

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050118\
 Data File : BM014914.D
 Acq On : 02 May 2018 08:36
 Operator : SJ/JU
 Sample : J2621-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 11:51:50 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 06:50:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	444443	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1930965	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	1055432	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	2277737	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	2316924	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	2098739	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	21221	2.08	ng/uL	0.00
5) Phenol-d5	7.62	99	364185	10.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	834905	37.89	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	887156	30.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	612048	22.34	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	495027	35.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	520959	37.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	906270	32.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	1235672	44.32	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	2892965	35.11	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	3387806	33.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	119492	7.81	ng/ul	0.00
57) Fluorene-d10	16.07	176	2427055	33.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.17	200	126171	10.24	ng/ul	0.00
70) Anthracene-d10	17.91	188	3731119	35.15	ng/ul	0.00
76) Pyrene-d10	20.15	212	3940630	35.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	3874034	37.57	ng/ul	0.00

Target Compounds

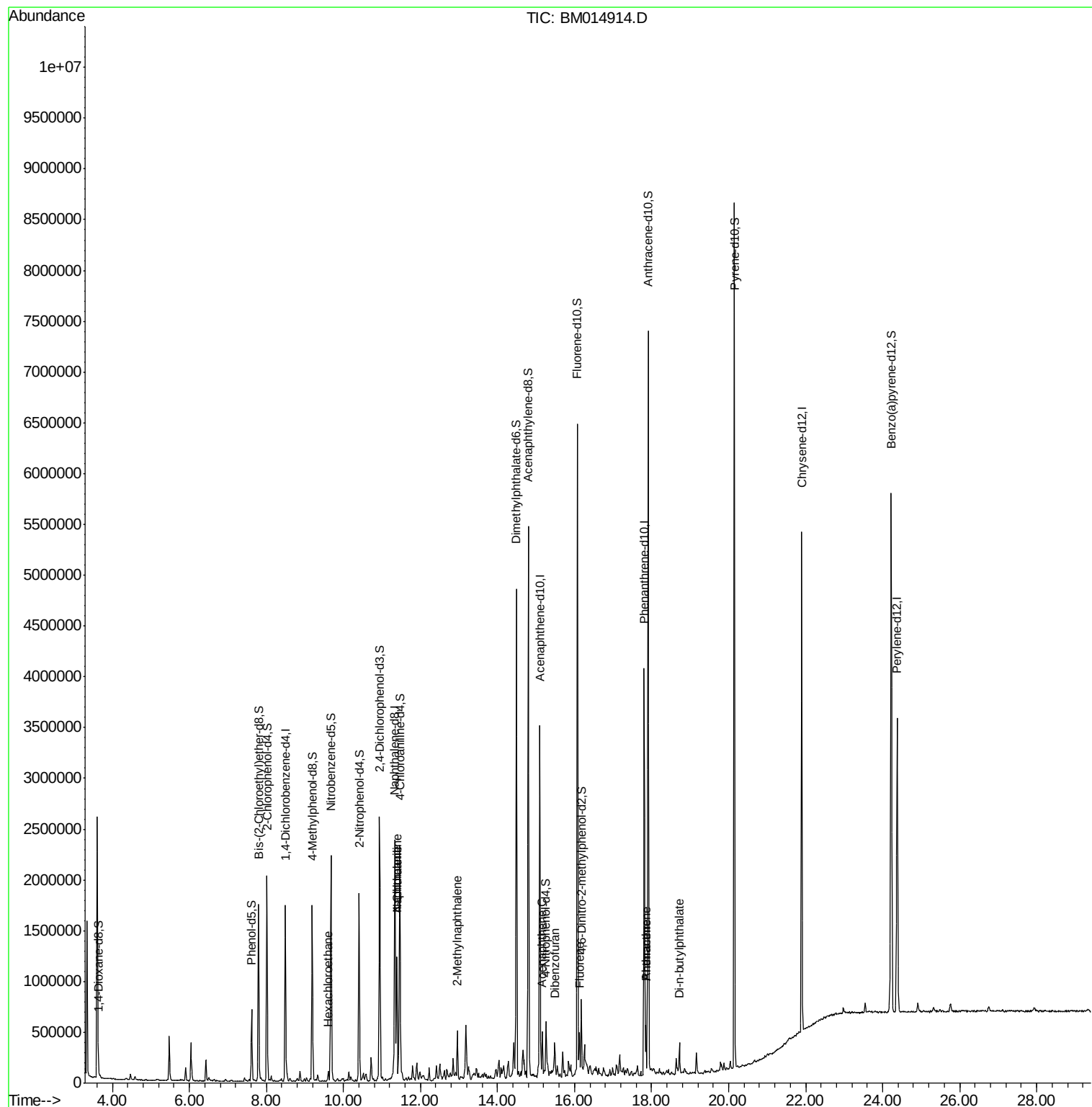
				Ovalue	
17) Hexachloroethane	9.62	117	13562	1.171 ng/ul#	1
28) Naphthalene	11.39	128	890391	9.463 ng/ul	99
30) 4-Chloroaniline	11.39	127	119941	4.432 ng/ul#	8
34) 2-Methylnaphthalene	12.96	142	225369	3.449 ng/ul	95
49) Acenaphthene	15.16	153	152772	2.181 ng/ul	96
53) Dibenzofuran	15.49	168	148188	1.523 ng/ul	100
58) Fluorene	16.13	166	178665	2.275 ng/ul	98
69) Phenanthrene	17.85	178	278809	2.279 ng/ul	99
71) Anthracene	17.85	178	278809	2.246 ng/ul	98
73) Di-n-butylphthalate	18.72	149	169779	1.318 ng/ul#	97

