

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005309.D
 Acq On : 07 May 2016 14:56
 Operator : UM/SJ
 Sample : H2813-13DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7T4DL

Quant Time: May 08 01:33:46 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 07 07:05:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	81419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	398566	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	268943	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	656530	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	761722	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	688967	20.00	ng/ul	0.00

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	1859	0.25	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	8445	2.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	7937	1.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	4833	0.79	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	4269	1.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	4670	1.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	9667	1.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	237	0.03	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	48981	2.27	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	54674	2.16	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.40	176	48409	2.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	3059	0.83	ng/ul	0.00
70) Anthracene-d10	17.26	188	77760	2.68	ng/ul	0.00
76) Pyrene-d10	19.56	212	91392	2.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	77761	2.55	ng/ul	0.00

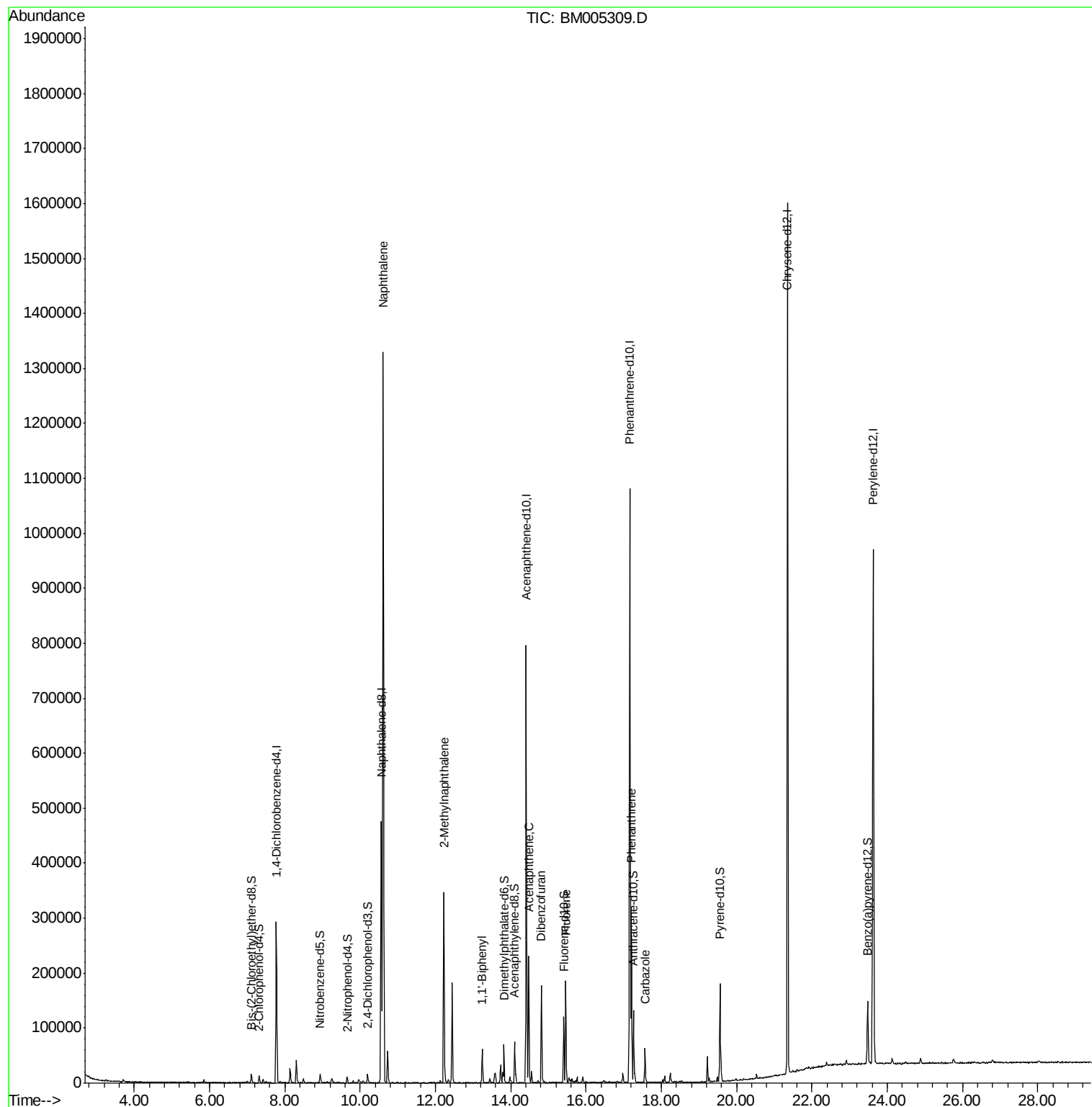
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.61	128	1123946	56.05	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	170145	11.34	ng/ul	100
40) 1,1'-Biphenyl	13.24	154	35082	1.65	ng/ul	99
49) Acenaphthene	14.47	153	92675	5.26	ng/ul	99
53) Dibenzofuran	14.81	168	115778	4.53	ng/ul	99
58) Fluorene	15.46	166	87657	4.38	ng/ul	96
69) Phenanthrene	17.20	178	196231	5.68	ng/ul	100
72) Carbazole	17.57	167	44199	1.46	ng/ul	99

