

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012574.D
 Acq On : 30 Oct 2017 15:40
 Operator : SJ/JU
 Sample : I6120-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 31 03:01:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 03:00:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	339179	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1283182	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	756982	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1685629	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2015791	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2248693	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	42453	6.39	ng/uL	0.00
5) Phenol-d5	7.03	99	205280	7.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	457151	27.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	526280	24.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	358290	14.80	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	363959	45.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	349531	42.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	622651	28.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	362100	15.66	ng/ul	-0.02
43) Dimethylphthalate-d6	13.90	166	1953471	29.54	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2414209	30.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	85391	8.69	ng/ul	0.00
57) Fluorene-d10	15.48	176	1677471	29.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	320269	39.26	ng/ul	0.00
70) Anthracene-d10	17.33	188	2655425	33.06	ng/ul	0.00
76) Pyrene-d10	19.62	212	2987281	32.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	3511762	32.87	ng/ul	0.00

Target Compounds

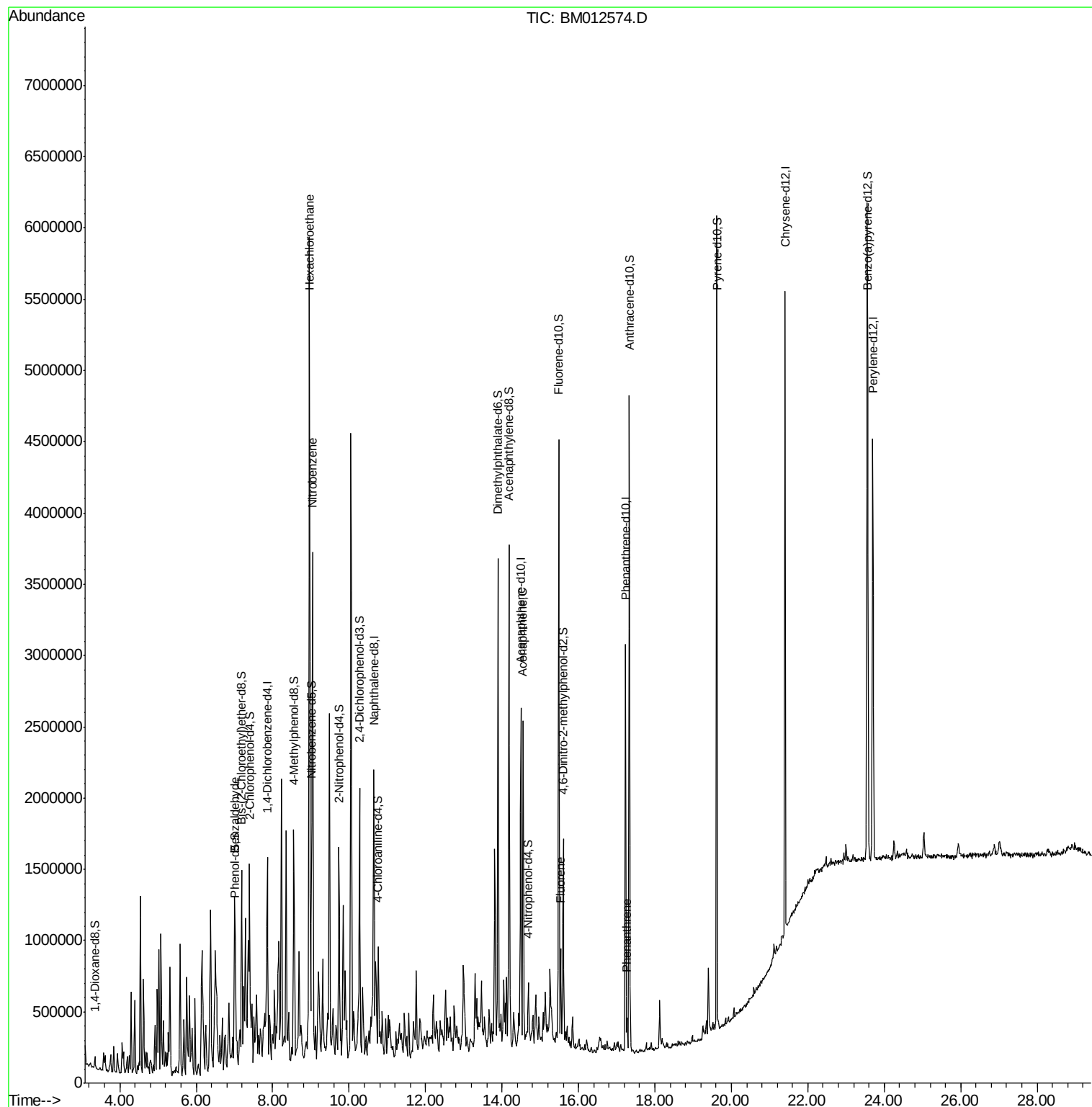
						Ovalue
4) Benzaldehyde	7.00	77	16968	1.10	ng/ul#	20
17) Hexachloroethane	8.96	117	746644	81.13	ng/ul#	1
20) Nitrobenzene	9.05	77	136613	5.90	ng/ul#	12
49) Acenaphthene	14.55	153	633964	12.40	ng/ul	99
58) Fluorene	15.54	166	289093	4.52	ng/ul	100
69) Phenanthrene	17.27	178	138915	1.52	ng/ul	95

