

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012210.D
 Acq On : 15 Oct 2017 15:50
 Operator : SJ/JU
 Sample : I5772-10DL 50X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2N8DL

Quant Time: Oct 16 02:04:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 01:56:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	152691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	676702	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	436255	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1081053	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	988946	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	868421	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.16	99	1688	0.14	ng/ul	0.18
7) Bis-(2-Chloroethyl)ether-d	7.17	67	708	0.10	ng/ul	0.04
9) 2-Chlorophenol-d4	7.35	132	4503	0.43	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	1671	0.16	ng/ul	0.04
19) Nitrobenzene-d5	9.01	128	1975	0.38	ng/ul	0.04
22) 2-Nitrophenol-d4	9.72	143	2108	0.35	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	1777	0.15	ng/ul	0.05
29) 4-Chloroaniline-d4	10.77	131	792	0.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	25799	0.67	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	31467	0.67	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.46	176	22727	0.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.32	188	44734	0.84	ng/ul	0.00
76) Pyrene-d10	19.61	212	43965	0.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	28165	0.67	ng/ul	0.01

Target Compounds

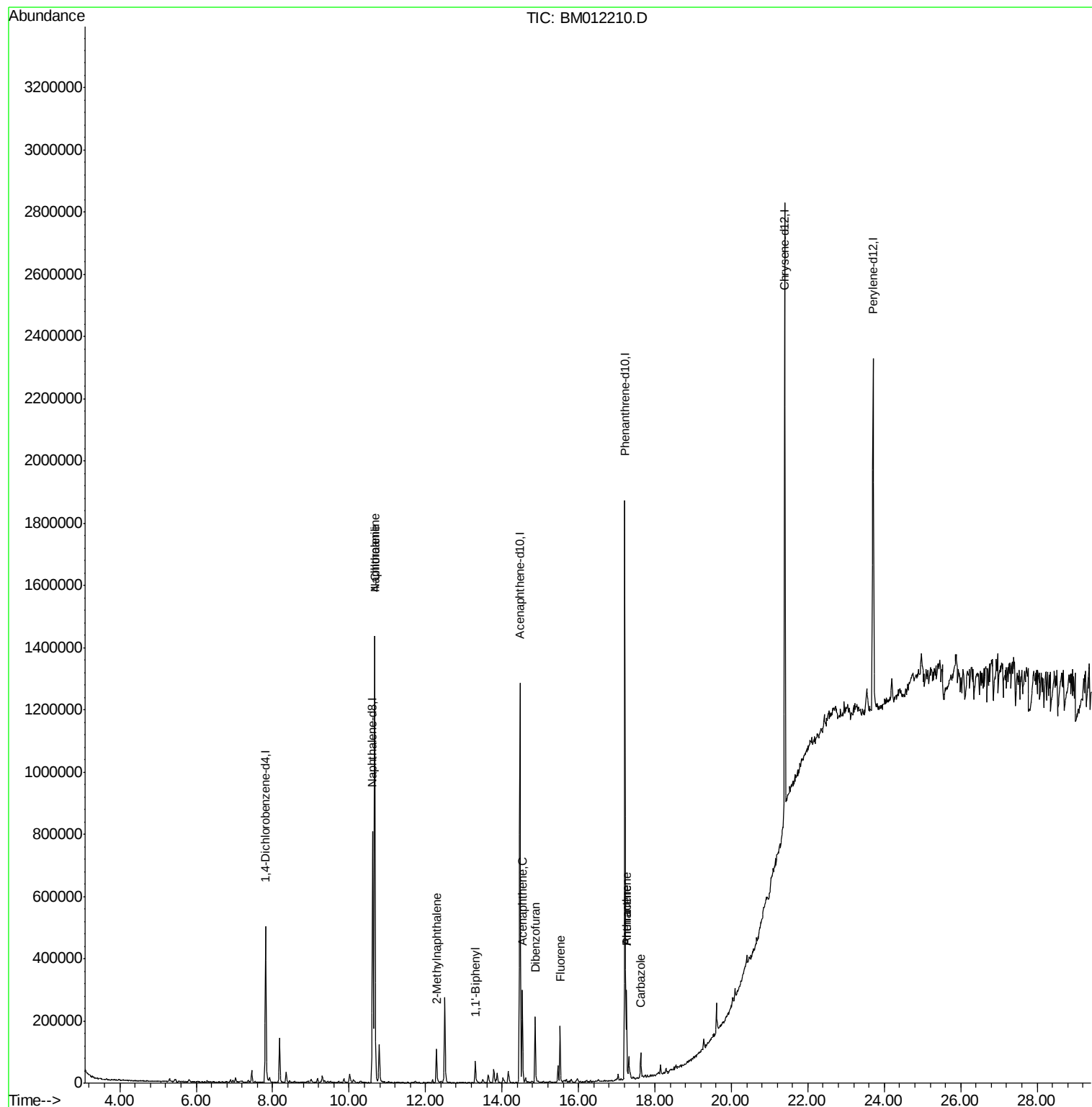
					Ovalue	
28) Naphthalene	10.67	128	1194186	34.109	ng/ul	100
30) 4-Chloroaniline	10.67	127	156910	14.799	ng/ul#	17
34) 2-Methylnaphthalene	12.29	142	58491	2.214	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	44035	1.196	ng/ul#	94
49) Acenaphthene	14.53	153	123863	4.012	ng/ul	99
53) Dibenzofuran	14.87	168	145862	3.281	ng/ul	96
58) Fluorene	15.52	166	88317	2.392	ng/ul	95
69) Phenanthrene	17.26	178	164834	2.680	ng/ul	99
71) Anthracene	17.26	178	164834	2.589	ng/ul	99
72) Carbazole	17.63	167	61619	1.144	ng/ul	99