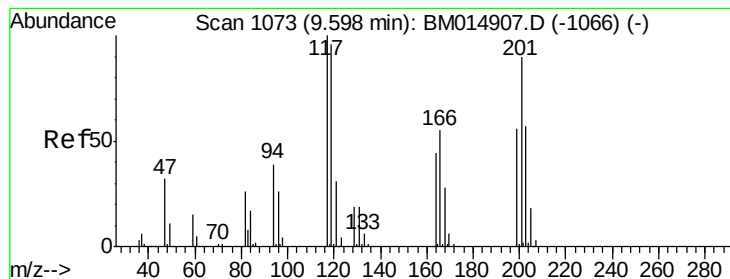
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#17

Hexachloroethane

Concen: 1.171 ng/ul

RT: 9.62 min Scan# 1076

Delta R.T. 0.02 min

Lab File: BM014914.D

Acq: 02 May 2018 08:36

Instrument :

BNA_M

ClientSampleId :

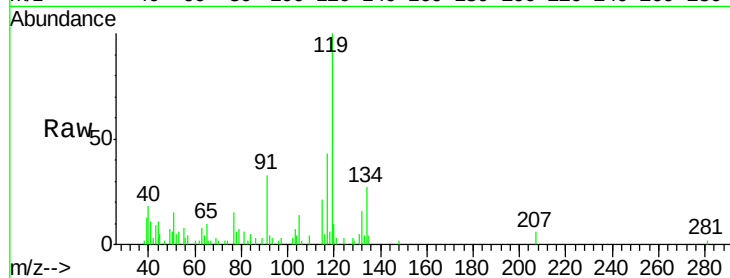
Tot Ion:117 Resp: 13562

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

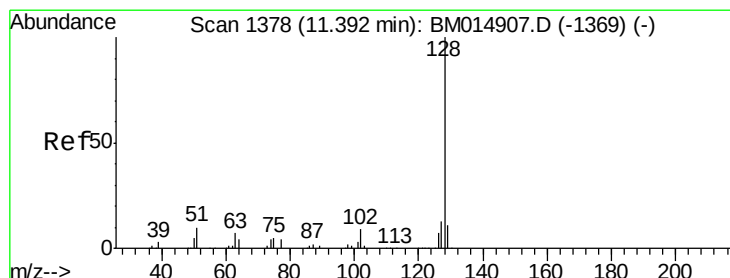
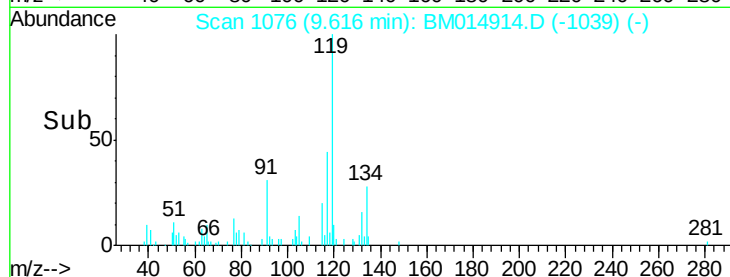
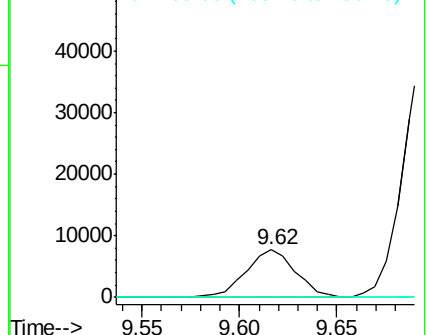
199 0.0 67.8 101.6#



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: 9.463 ng/ul

RT: 11.39 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BM014914.D

Acq: 02 May 2018 08:36

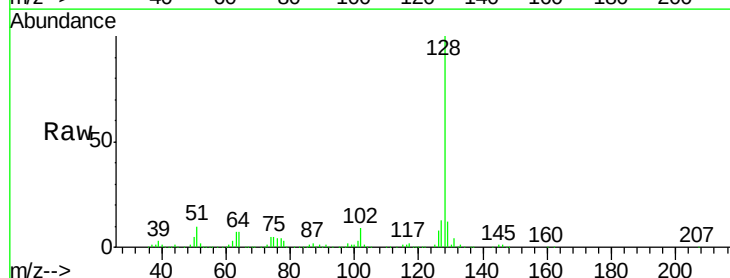
Tgt Ion:128 Resp: 890391

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

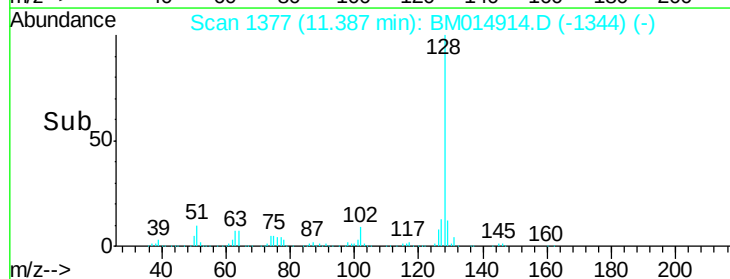
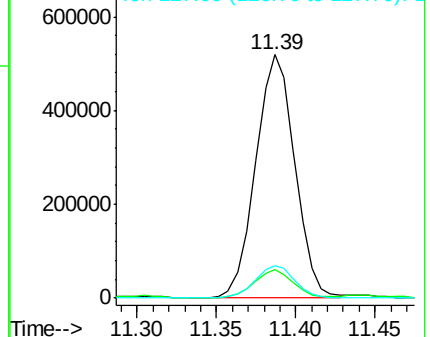
127 13.1 10.6 16.0