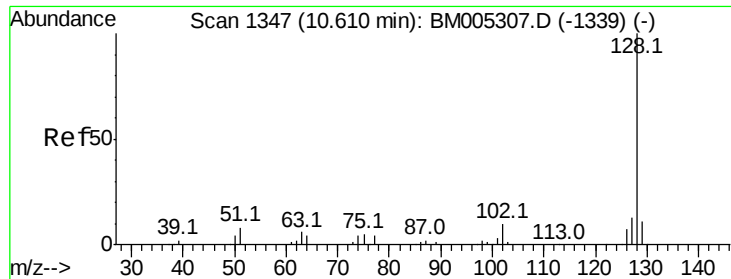
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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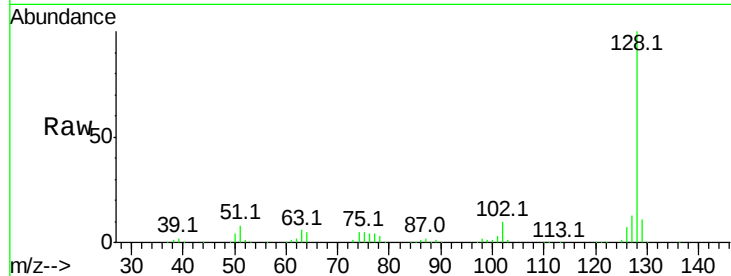




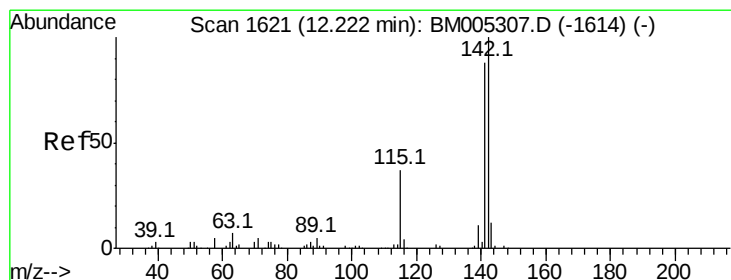
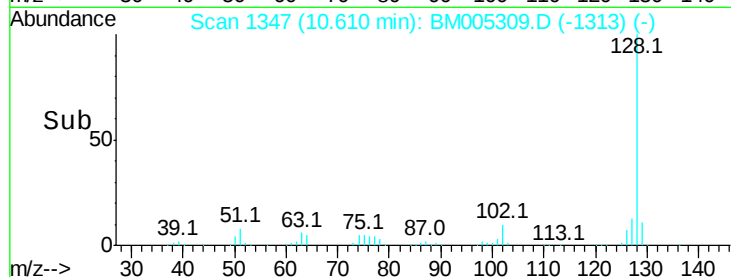
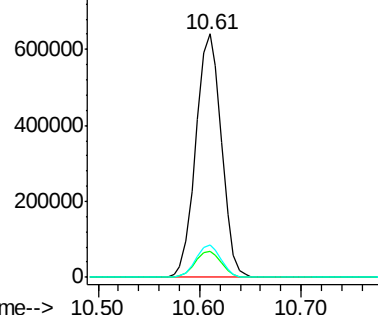
#28
Naphthalene
Concen: 56.05 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BM005309.D
Acq: 07 May 2016 14:56

Instrument :
BNA_M
ClientSampleId :
BC7T4DL

Tot Ion:128 Resp: 1123946
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.4 10.8 16.2

