

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
 Data File : BM014878.D
 Acq On : 30 Apr 2018 21:55
 Operator : SJ/JU
 Sample : J2551-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 01 03:43:12 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 01 03:41:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	399420	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1618871	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	802578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1637007	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1613520	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1712332	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	65065	7.11	ng/uL	0.00
5) Phenol-d5	7.62	99	238977	7.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	696722	35.19	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	705758	27.32	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	429611	17.45	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	392747	33.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	403639	34.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	683018	28.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	35332	1.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	2155930	34.41	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2556882	33.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	67757	5.83	ng/ul	0.00
57) Fluorene-d10	16.08	176	1817956	33.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	255437	28.84	ng/ul	0.00
70) Anthracene-d10	17.92	188	2711471	35.54	ng/ul	0.00
76) Pyrene-d10	20.15	212	2801571	36.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	3185116	37.86	ng/ul	0.00

Target Compounds

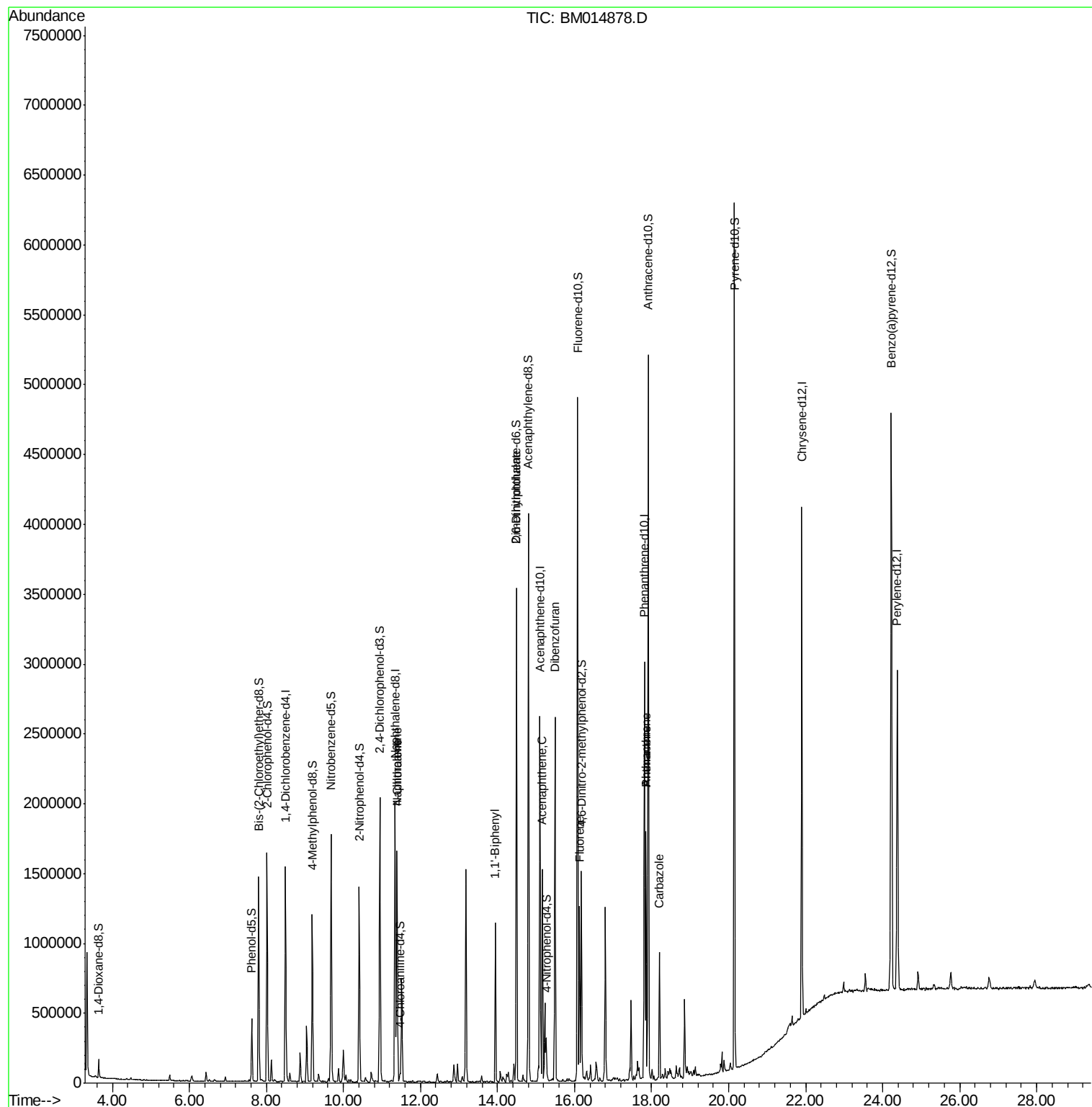
					Ovalue	
28) Naphthalene	11.39	128	1317355	16.699	ng/ul	100
30) 4-Chloroaniline	11.39	127	171245	7.547	ng/ul#	17
40) 1,1'-Biphenyl	13.95	154	553830	8.581	ng/ul#	98
45) 2,6-Dinitrotoluene	14.50	165	15894	1.431	ng/ul#	35
49) Acenaphthene	15.16	153	588802	11.054	ng/ul	99
53) Dibenzofuran	15.49	168	1561708	21.114	ng/ul	99
58) Fluorene	16.13	166	526729	8.819	ng/ul	98
69) Phenanthrene	17.86	178	966916	10.998	ng/ul	98
71) Anthracene	17.86	178	966916	10.837	ng/ul	97
72) Carbazole	18.20	167	548980	7.213	ng/ul	98