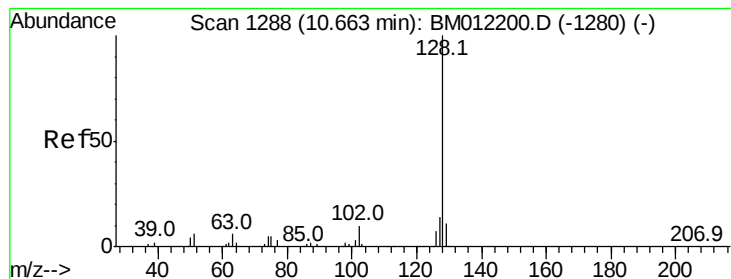
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 01:56:01 2017
Response via : Initial Calibration





#28

Naphthalene

Concen: 34.109 ng/ul

RT: 10.67 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

Instrument :

BNA_M

ClientSampleId :

BE2N8DL

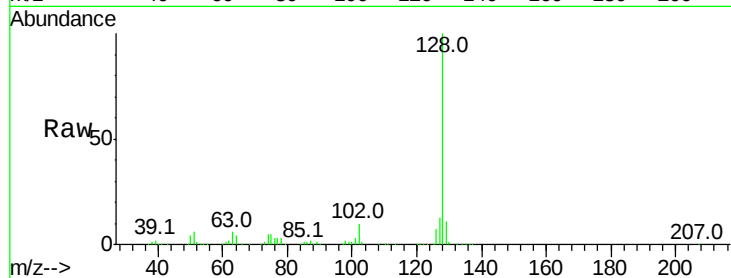
Tot Ion:128 Resp: 1194186

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

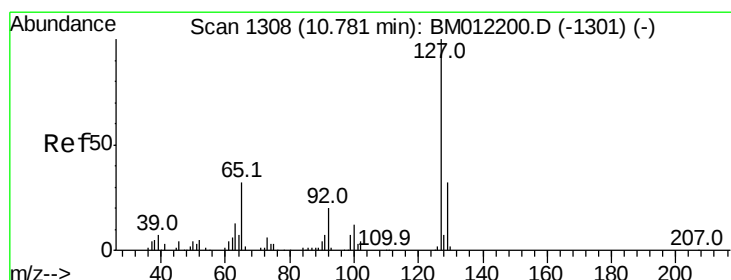
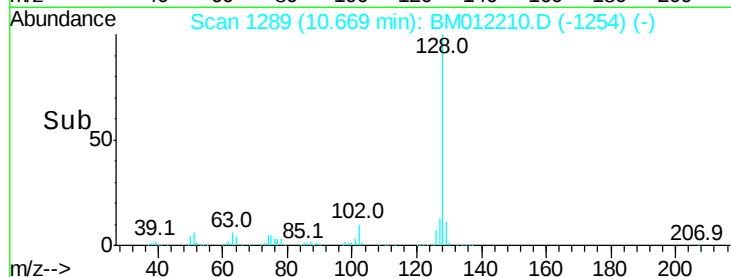
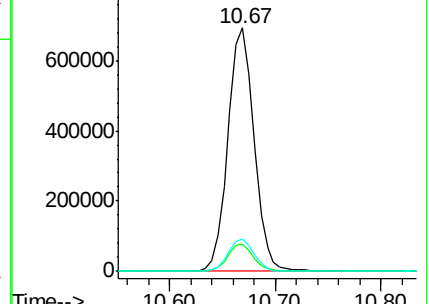
127 13.2 10.6 16.0



