

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005264.D
 Acq On : 06 May 2016 11:00
 Operator : UM/SJ
 Sample : H2813-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7M6DL

Quant Time: May 06 13:19:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:26:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	70019	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	344061	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	232308	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	582427	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	708756	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	680302	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	3280	0.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	11861	3.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	11558	2.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	7457	1.42	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	6565	2.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	7402	2.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	14238	2.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	499	0.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	65032	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	73489	3.36	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.41	176	61042	3.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	4844	1.48	ng/ul	0.00
70) Anthracene-d10	17.26	188	97821	3.80	ng/ul	0.00
76) Pyrene-d10	19.56	212	121852	3.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	113722	3.78	ng/ul	-0.01

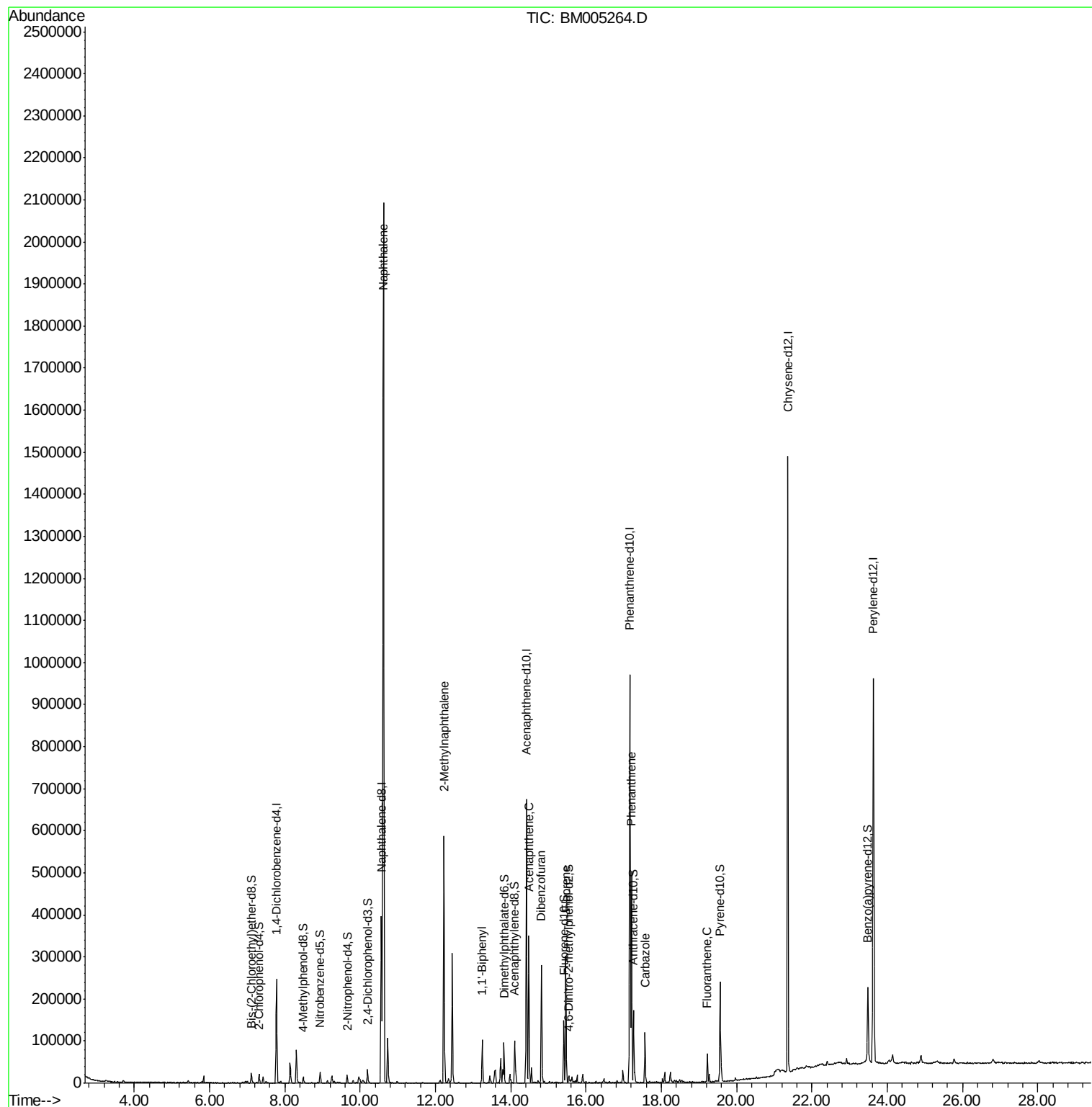
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.62	128	1855036	107.16	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	280720	21.68	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	57966	3.15	ng/ul	99
49) Acenaphthene	14.47	153	147343	9.68	ng/ul	99
53) Dibenzofuran	14.81	168	183371	8.30	ng/ul	99
58) Fluorene	15.46	166	138422	8.01	ng/ul	98
69) Phenanthrene	17.20	178	294540	9.62	ng/ul	100
72) Carbazole	17.57	167	80579	3.00	ng/ul	98
74) Fluoranthene	19.22	202	43393	1.28	ng/ul	99