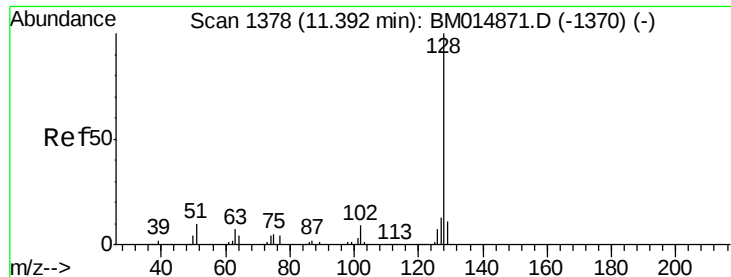
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
Data File : BM014878.D
Acq On : 30 Apr 2018 21:55
Operator : SJ/JU
Sample : J2551-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 01 03:43:12 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 01 03:41:22 2018
Response via : Initial Calibration

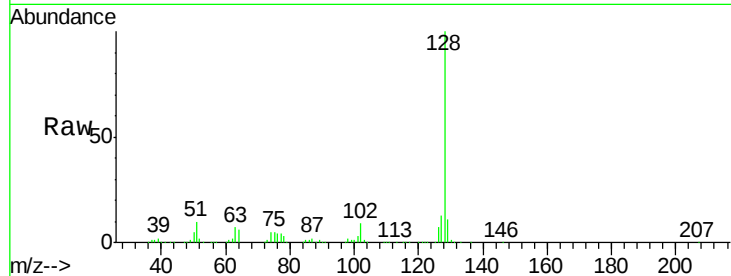




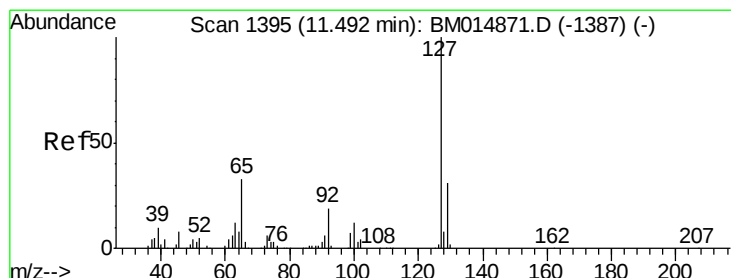
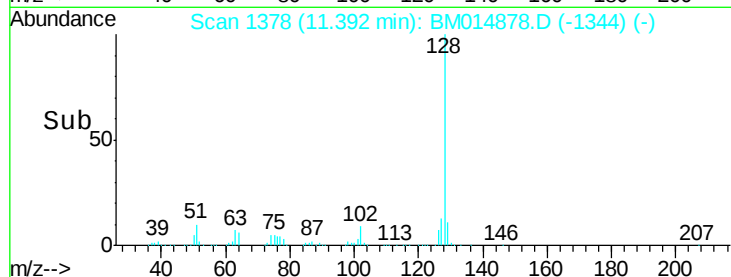
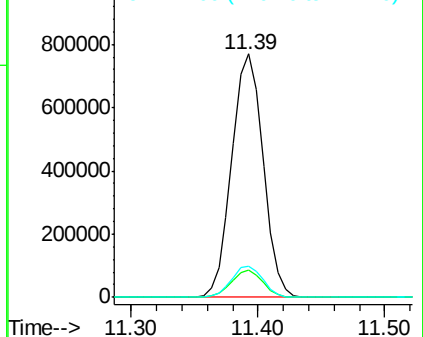
#28
Naphthalene
Concen: 16.699 ng/ul
RT: 11.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BM014878.D
Acq: 30 Apr 2018 21:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 1317355
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.6 16.0

