

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111717\
 Data File : BM013035.D
 Acq On : 18 Nov 2017 12:11
 Operator : SJ/JU
 Sample : I6405-20 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2W1

Quant Time: Nov 20 06:16:28 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 20 06:14:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	159501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	625883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	365110	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	832457	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1024390	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	1037143	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	607	0.18	ng/uL	0.00
5) Phenol-d5	6.88	99	18657	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	48567	6.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	56278	5.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	35039	3.10	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	33222	7.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	36901	8.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	65299	6.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	853	0.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	236335	7.38	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	279377	6.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	8290	1.71	ng/ul	0.00
57) Fluorene-d10	15.35	176	200811	7.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	27115	7.51	ng/ul	0.00
70) Anthracene-d10	17.20	188	324662	7.62	ng/ul	0.00
76) Pyrene-d10	19.49	212	374700	7.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	397722	7.56	ng/ul	0.00

Target Compounds

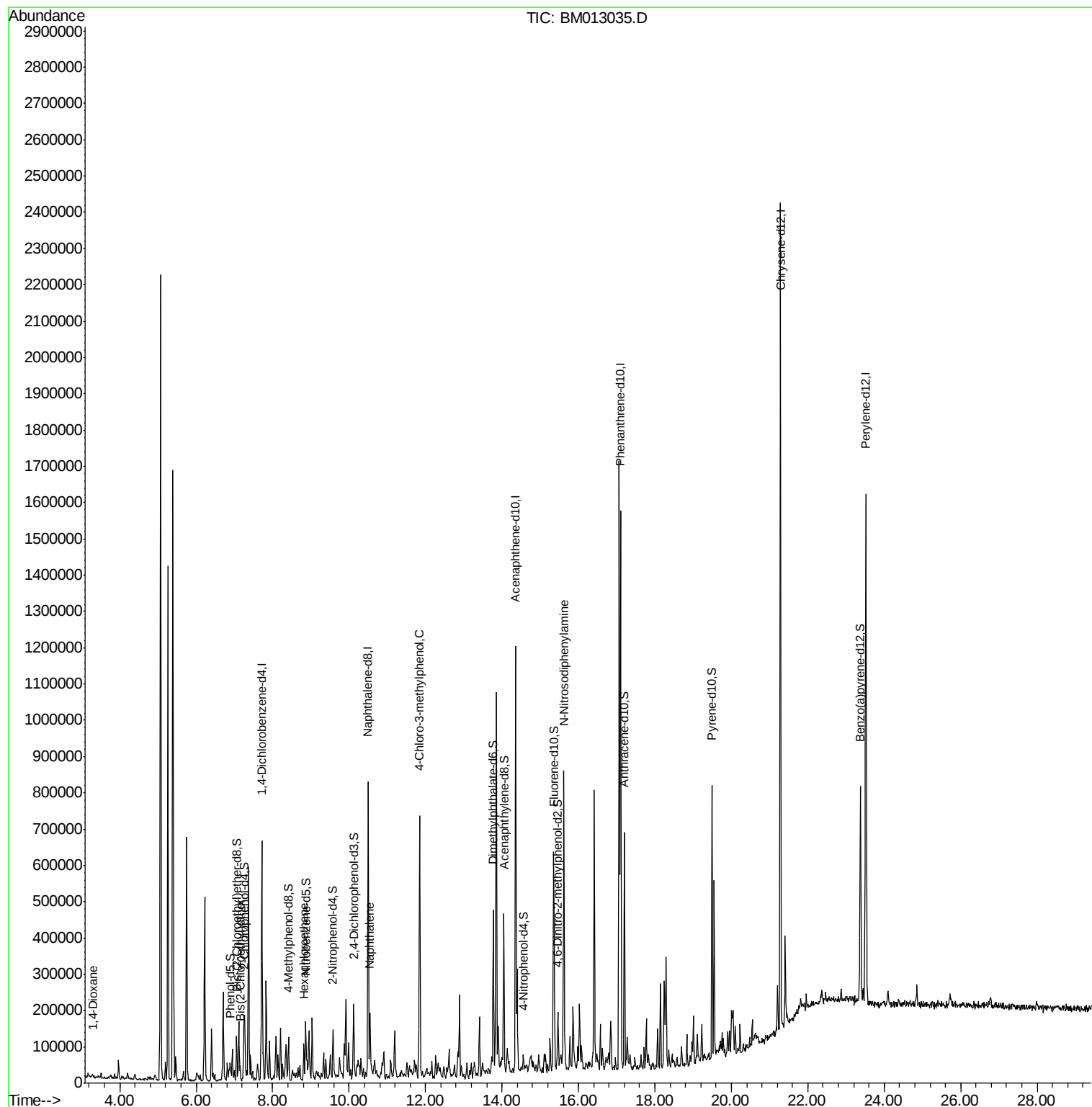
						Qvalue
2) 1,4-Dioxane	3.29	88	4320	1.14	ng/uL#	67
8) Bis(2-Chloroethyl)ether	7.15	93	11883	1.16	ng/ul	92
17) Hexachloroethane	8.82	117	7025	1.52	ng/ul#	1
28) Naphthalene	10.55	128	133445	4.14	ng/ul	97
33) 4-Chloro-3-methylphenol	11.85	107	154750	14.52	ng/ul#	21
64) N-Nitrosodiphenylamine	15.62	169	300390	11.49	ng/ul	97