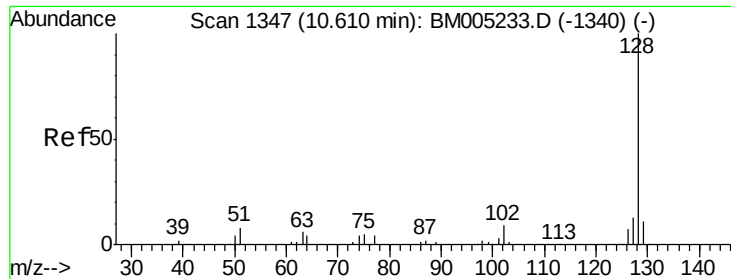
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005264.D
Acq On : 06 May 2016 11:00
Operator : UM/SJ
Sample : H2813-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7M6DL

Quant Time: May 06 13:19:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:26:22 2016
Response via : Initial Calibration





#28

Naphthalene

Concen: 107.16 ng/ul

RT: 10.62 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BM005264.D

Acq: 06 May 2016 11:00

Instrument :

BNA_M

ClientSampleId :

BC7M6DL

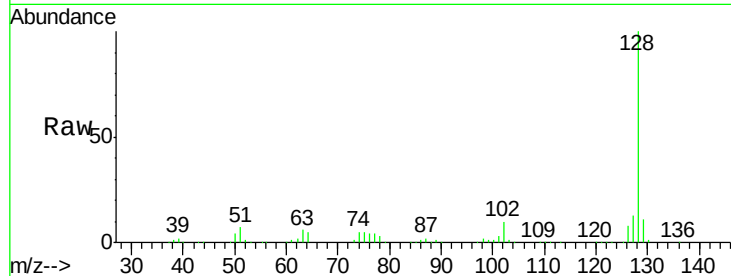
Tgt Ion:128 Resp: 1855036

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

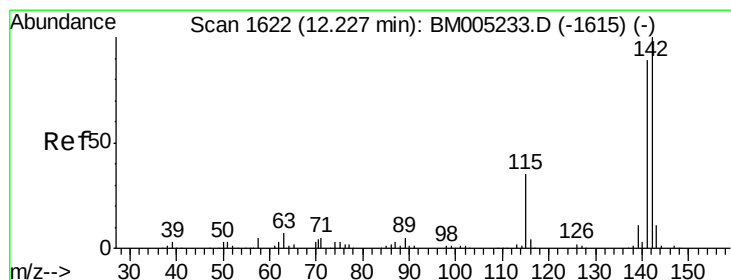
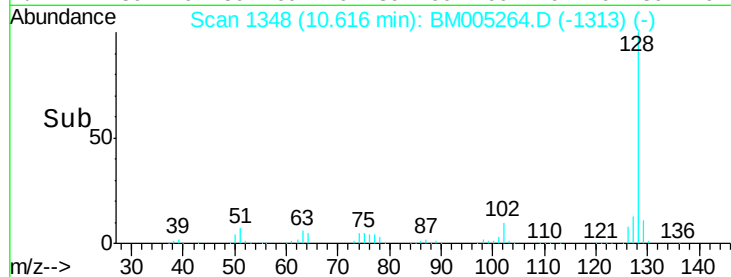
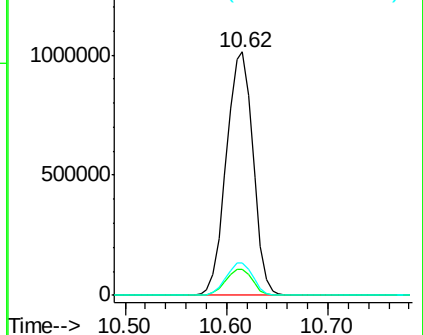
127 13.4 10.8 16.2