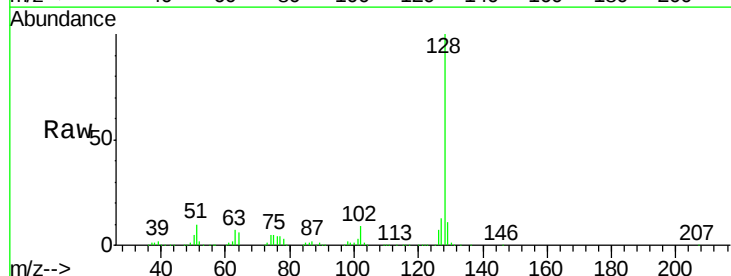


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

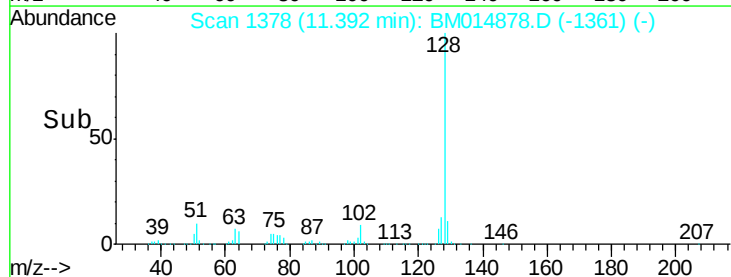
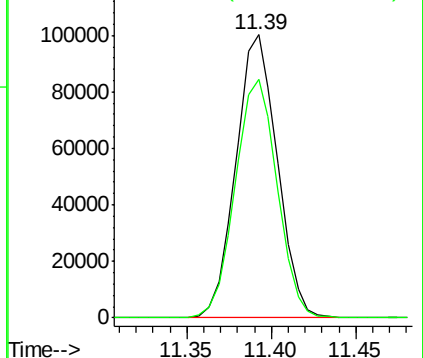


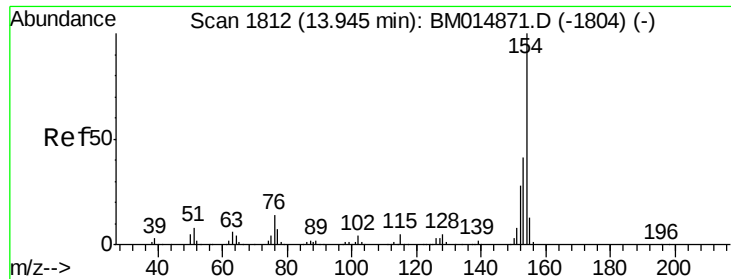
#30
4-Chloroaniline
Concen: 7.547 ng/ul
RT: 11.39 min Scan# 1378
Delta R.T. -0.10 min
Lab File: BM014878.D
Acq: 30 Apr 2018 21:55

Tgt Ion:127 Resp: 171245
Ion Ratio Lower Upper
127 100
129 84.2 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

