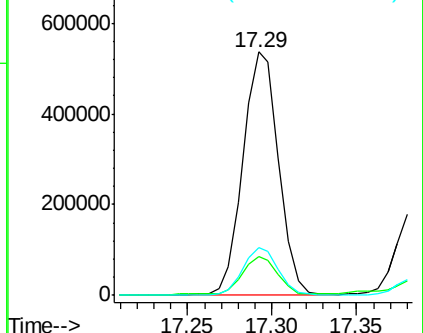
176 19.6 14.9 22.3



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: 1.30 ng/ul

RT: 17.39 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

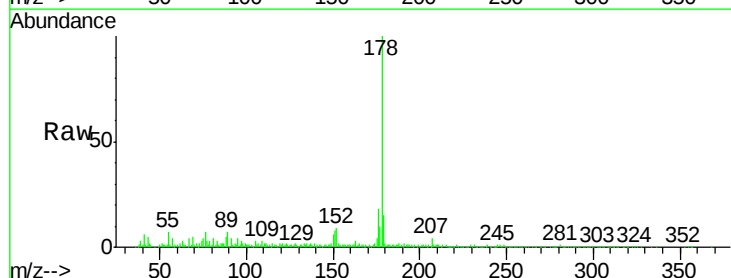
Tgt Ion:178 Resp: 279149

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

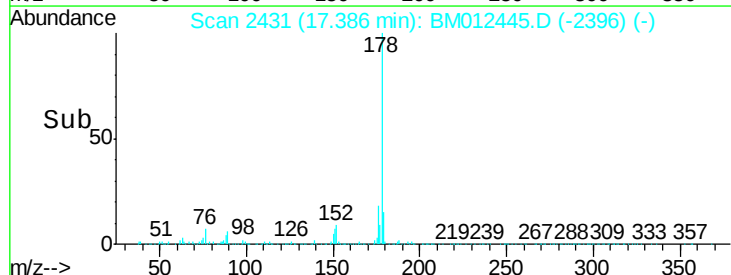
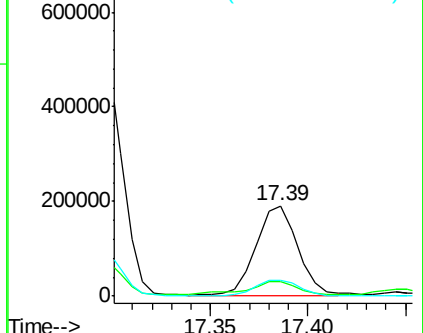
176 18.1 14.6 21.8

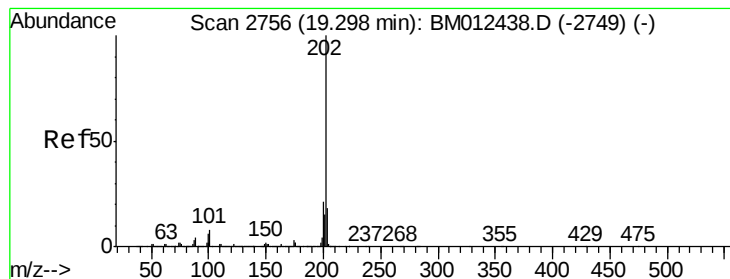


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 8.71 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

ClientSampleId :