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: 21.68 ng/ul

RT: 12.22 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BM005264.D

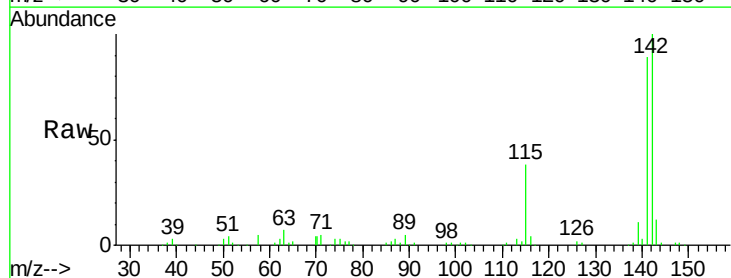
Acq: 06 May 2016 11:00

Tgt Ion:142 Resp: 280720

Ion Ratio Lower Upper

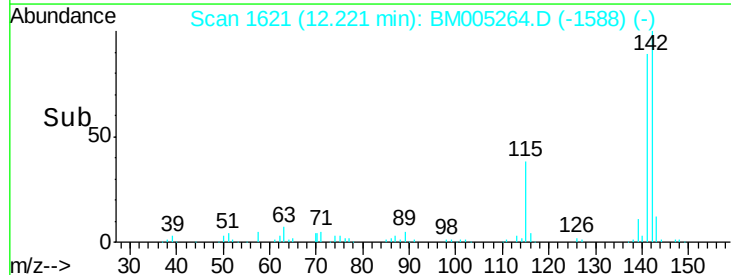
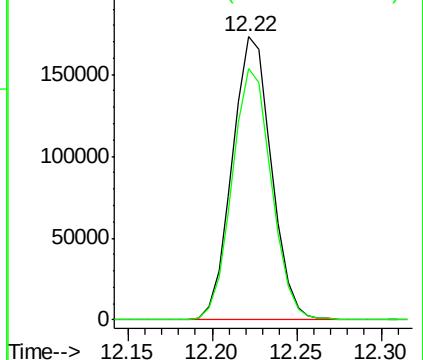
142 100

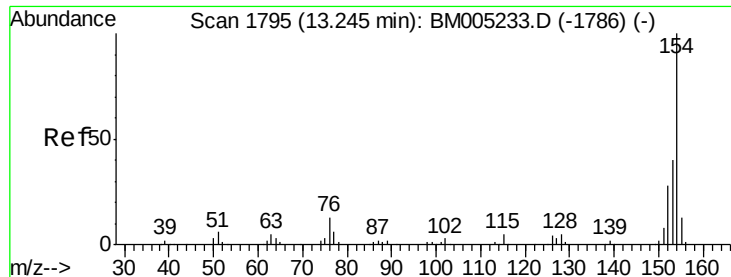
141 88.7 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