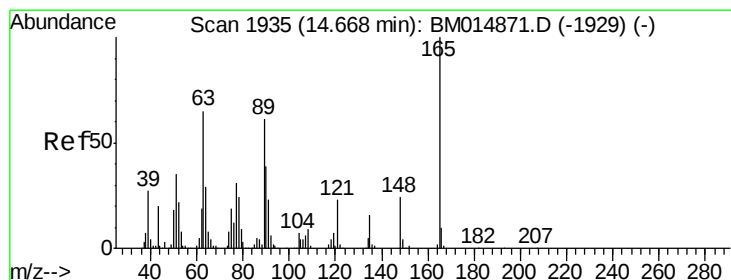
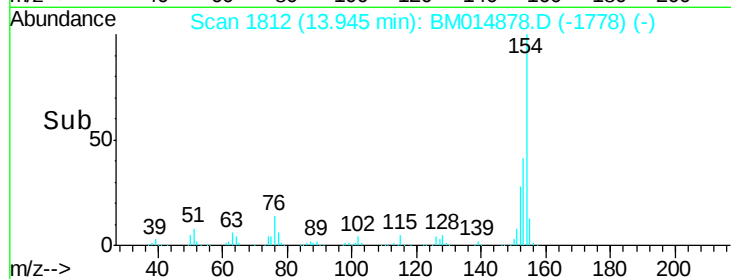
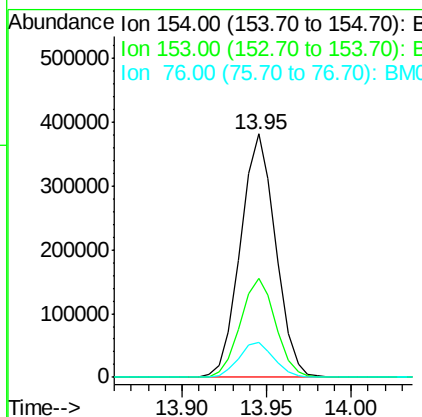
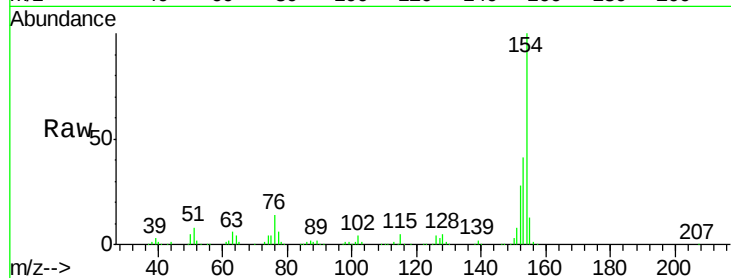




#40
 1,1'-Biphenyl
 Concen: 8.581 ng/ul
 RT: 13.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BM014878.D
 Acq: 30 Apr 2018 21:55

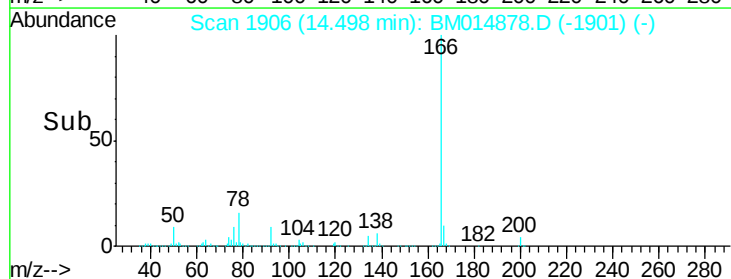
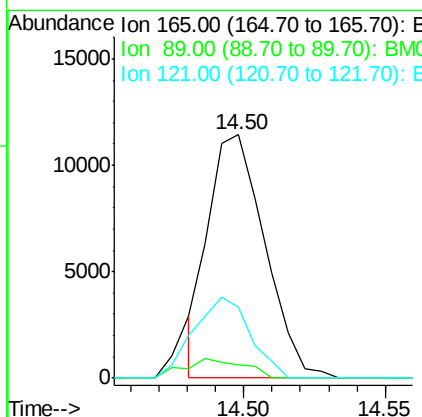
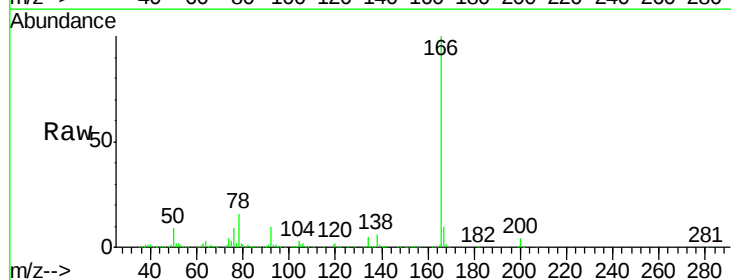
Instrument :
 BNA_M
 ClientSampleId :

