

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
 Data File : BM013025.D
 Acq On : 18 Nov 2017 06:18
 Operator : SJ/JU
 Sample : I6451-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 20 00:29:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 03:21:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	169313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	690462	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	409078	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	979728	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1140962	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1155546	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	20814	5.70	ng/uL	0.00
5) Phenol-d5	6.89	99	92781	6.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	241618	29.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	281454	24.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	185243	15.42	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	169873	34.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	182704	39.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	338175	28.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	8430	0.68	ng/ul	-0.01
43) Dimethylphthalate-d6	13.77	166	1139061	31.74	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	1348039	29.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	47463	8.72	ng/ul	0.01
57) Fluorene-d10	15.35	176	956682	31.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	167571	39.45	ng/ul	0.00
70) Anthracene-d10	17.20	188	1560948	31.12	ng/ul	0.00
76) Pyrene-d10	19.50	212	1801585	30.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	1885087	32.17	ng/ul	0.00

Target Compounds

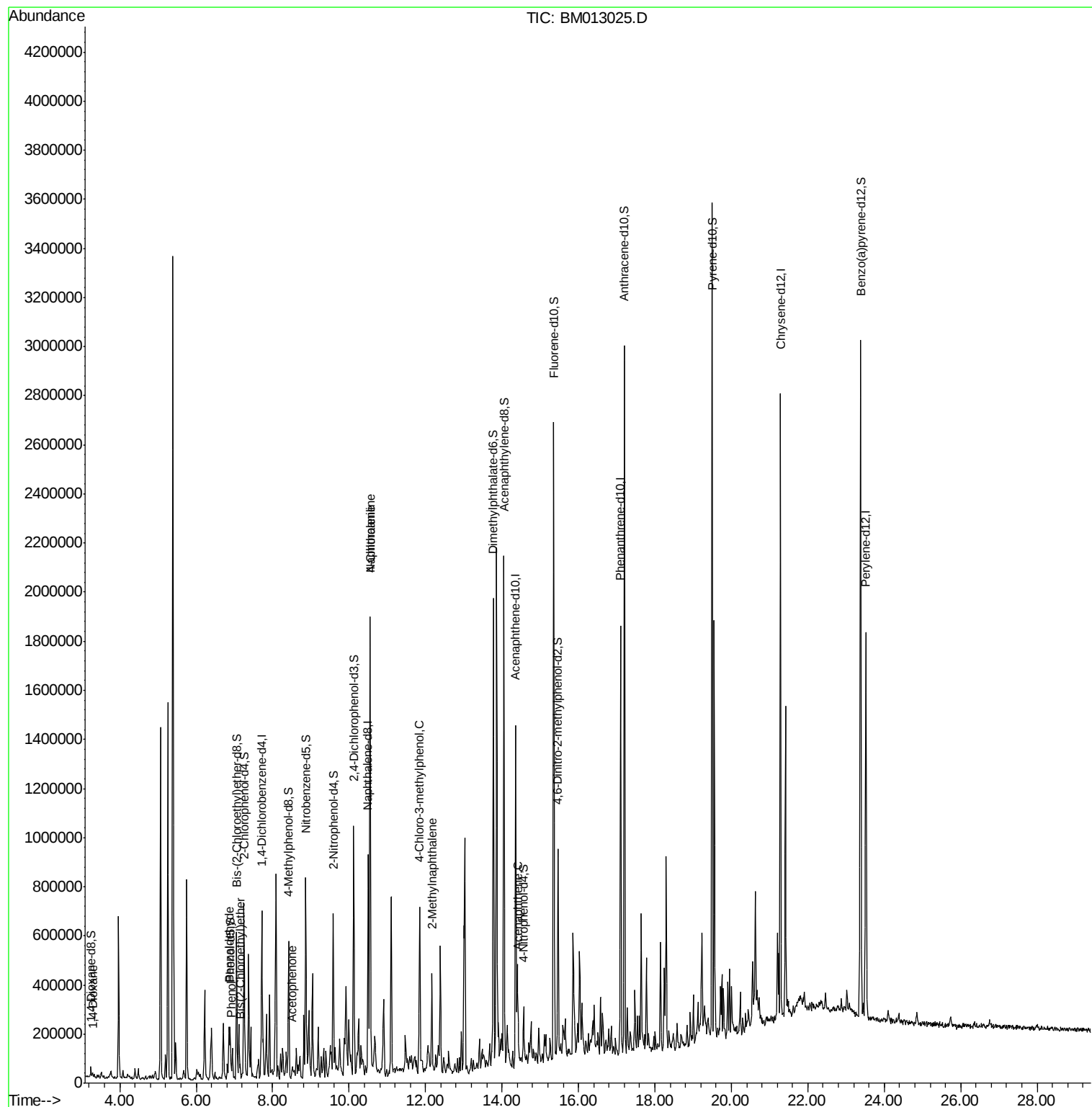
						Ovalue
2) 1,4-Dioxane	3.28	88	6022	1.50	ng/uL#	80
4) Benzaldehyde	6.85	77	16094	2.04	ng/ul#	25
6) Phenol	6.91	94	18607	1.29	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.15	93	14888	1.37	ng/ul	99
14) Acetophenone	8.52	105	25182	1.37	ng/ul#	33
28) Naphthalene	10.55	128	1426159	40.09	ng/ul	99
30) 4-Chloroaniline	10.55	127	187061	15.70	ng/ul#	10
33) 4-Chloro-3-methylphenol	11.85	107	150951	12.84	ng/ul#	21
34) 2-Methylnaphthalene	12.16	142	160458	6.16	ng/ul	96
49) Acenaphthene	14.42	153	86958	3.07	ng/ul	93