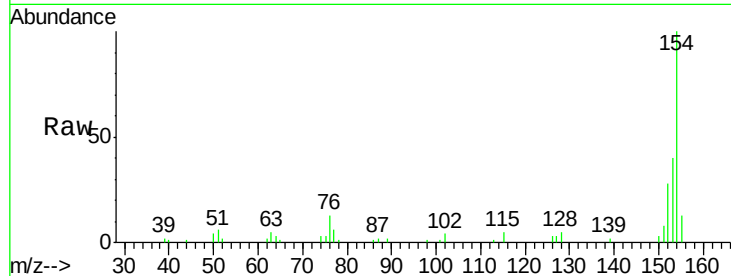




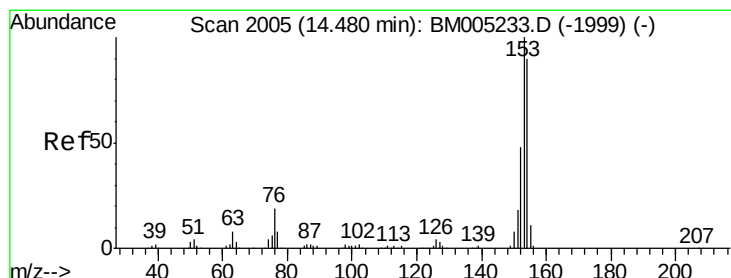
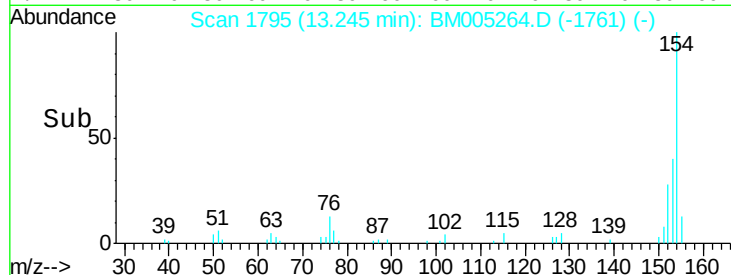
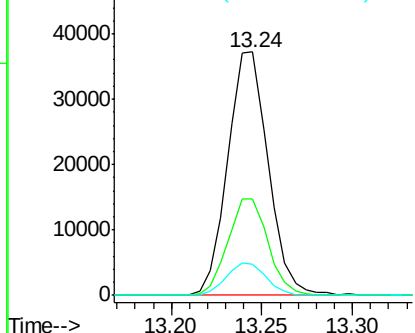
#40
1,1'-Biphenyl
Concen: 3.15 ng/ul
RT: 13.24 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BM005264.D
Acq: 06 May 2016 11:00

Instrument :
BNA_M
ClientSampleId :
BC7M6DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.1	48.1
76	12.7	10.6	15.8

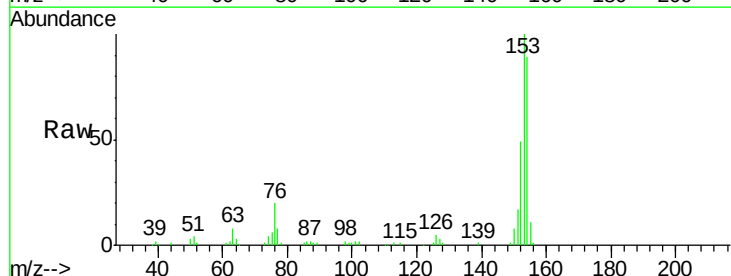


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

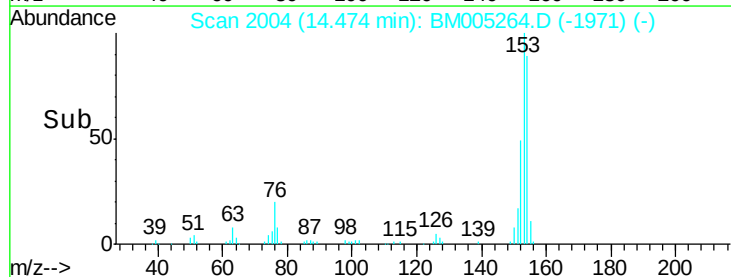
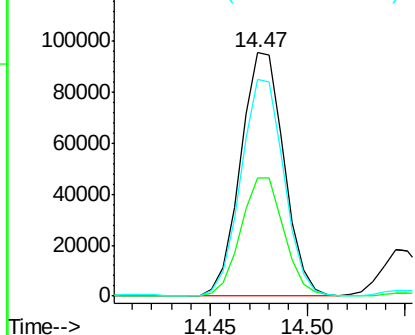