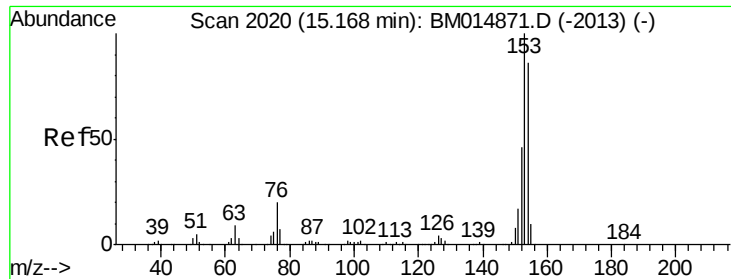
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.6	48.8
76	14.2	8.5	12.7



#45
 2,6-Dinitrotoluene
 Concen: 1.431 ng/ul
 RT: 14.50 min Scan# 1906
 Delta R.T. -0.17 min
 Lab File: BM014878.D
 Acq: 30 Apr 2018 21:55

Tgt Ion	Ratio	Lower	Upper
165	100		
89	5.2	52.6	79.0
121	28.9	14.6	22.0





#49

Acenaphthene

Concen: 11.054 ng/ul

RT: 15.16 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM014878.D

Acq: 30 Apr 2018 21:55

Instrument :

BNA_M

ClientSampleId :

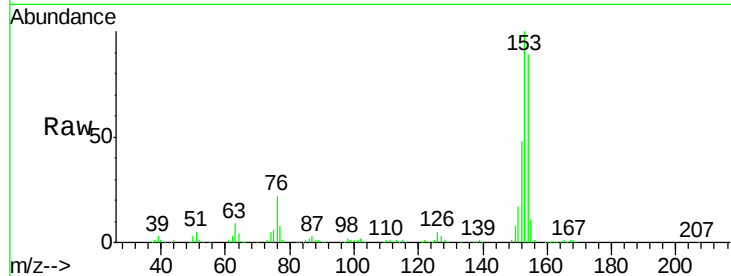
Tot Ion:153 Resp: 588802

Ion Ratio Lower Upper

153 100

152 47.8 37.6 56.4

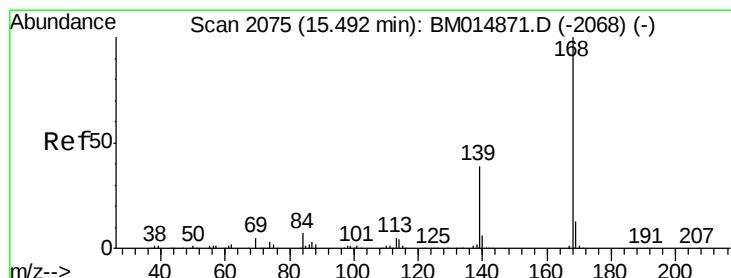
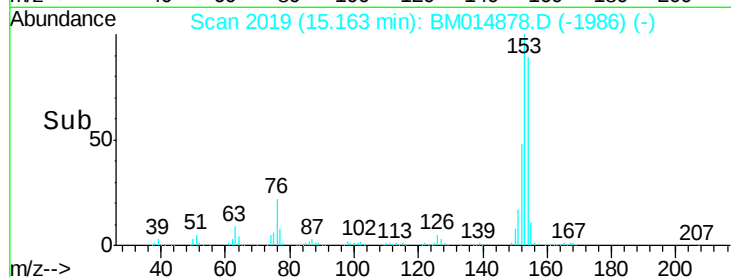
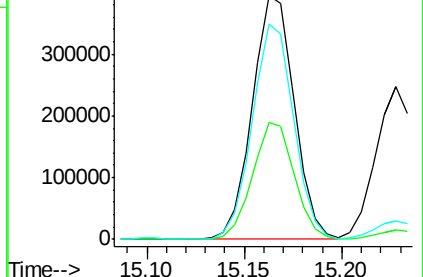
154 88.7 70.4 105.6



