

Data File : BM012148.D
Acq On : 13 Oct 2017 23:13
Operator : SJ/JU
Sample : I5772-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE2N7

Quant Time: Oct 14 04:34:30 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 04:34:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	194043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	863377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	548388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1302820	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1287090	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1132916	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	23655	5.79	ng/uL	0.00
5) Phenol-d5	6.99	99	133431	8.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	332910	35.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	395130	29.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	282370	20.83	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	249500	37.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	301922	39.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	513590	34.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	7650	0.56	ng/ul	-0.04
43) Dimethylphthalate-d6	13.89	166	2008255	41.43	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2267790	38.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	63529	8.72	ng/ul	0.00
57) Fluorene-d10	15.47	176	1642520	41.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	342082	38.26	ng/ul	0.00
70) Anthracene-d10	17.33	188	2620660	40.68	ng/ul	0.00
76) Pyrene-d10	19.62	212	2914227	44.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2261511	41.41	ng/ul	0.00

Target Compounds

						Qvalue
17) Hexachloroethane	8.93	117	6590	1.15	ng/ul#	1
28) Naphthalene	10.68	128	98207	2.20	ng/ul	97
40) 1,1'-Biphenyl	13.31	154	143297	3.10	ng/ul	99
49) Acenaphthene	14.54	153	763658	19.68	ng/ul	99
53) Dibenzofuran	14.87	168	1135269	20.32	ng/ul	100
58) Fluorene	15.53	166	429480	9.25	ng/ul#	98
72) Carbazole	17.63	167	1561681	24.05	ng/ul	99

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

Data File : BM012148.D

Acq On : 13 Oct 2017 23:13

Operator : SJ/JU

Sample : I5772-09

Misc :

ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

BE2N7

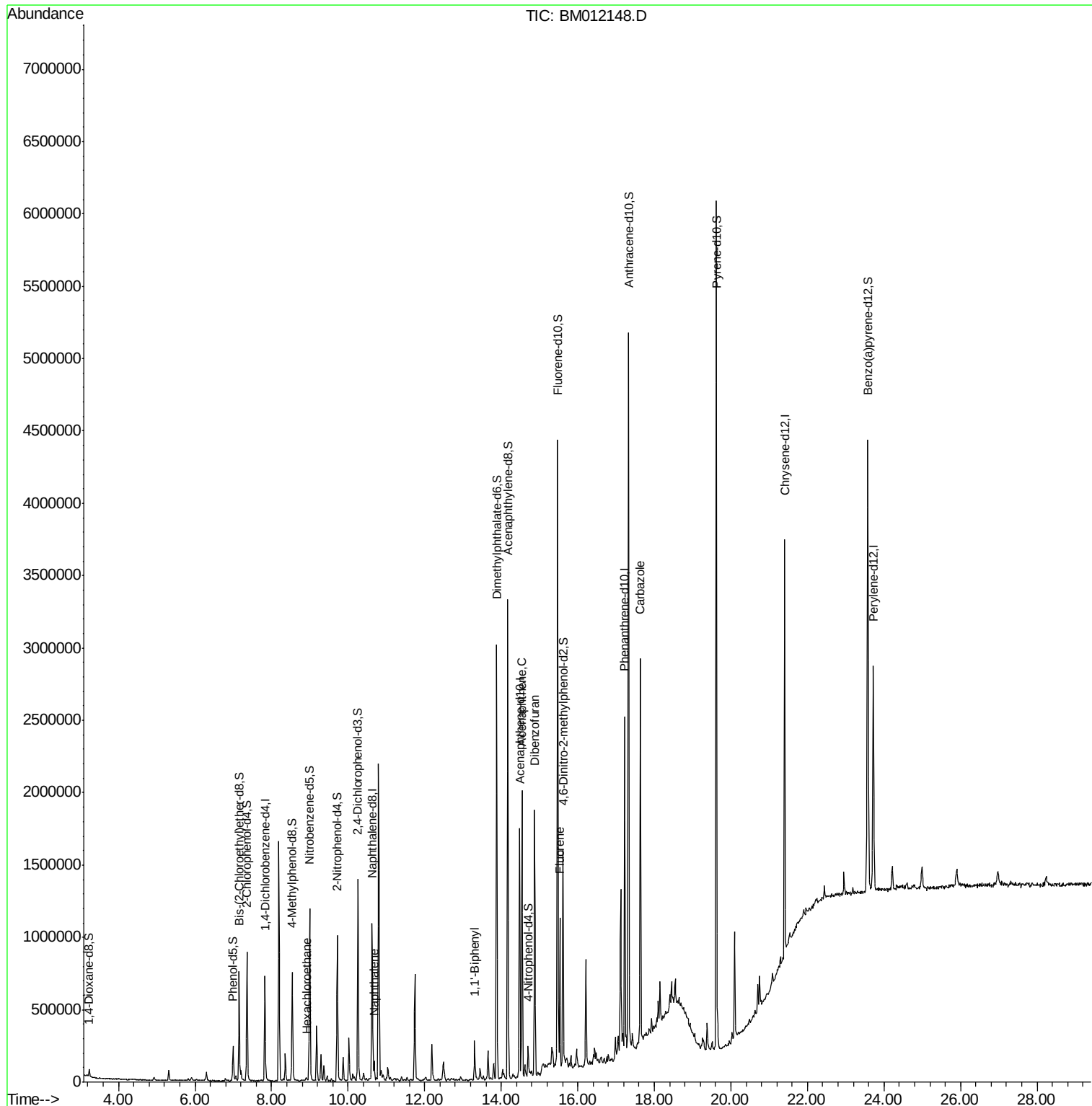
Quant Time: Oct 14 04:34:30 2017

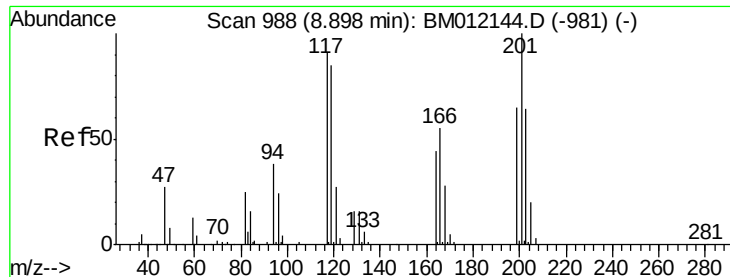
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Oct 14 04:34:07 2017

Response via : Initial Calibration





#17

Hexachloroethane

Concen: 1.15 ng/ul

RT: 8.93 min Scan# 993

Delta R.T. 0.03 min

Lab File: BM012148.D

Acq: 13 Oct 2017 23:13

Instrument :

BNA_M

ClientSampleId :