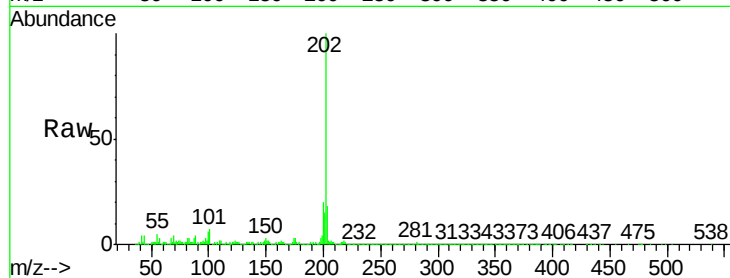
Tot Ion:202 Resp: 2053361

Ion Ratio Lower Upper

202 100

101 7.5 4.6 7.0#

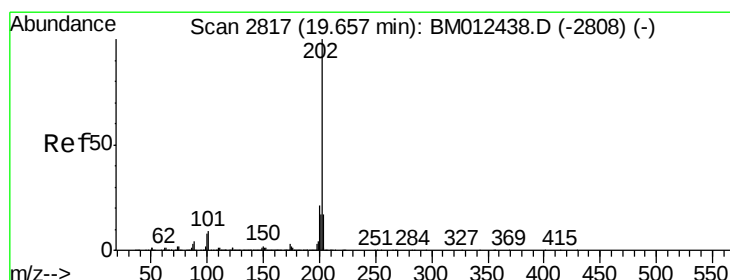
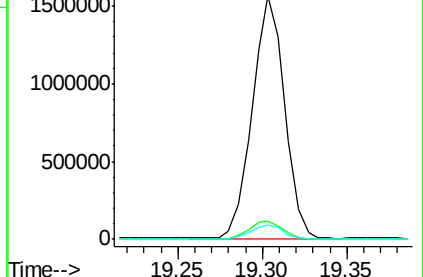
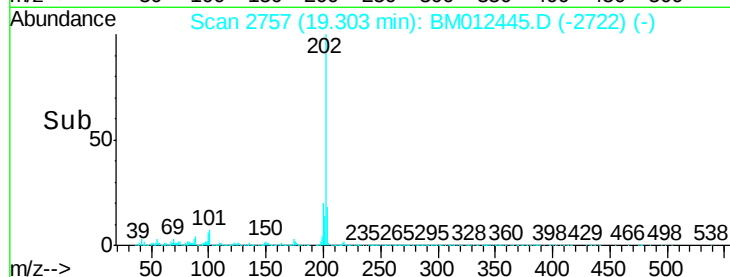
100 5.9 3.4 5.2#



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: 10.18 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

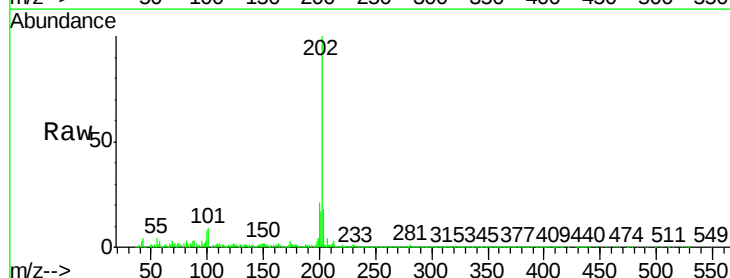
Tgt Ion:202 Resp: 1804517

Ion Ratio Lower Upper

202 100

101 8.9 5.1 7.7#

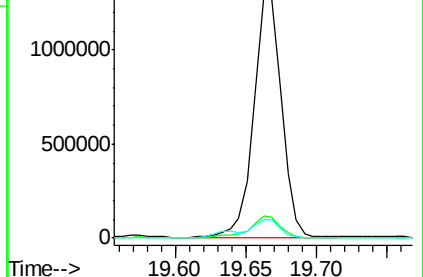
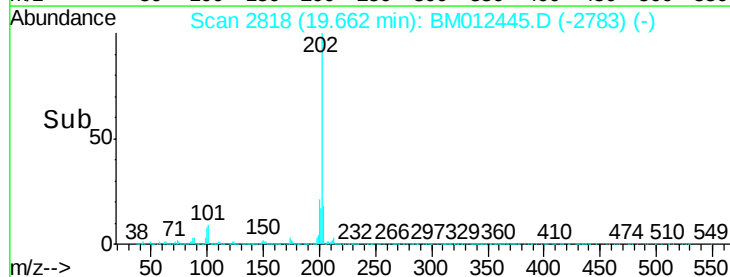
100 7.7 4.9 7.3#

