

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012765.D
 Acq On : 06 Nov 2017 06:58
 Operator : SJ/JU
 Sample : I6175-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-B-30

Quant Time: Nov 06 08:20:25 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	148378	20.00	ng/ul	0.01
18) Naphthalene-d8	10.61	136	590490	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	317054	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	581102	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	637347	20.00	ng/ul	0.01
85) Perylene-d12	23.68	264	727069	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2550	0.93	ng/uL	0.00
5) Phenol-d5	7.00	99	63482	5.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	122809	20.52	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	135394	14.72	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	91257	9.58	ng/ul	0.01
19) Nitrobenzene-d5	8.98	128	101429	23.25	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	88114	17.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	162366	15.87	ng/ul	0.02
29) 4-Chloroaniline-d4	10.72	131	127001	12.86	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	467698	17.83	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	568005	17.50	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	16498	3.92	ng/ul	0.03
57) Fluorene-d10	15.45	176	361472	16.09	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	4980	1.30	ng/ul	0.02
70) Anthracene-d10	17.30	188	496353	17.68	ng/ul	0.01
78) Pyrene-d10	19.60	212	503347	17.02	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.53	264	623927	18.15	ng/ul	0.02

Target Compounds

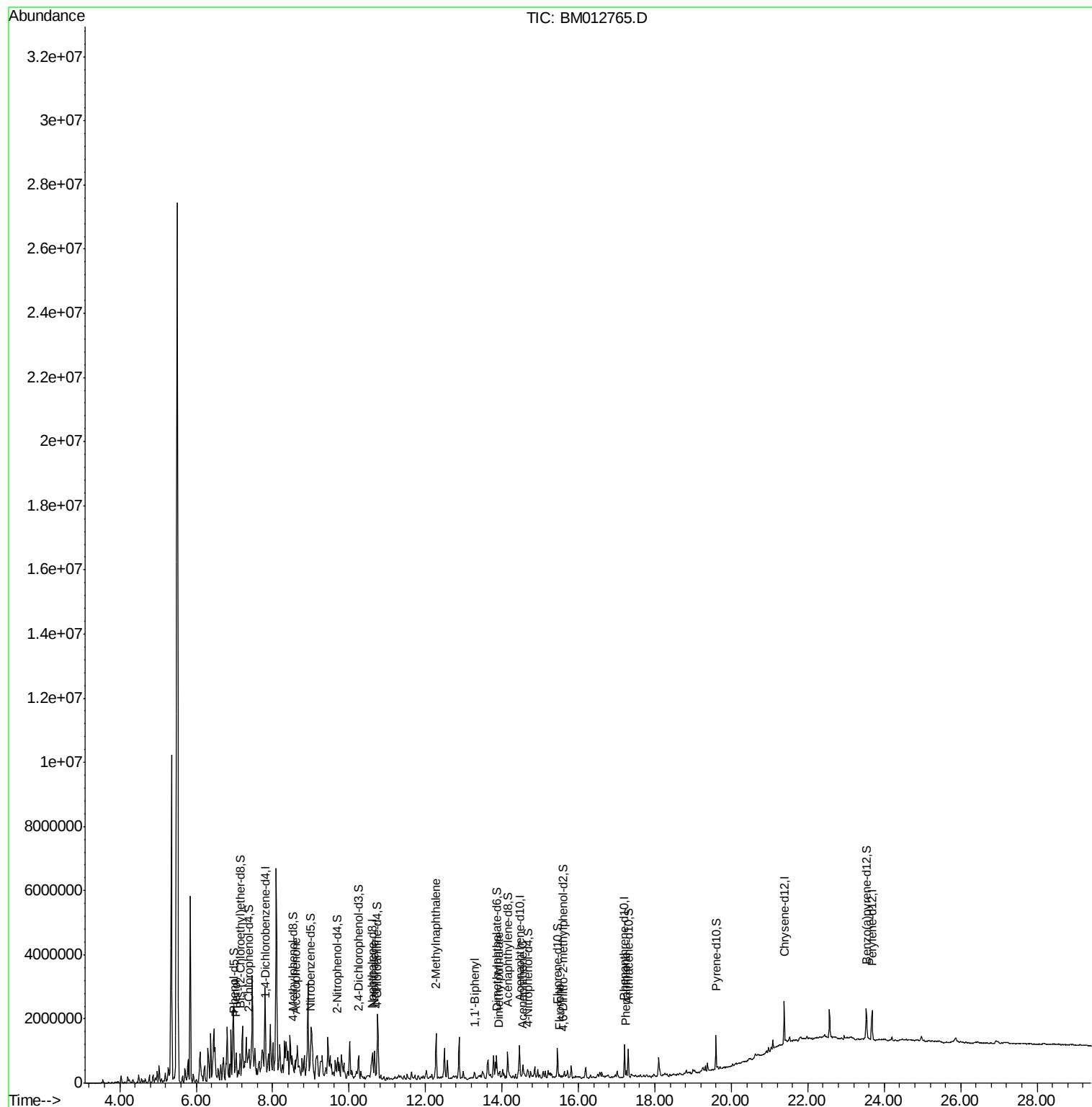
					Qvalue	
6) Phenol	7.03	94	92047	8.122	ng/ul#	91
14) Acetophenone	8.62	105	305732	21.321	ng/ul#	37
28) Naphthalene	10.66	128	545882	18.491	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	646782	28.667	ng/ul	98
40) 1,1'-Biphenyl	13.29	154	40205	1.533	ng/ul	94
44) Dimethylphthalate	13.91	163	77917	2.993	ng/ul#	95
49) Acenaphthene	14.52	153	28437	1.327	ng/ul	92
58) Fluorene	15.50	166	28952	1.115	ng/ul#	86
69) Phenanthrene	17.24	178	121271	3.818	ng/ul	96

