

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013776.D
 Acq On : 24 Jan 2018 20:02
 Operator : SJ/JU
 Sample : J1223-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 25 00:33:36 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 00:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	137732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	539042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	314521	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	731946	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	813434	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	789820	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	15463	4.44	ng/uL	0.00
5) Phenol-d5	6.78	99	313132	29.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	183809	28.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	264376	30.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	258104	31.75	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	129263	30.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	144604	32.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	259837	30.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	327928	44.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	835061	32.22	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	1037180	31.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	126253	29.97	ng/ul	0.00
57) Fluorene-d10	15.24	176	709068	31.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	107739	24.45	ng/ul	0.00
70) Anthracene-d10	17.10	188	1103131	30.94	ng/ul	0.00
76) Pyrene-d10	19.40	212	1272484	33.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	1220272	33.61	ng/ul	0.00

Target Compounds

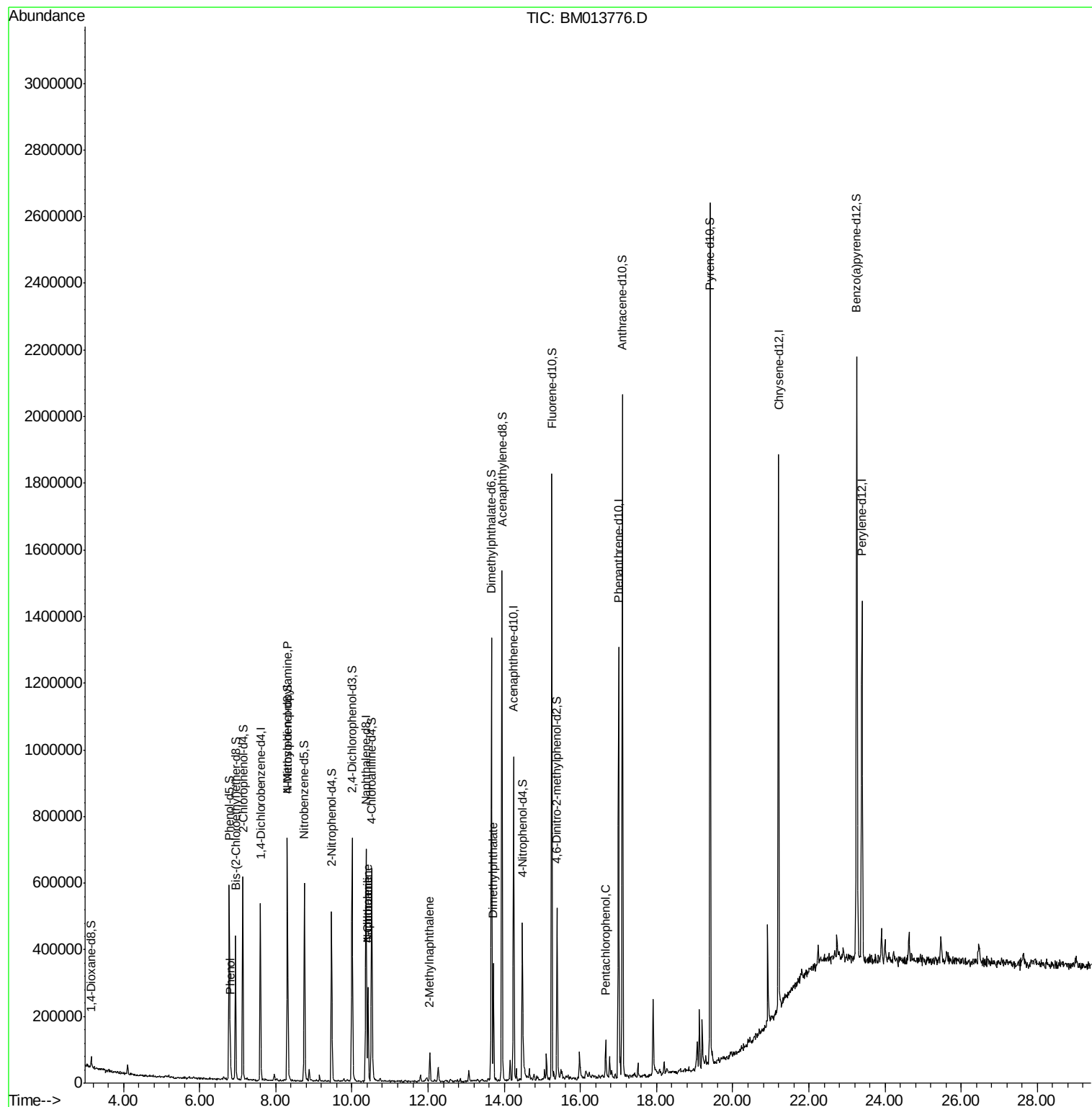
					Ovalue
6) Phenol	6.81	94	33778	3.185 ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.31	70	7779	1.185 ng/ul#	1
28) Naphthalene	10.42	128	218968	8.165 ng/ul	97
30) 4-Chloroaniline	10.42	127	30510	4.154 ng/ul#	24
34) 2-Methylnaphthalene	12.05	142	40547	2.028 ng/ul	96
44) Dimethylphthalate	13.72	163	213921	8.393 ng/ul	99
68) Pentachlorophenol	16.66	266	19645	3.973 ng/ul#	80