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



#30

4-Chloroaniline

Concen: 14.799 ng/ul

RT: 10.67 min Scan# 1289

Delta R.T. -0.11 min

Lab File: BM012210.D

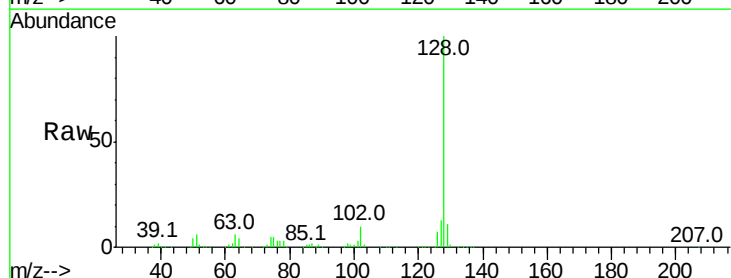
Acq: 15 Oct 2017 15:50

Tgt Ion:127 Resp: 156910

Ion Ratio Lower Upper

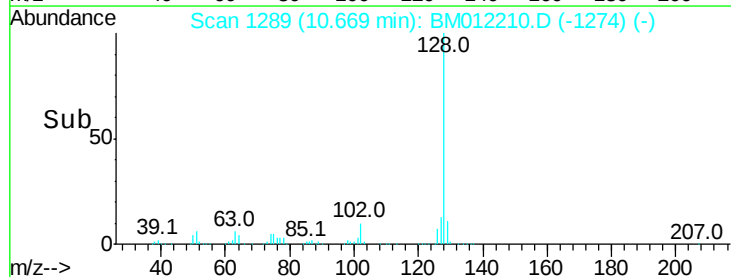
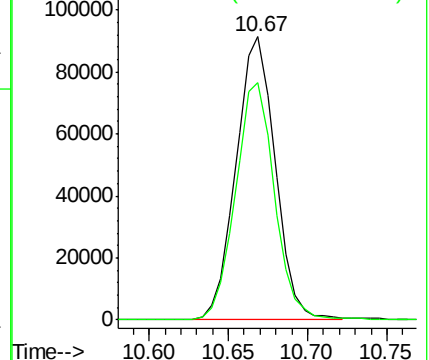
127 100

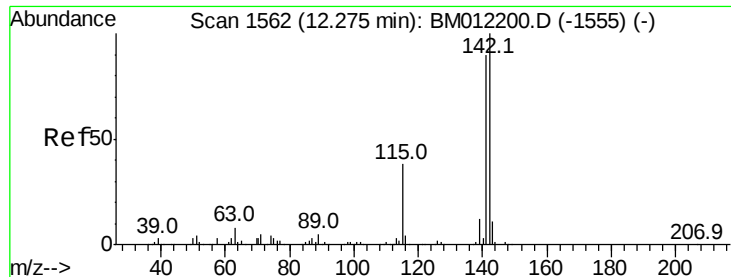
129 83.7 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