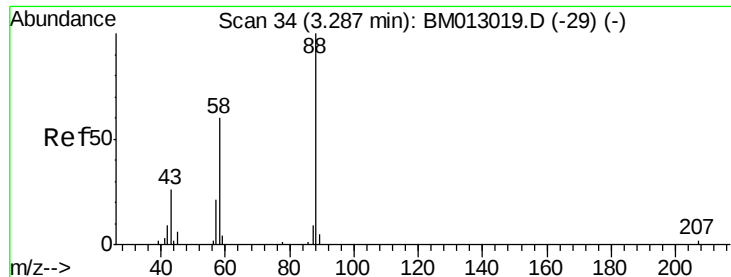
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.50 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.01 min

Lab File: BM013025.D

Acq: 18 Nov 2017 06:18

Instrument :

BNA_M

ClientSampleId :

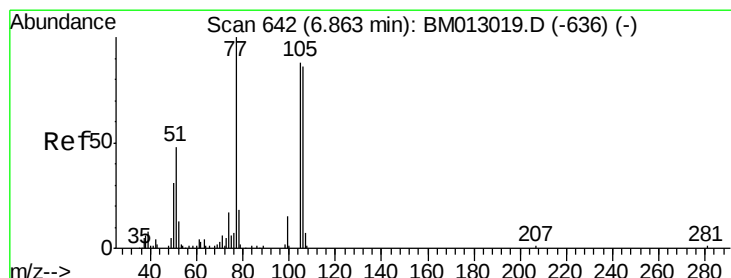
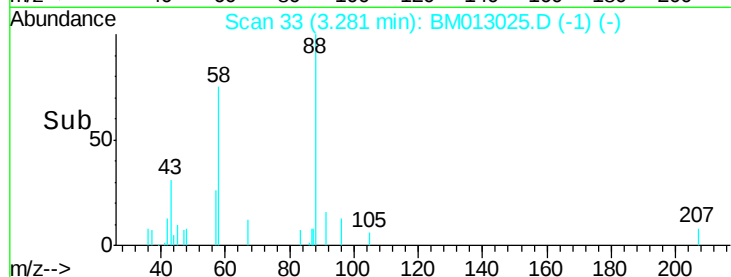
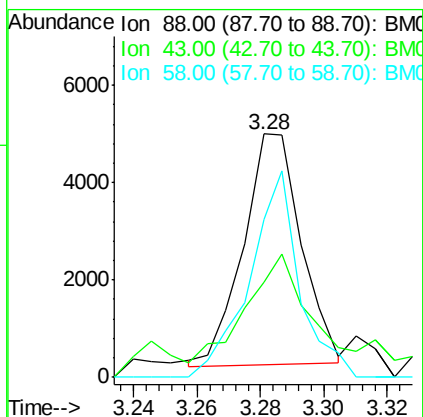
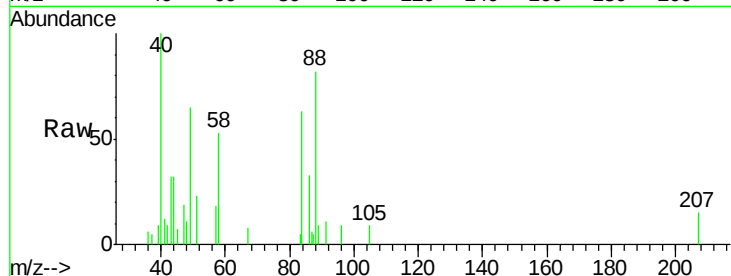
Tot Ion: 88 Resp: 6022