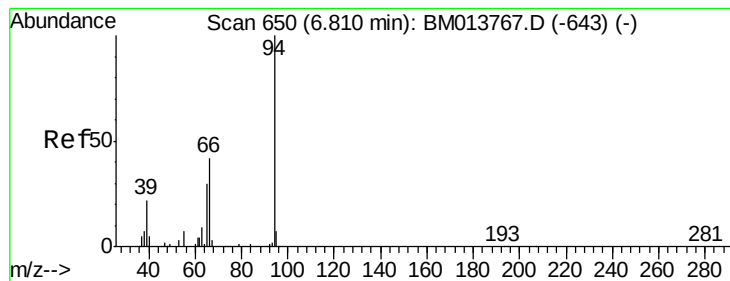
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.185 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM013776.D

Acq: 24 Jan 2018 20:02

Instrument :

BNA_M

ClientSampled :

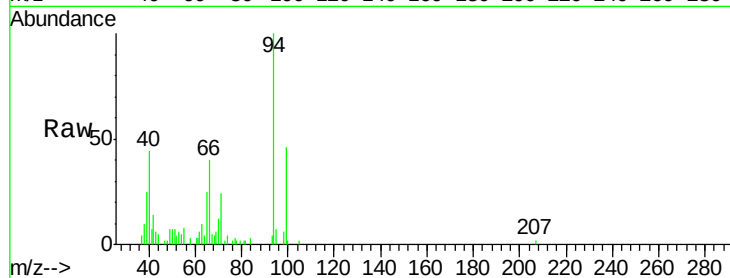
Tot Ion: 94 Resp: 33778

Ion Ratio Lower Upper

94 100

65 25.0 28.2 42.4#

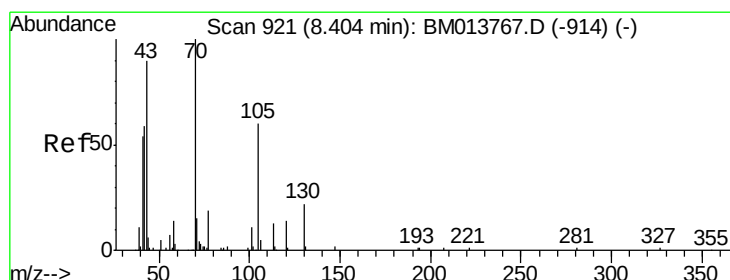
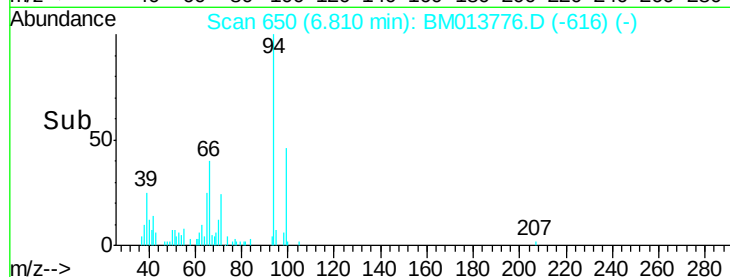
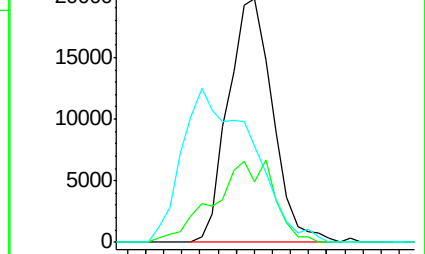
66 39.6 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013776.D (-616) (-)