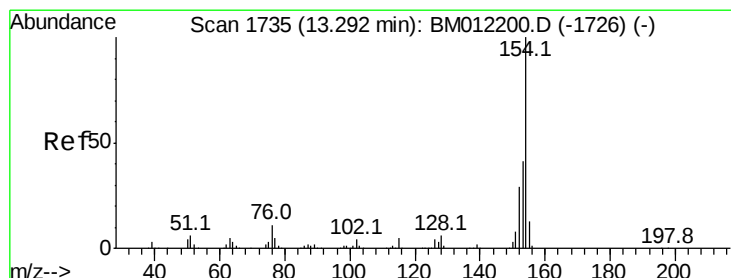
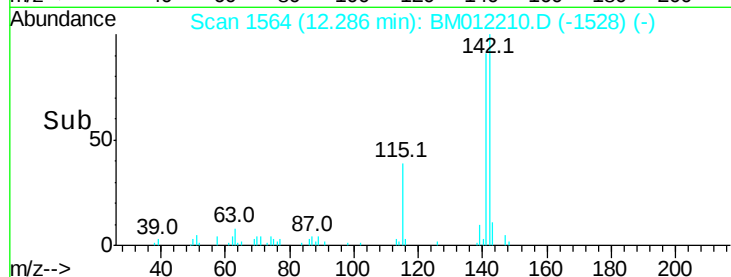
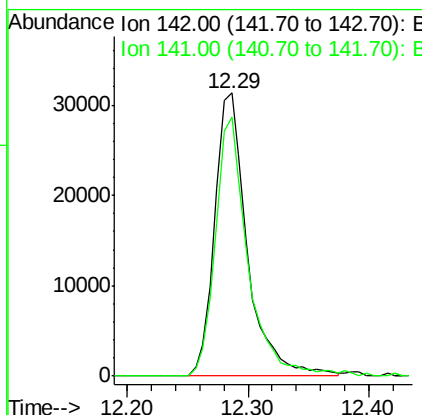
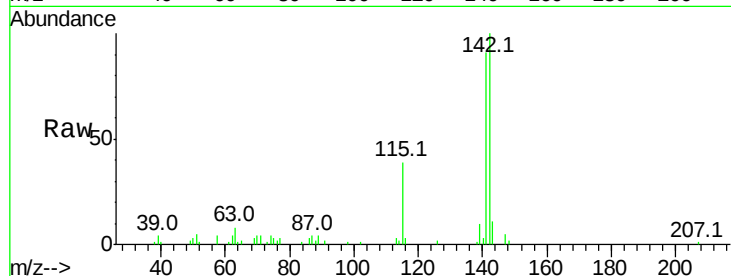




#34
 2-Methylnaphthalene
 Concen: 2.214 ng/ul
 RT: 12.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BM012210.D
 Acq: 15 Oct 2017 15:50

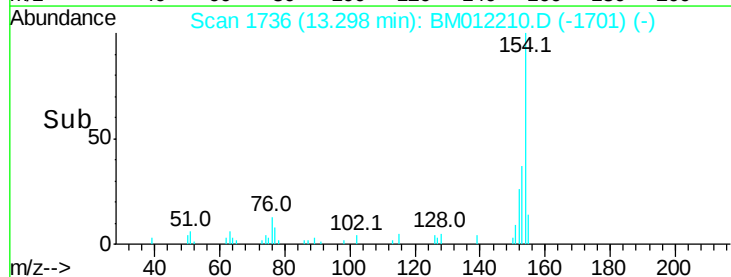
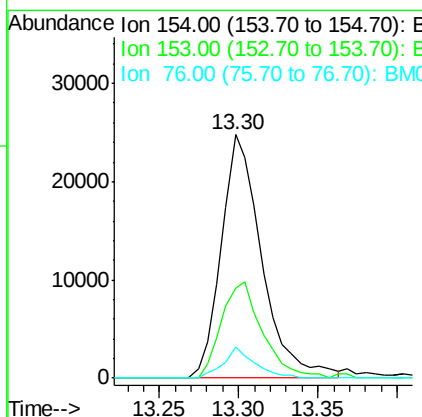
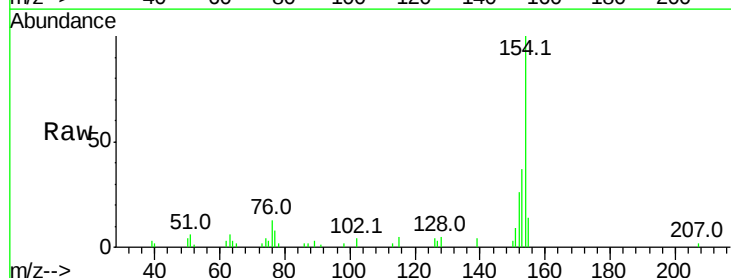
Instrument :
 BNA_M
 ClientSampleId :
 BE2N8DL