Ion Ratio Lower Upper

88 100

43 48.6 48.0 72.0

58 76.7 80.0 120.0#



#4

Benzaldehyde

Concen: 2.04 ng/uL

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM013025.D

Acq: 18 Nov 2017 06:18

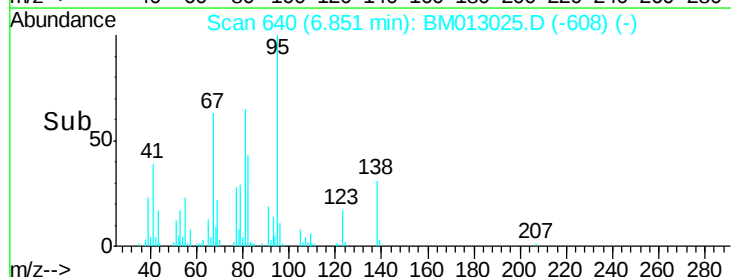
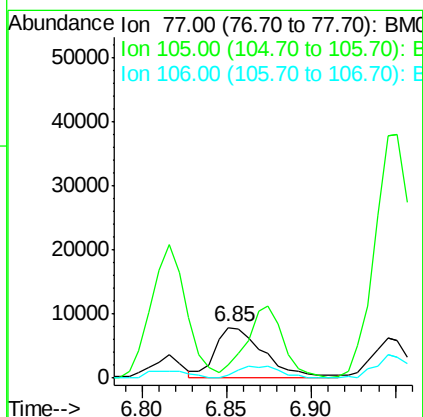
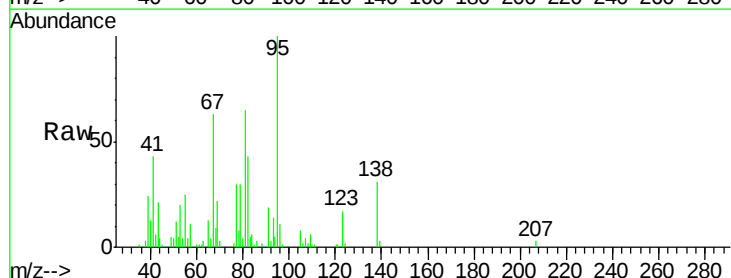
Tgt Ion: 77 Resp: 16094

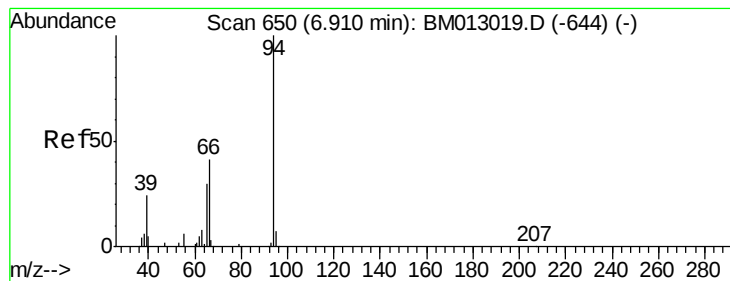
Ion Ratio Lower Upper

77 100

105 25.6 66.1 99.1#

106 5.3 67.8 101.6#





#6

Phenol

Concen: 1.29 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM013025.D

Acq: 18 Nov 2017 06:18

Instrument :