BE2N7

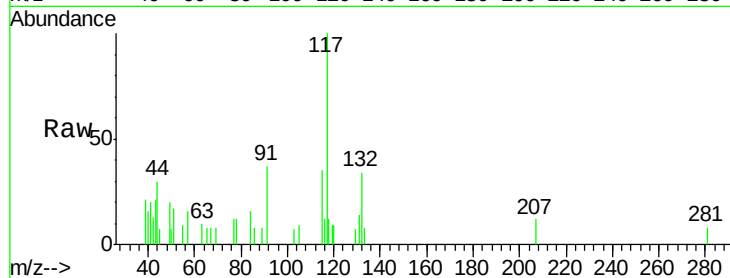
Tgt Ion:117 Resp: 6590

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

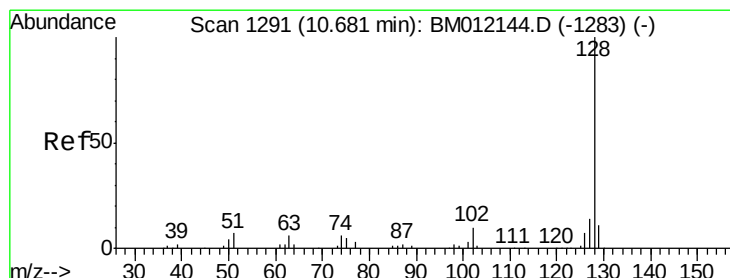
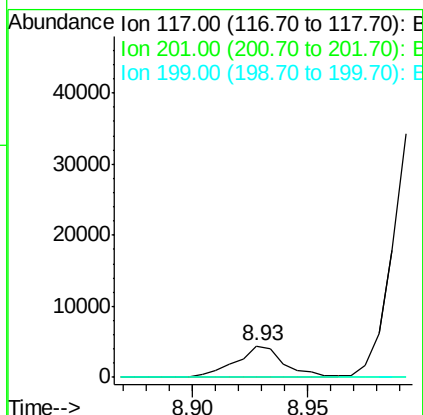
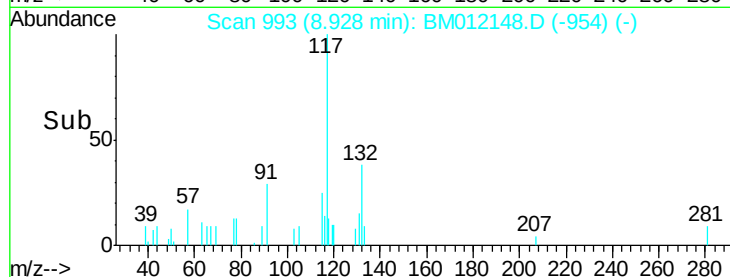
199 0.0 67.8 101.6#



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: 2.20 ng/ul

RT: 10.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BM012148.D

Acq: 13 Oct 2017 23:13

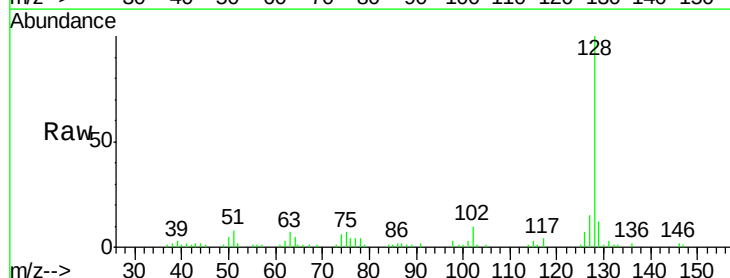
Tgt Ion:128 Resp: 98207

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

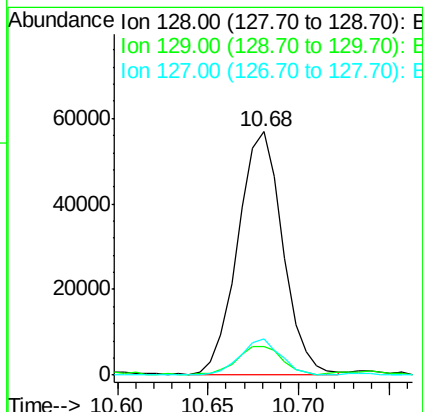
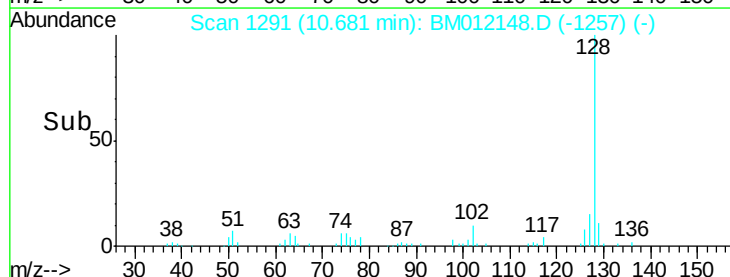
127 14.8 10.6 16.0