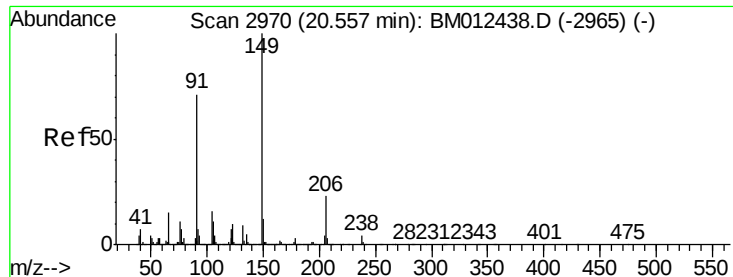


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

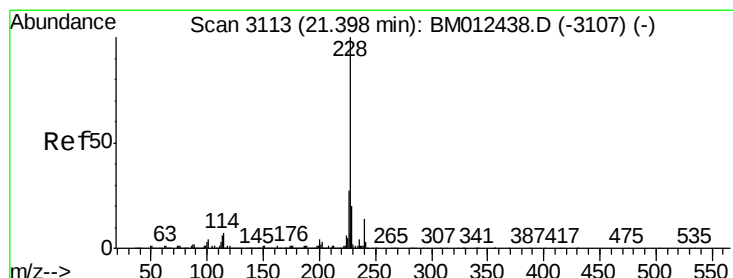
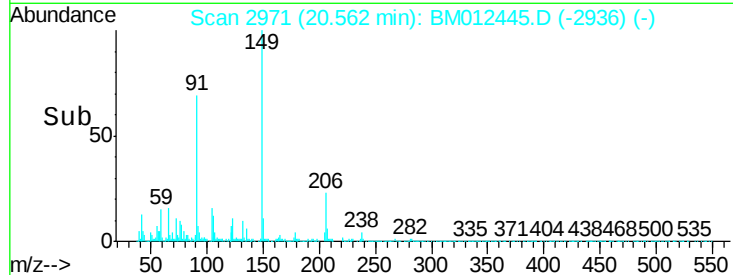
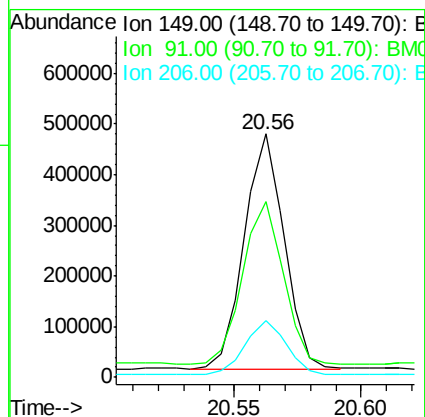
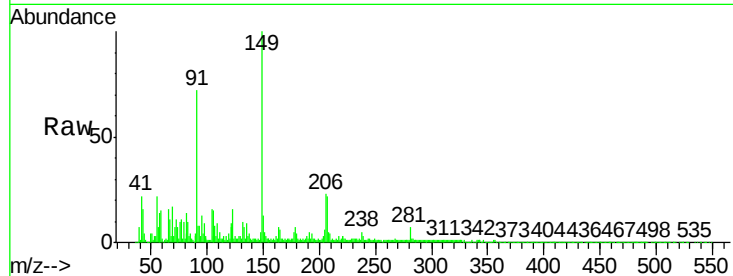




#78
 Butylbenzylphthalate
 Concen: 7.28 ng/ul
 RT: 20.56 min Scan# 2971
 Delta R.T. 0.01 min
 Lab File: BM012445.D
 Acq: 25 Oct 2017 14:53

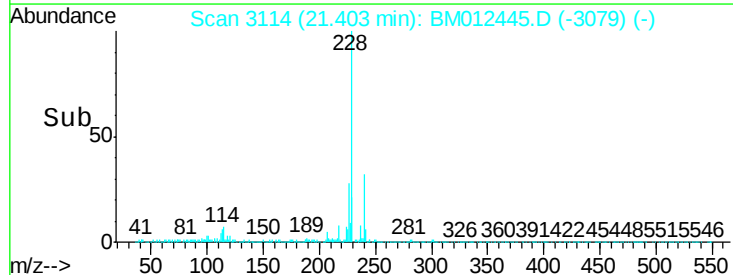
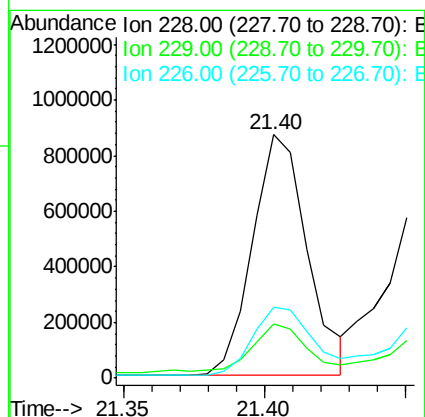
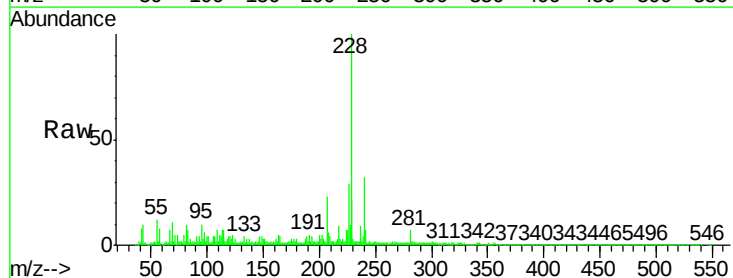
Instrument :
 BNA_M
 ClientSampleId :