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: 21.114 ng/ul

RT: 15.49 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BM014878.D

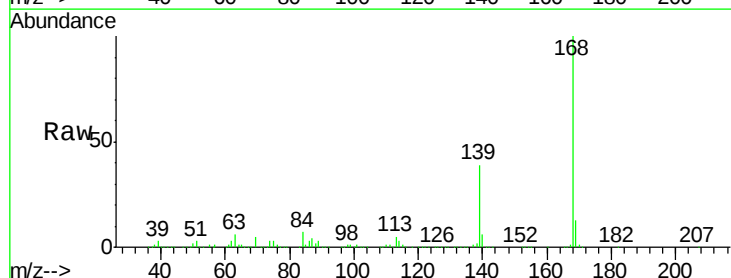
Acq: 30 Apr 2018 21:55

Tgt Ion:168 Resp: 1561708

Ion Ratio Lower Upper

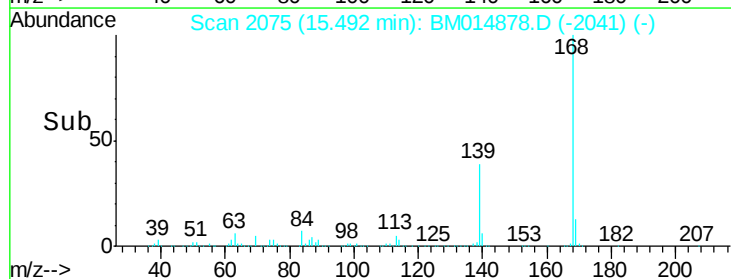
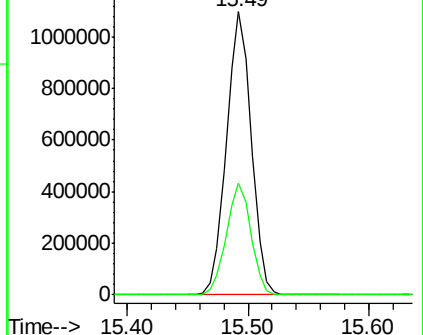
168 100

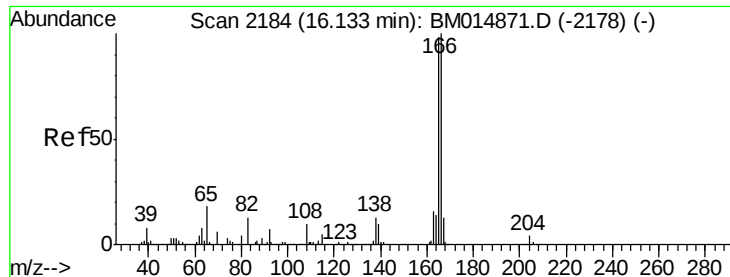
139 39.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 8.819 ng/ul

RT: 16.13 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BM014878.D

Acq: 30 Apr 2018 21:55

Instrument :

BNA_M

ClientSampled :