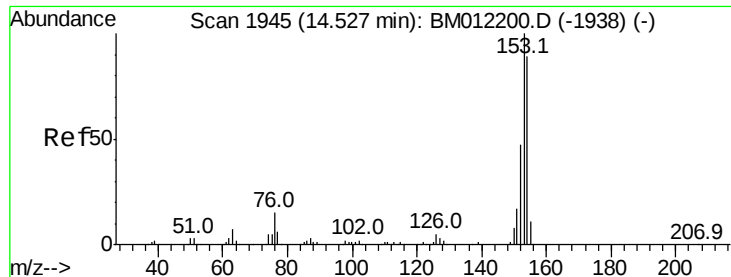
Tot Ion:142 Resp: 58491
 Ion Ratio Lower Upper
 142 100
 141 91.5 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 1.196 ng/ul
 RT: 13.30 min Scan# 1736
 Delta R.T. 0.01 min
 Lab File: BM012210.D
 Acq: 15 Oct 2017 15:50

Tgt Ion:154 Resp: 44035
 Ion Ratio Lower Upper
 154 100
 153 37.2 32.6 48.8
 76 13.0 8.5 12.7#





#49

Acenaphthene

Concen: 4.012 ng/ul

RT: 14.53 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

Instrument :

BNA_M

ClientSampleId :

BE2N8DL

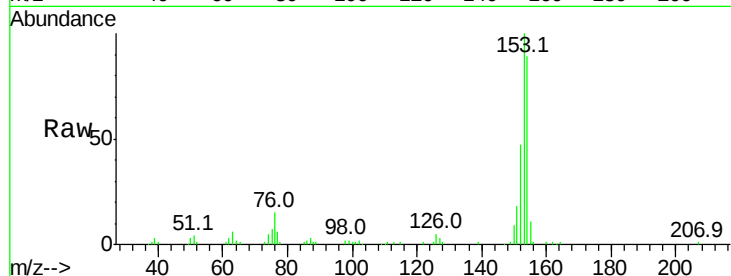
Tot Ion:153 Resp: 123863

Ion Ratio Lower Upper

153 100

152 46.7 37.6 56.4

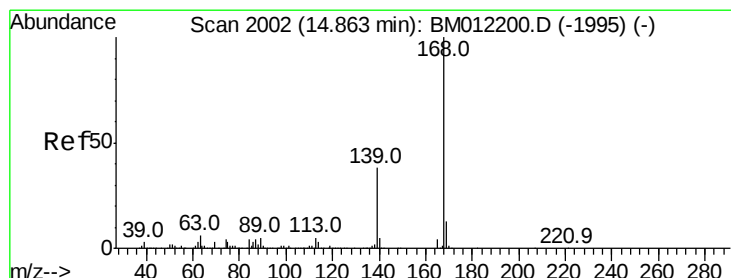
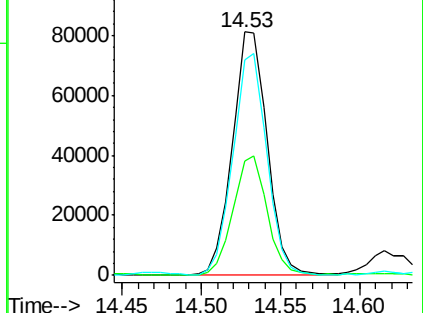
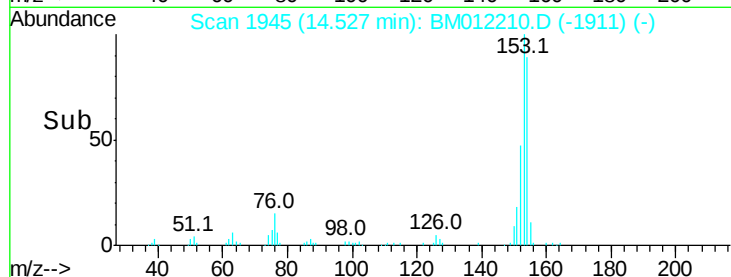
154 88.6 70.4 105.6