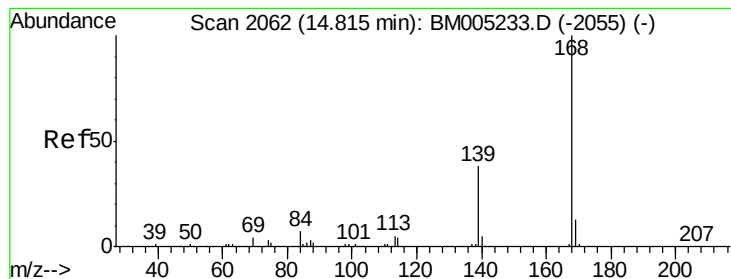
#49
Acenaphthene
Concen: 9.68 ng/ul
RT: 14.47 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BM005264.D
Acq: 06 May 2016 11:00

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.7	38.9	58.3
154	89.2	70.3	105.5



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

Dibenzenofuran

Concen: 8.30 ng/ul

RT: 14.81 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BM005264.D

Acq: 06 May 2016 11:00

Instrument :

BNA_M

ClientSampled :

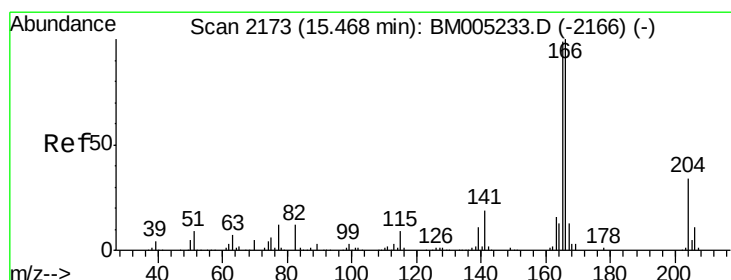
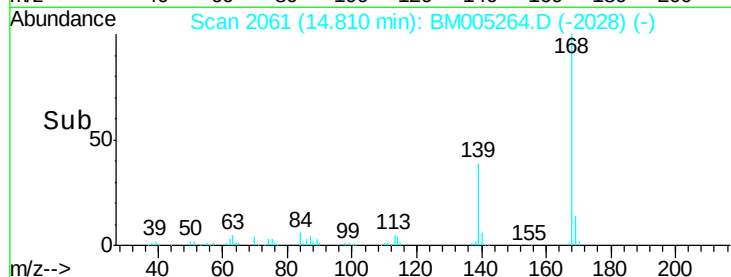
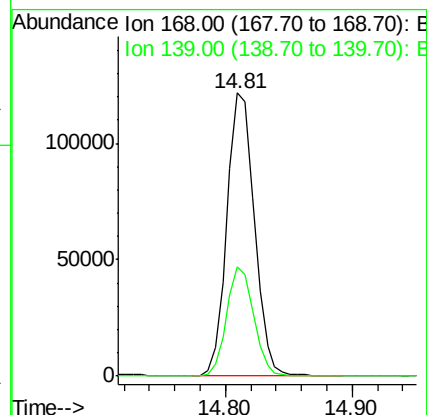
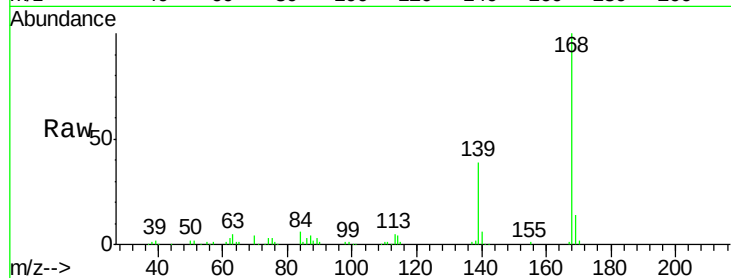
BC7M6DL