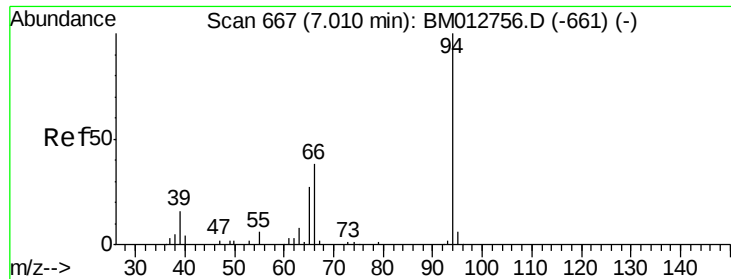
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration





#6

Phenol

Concen: 8.122 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. 0.02 min

Lab File: BM012765.D

Acq: 06 Nov 2017 06:58

Instrument :

BNA_M

ClientSampleId :

TWP-B-30

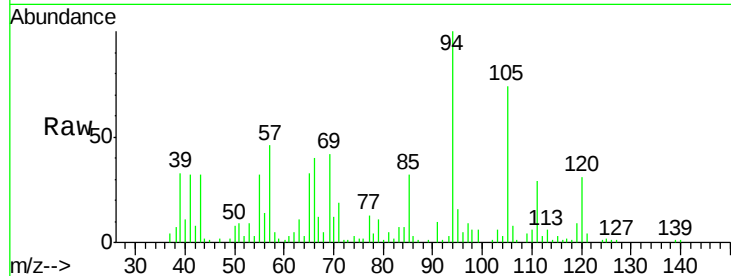
Tgt Ion: 94 Resp: 92047

Ion Ratio Lower Upper

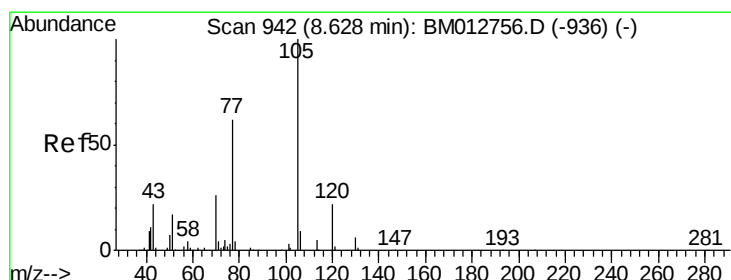
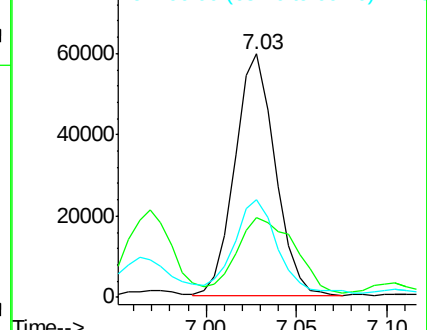
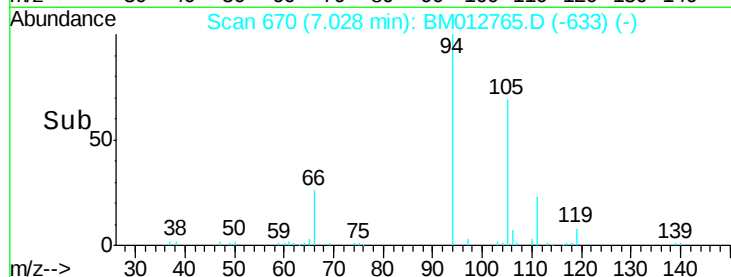
94 100

