

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013824.D
 Acq On : 26 Jan 2018 02:09
 Operator : SJ/JU
 Sample : J1233-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 02:58:24 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 02:50:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	153807	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	578129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	317314	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	722542	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	785868	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	764859	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	15749	4.05	ng/uL	0.00
5) Phenol-d5	6.78	99	351027	29.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	222007	31.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	311081	32.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	305678	33.68	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	157401	35.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	171011	36.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	316830	34.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	315986	39.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	978075	37.40	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1230990	36.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	118450	27.87	ng/ul	0.00
57) Fluorene-d10	15.24	176	842215	36.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	132276	30.41	ng/ul	0.00
70) Anthracene-d10	17.10	188	1290291	36.66	ng/ul	0.00
76) Pyrene-d10	19.40	212	1438606	39.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	1390324	39.55	ng/ul	0.00

Target Compounds

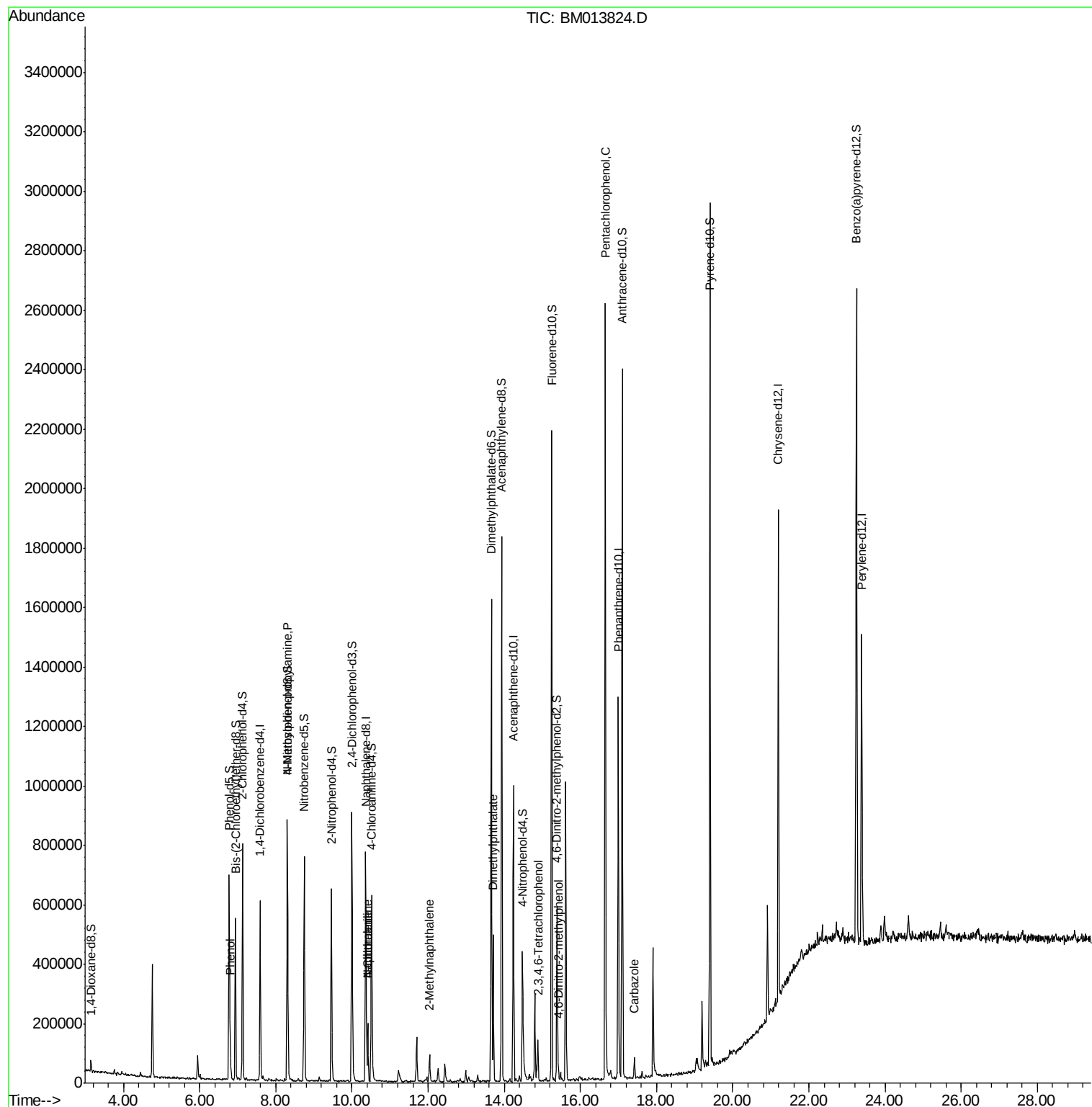
					Ovalue	
6) Phenol	6.80	94	47403	4.003	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.30	70	8764	1.196	ng/ul#	1
28) Naphthalene	10.42	128	142188	4.944	ng/ul	99
30) 4-Chloroaniline	10.42	127	19531	2.479	ng/ul#	5
34) 2-Methylnaphthalene	12.04	142	41991	1.958	ng/ul	94
44) Dimethylphthalate	13.71	163	288782	11.231	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	25818	3.876	ng/ul#	91
63) 4,6-Dinitro-2-methylphenol	15.42	198	5700	1.242	ng/ul#	71
68) Pentachlorophenol	16.65	266	421232	86.293	ng/ul	97
72) Carbazole	17.42	167	46688	1.365	ng/ul	95