Tgt Ion:168 Resp: 183371

Ion Ratio Lower Upper

168 100

139 38.8 30.3 45.5



#58

Fluorene

Concen: 8.01 ng/ul

RT: 15.46 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM005264.D

Acq: 06 May 2016 11:00

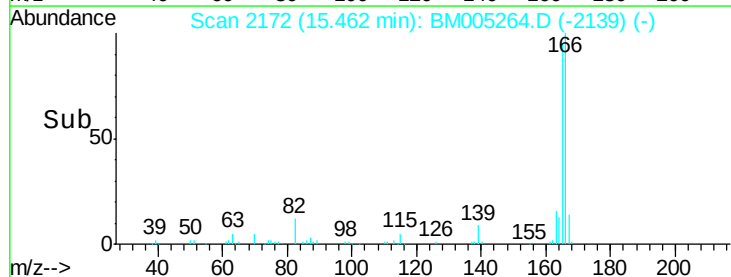
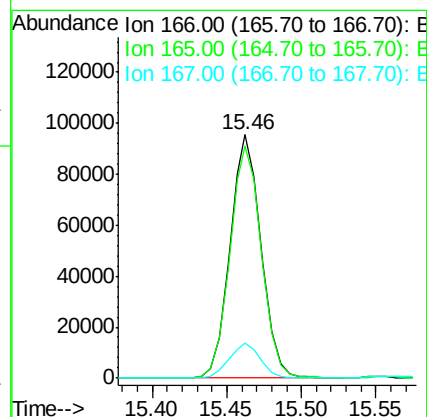
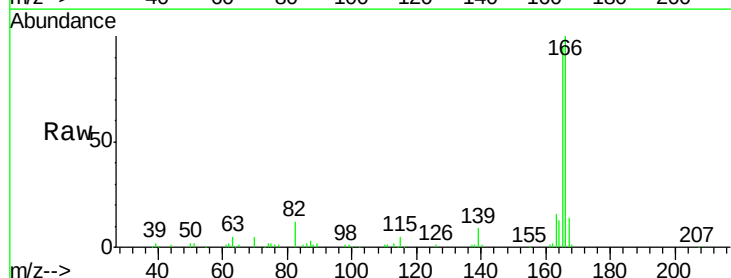
Tgt Ion:166 Resp: 138422

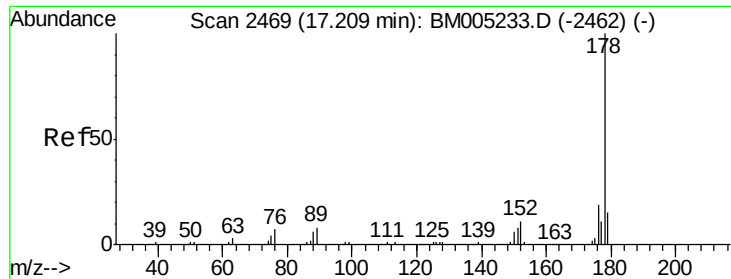
Ion Ratio Lower Upper

166 100

165 95.5 77.9 116.9

167 14.2 10.6 16.0





#69

Phenanthrene

Concen: 9.62 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BM005264.D

Acq: 06 May 2016 11:00

Instrument :

BNA_M

ClientSampled :