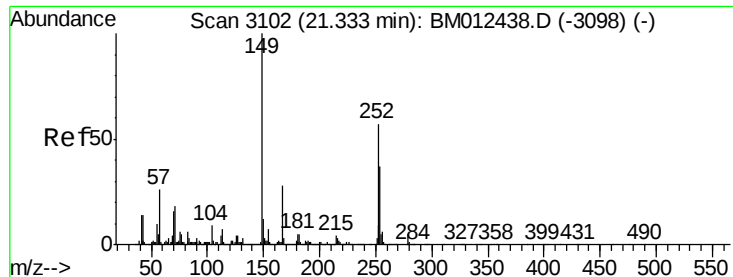
Tot Ion:149 Resp: 508072
 Ion Ratio Lower Upper
 149 100
 91 72.3 62.7 94.1
 206 23.4 20.8 31.2



#80
 Benzo(a)anthracene
 Concen: 6.23 ng/ul
 RT: 21.40 min Scan# 3114
 Delta R.T. 0.01 min
 Lab File: BM012445.D
 Acq: 25 Oct 2017 14:53

Tgt Ion:228 Resp: 1162867
 Ion Ratio Lower Upper
 228 100
 229 22.1 15.4 23.0
 226 29.1 21.4 32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 11.79 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

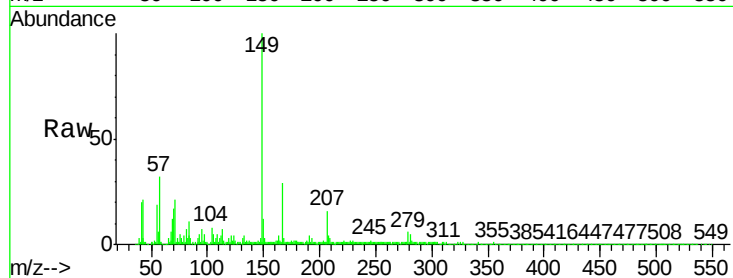
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 1252744

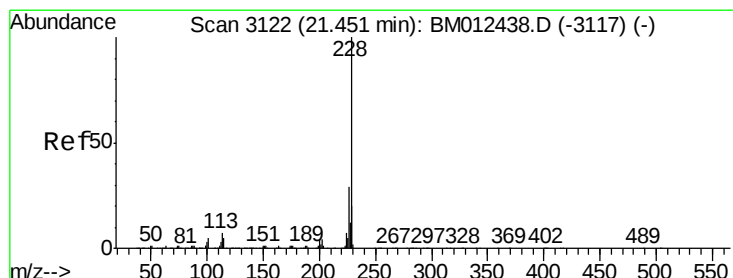
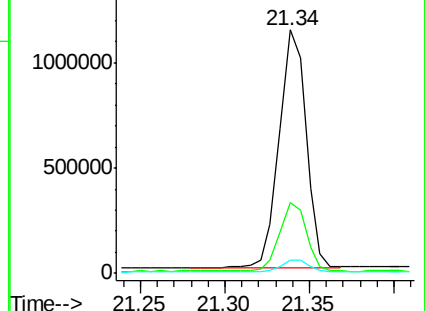
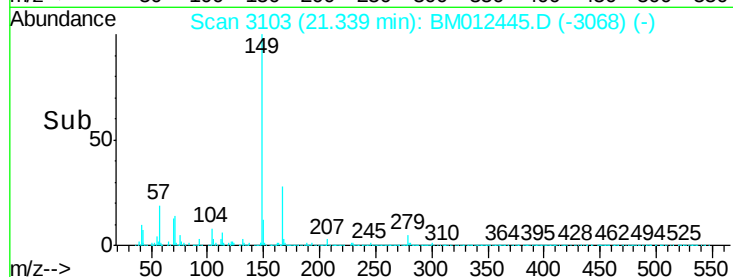
Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.8	34.2
279	5.6	4.9	7.3