65 32.5 21.0 31.6#

66 40.2 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012765.D (-633) (-)



#14

Acetophenone

Concen: 21.321 ng/ul

RT: 8.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BM012765.D

Acq: 06 Nov 2017 06:58

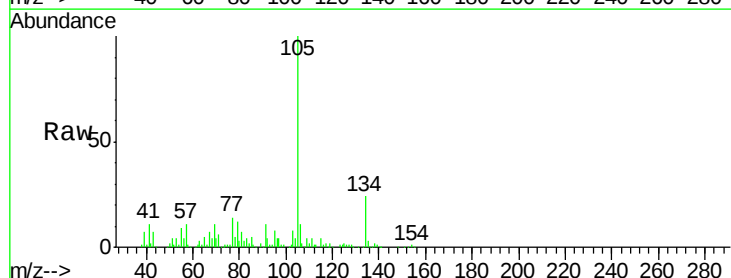
Tgt Ion: 105 Resp: 305732

Ion Ratio Lower Upper

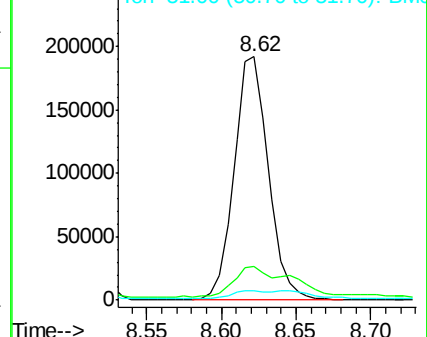
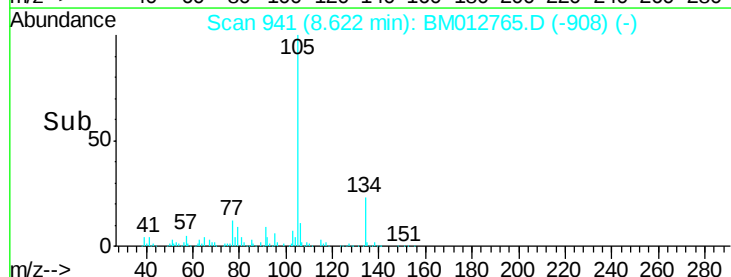
105 100

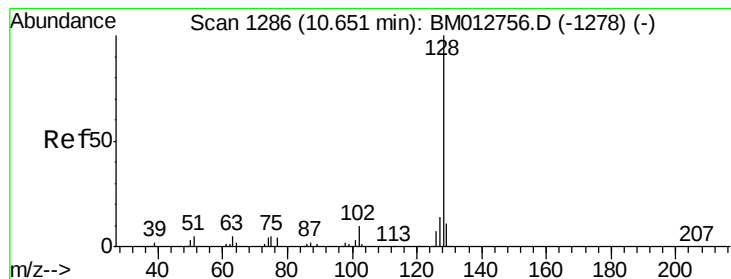
77 13.8 59.0 88.4#

51 3.8 16.4 24.6#



Abundance Ion 105.00 (104.70 to 105.70): BM012765.D (-908) (-)





#28

Naphthalene

Concen: 18.491 ng/ul

RT: 10.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BM012765.D

Acq: 06 Nov 2017 06:58

Instrument :

BNA_M

ClientSampleId :