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



#53

Dibenzofuran

Concen: 3.281 ng/ul

RT: 14.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BM012210.D

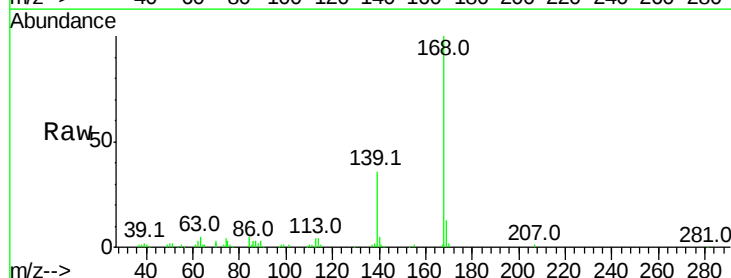
Acq: 15 Oct 2017 15:50

Tgt Ion:168 Resp: 145862

Ion Ratio Lower Upper

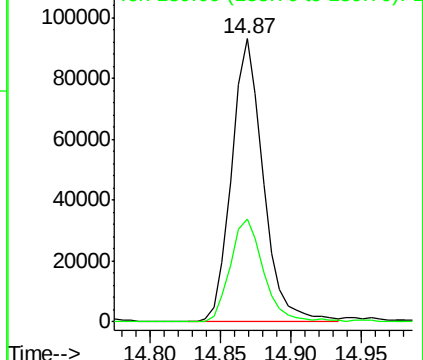
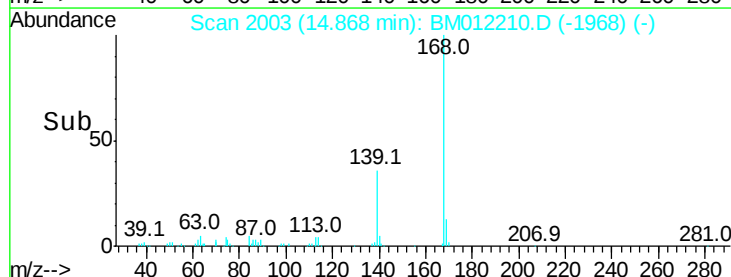
168 100

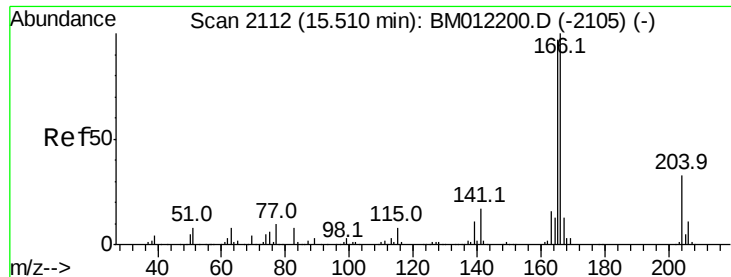
139 36.2 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.392 ng/ul

RT: 15.52 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

Instrument :

BNA_M

ClientSampleId :