BNA_M

ClientSampleId :

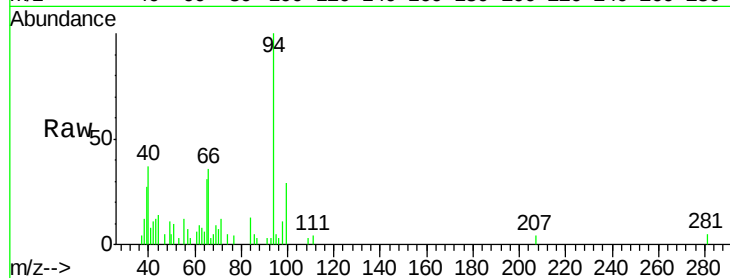
Tot Ion: 94 Resp: 18607

Ion Ratio Lower Upper

94 100

65 30.9 28.2 42.4

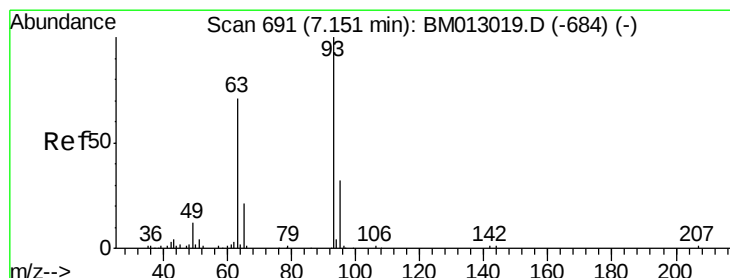
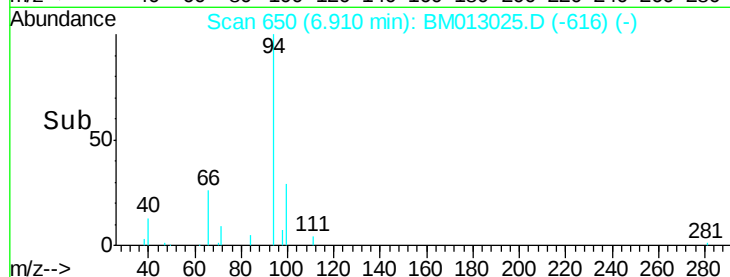
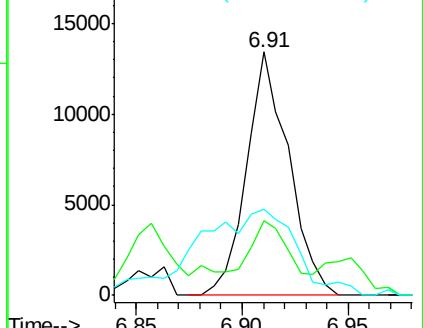
66 35.5 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013019.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013019.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013019.D (-644) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.37 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BM013025.D