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: 6.68 ng/ul

RT: 21.46 min Scan# 3123

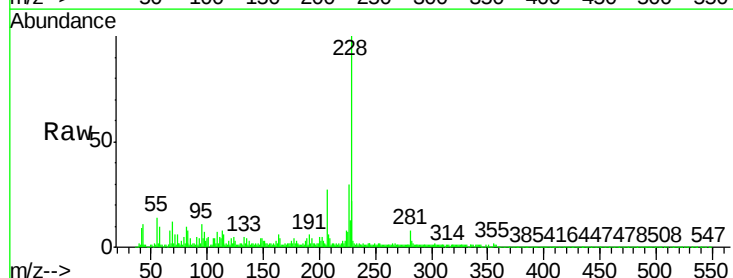
Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Tgt Ion:228 Resp: 1109054

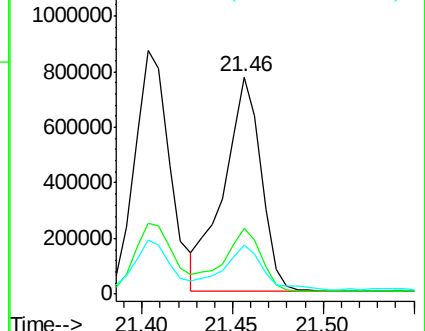
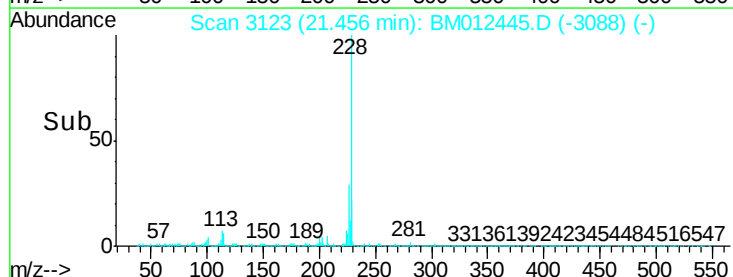
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.4	15.5	23.3

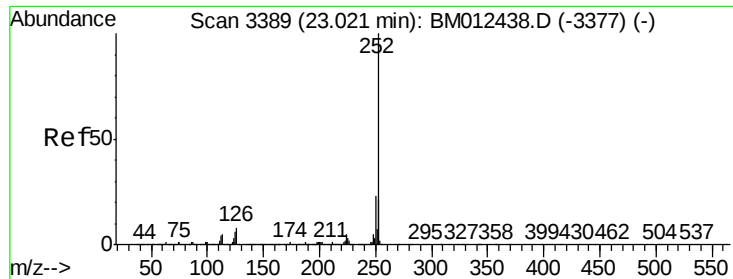


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

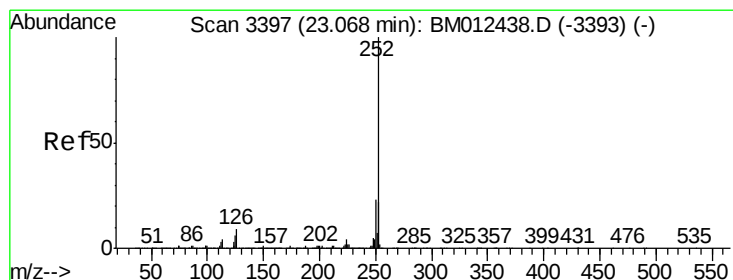
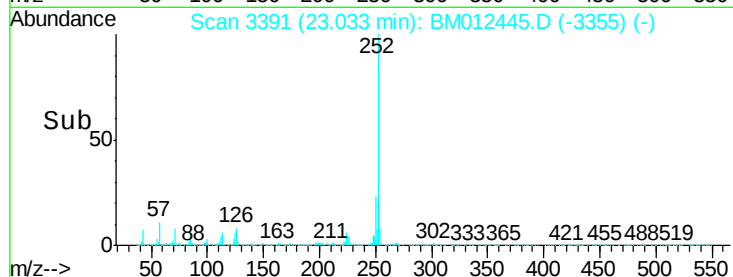
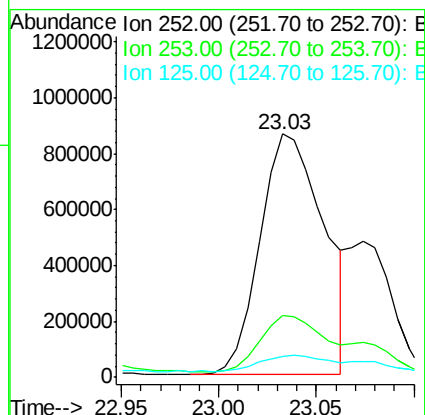
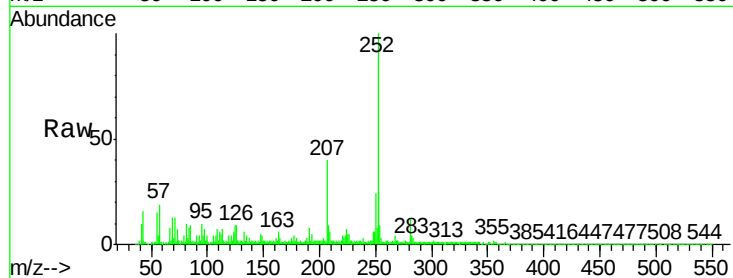