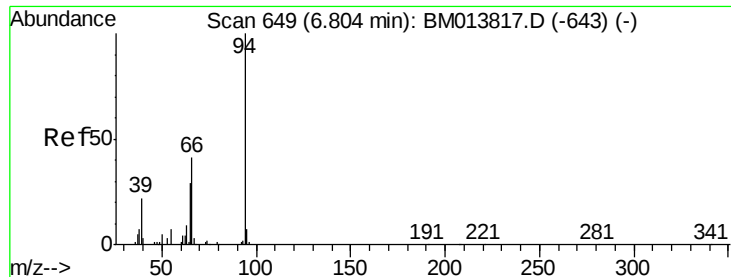
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.003 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM013824.D

Acq: 26 Jan 2018 02:09

Instrument :

BNA_M

ClientSampleId :

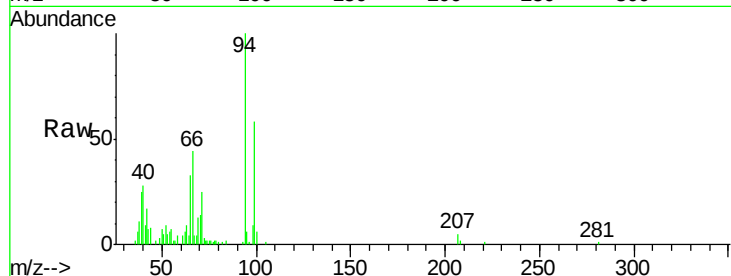
Tot Ion: 94 Resp: 47403

Ion Ratio Lower Upper

94 100

65 33.1 28.2 42.4

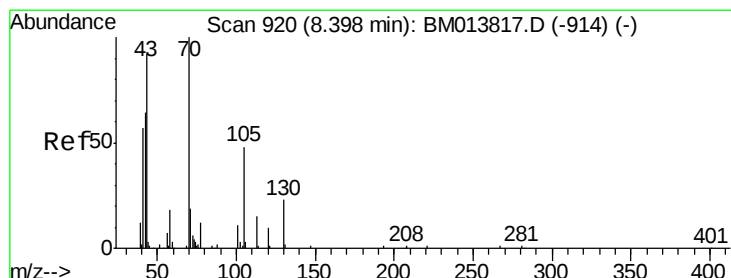
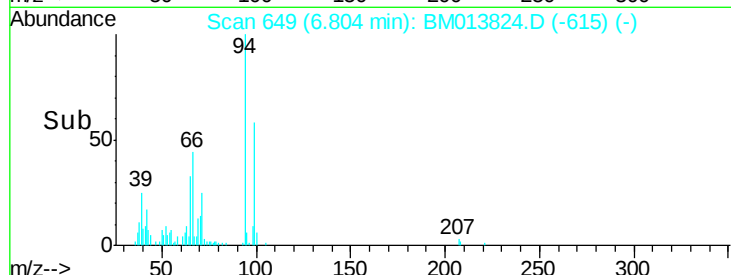
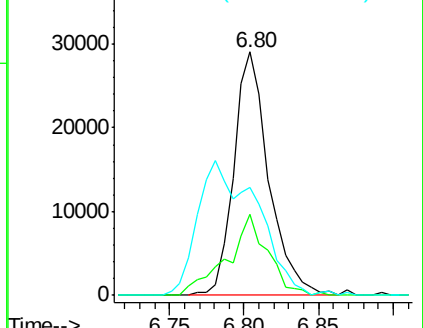
66 44.4 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013817.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013817.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013817.D (-643) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.196 ng/ul