TWP-B-30

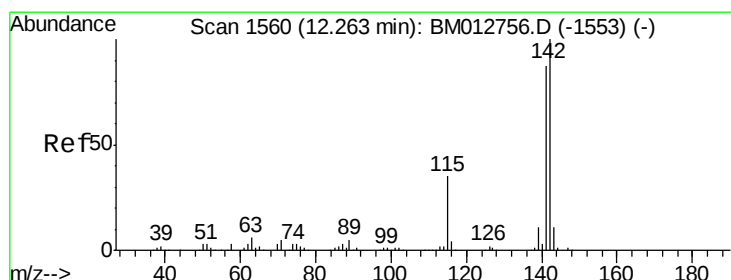
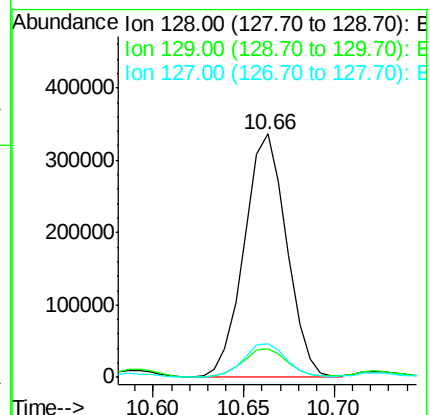
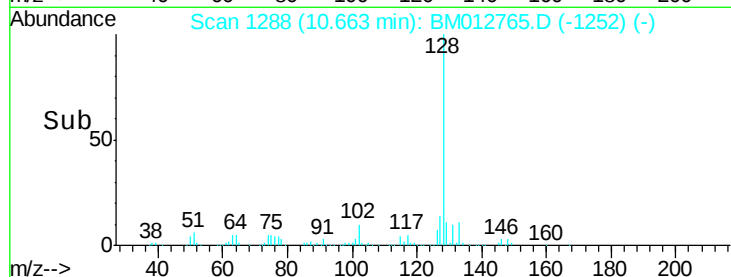
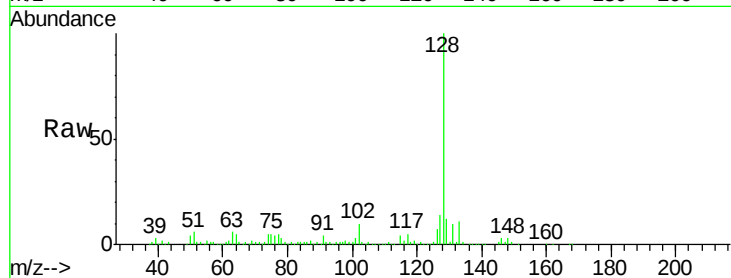
Tgt Ion:128 Resp: 545882

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

127 13.9 10.5 15.7



#34

2-Methylnaphthalene

Concen: 28.667 ng/ul

RT: 12.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BM012765.D

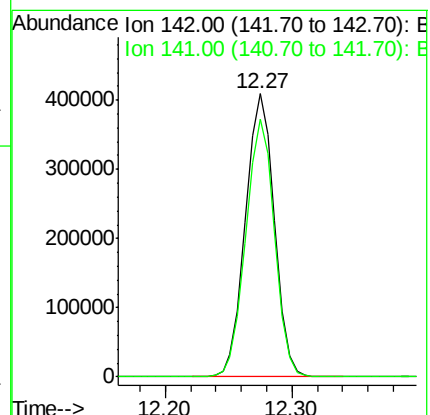
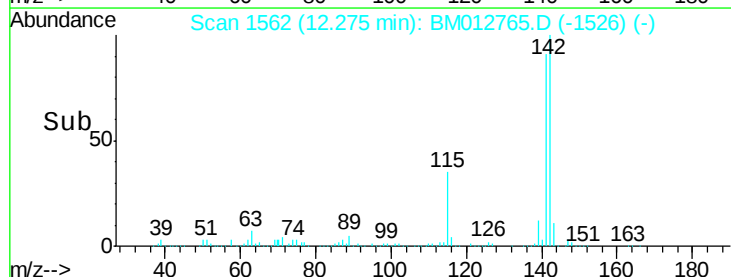
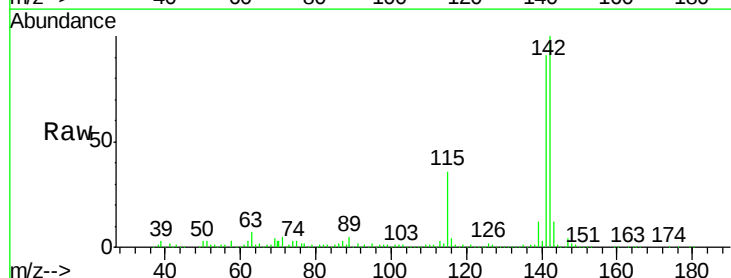
Acq: 06 Nov 2017 06:58