Acq: 18 Nov 2017 06:18

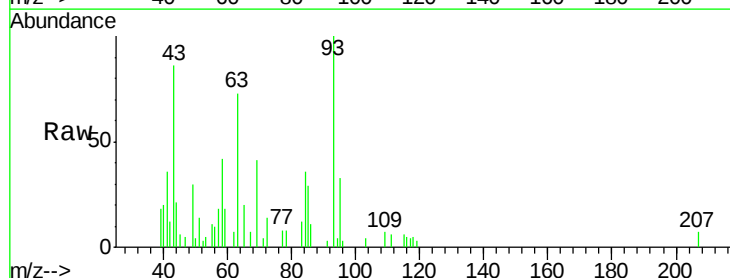
Tgt Ion: 93 Resp: 14888

Ion Ratio Lower Upper

93 100

63 72.5 57.3 85.9

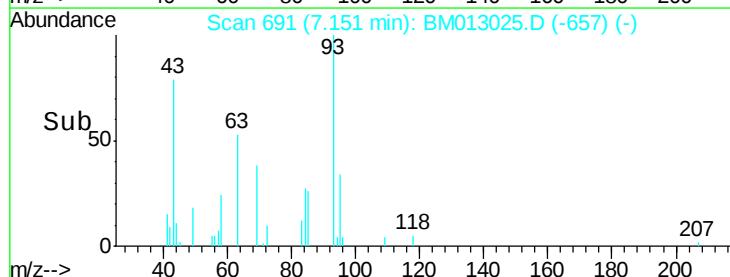
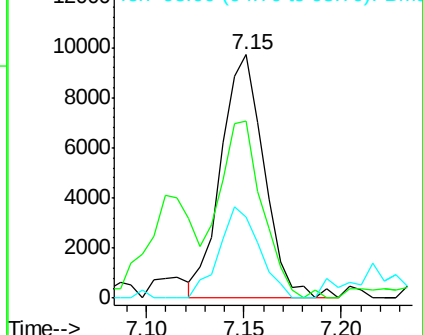
95 33.1 26.6 39.8

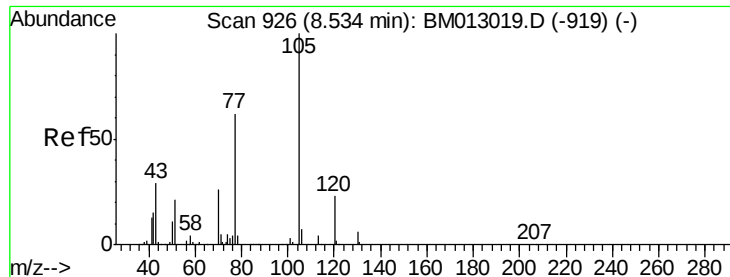


Abundance Ion 93.00 (92.70 to 93.70): BM013019.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013019.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013019.D (-684) (-)





#14

Acetophenone

Concen: 1.37 ng/ul

RT: 8.52 min Scan# 923

Delta R.T. -0.02 min

Lab File: BM013025.D

Acq: 18 Nov 2017 06:18

Instrument :

BNA_M

ClientSampleId :

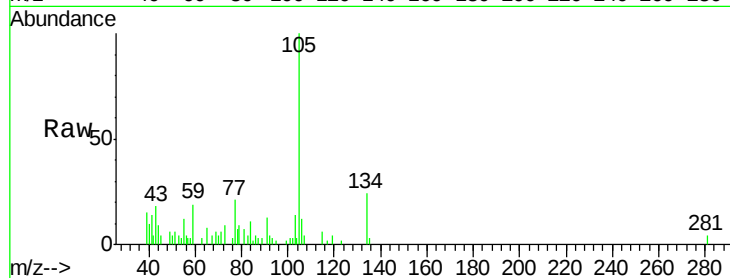
Tot Ion:105 Resp: 25182

Ion Ratio Lower Upper

105 100

77 21.0 74.2 111.4#

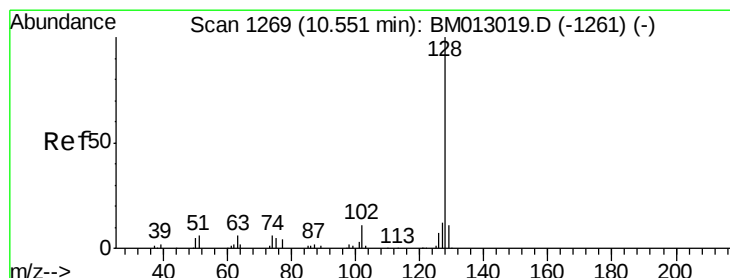
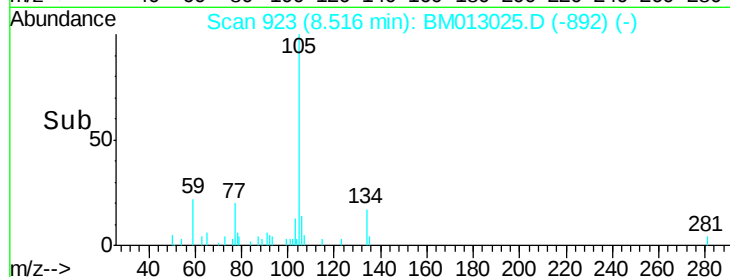
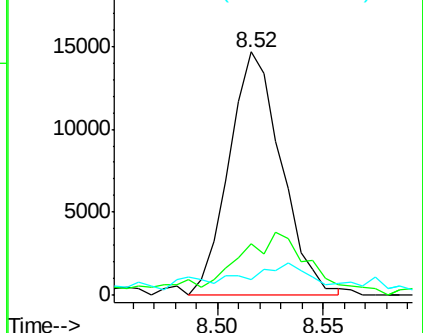
51 6.4 23.4 35.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#28