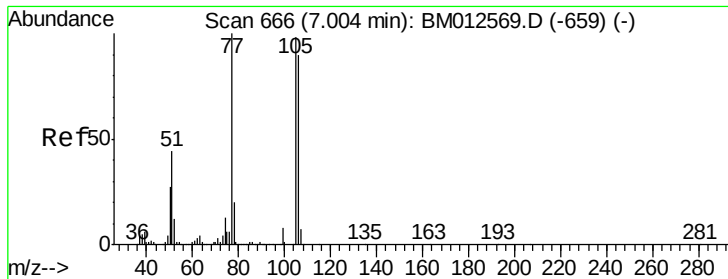
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
ClientSampled :

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#4

Benzaldehyde

Concen: 1.10 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM012574.D

Acq: 30 Oct 2017 15:40

Instrument :

BNA_M

ClientSampled :

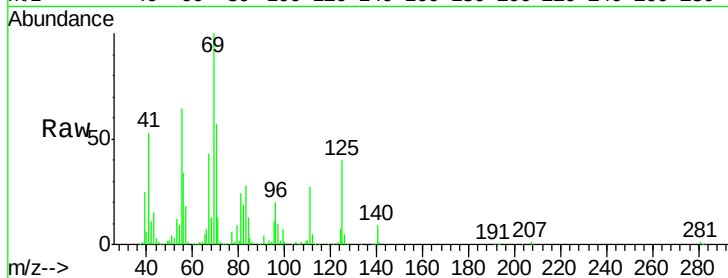
Tot Ion: 77 Resp: 16968

Ion Ratio Lower Upper

77 100

105 18.1 66.1 99.1#

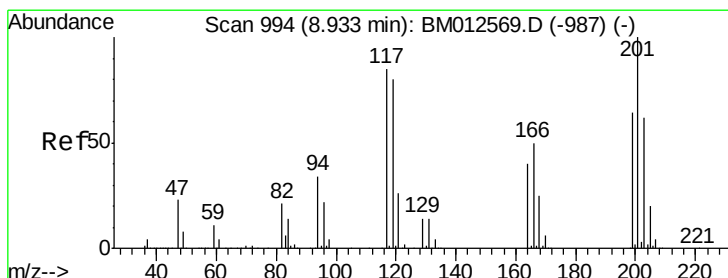
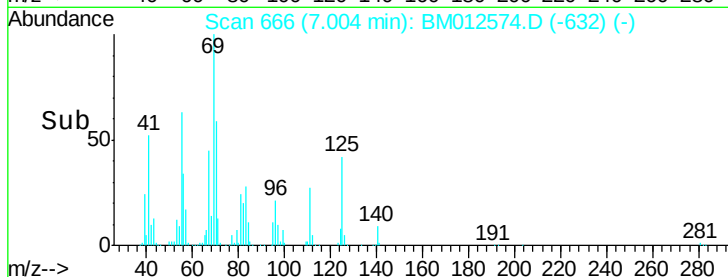
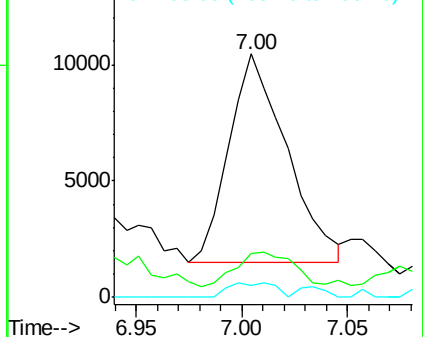
106 4.8 67.8 101.6#