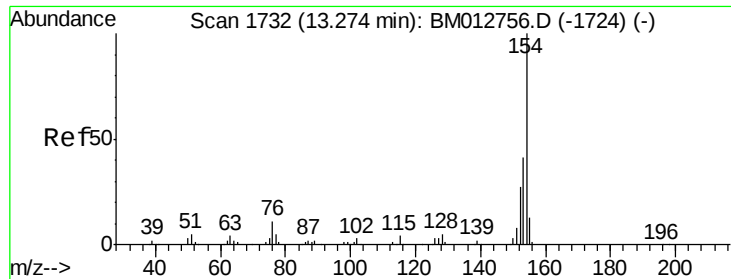
Tgt Ion:142 Resp: 646782

Ion Ratio Lower Upper

142 100

141 90.9 71.6 107.4





#40

1,1'-Biphenyl

Concen: 1.533 ng/ul

RT: 13.29 min Scan# 1734

Delta R.T. 0.01 min

Lab File: BM012765.D

Acq: 06 Nov 2017 06:58

Instrument :

BNA_M

ClientSampleId :

TWP-B-30

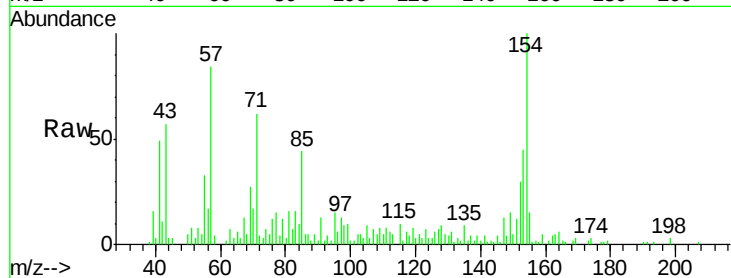
Tgt Ion:154 Resp: 40205

Ion Ratio Lower Upper

154 100

153 44.6 32.1 48.1

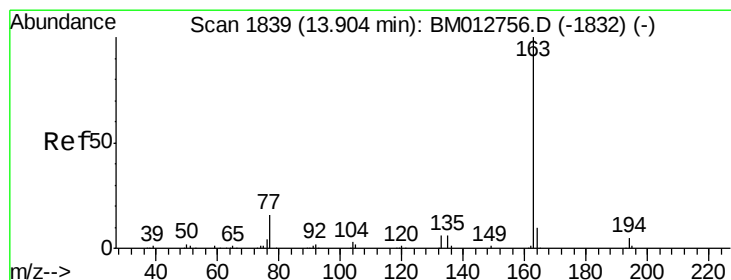
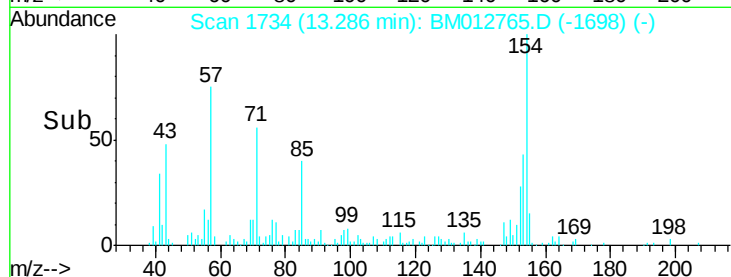
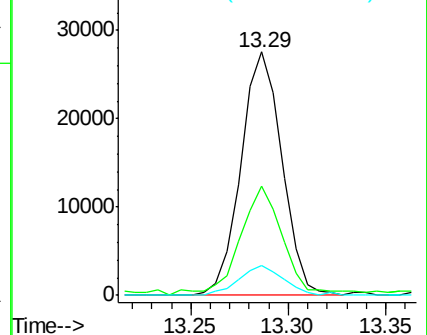
76 12.2 9.5 14.3