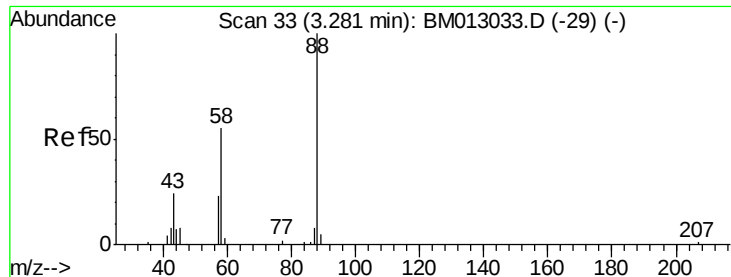
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.14 ng/uL

RT: 3.29 min Scan# 34

Delta R.T. 0.01 min

Lab File: BM013035.D

Acq: 18 Nov 2017 12:11

Instrument :

BNA_M

ClientSampled :

BE2W1

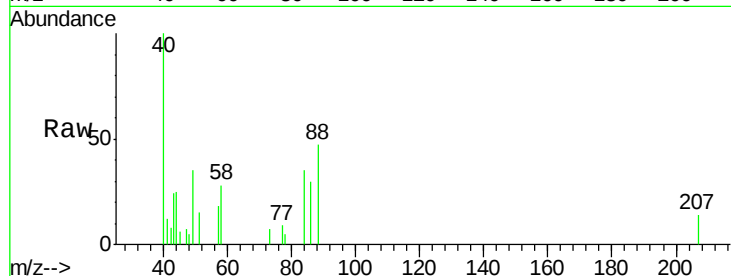
Tgt Ion: 88 Resp: 4320

Ion Ratio Lower Upper

88 100

43 45.8 48.0 72.0#

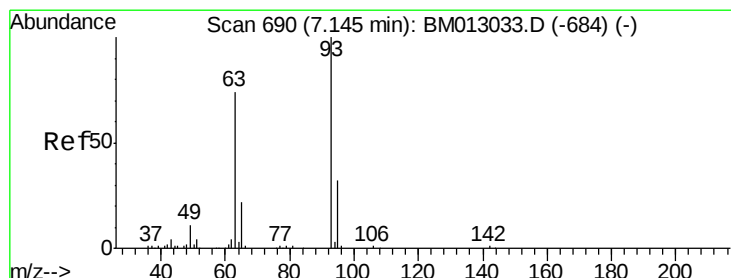
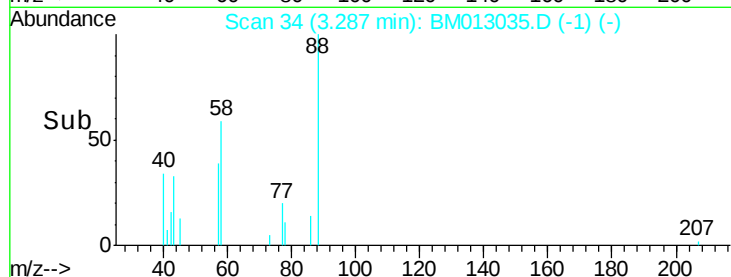
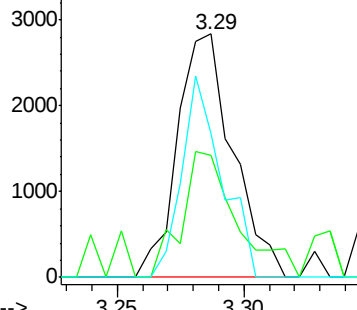
58 59.2 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013033.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM013033.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM013033.D (-29) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.16 ng/uL