BE2N8DL

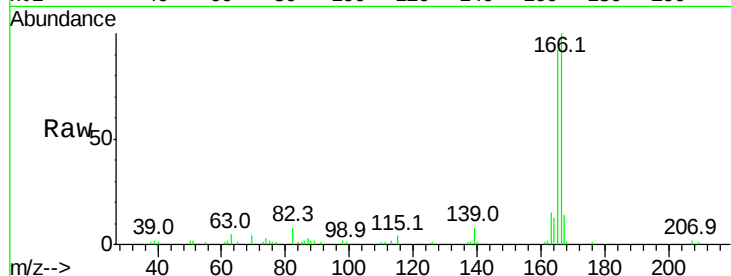
Tot Ion:166 Resp: 88317

Ion Ratio Lower Upper

166 100

165 92.4 77.9 116.9

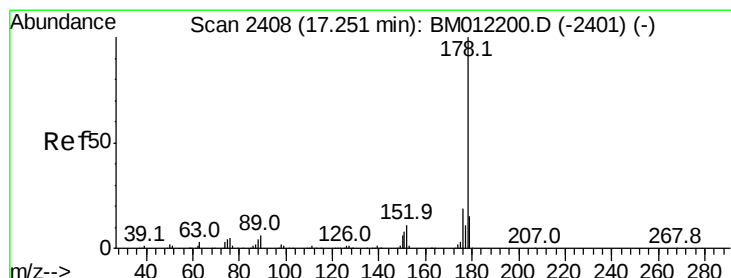
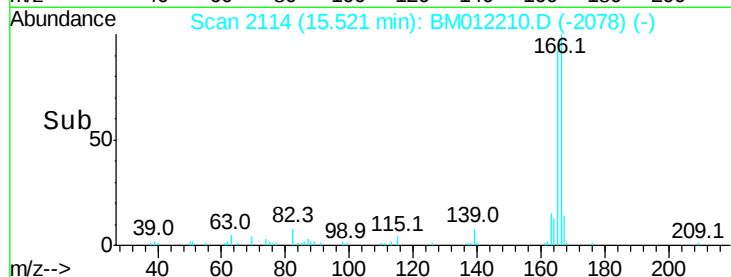
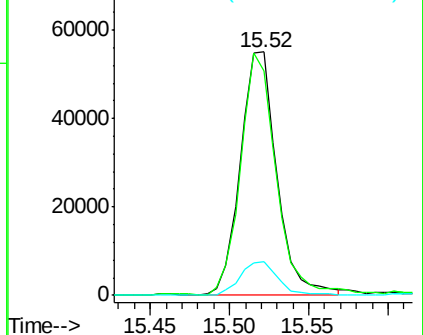
167 13.8 10.6 16.0



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



#69

Phenanthrene

Concen: 2.680 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

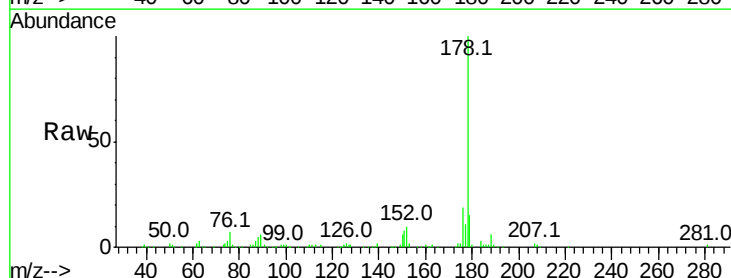
Tgt Ion:178 Resp: 164834

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

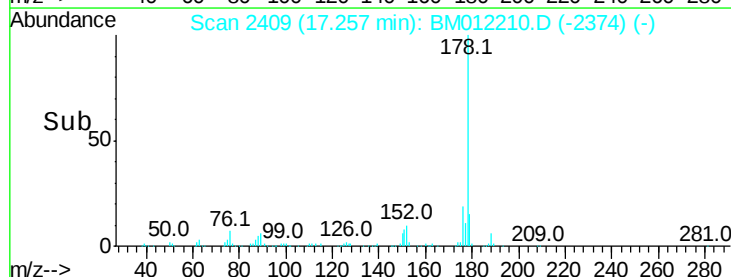
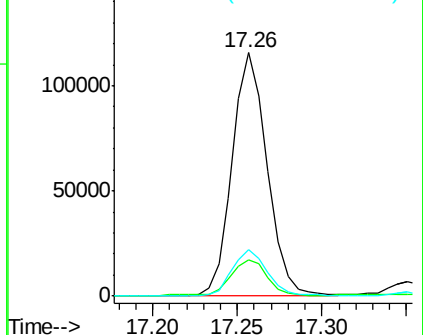
176 18.8 14.9 22.3

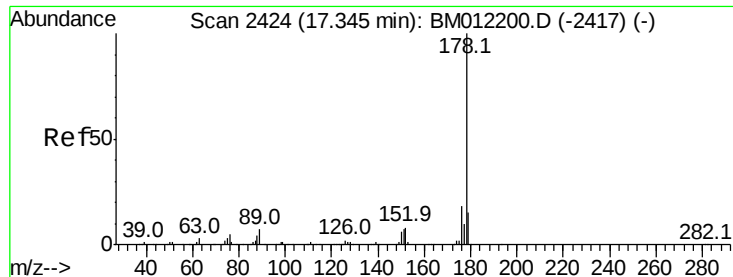


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.589 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. -0.09 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