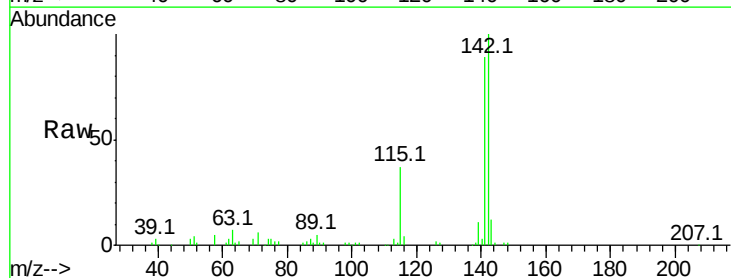


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

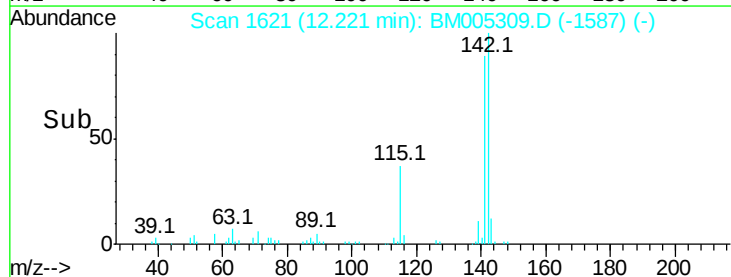
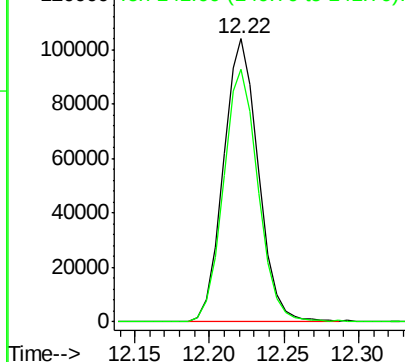


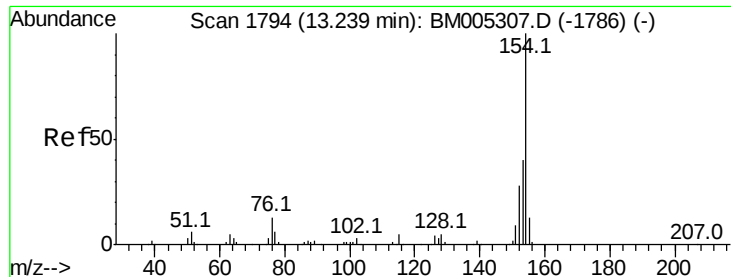
#34
2-Methylnaphthalene
Concen: 11.34 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BM005309.D
Acq: 07 May 2016 14:56

Tgt Ion:142 Resp: 170145
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

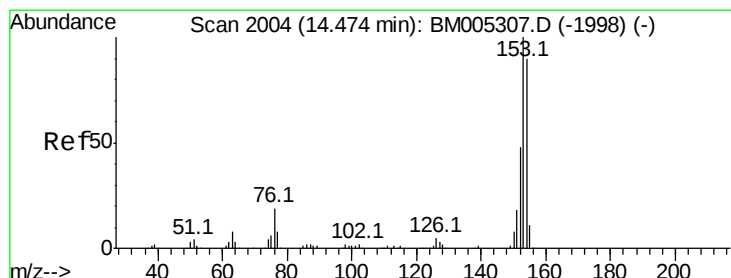
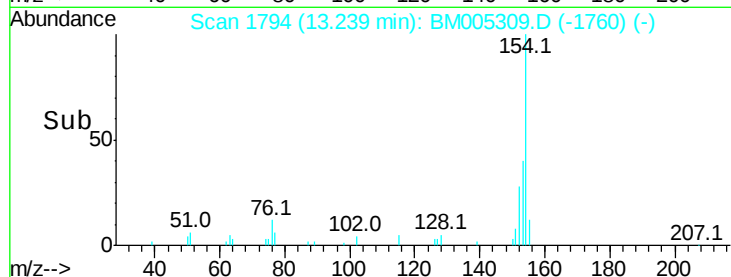
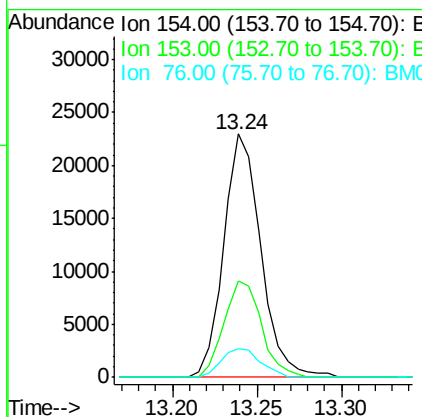
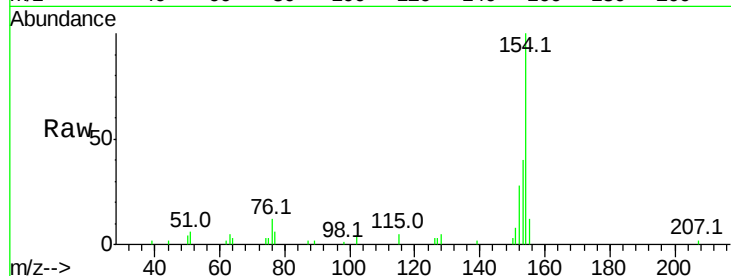