#85
Benzo(b)fluoranthene
Concen: 9.49 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

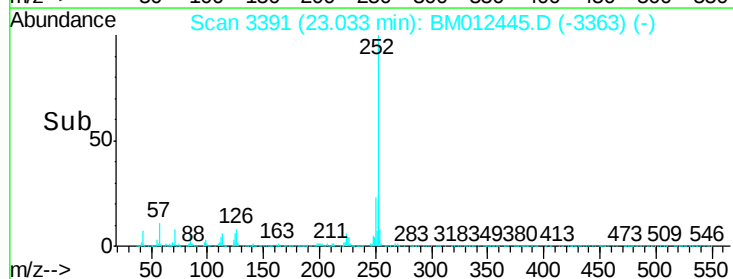
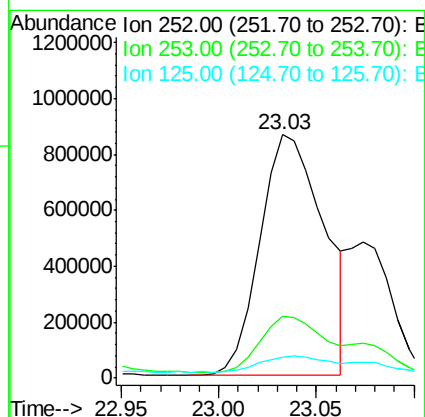
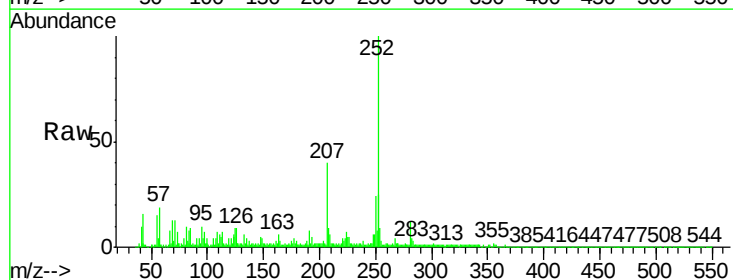
Instrument :
BNA_M
ClientSampleId :

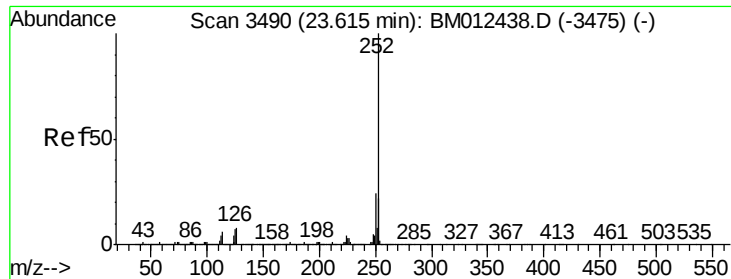
Tot Ion:252 Resp: 1949765
Ion Ratio Lower Upper
252 100
253 25.3 17.9 26.9
125 8.6 3.6 5.4#



#86
Benzo(k)fluoranthene
Concen: 10.08 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.04 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

Tgt Ion:252 Resp: 1949765
Ion Ratio Lower Upper
252 100
253 25.3 17.1 25.7
125 8.6 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 6.91 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.02 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

ClientSampleId :