Abundance Ion 77.00 (76.70 to 77.70): BM012569.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM012569.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM012569.D (-659) (-)



#17

Hexachloroethane

Concen: 81.13 ng/ul

RT: 8.96 min Scan# 999

Delta R.T. 0.03 min

Lab File: BM012574.D

Acq: 30 Oct 2017 15:40

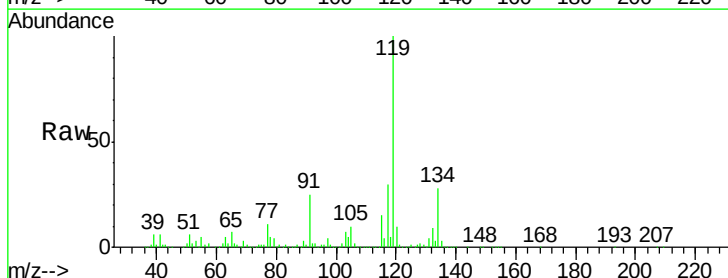
Tgt Ion: 117 Resp: 746644

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

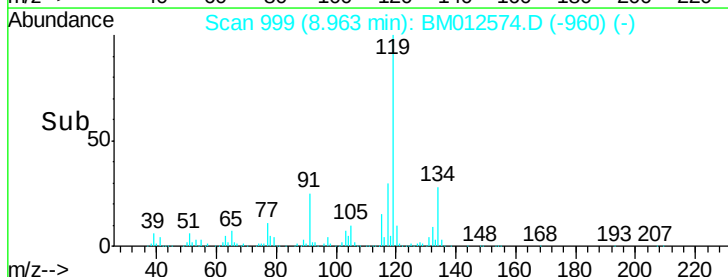
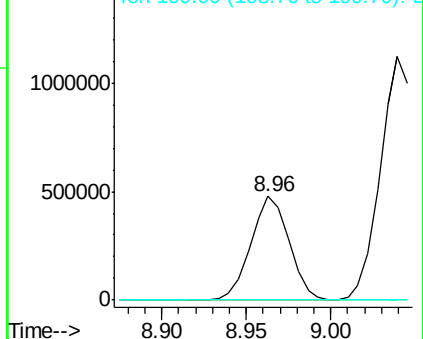
199 0.0 67.8 101.6#

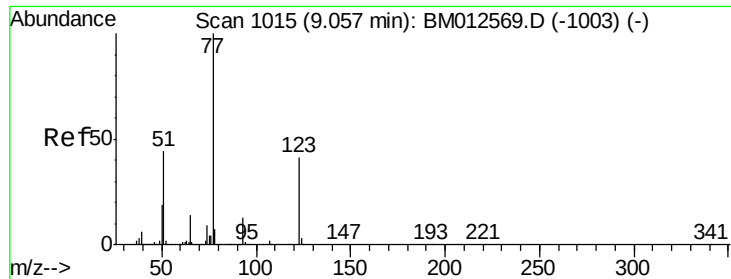


Abundance Ion 117.00 (116.70 to 117.70): BM012569.D (-987) (-)

Ion 201.00 (200.70 to 201.70): BM012569.D (-987) (-)

Ion 199.00 (198.70 to 199.70): BM012569.D (-987) (-)