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



#44

Dimethylphthalate

Concen: 2.993 ng/ul

RT: 13.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BM012765.D

Acq: 06 Nov 2017 06:58

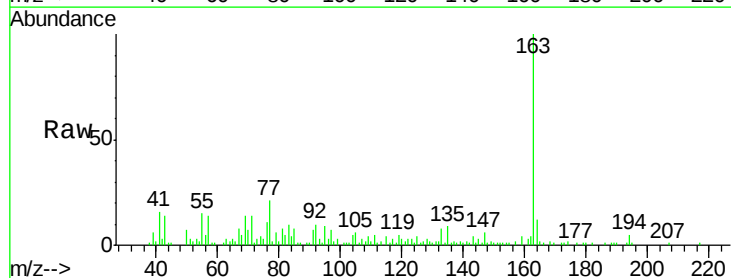
Tgt Ion:163 Resp: 77917

Ion Ratio Lower Upper

163 100

194 4.9 3.2 4.8#

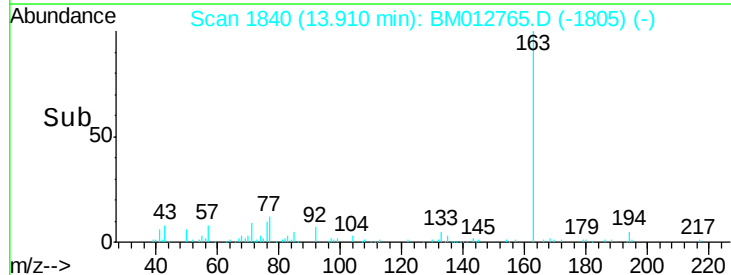
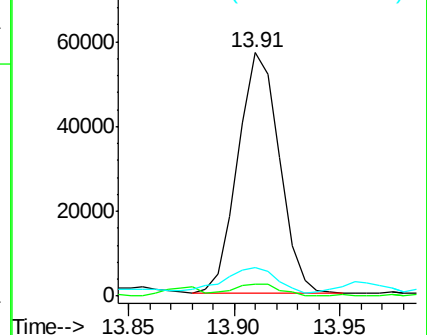
164 11.7 7.8 11.8

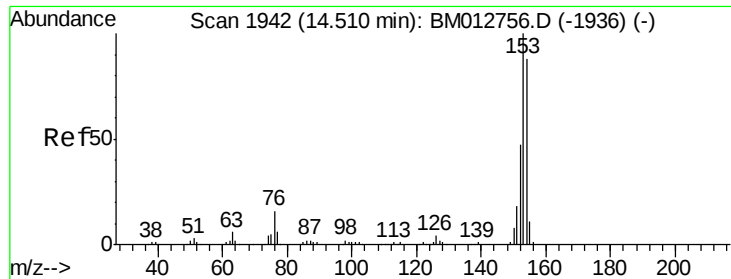


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 1.327 ng/ul

RT: 14.52 min Scan# 1944

Delta R.T. 0.01 min

Lab File: BM012765.D

Acq: 06 Nov 2017 06:58

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BNA_M

ClientSampleId :

TWP-B-30

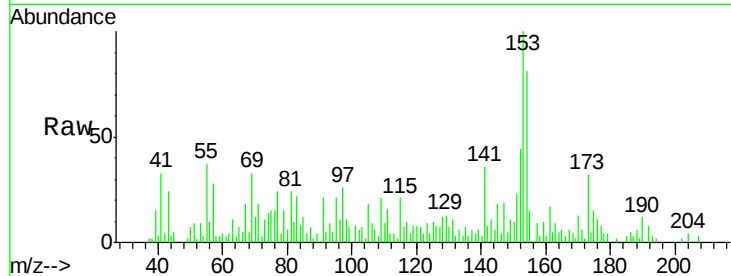
Tgt Ion:153 Resp: 28437

Ion Ratio Lower Upper

153 100

152 43.9 38.3 57.5

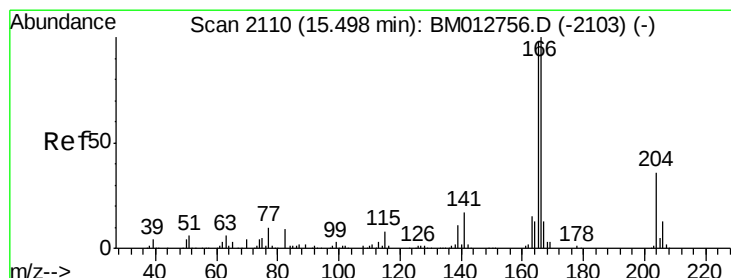
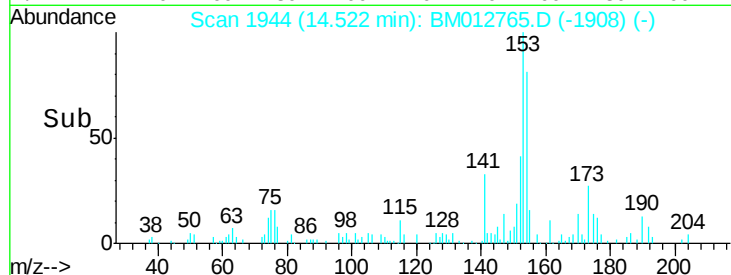
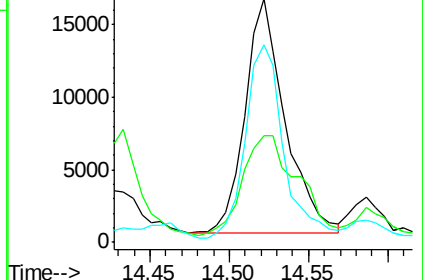
154 81.0 71.8 107.8