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BM013035.D

Acq: 18 Nov 2017 12:11

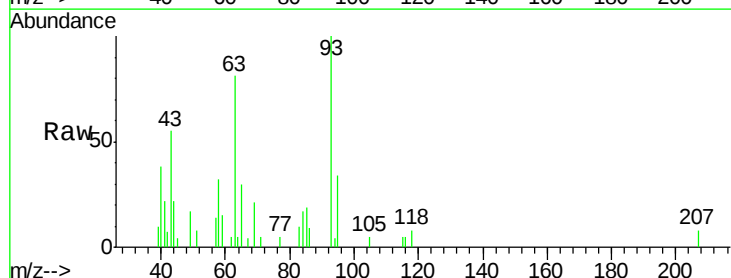
Tgt Ion: 93 Resp: 11883

Ion Ratio Lower Upper

93 100

63 80.7 57.3 85.9

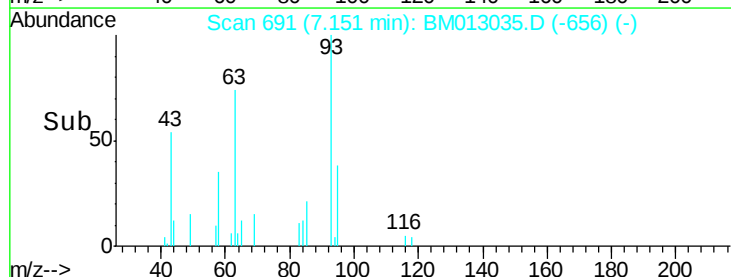
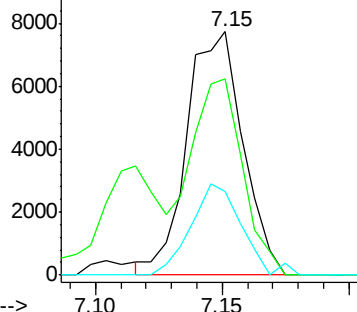
95 34.1 26.6 39.8

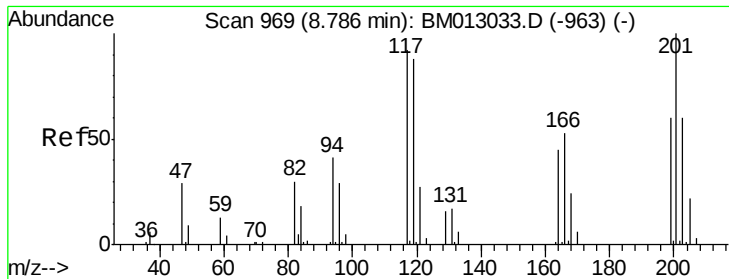


Abundance Ion 93.00 (92.70 to 93.70): BM013033.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013033.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013033.D (-684) (-)





#17

Hexachloroethane

Concen: 1.52 ng/ul

RT: 8.82 min Scan# 974

Delta R.T. 0.03 min

Lab File: BM013035.D

Acq: 18 Nov 2017 12:11

Instrument :

BNA_M

ClientSampleId :