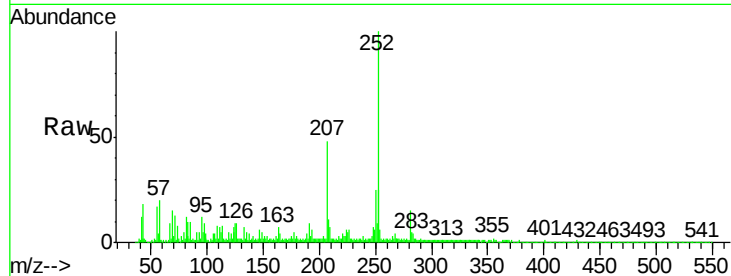
Tot Ion:252 Resp: 1354604

Ion Ratio Lower Upper

252 100

253 24.6 18.2 27.2

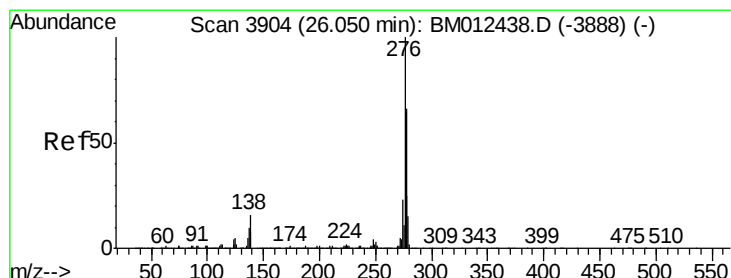
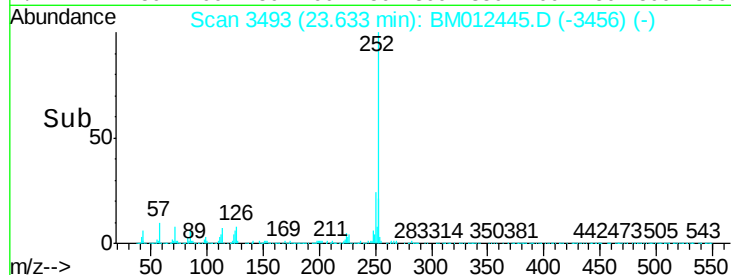
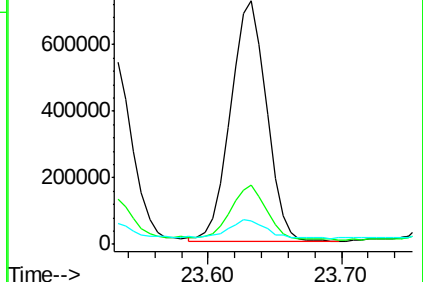
125 9.4 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.44 ng/ul

RT: 26.08 min Scan# 3909

Delta R.T. 0.03 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

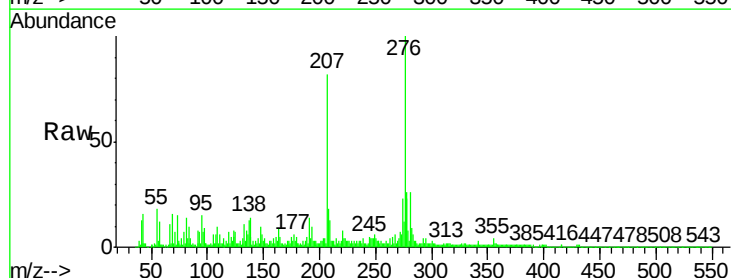
Tgt Ion:276 Resp: 1254907

Ion Ratio Lower Upper

276 100

138 14.0 9.3 13.9#

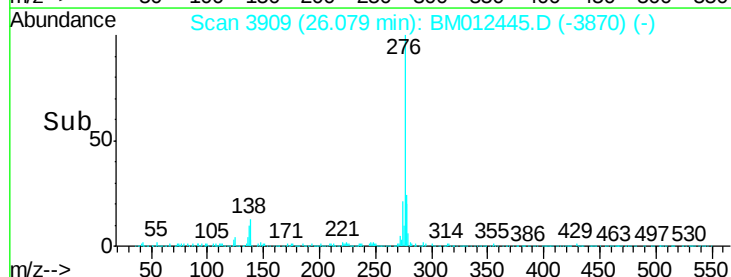
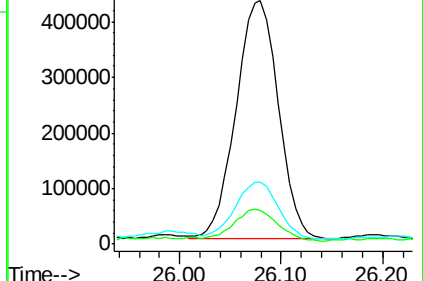
277 25.7 19.9 29.9