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



#58

Fluorene

Concen: 1.115 ng/ul

RT: 15.50 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BM012765.D

Acq: 06 Nov 2017 06:58

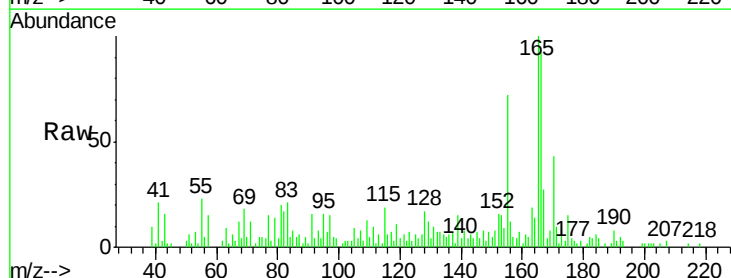
Tgt Ion:166 Resp: 28952

Ion Ratio Lower Upper

166 100

165 108.1 78.5 117.7

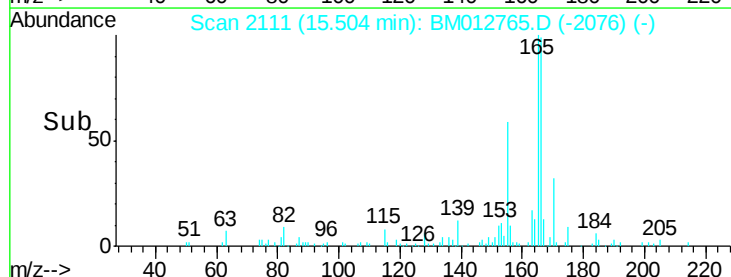
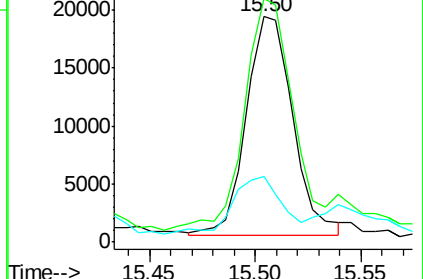
167 29.0 10.7 16.1#

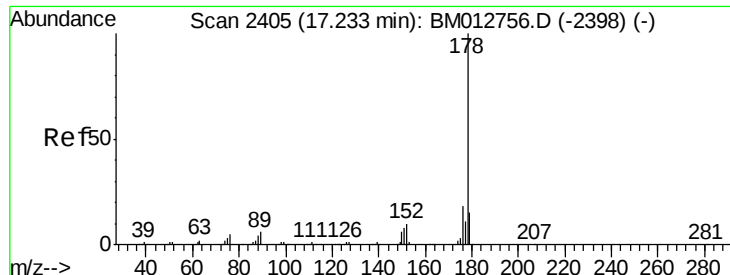


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 3.818 ng/ul

RT: 17.24 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BM012765.D

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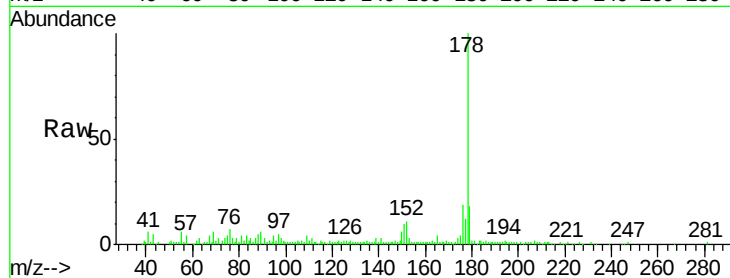
Tgt Ion:178 Resp: 121271

Ion Ratio Lower Upper

178 100

179 18.2 12.2 18.4

176 19.0 15.6 23.4



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