#40
 1,1'-Biphenyl
 Concen: 1.65 ng/ul
 RT: 13.24 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BM005309.D
 Acq: 07 May 2016 14:56

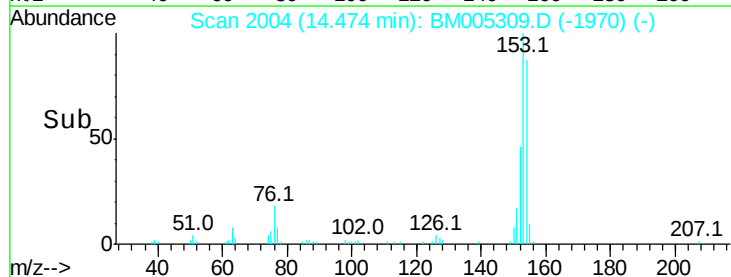
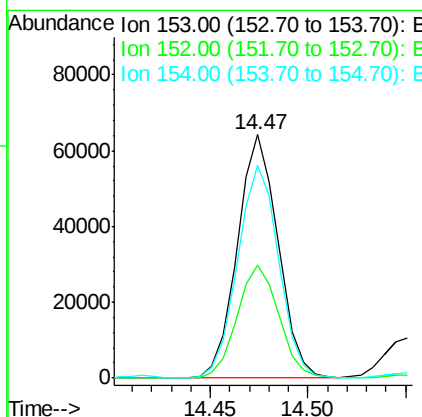
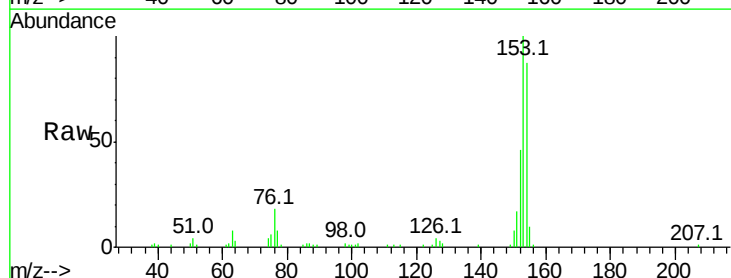
Instrument :
 BNA_M
 ClientSampleId :
 BC7T4DL

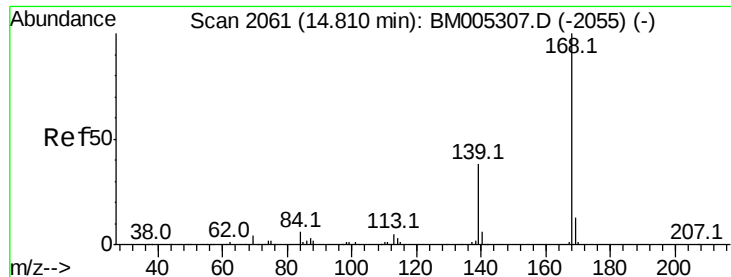
Tot Ion:154 Resp: 35082
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.1 48.1
 76 11.9 10.6 15.8



#49
 Acenaphthene
 Concen: 5.26 ng/ul
 RT: 14.47 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BM005309.D
 Acq: 07 May 2016 14:56