Ion 65.00 (64.70 to 65.70): BM013776.D (-616) (-)

Ion 66.00 (65.70 to 66.70): BM013776.D (-616) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.185 ng/ul

RT: 8.31 min Scan# 905

Delta R.T. -0.09 min

Lab File: BM013776.D

Acq: 24 Jan 2018 20:02

Tgt Ion: 70 Resp: 7779

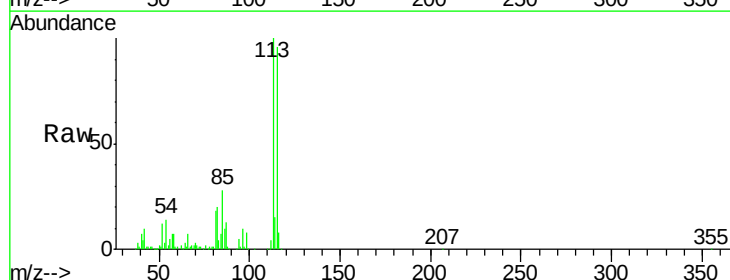
Ion Ratio Lower Upper

70 100

42 298.1 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

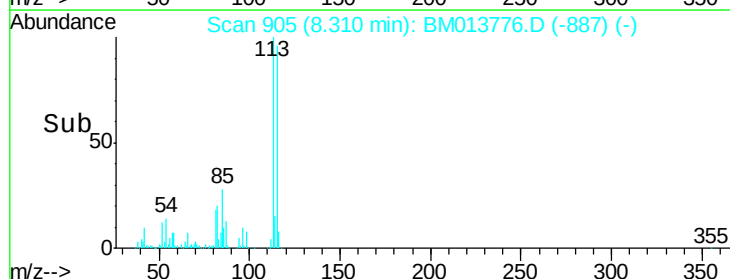
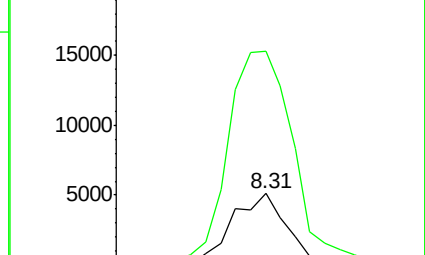


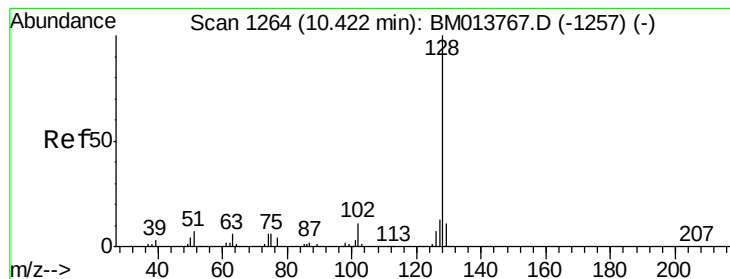
Abundance Ion 70.00 (69.70 to 70.70): BM013776.D (-887) (-)

Ion 42.00 (41.70 to 42.70): BM013776.D (-887) (-)

Ion 101.00 (100.70 to 101.70): BM013776.D (-887) (-)

Ion 130.00 (129.70 to 130.70): BM013776.D (-887) (-)





#28

Naphthalene

Concen: 8.165 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BM013776.D

Acq: 24 Jan 2018 20:02

Instrument :

BNA_M

ClientSampleId :