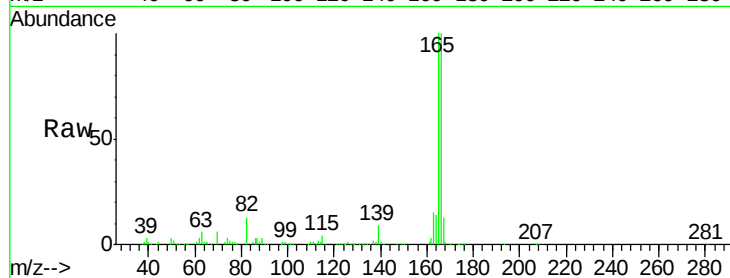
Tot Ion:166 Resp: 526729

Ion Ratio Lower Upper

166 100

165 99.7 77.9 116.9

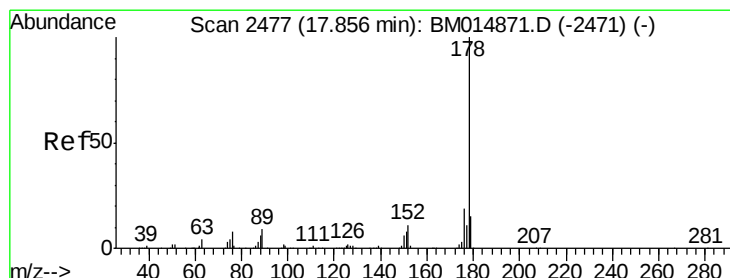
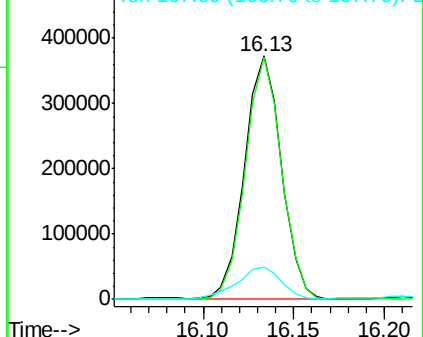
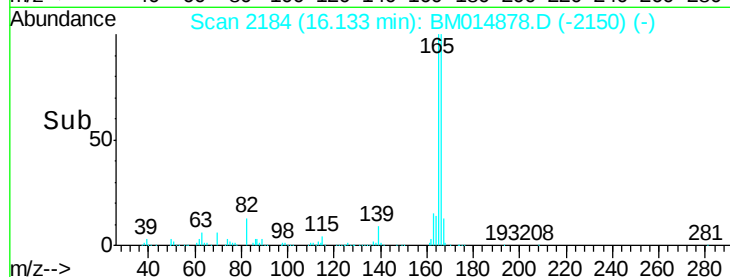
167 13.4 10.6 16.0



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: 10.998 ng/ul

RT: 17.86 min Scan# 2477

Delta R.T. 0.00 min

Lab File: BM014878.D

Acq: 30 Apr 2018 21:55

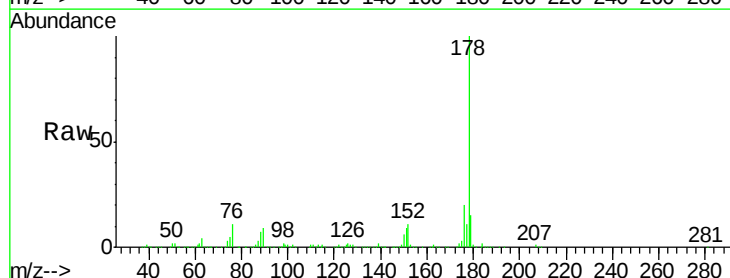
Tgt Ion:178 Resp: 966916

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

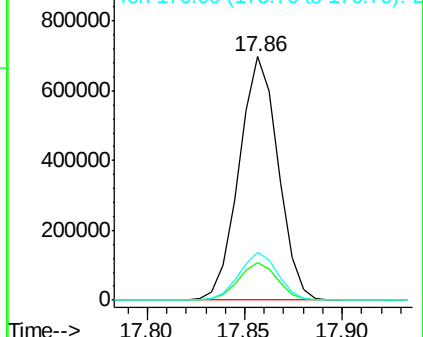
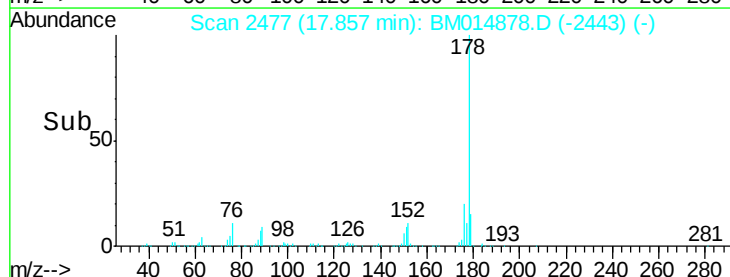
176 19.7 14.9 22.3