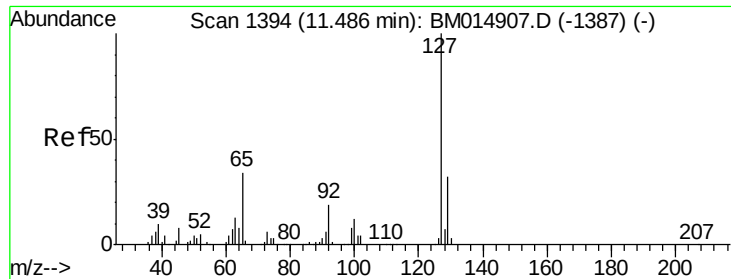


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

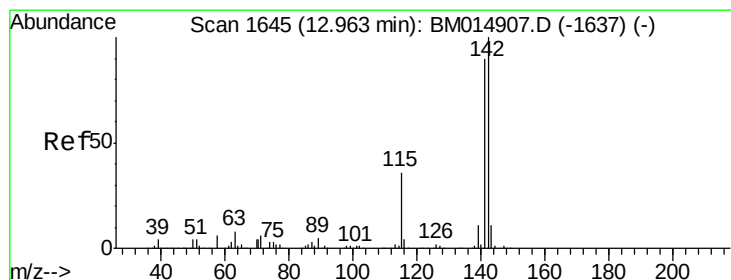
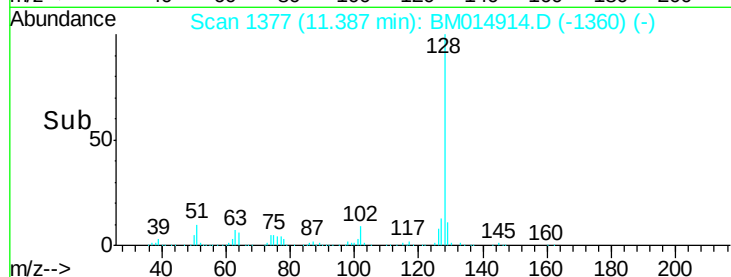
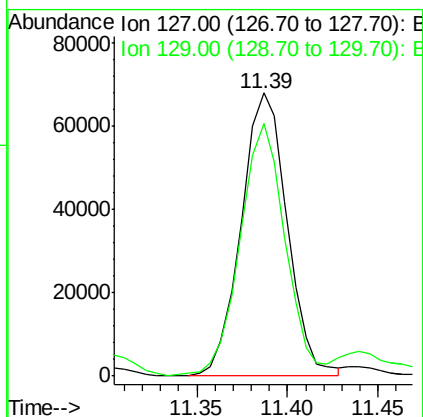
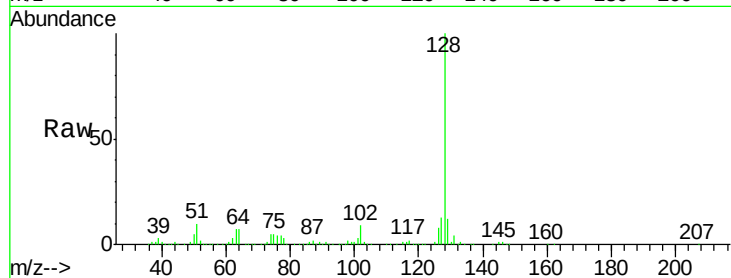




#30
4-Chloroaniline
Concen: 4.432 ng/ul
RT: 11.39 min Scan# 1377
Delta R.T. -0.10 min
Lab File: BM014914.D
Acq: 02 May 2018 08:36

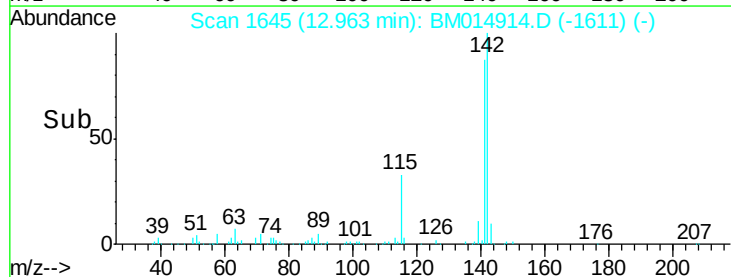
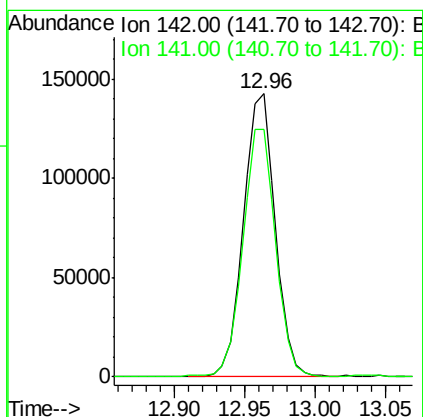
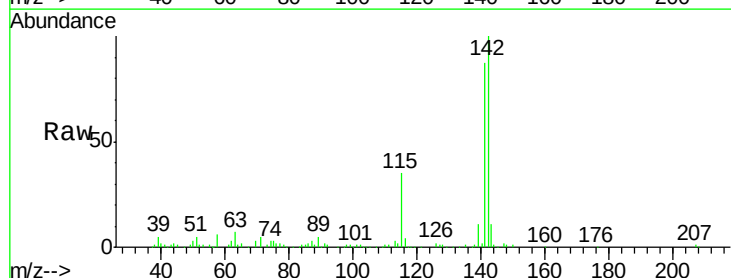
Instrument :
BNA_M
ClientSampleId :

