

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013080.D
 Acq On : 22 Nov 2017 11:59
 Operator : SJ/JU
 Sample : I6526-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2Z8

Quant Time: Nov 23 04:36:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 23 04:27:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	214302	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	944833	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	590020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1291521	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1071855	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	895415	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	27622	5.97	ng/uL	0.00
5) Phenol-d5	6.89	99	164864	8.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	368758	35.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	442464	29.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	302017	19.86	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	268809	39.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	297097	46.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	548414	33.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	27822	1.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1788139	34.55	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	2211774	33.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	62407	7.95	ng/ul	0.00
57) Fluorene-d10	15.35	176	1533407	34.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	255616	45.65	ng/ul	0.00
70) Anthracene-d10	17.20	188	2353400	35.59	ng/ul	0.00
76) Pyrene-d10	19.49	212	2300202	42.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1653248	36.41	ng/ul	0.00

Target Compounds

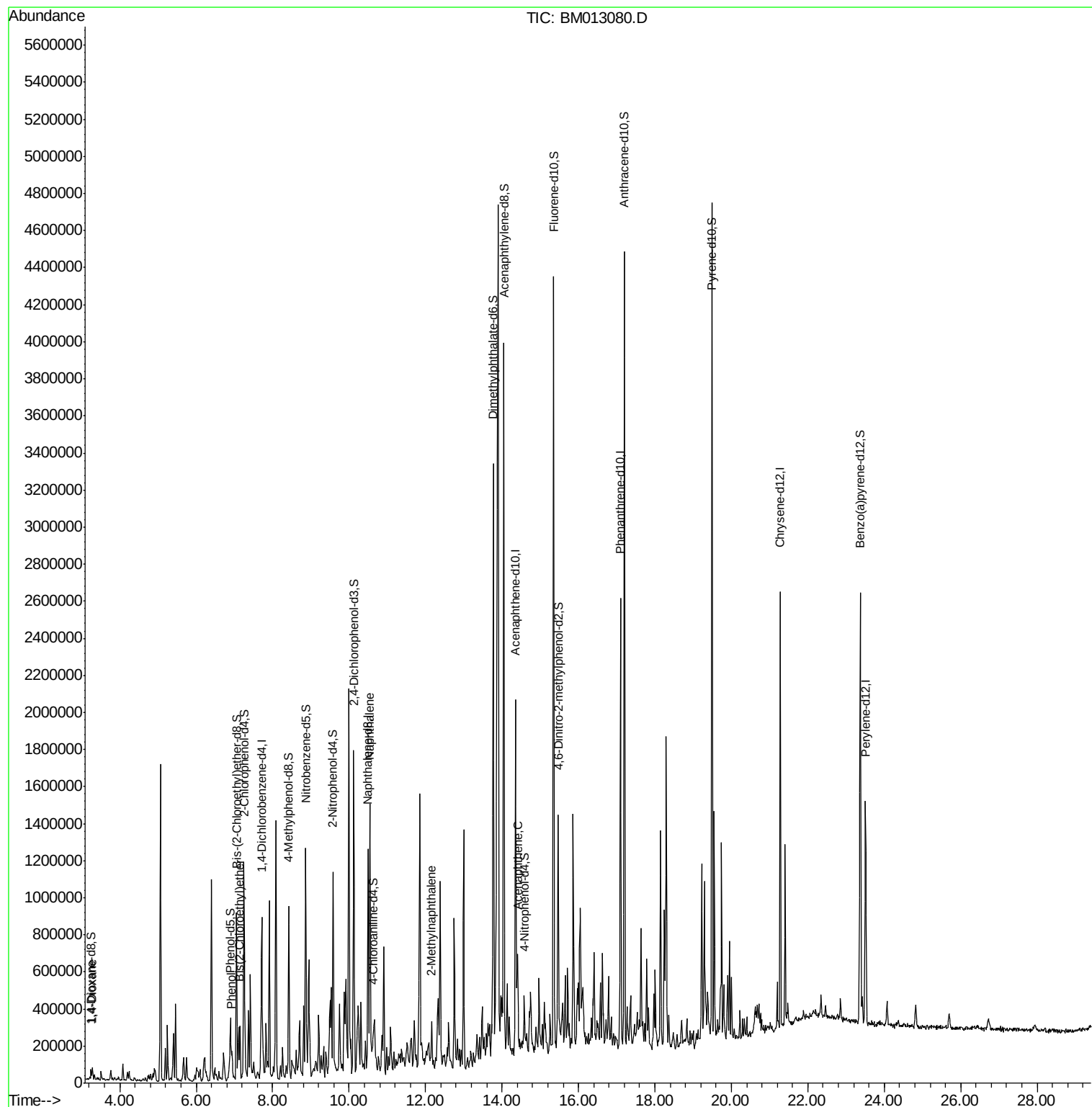
					Ovalue	
2) 1,4-Dioxane	3.28	88	27996	5.508	ng/uL#	71
6) Phenol	6.92	94	48651	2.655	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.15	93	90878	6.588	ng/ul	97
28) Naphthalene	10.55	128	1062976	21.834	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	72418	2.033	ng/ul	92
49) Acenaphthene	14.42	153	158561	3.884	ng/ul	96