Naphthalene

Concen: 40.09 ng/ul

RT: 10.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM013025.D

Acq: 18 Nov 2017 06:18

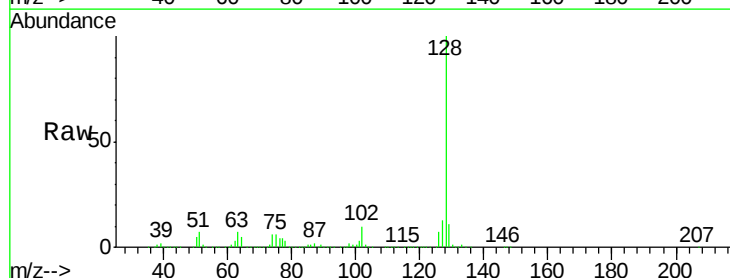
Tgt Ion:128 Resp: 1426159

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

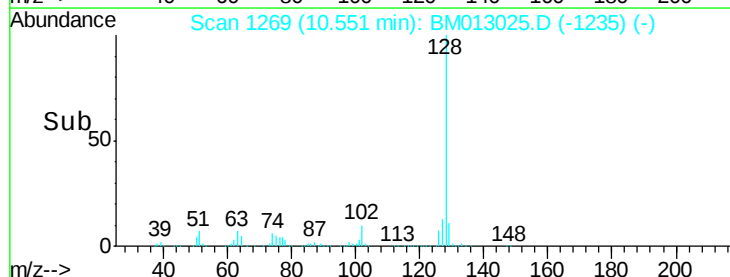
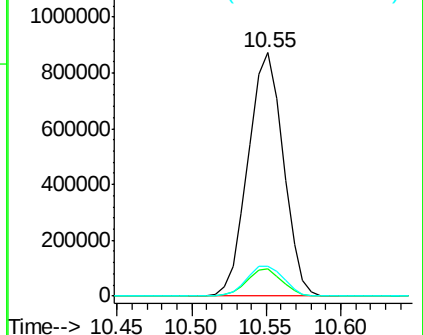
127 12.5 10.6 16.0