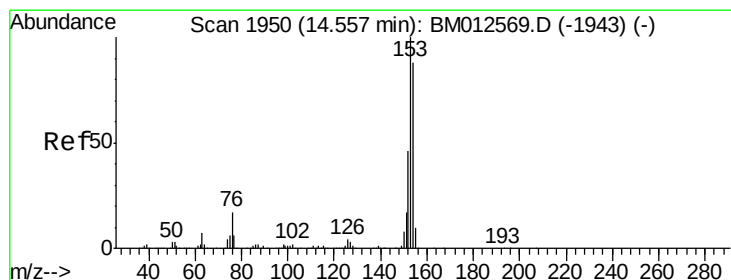
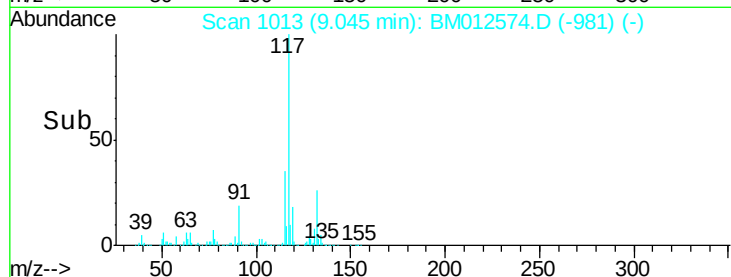
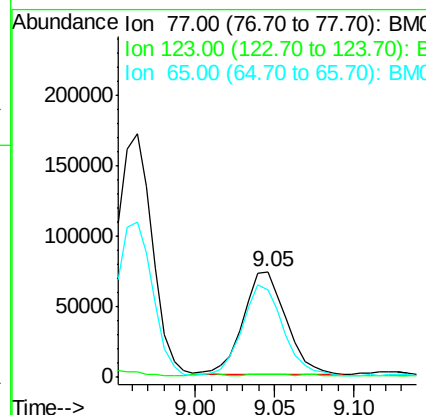
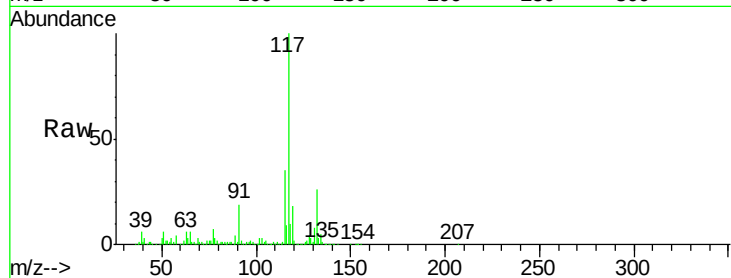




#20
Nitrobenzene
Concen: 5.90 ng/ul
RT: 9.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM012574.D
Acq: 30 Oct 2017 15:40

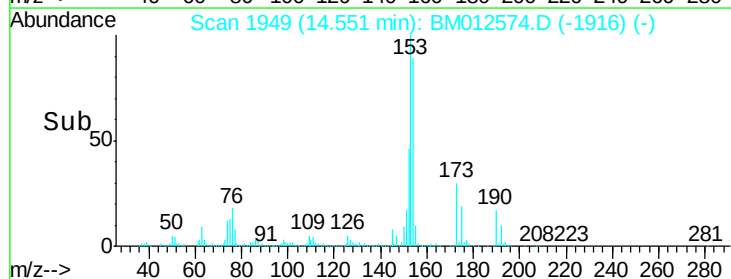
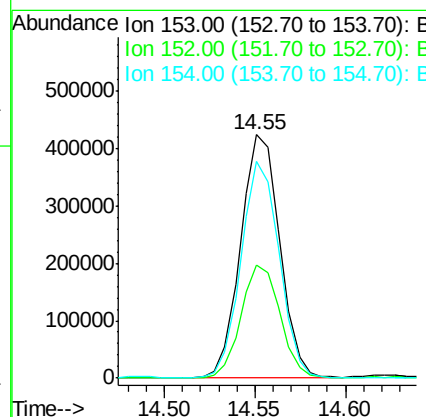
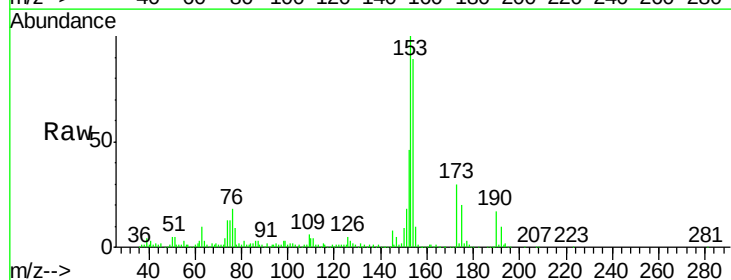
Instrument :
BNA_M
ClientSampleId :

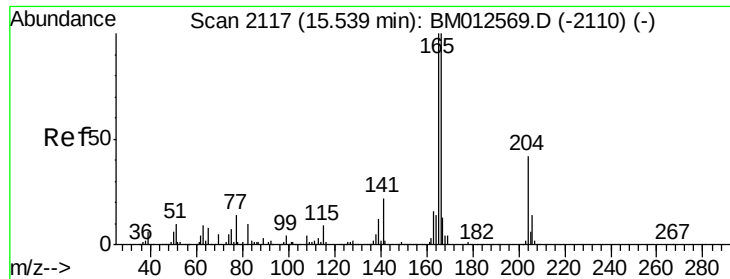
Tot Ion	Ratio	Lower	Upper
77	100		
123	2.8	31.0	46.6#
65	82.9	12.2	18.2#