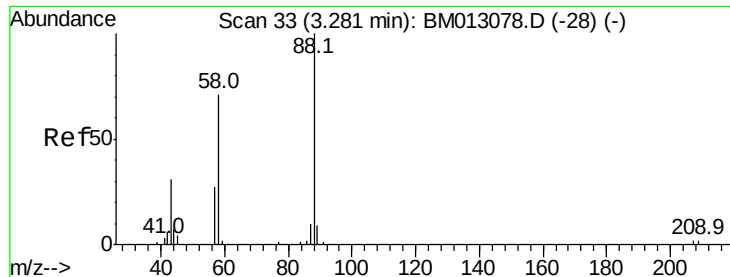
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 5.508 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM013080.D

Acq: 22 Nov 2017 11:59

Instrument :

BNA_M

ClientSampleId :

BE2Z8

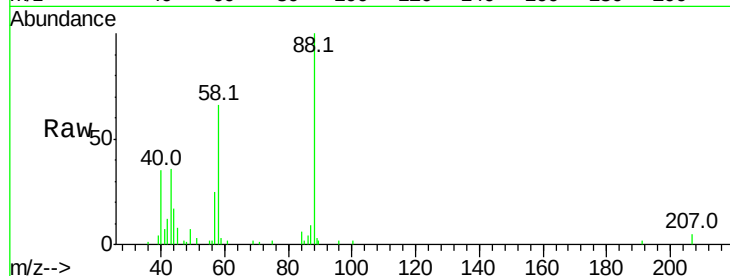
Tot Ion: 88 Resp: 27996

Ion Ratio Lower Upper

88 100

43 39.4 48.0 72.0#

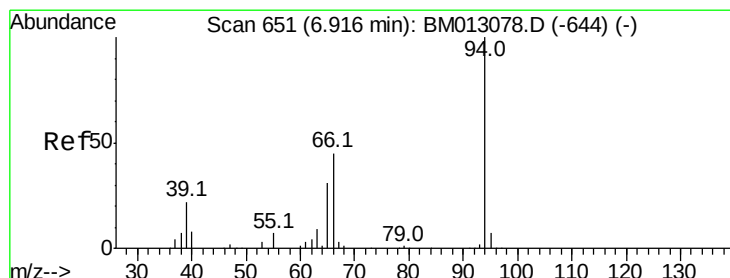
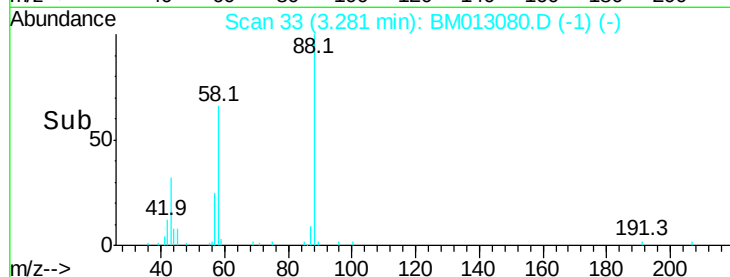
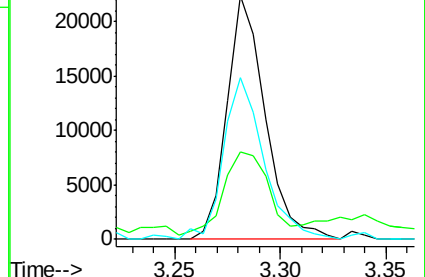
58 69.9 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013078.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM013078.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM013078.D (-28) (-)