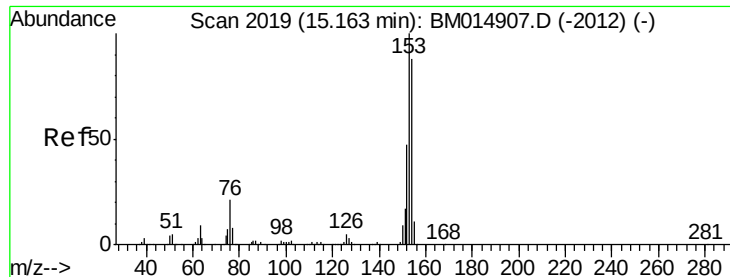
Tot Ion:127 Resp: 119941
Ion Ratio Lower Upper
127 100
129 89.4 28.4 42.6#



#34
2-Methylnaphthalene
Concen: 3.449 ng/ul
RT: 12.96 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BM014914.D
Acq: 02 May 2018 08:36

Tgt Ion:142 Resp: 225369
Ion Ratio Lower Upper
142 100
141 87.3 74.1 111.1





#49

Acenaphthene

Concen: 2.181 ng/ul

RT: 15.16 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BM014914.D

Acq: 02 May 2018 08:36

Instrument :

BNA_M

ClientSampleId :

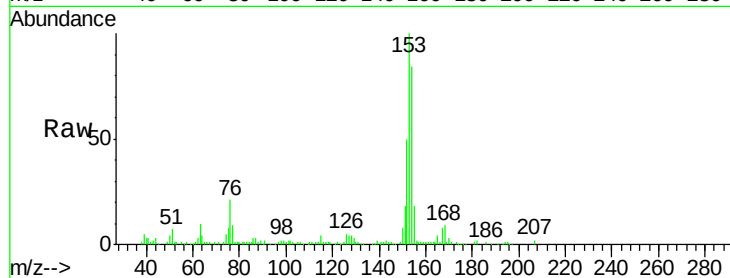
Tot Ion:153 Resp: 152772

Ion Ratio Lower Upper

153 100

152 49.9 37.6 56.4

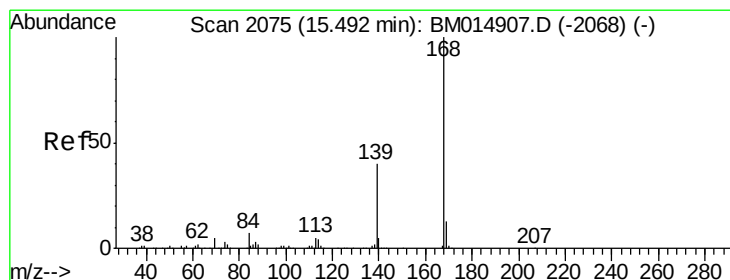
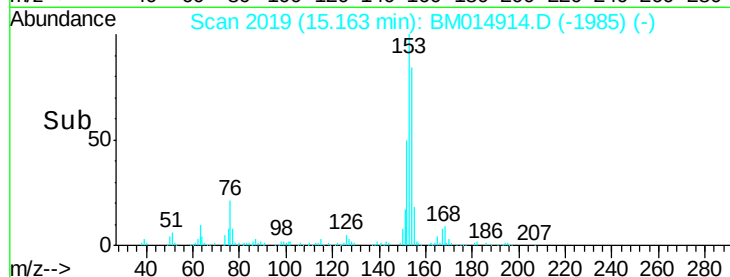
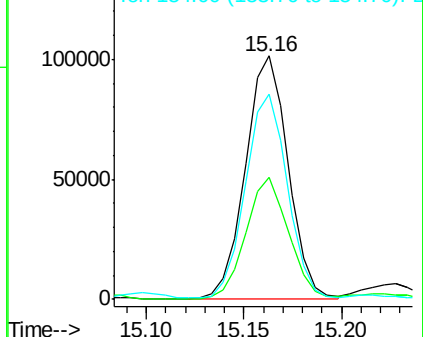
154 84.4 70.4 105.6