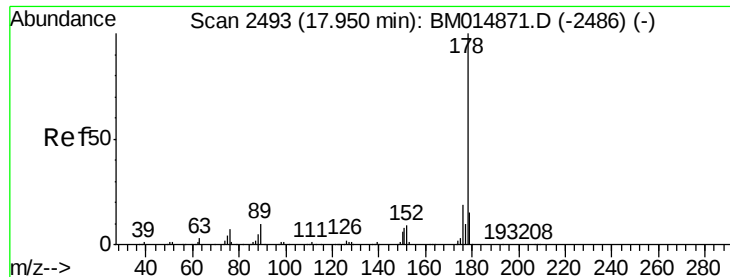


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 10.837 ng/ul

RT: 17.86 min Scan# 2477

Delta R.T. -0.09 min

Lab File: BM014878.D

Acq: 30 Apr 2018 21:55

Instrument :

BNA_M

ClientSampleId :

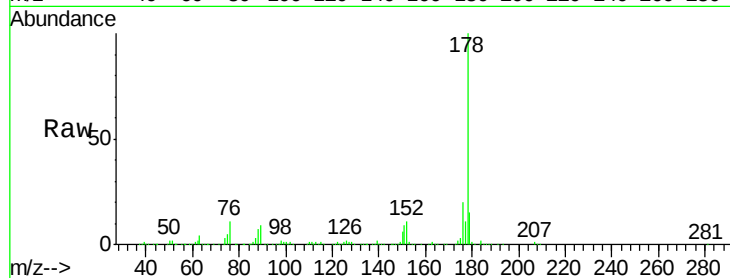
Tot Ion:178 Resp: 966916

Ion Ratio Lower Upper

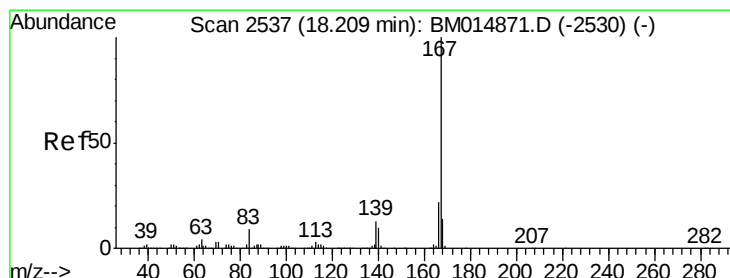
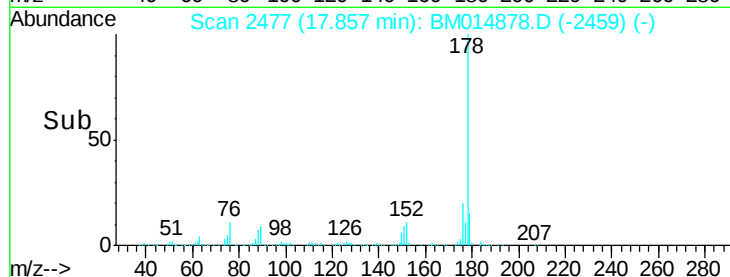
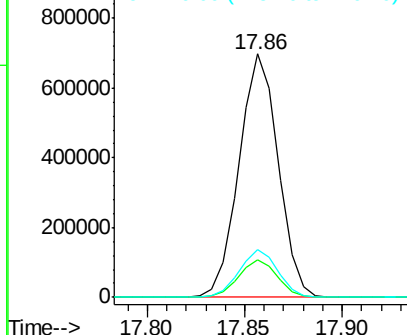
178 100

179 15.2 11.7 17.5

176 19.7 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: 7.213 ng/ul

RT: 18.20 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BM014878.D

Acq: 30 Apr 2018 21:55

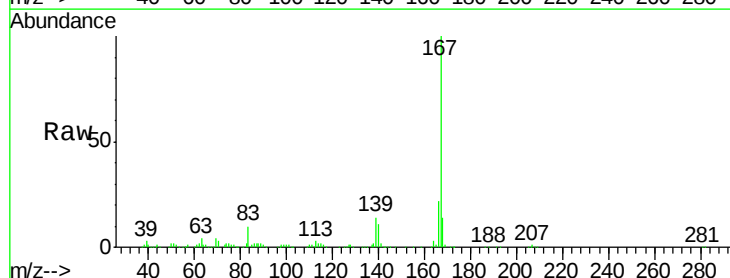
Tgt Ion:167 Resp: 548980

Ion Ratio Lower Upper

167 100

166 22.2 17.1 25.7

139 13.8 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