Tgt Ion:153 Resp: 92675
 Ion Ratio Lower Upper
 153 100
 152 46.4 38.9 58.3
 154 87.4 70.3 105.5





#53

Dibenzenofuran

Concen: 4.53 ng/ul

RT: 14.81 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BM005309.D

Acq: 07 May 2016 14:56

Instrument :

BNA_M

ClientSampleId :

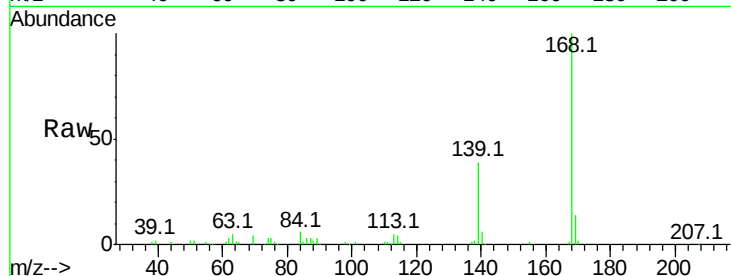
BC7T4DL

Tot Ion:168 Resp: 115778

Ion Ratio Lower Upper

168 100

139 38.7 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

80000

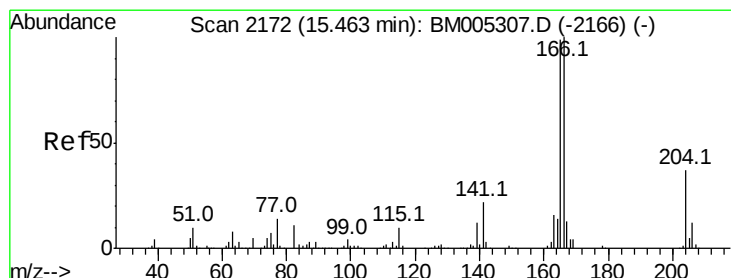
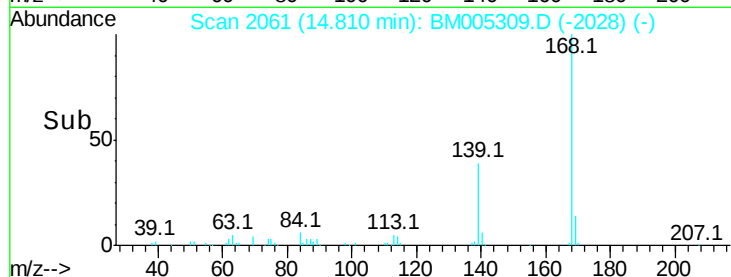
60000