#49
Acenaphthene
Concen: 12.40 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM012574.D
Acq: 30 Oct 2017 15:40

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.6	56.4
154	89.1	70.4	105.6





#58

Fluorene

Concen: 4.52 ng/ul

RT: 15.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BM012574.D

Acq: 30 Oct 2017 15:40

Instrument :

BNA_M

ClientSampleId :

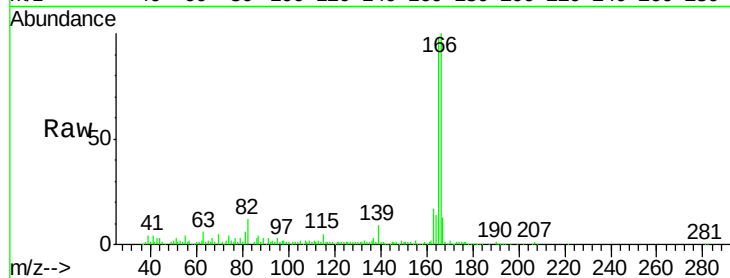
Tot Ion:166 Resp: 289093

Ion Ratio Lower Upper

166 100

165 97.9 77.9 116.9

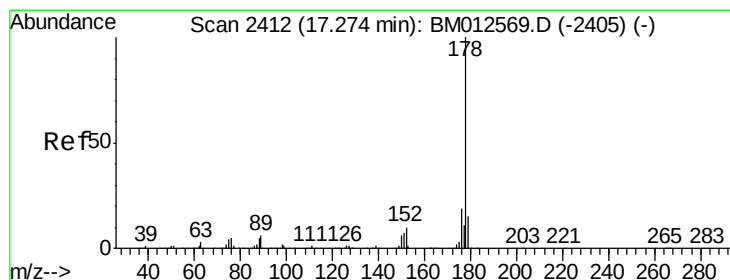
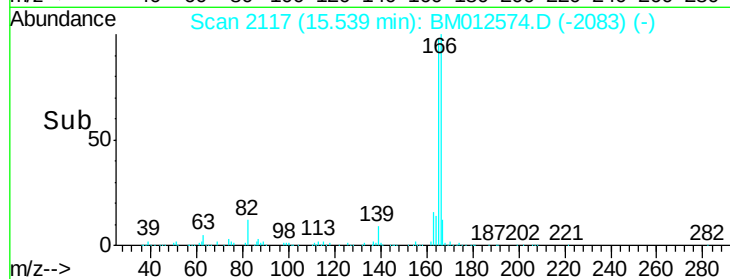
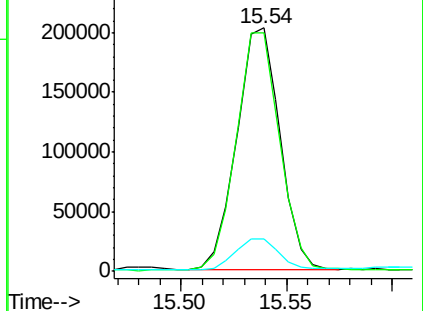
167 13.3 10.6 16.0



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: 1.52 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BM012574.D

Acq: 30 Oct 2017 15:40

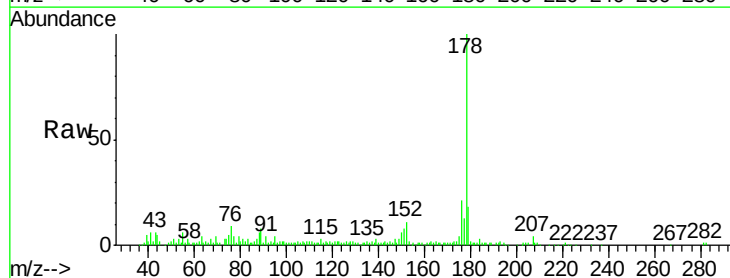
Tgt Ion:178 Resp: 138915

Ion Ratio Lower Upper

178 100

179 18.5 12.6 19.0

176 20.6 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