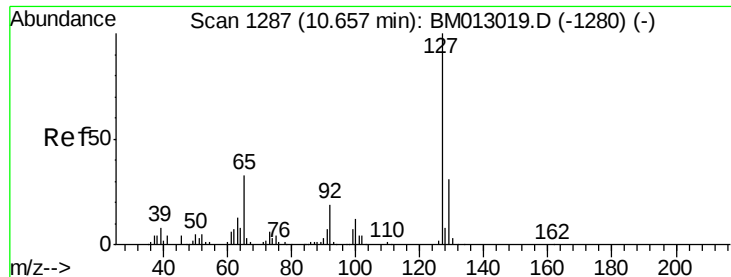


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

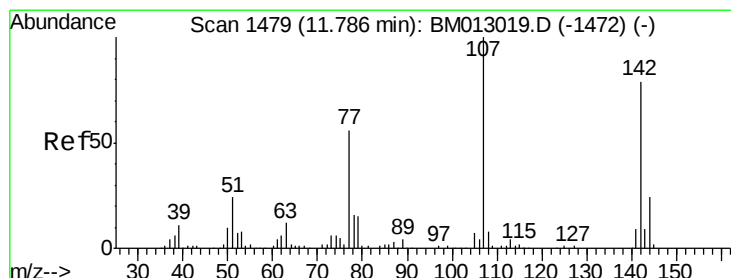
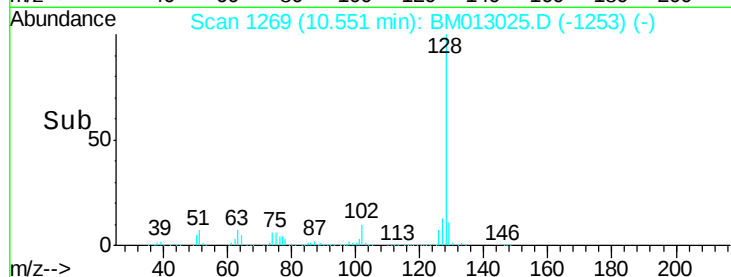
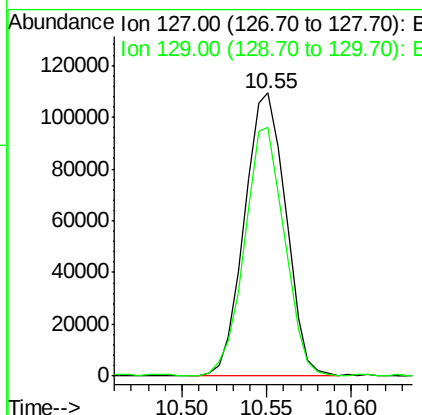
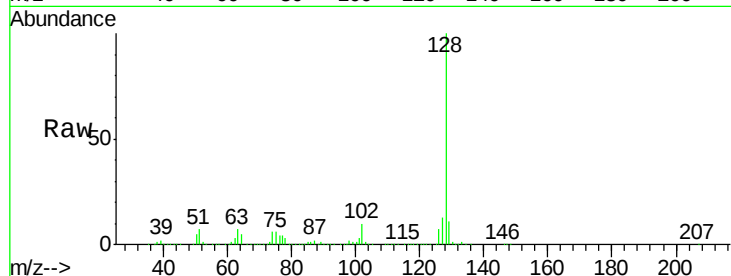




#30
 4-Chloroaniline
 Concen: 15.70 ng/ul
 RT: 10.55 min Scan# 1269
 Delta R.T. -0.11 min
 Lab File: BM013025.D
 Acq: 18 Nov 2017 06:18

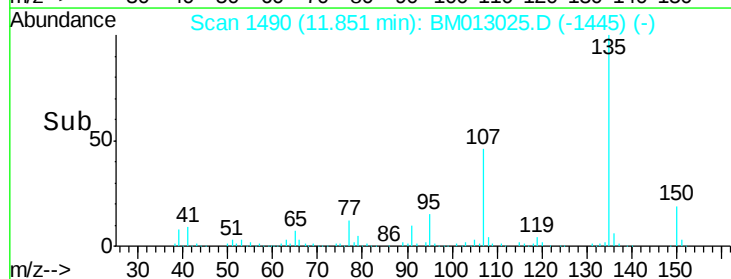
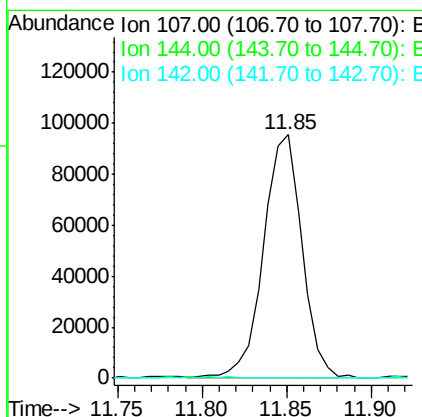
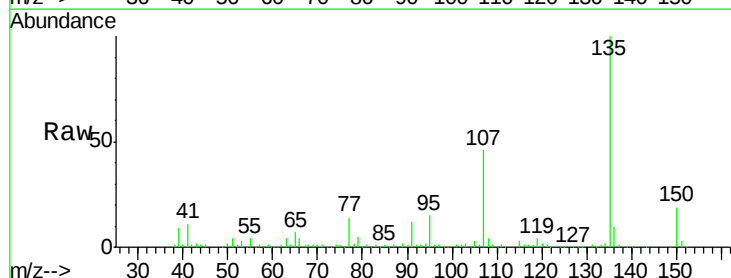
Instrument :
 BNA_M
 ClientSampleId :