40000

20000

0

Time--> 14.75 14.80 14.85 14.90



#58

Fluorene

Concen: 4.38 ng/ul

RT: 15.46 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM005309.D

Acq: 07 May 2016 14:56

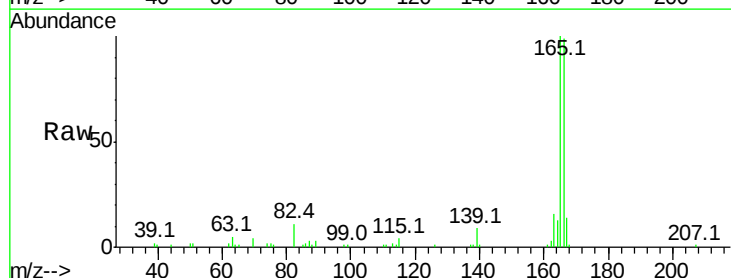
Tgt Ion:166 Resp: 87657

Ion Ratio Lower Upper

166 100

165 101.3 77.9 116.9

167 14.2 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

80000

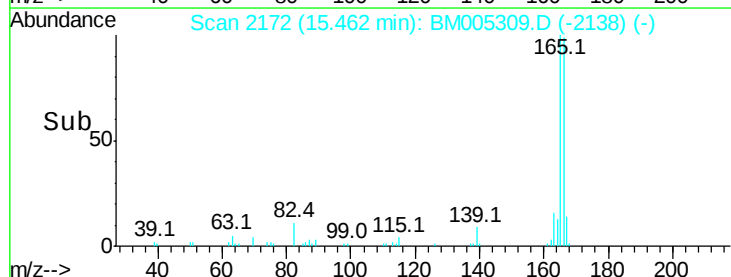
60000

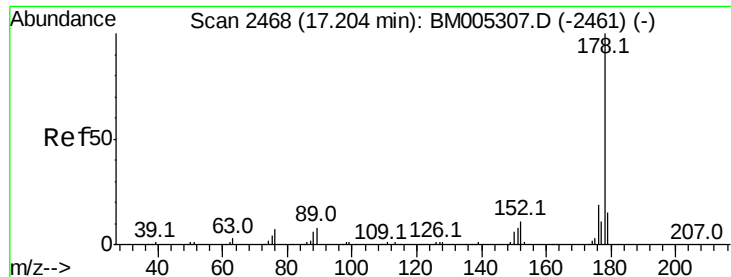
40000

20000

0

Time--> 15.40 15.45 15.50





#69

Phenanthrene

Concen: 5.68 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BM005309.D

Acq: 07 May 2016 14:56

Instrument :

BNA_M

ClientSampleId :

BC7T4DL

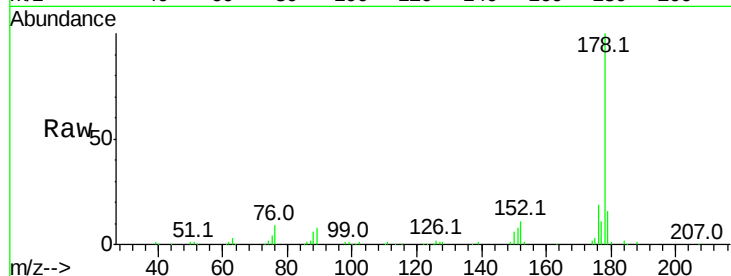
Tot Ion:178 Resp: 196231

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

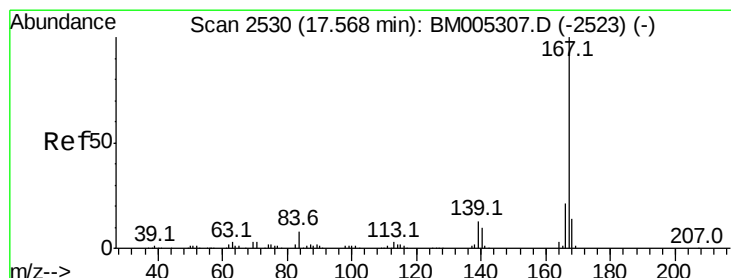
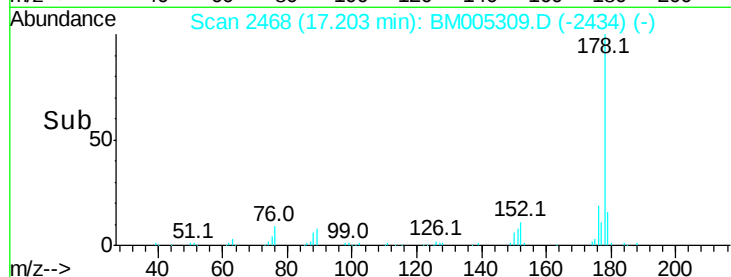
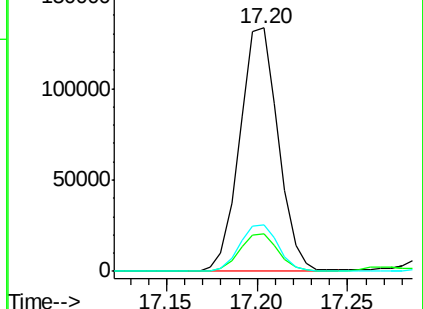
176 18.9 15.2 22.8



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: 1.46 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BM005309.D

Acq: 07 May 2016 14:56

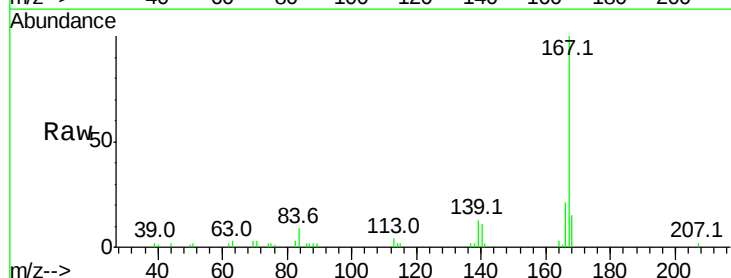
Tgt Ion:167 Resp: 44199

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 13.2 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