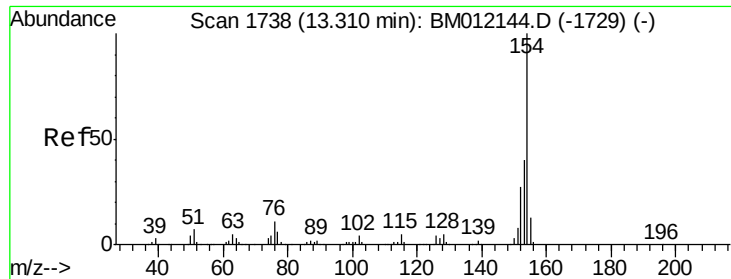


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

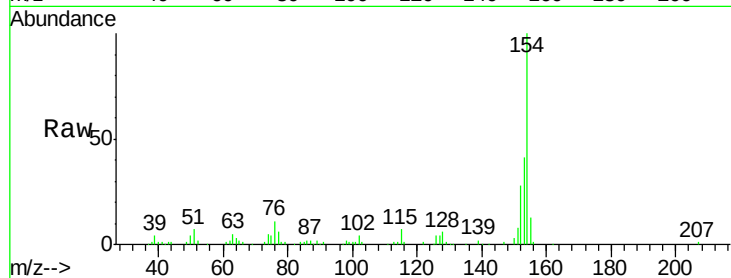




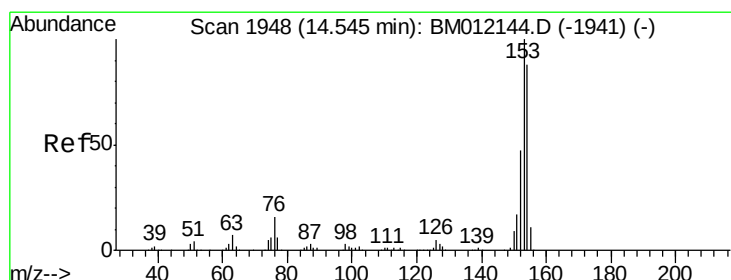
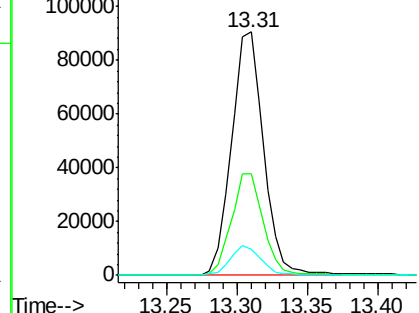
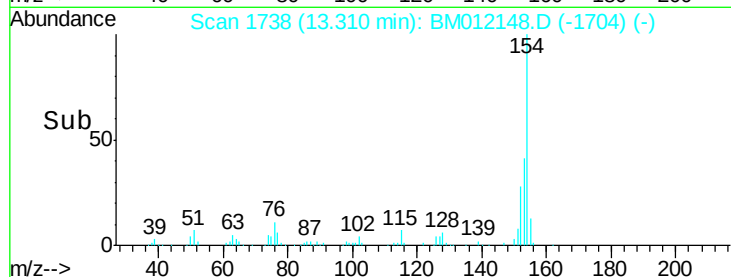
#40
1,1'-Biphenyl
Concen: 3.10 ng/ul
RT: 13.31 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BM012148.D
Acq: 13 Oct 2017 23:13