Instrument :

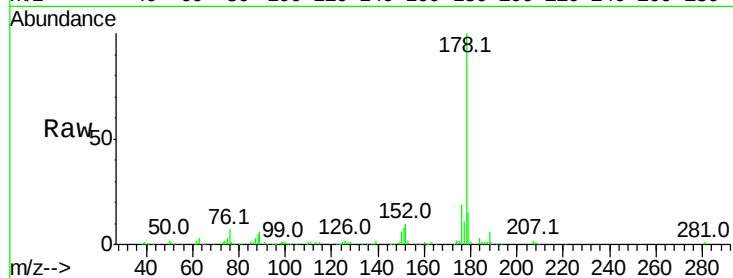
BNA_M

ClientSampleId :

BE2N8DL

Tot Ion:178 Resp: 164834

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	18.8	14.6	21.8

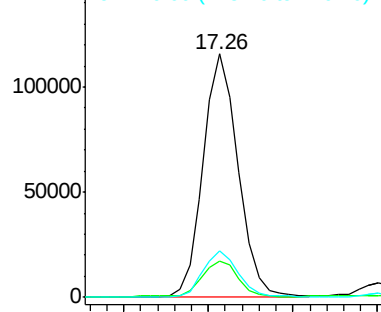


Abundance

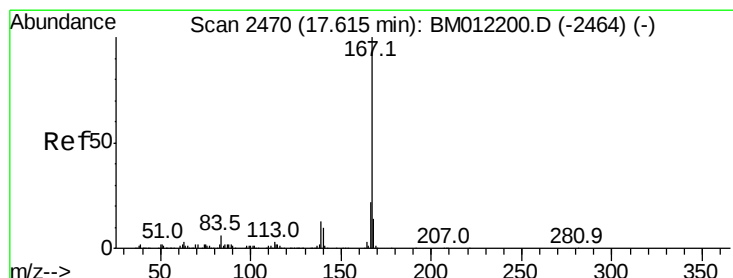
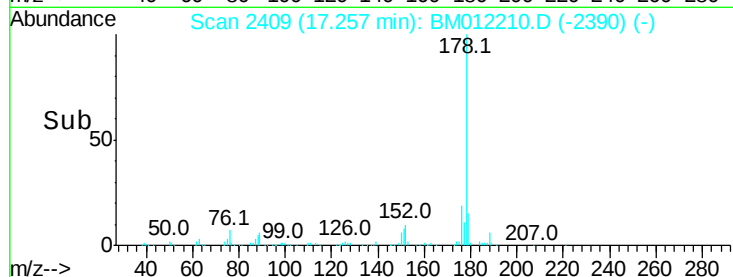
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#72

Carbazole

Concen: 1.144 ng/ul

RT: 17.63 min Scan# 2472

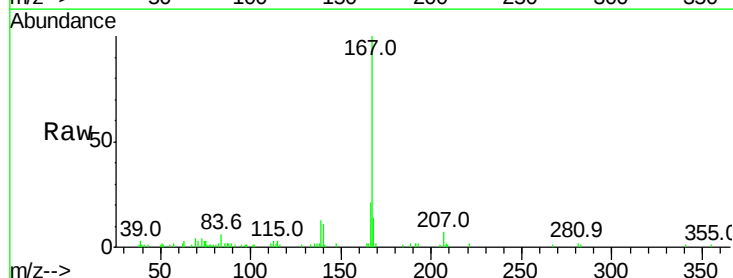
Delta R.T. 0.01 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

Tgt Ion:167 Resp: 61619

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	13.4	10.0	15.0

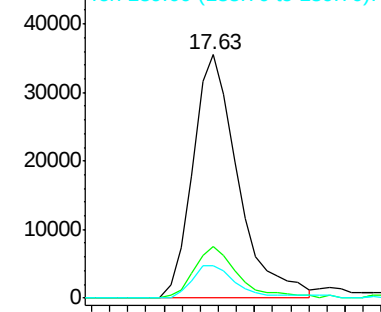


Abundance

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



Time-->