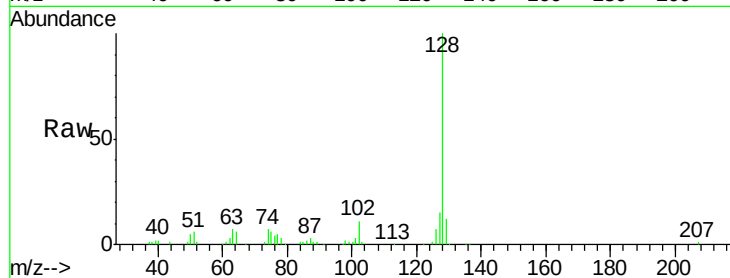
Tot Ion:128 Resp: 218968

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

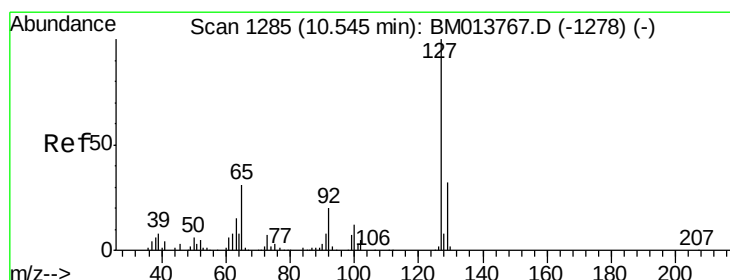
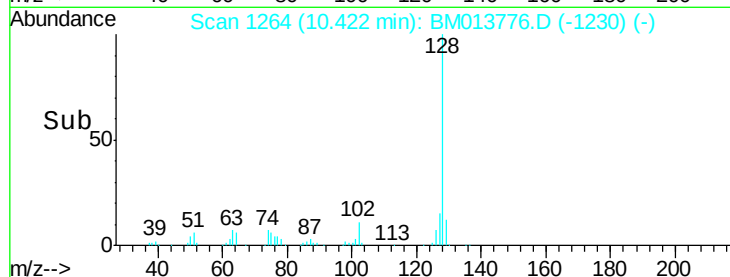
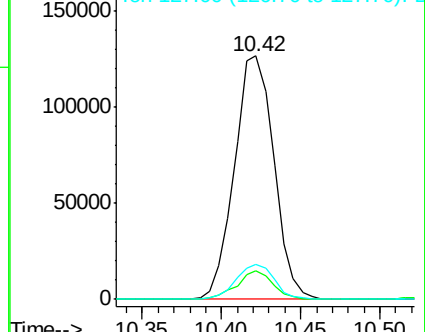
127 14.6 10.6 16.0



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: 4.154 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. -0.12 min