Instrument :
BNA_M
ClientSampleId :
BE2N7

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.6	48.8
76	10.6	8.5	12.7

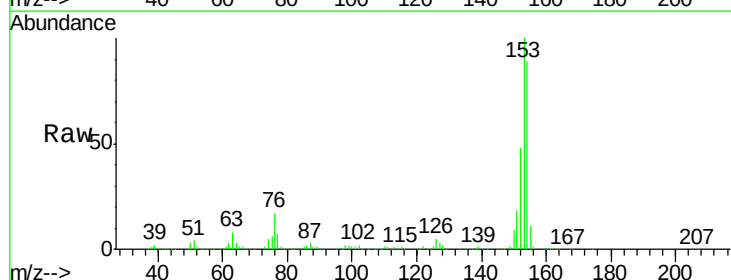


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0

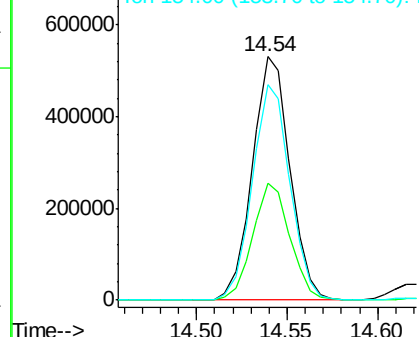
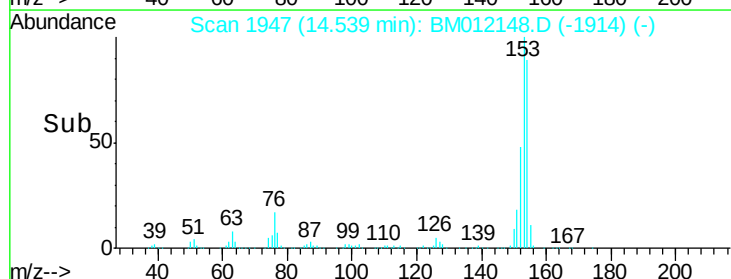


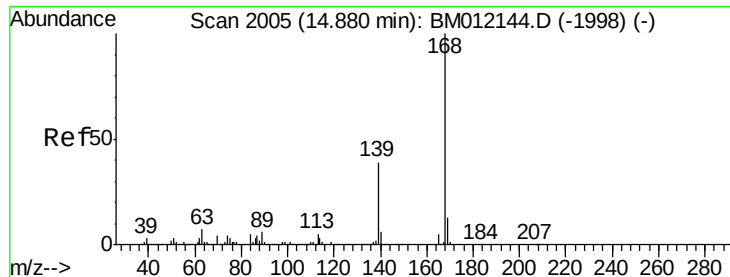
#49
Acenaphthene
Concen: 19.68 ng/ul
RT: 14.54 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BM012148.D
Acq: 13 Oct 2017 23:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.6	56.4
154	88.5	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

Dibenzenofuran

Concen: 20.32 ng/ul

RT: 14.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM012148.D

Acq: 13 Oct 2017 23:13

Instrument :

BNA_M

ClientSampleId :

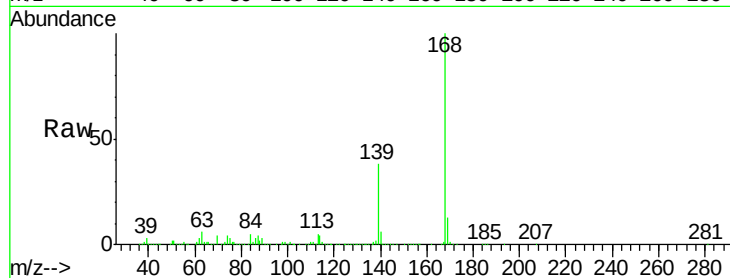
BE2N7

Tgt Ion:168 Resp: 1135269

Ion Ratio Lower Upper

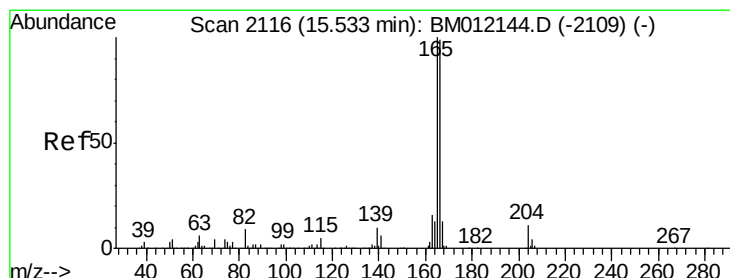
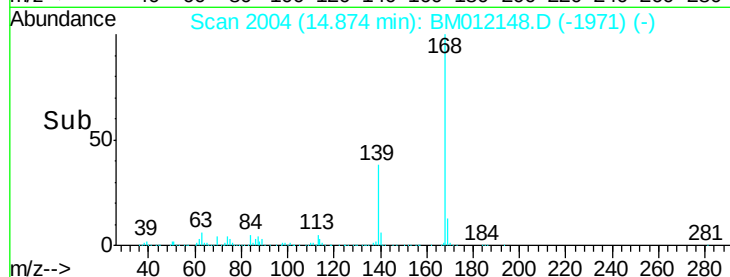
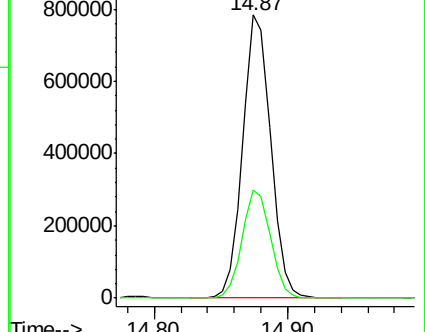
168 100