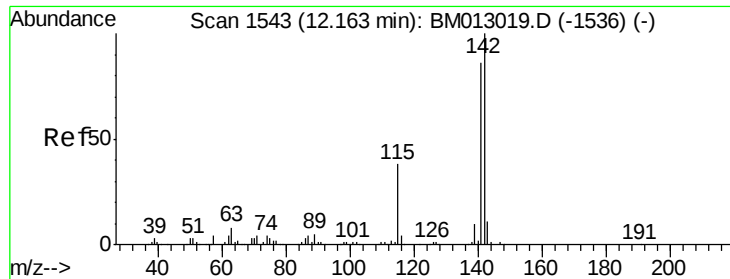
Tot Ion:127 Resp: 187061
 Ion Ratio Lower Upper
 127 100
 129 87.9 28.4 42.6#



#33
 4-Chloro-3-methylphenol
 Concen: 12.84 ng/ul
 RT: 11.85 min Scan# 1490
 Delta R.T. 0.06 min
 Lab File: BM013025.D
 Acq: 18 Nov 2017 06:18

Tgt Ion:107 Resp: 150951
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.4 30.6#
 142 0.0 60.5 90.7#

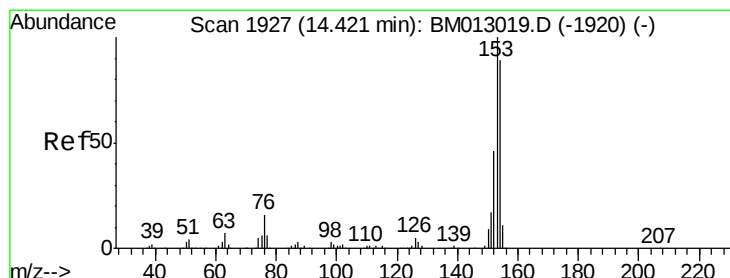
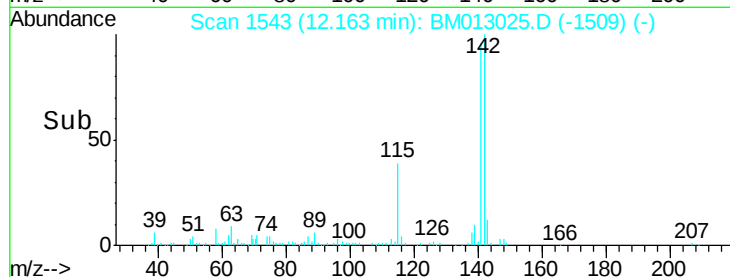
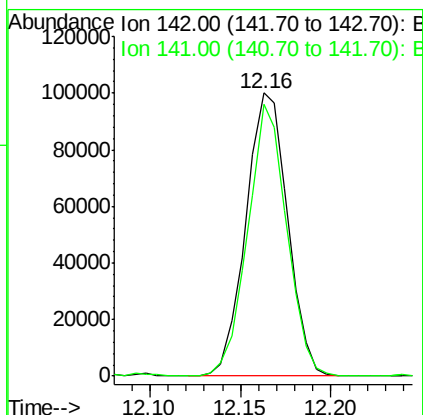
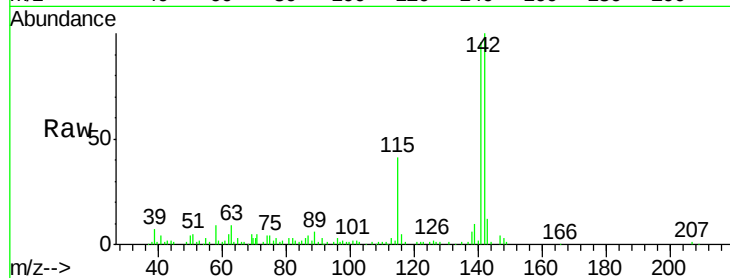




#34
2-Methylnaphthalene
Concen: 6.16 ng/ul
RT: 12.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BM013025.D
Acq: 18 Nov 2017 06:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 160458
Ion Ratio Lower Upper
142 100
141 96.0 74.1 111.1



#49
Acenaphthene
Concen: 3.07 ng/ul
RT: 14.42 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BM013025.D
Acq: 18 Nov 2017 06:18

Tgt Ion:153 Resp: 86958
Ion Ratio Lower Upper
153 100
152 44.1 37.6 56.4
154 96.2 70.4 105.6