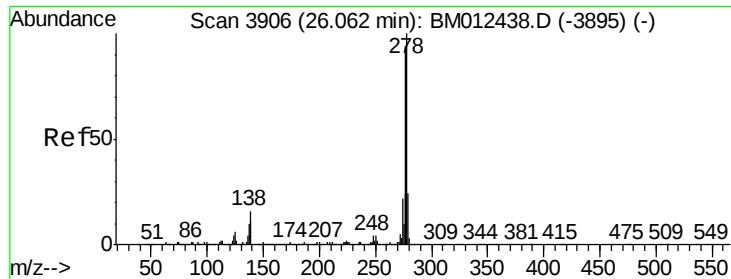


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.66 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. 0.02 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

ClientSampleId :

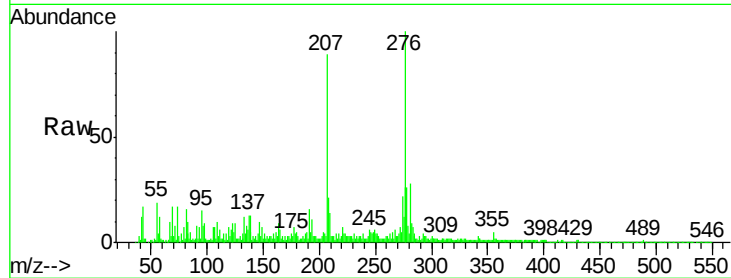
Tot Ion:278 Resp: 324142

Ion Ratio Lower Upper

278 100

139 18.1 5.8 8.8#

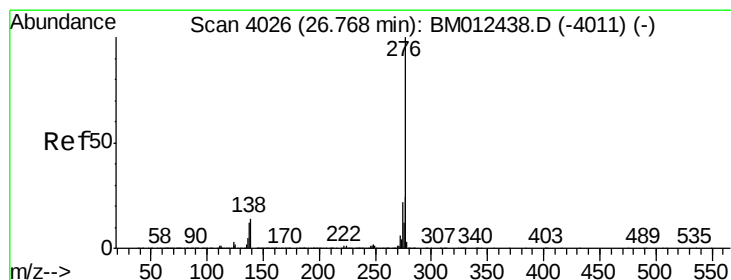
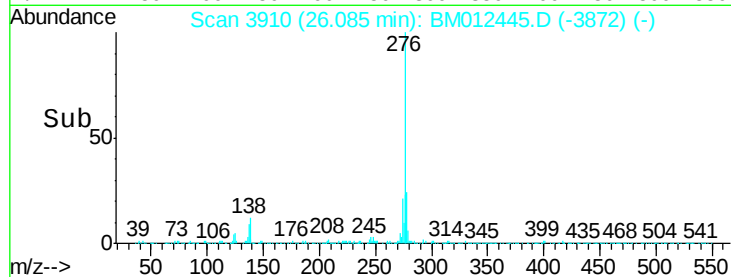
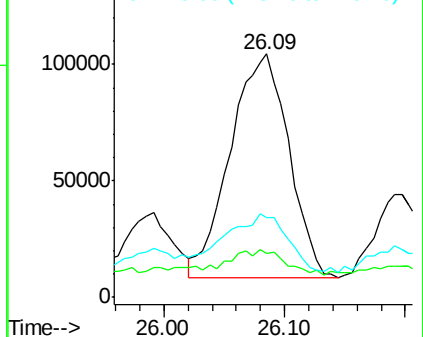
279 32.8 18.6 27.8#



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(g,h,i)perylene

Concen: 6.60 ng/ul

RT: 26.80 min Scan# 4031

Delta R.T. 0.03 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

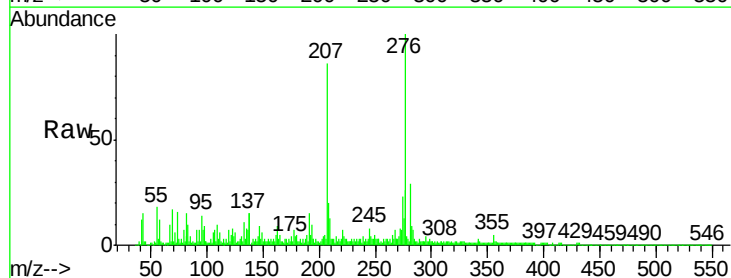
Tgt Ion:276 Resp: 1233224

Ion Ratio Lower Upper

276 100

138 15.2 8.5 12.7#

277 26.5 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