BE2W1

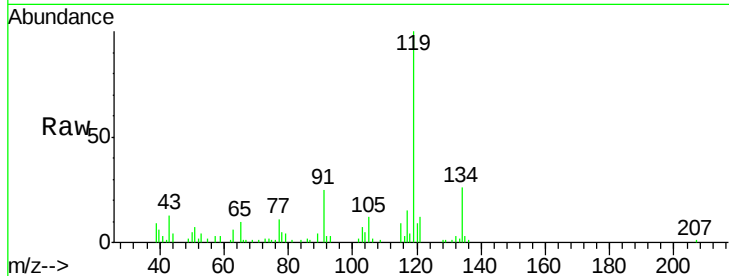
Tgt Ion:117 Resp: 7025

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

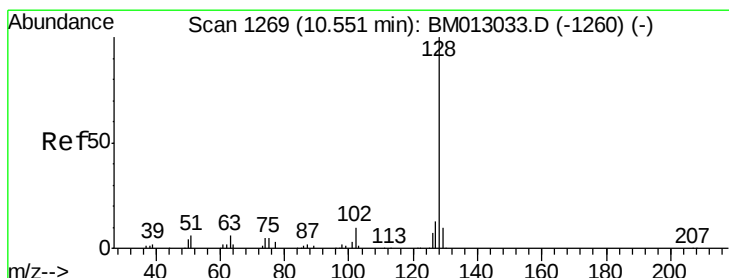
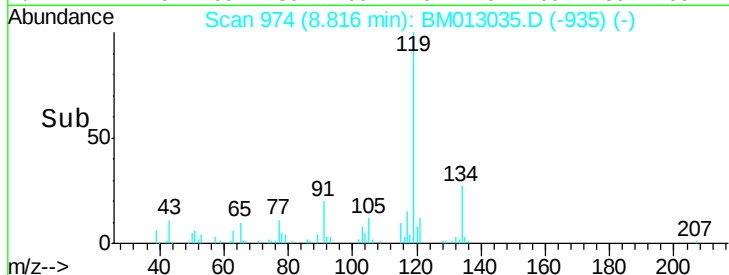
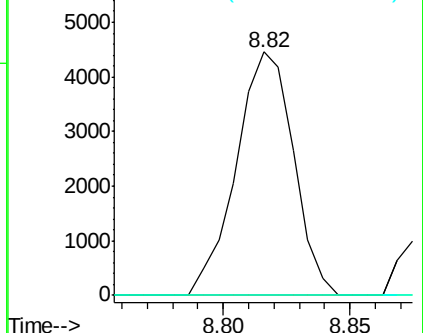
199 0.0 67.8 101.6#



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: 4.14 ng/ul

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM013035.D

Acq: 18 Nov 2017 12:11

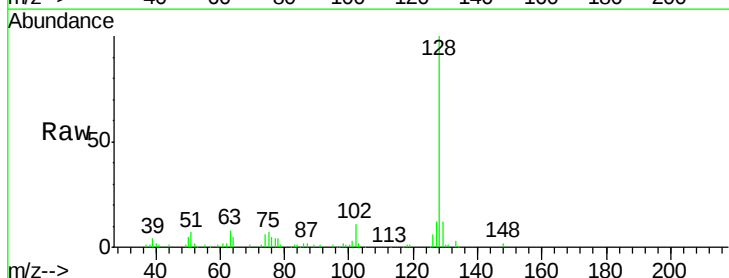
Tgt Ion:128 Resp: 133445

Ion Ratio Lower Upper

128 100

129 12.5 8.8 13.2

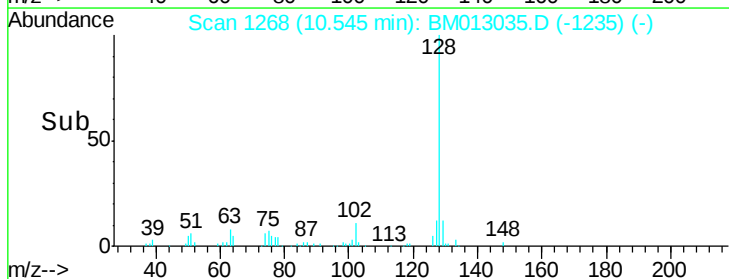
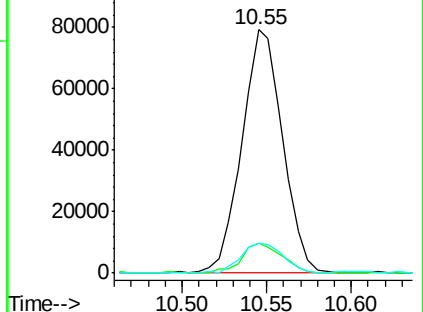
127 12.3 10.6 16.0