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: 1.523 ng/ul

RT: 15.49 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BM014914.D

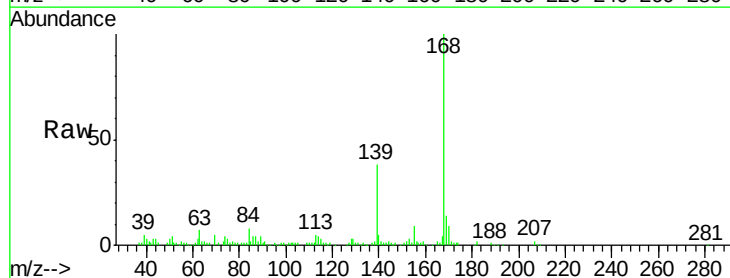
Acq: 02 May 2018 08:36

Tgt Ion:168 Resp: 148188

Ion Ratio Lower Upper

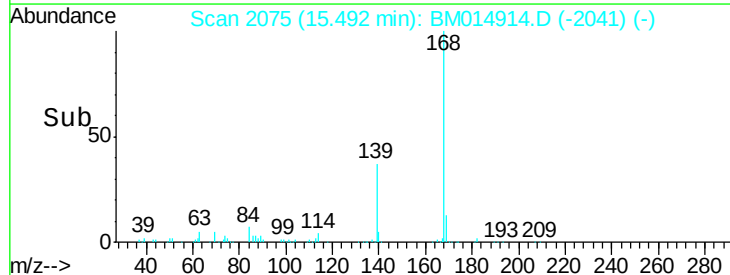
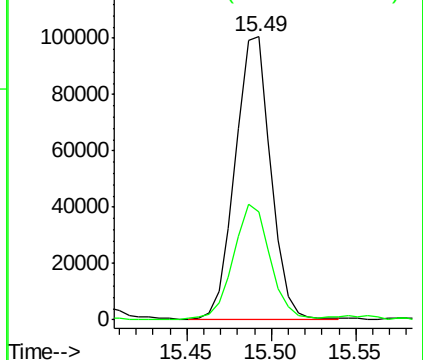
168 100

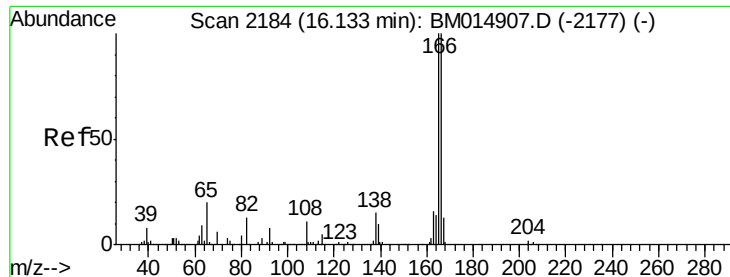
139 38.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.275 ng/ul

RT: 16.13 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM014914.D

Acq: 02 May 2018 08:36

Instrument :

BNA_M

ClientSampleId :