Lab File: BM013776.D

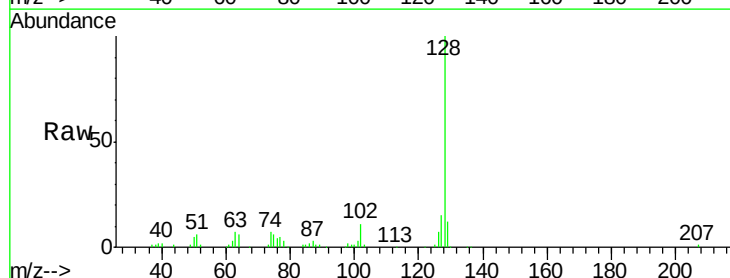
Acq: 24 Jan 2018 20:02

Tgt Ion:127 Resp: 30510

Ion Ratio Lower Upper

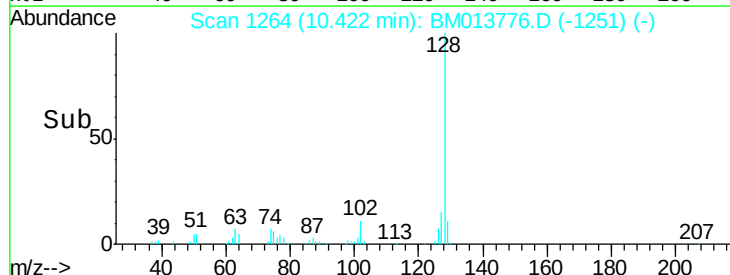
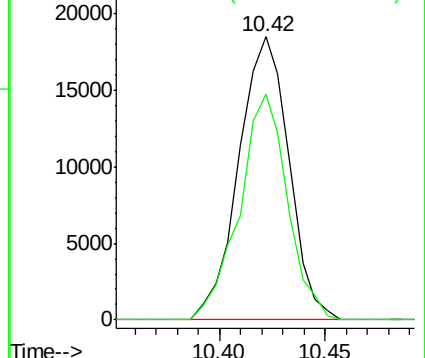
127 100

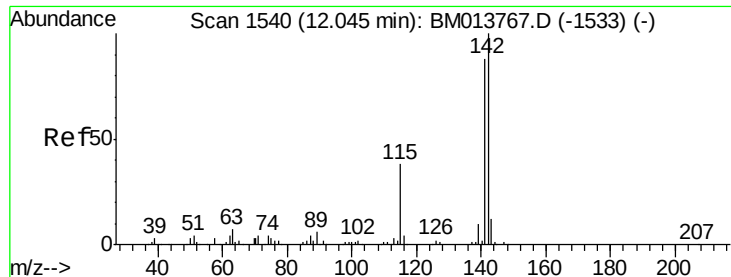
129 79.9 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

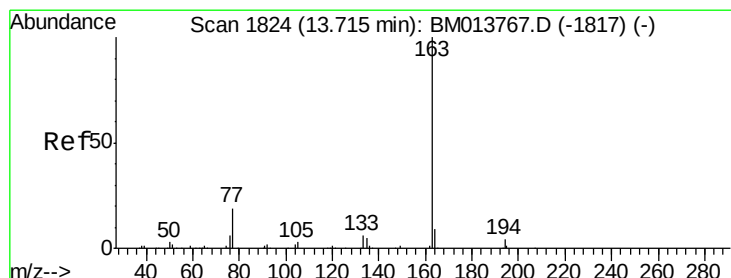
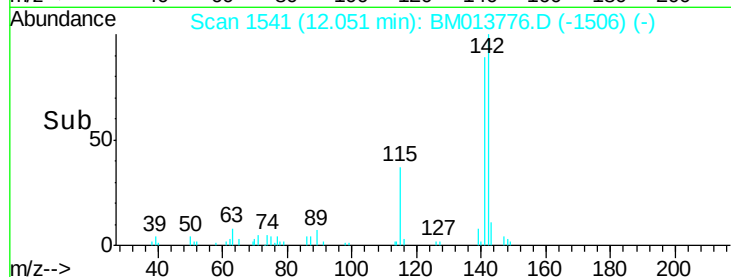
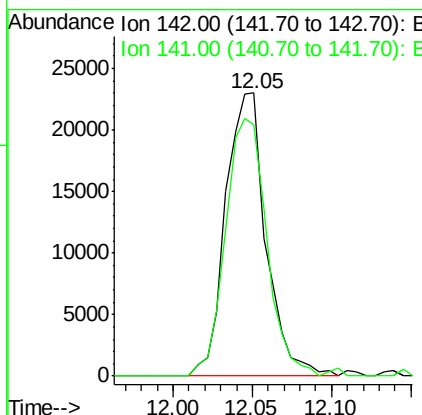
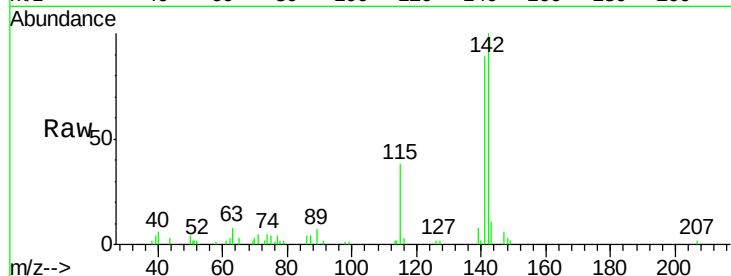




#34
2-Methylnaphthalene
Concen: 2.028 ng/ul
RT: 12.05 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BM013776.D
Acq: 24 Jan 2018 20:02