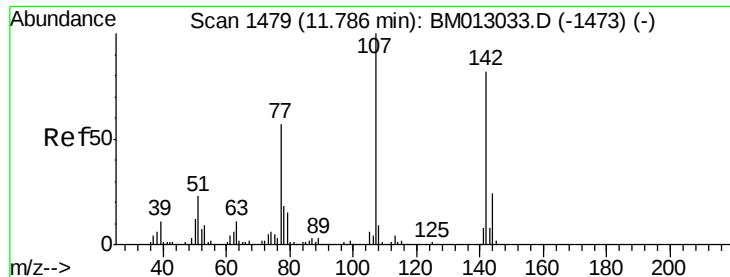


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

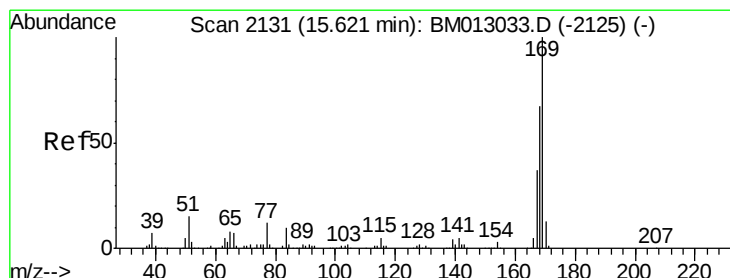
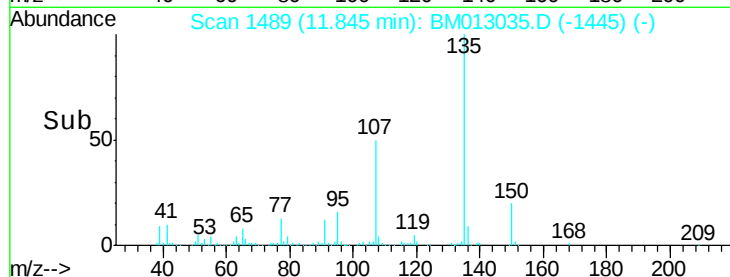
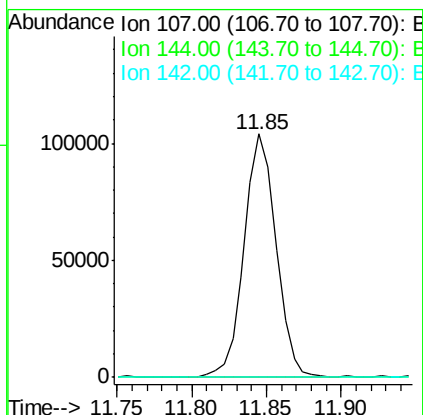
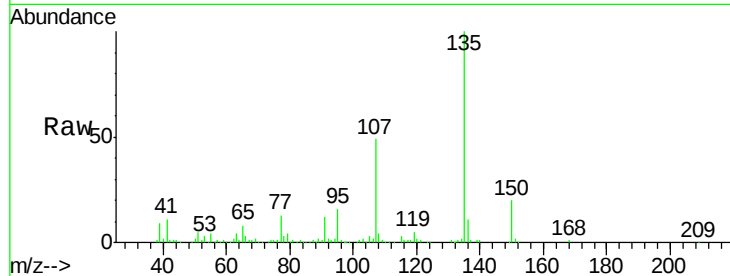




#33
 4-Chloro-3-methylphenol
 Concen: 14.52 ng/ul
 RT: 11.85 min Scan# 1489
 Delta R.T. 0.06 min
 Lab File: BM013035.D
 Acq: 18 Nov 2017 12:11

Instrument :
 BNA_M
 ClientSampled :
 BE2W1

Tgt Ion:107 Resp: 154750
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.4 30.6#
 142 0.0 60.5 90.7#



#64
 N-Nitrosodiphenylamine
 Concen: 11.49 ng/ul
 RT: 15.62 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BM013035.D
 Acq: 18 Nov 2017 12:11

Tgt Ion:169 Resp: 300390
 Ion Ratio Lower Upper
 169 100
 168 65.5 54.0 81.0
 167 34.9 29.1 43.7