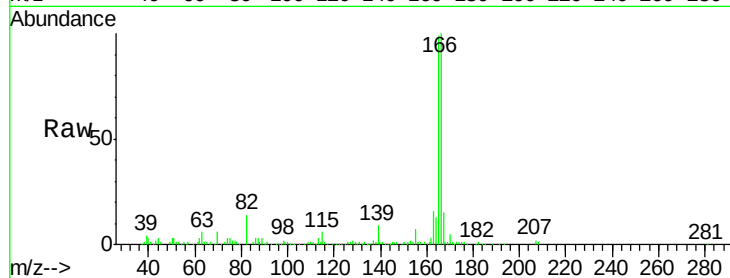
Tot Ion:166 Resp: 178665

Ion Ratio Lower Upper

166 100

165 99.3 77.9 116.9

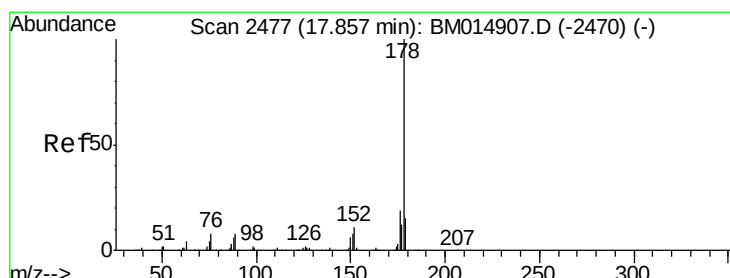
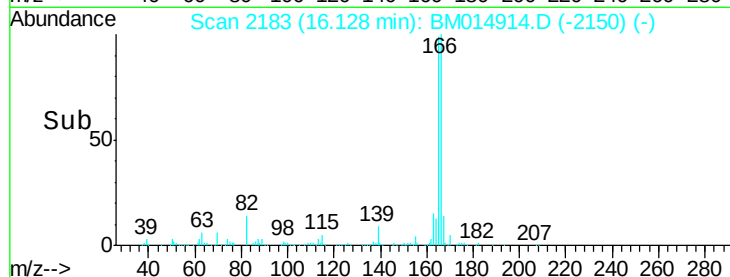
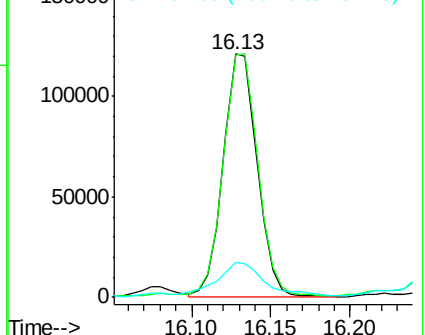
167 14.5 10.6 16.0



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: 2.279 ng/ul

RT: 17.85 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM014914.D

Acq: 02 May 2018 08:36

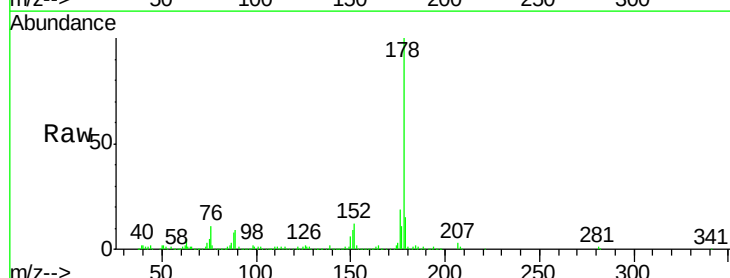
Tgt Ion:178 Resp: 278809

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

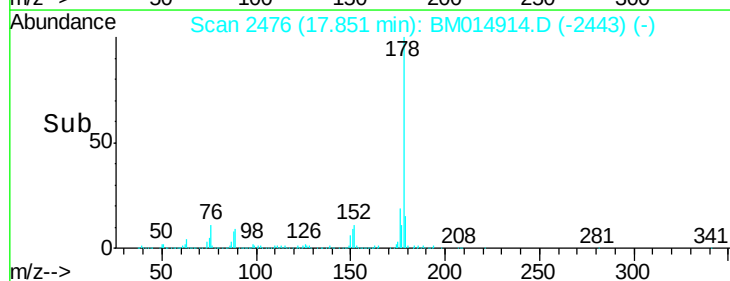
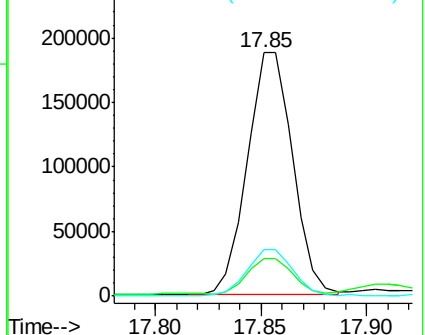
176 18.9 14.9 22.3