BC7M6DL

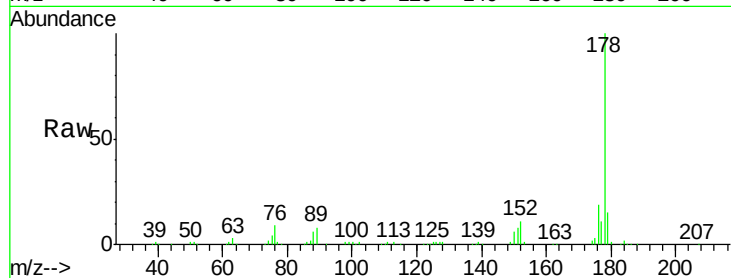
Tgt Ion:178 Resp: 294540

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

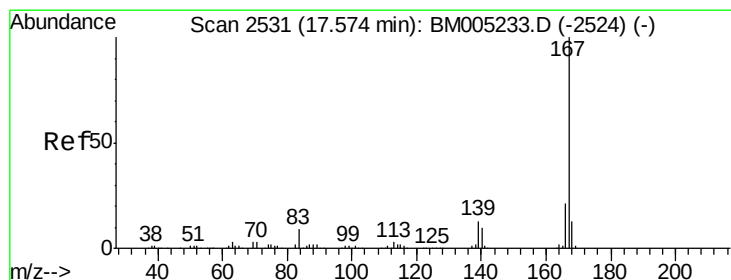
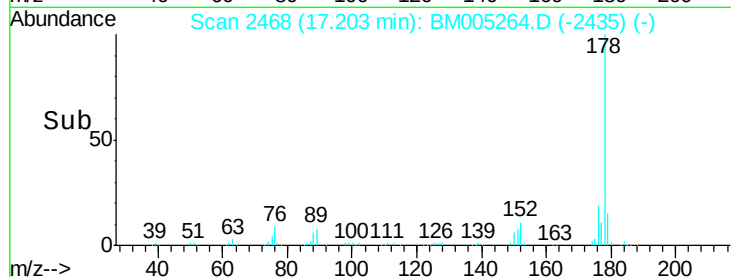
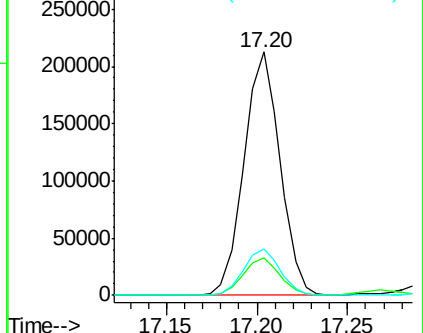
176 19.1 15.2 22.8



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: 3.00 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005264.D

Acq: 06 May 2016 11:00

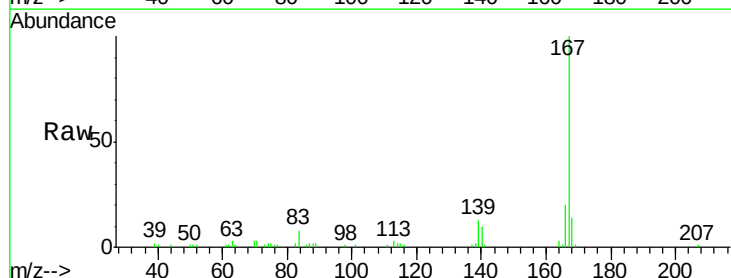
Tgt Ion:167 Resp: 80579

Ion Ratio Lower Upper

167 100

166 19.7 17.1 25.7

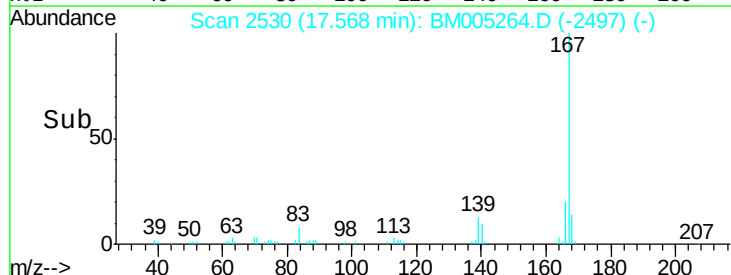
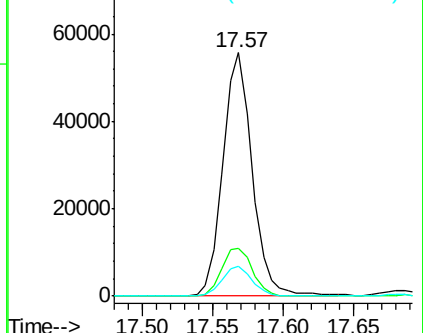
139 12.5 10.2 15.2

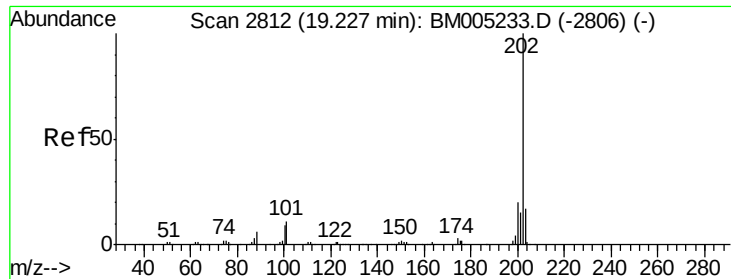


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74
 Fluoranthene
 Concen: 1.28 ng/ul
 RT: 19.22 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BM005264.D
 Acq: 06 May 2016 11:00

Instrument :
 BNA_M
 ClientSampleId :
 BC7M6DL

Tgt Ion:	202	Resp:	43393
Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.2	13.8
100	9.5	7.1	10.7