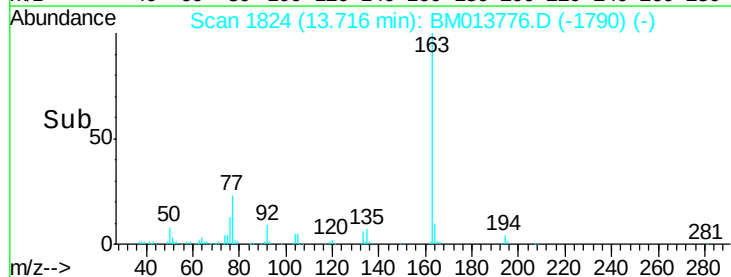
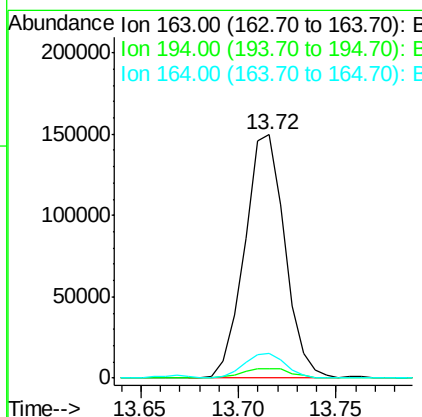
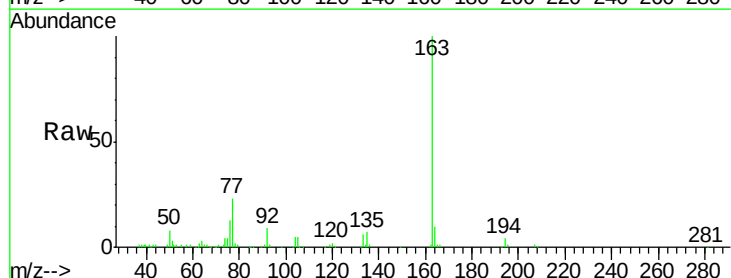
Instrument :
BNA_M
ClientSampled :

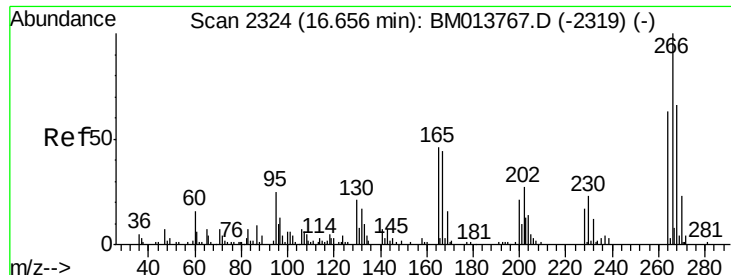
Tot Ion:142 Resp: 40547
Ion Ratio Lower Upper
142 100
141 88.6 74.1 111.1



#44
Dimethylphthalate
Concen: 8.393 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BM013776.D
Acq: 24 Jan 2018 20:02

Tgt Ion:163 Resp: 213921
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.1 8.2 12.4

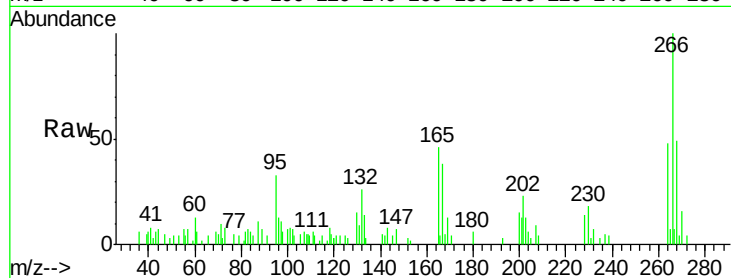




#68
 Pentachlorophenol
 Concen: 3.973 ng/ul
 RT: 16.66 min Scan# 2325
 Delta R.T. 0.01 min
 Lab File: BM013776.D
 Acq: 24 Jan 2018 20:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	47.9	49.3	73.9#
268	48.7	52.6	78.8#



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