#6

Phenol

Concen: 2.655 ng/uL

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM013080.D

Acq: 22 Nov 2017 11:59

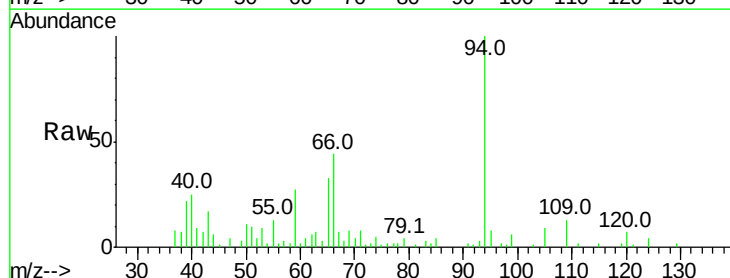
Tgt Ion: 94 Resp: 48651

Ion Ratio Lower Upper

94 100

65 33.3 28.2 42.4

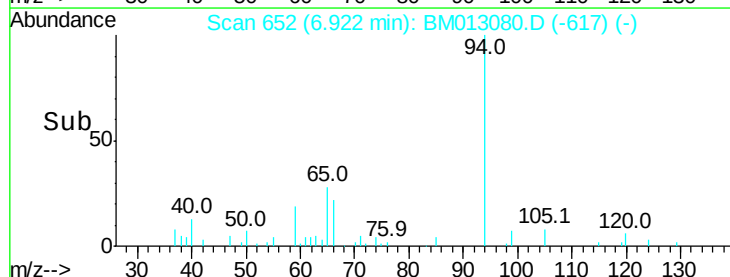
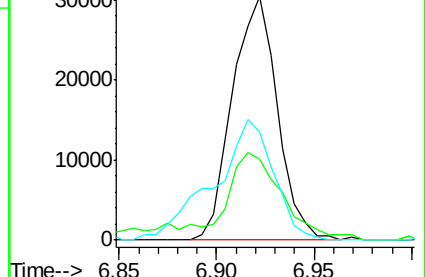
66 44.5 47.2 70.8#

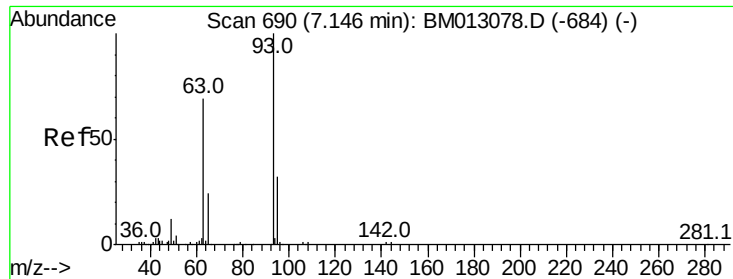


Abundance Ion 94.00 (93.70 to 94.70): BM013078.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013078.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013078.D (-644) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 6.588 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. -0.00 min

Lab File: BM013080.D

Acq: 22 Nov 2017 11:59

Instrument :

BNA_M

ClientSampleId :