139 38.4 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: 9.25 ng/ul

RT: 15.53 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM012148.D

Acq: 13 Oct 2017 23:13

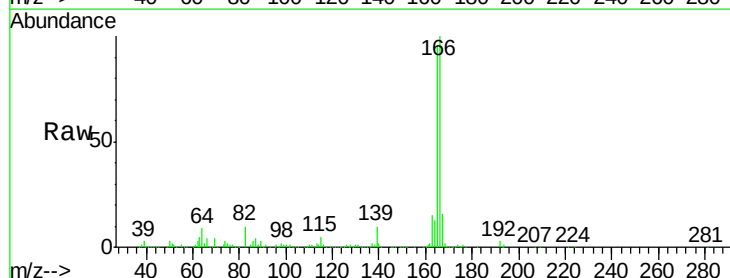
Tgt Ion:166 Resp: 429480

Ion Ratio Lower Upper

166 100

165 96.2 77.9 116.9

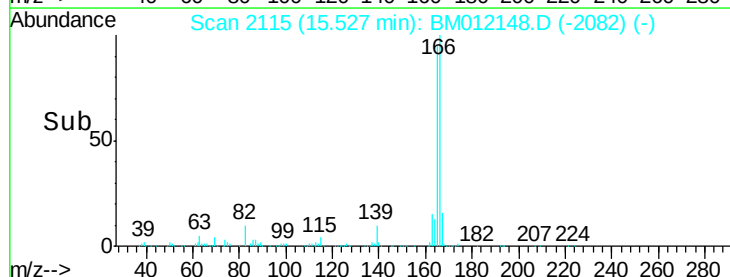
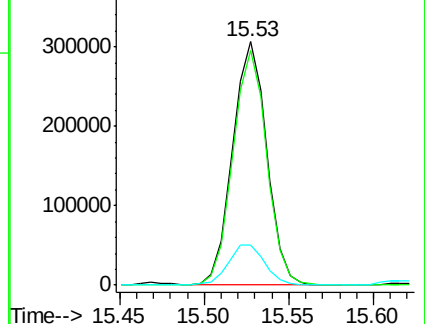
167 16.4 10.6 16.0#

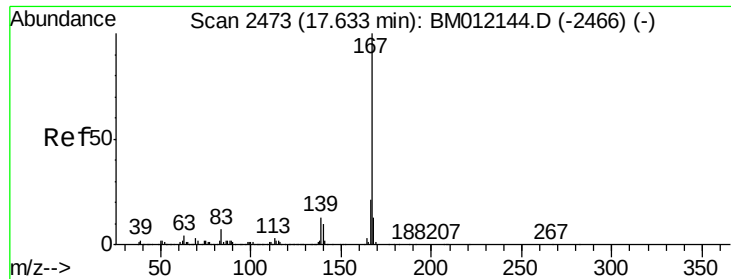


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#72

Carbazole

Concen: 24.05 ng/ul

RT: 17.63 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BM012148.D

Acq: 13 Oct 2017 23:13

Instrument :

BNA_M

ClientSampleId :

BE2N7

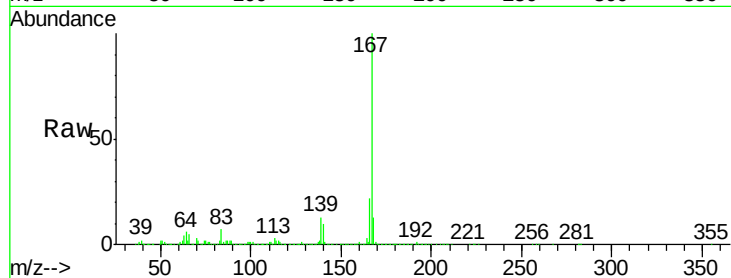
Tgt Ion:167 Resp: 1561681

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 12.9 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