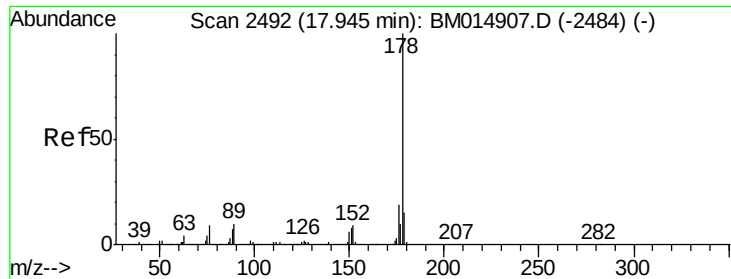


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

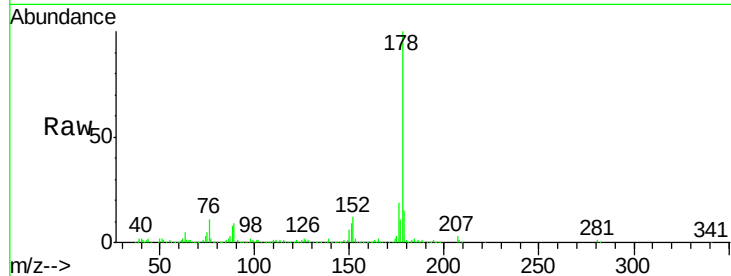




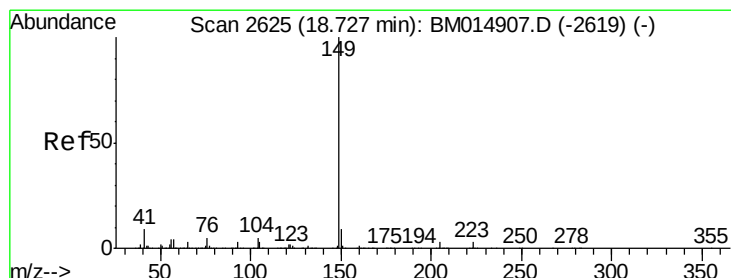
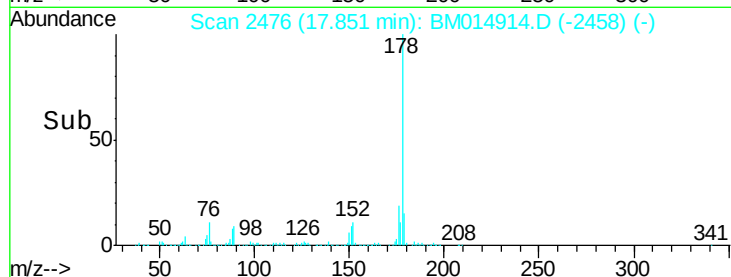
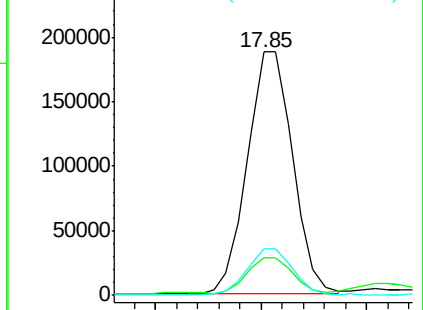
#71
 Anthracene
 Concen: 2.246 ng/ul
 RT: 17.85 min Scan# 2476
 Delta R.T. -0.09 min
 Lab File: BM014914.D
 Acq: 02 May 2018 08:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 278809
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.7 17.5
 176 18.9 14.6 21.8

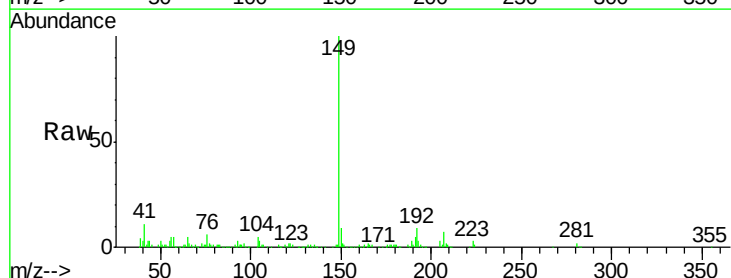


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



#73
 Di-n-butylphthalate
 Concen: 1.318 ng/ul
 RT: 18.72 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BM014914.D
 Acq: 02 May 2018 08:36

Tgt Ion:149 Resp: 169779
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.1 10.7
 104 5.1 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