BE2Z8

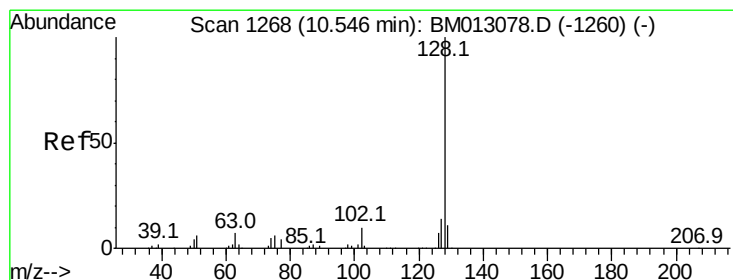
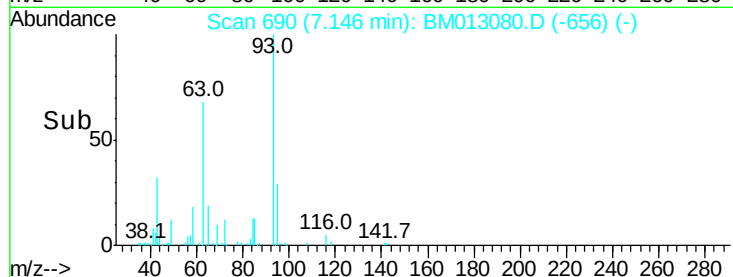
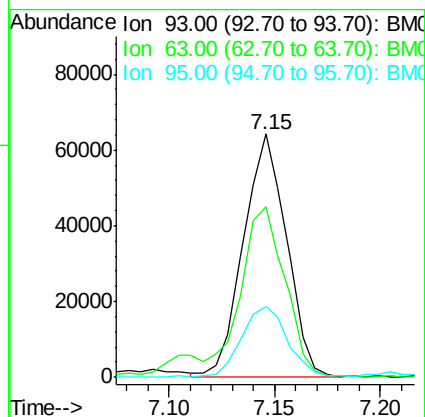
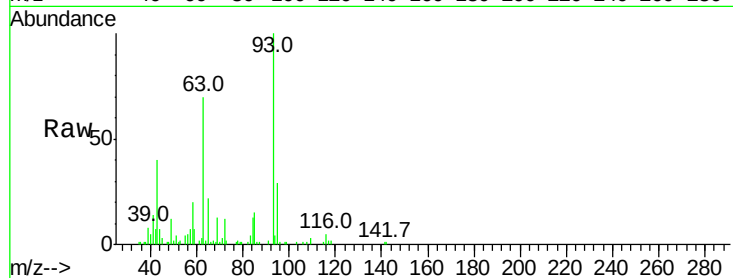
Tot Ion: 93 Resp: 90878

Ion Ratio Lower Upper

93 100

63 70.3 57.3 85.9

95 29.2 26.6 39.8



#28

Naphthalene

Concen: 21.834 ng/ul

RT: 10.55 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BM013080.D

Acq: 22 Nov 2017 11:59

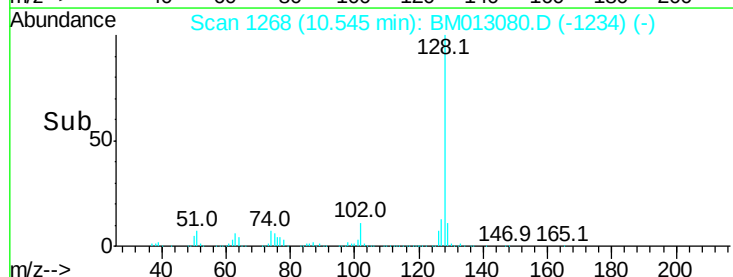
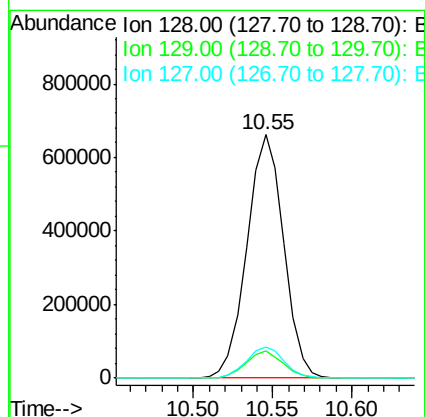
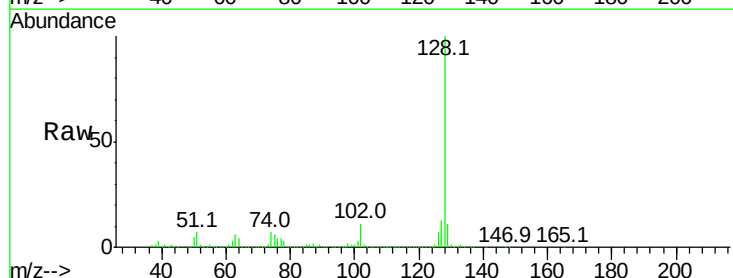
Tgt Ion: 128 Resp: 1062976

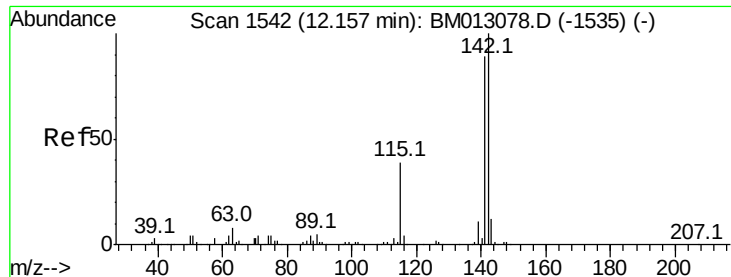
Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.6 10.6 16.0

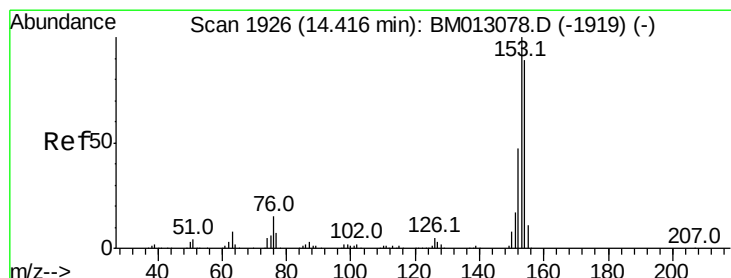
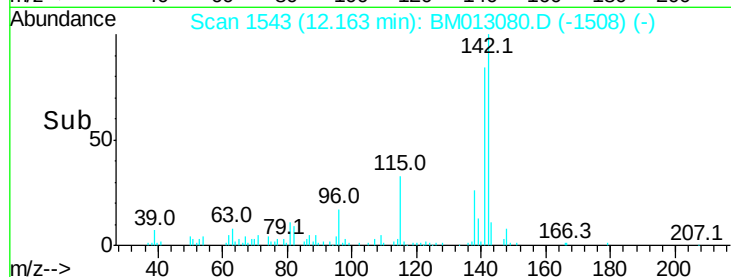
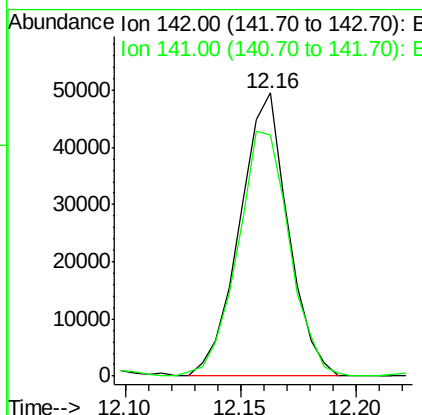
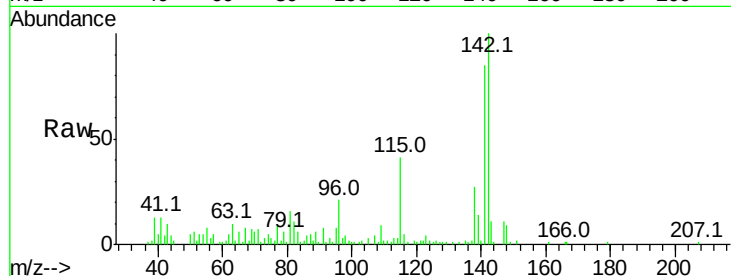




#34
 2-Methylnaphthalene
 Concen: 2.033 ng/ul
 RT: 12.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BM013080.D
 Acq: 22 Nov 2017 11:59

Instrument :
 BNA_M
 ClientSampled :
 BE2Z8

Tot Ion:142 Resp: 72418
 Ion Ratio Lower Upper
 142 100
 141 85.1 74.1 111.1



#49
 Acenaphthene
 Concen: 3.884 ng/ul
 RT: 14.42 min Scan# 1926
 Delta R.T. -0.00 min
 Lab File: BM013080.D
 Acq: 22 Nov 2017 11:59

Tgt Ion:153 Resp: 158561
 Ion Ratio Lower Upper
 153 100
 152 44.6 37.6 56.4
 154 92.0 70.4 105.6