RT: 8.30 min Scan# 904

Delta R.T. -0.09 min

Lab File: BM013824.D

Acq: 26 Jan 2018 02:09

Tgt Ion: 70 Resp: 8764

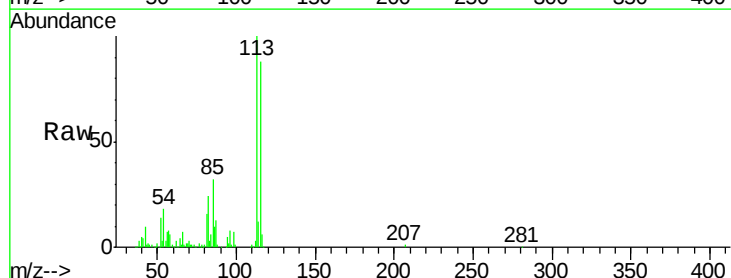
Ion Ratio Lower Upper

70 100

42 316.1 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

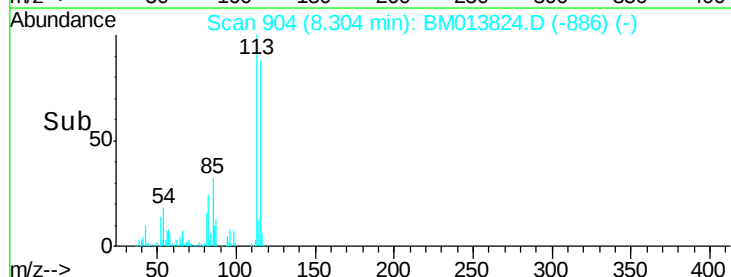
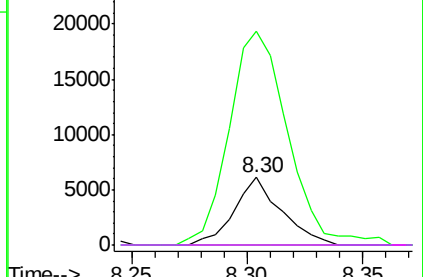


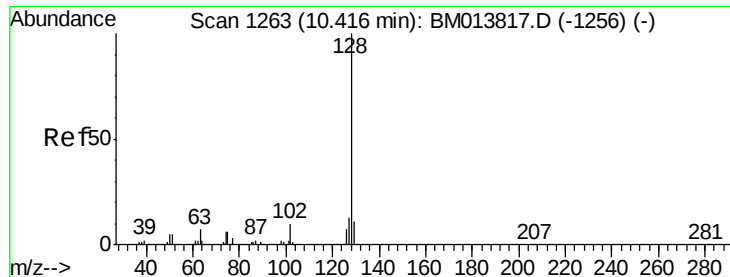
Abundance Ion 70.00 (69.70 to 70.70): BM013817.D (-914) (-)

Ion 42.00 (41.70 to 42.70): BM013817.D (-914) (-)

Ion 101.00 (100.70 to 101.70): BM013817.D (-914) (-)

Ion 130.00 (129.70 to 130.70): BM013817.D (-914) (-)

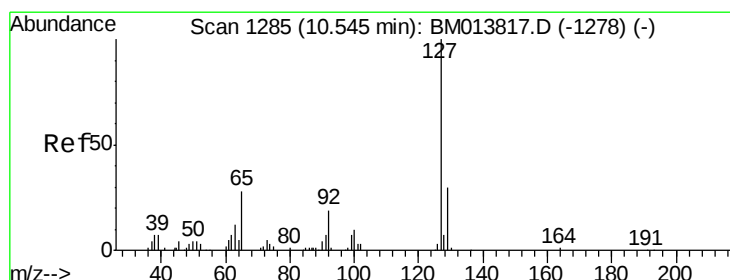
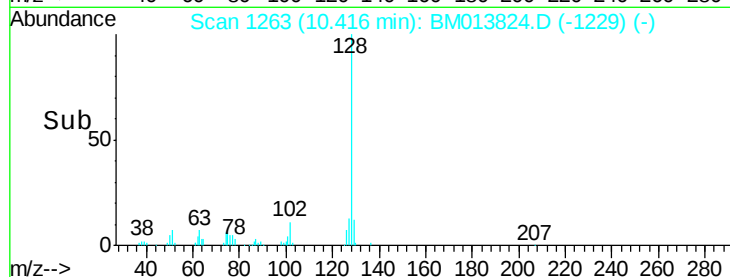
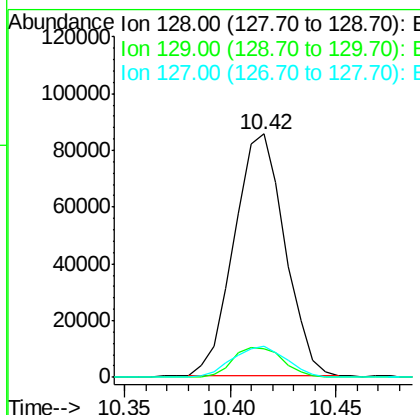
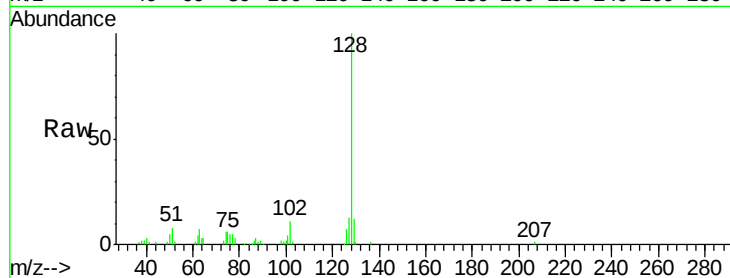




#28
Naphthalene
Concen: 4.944 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM013824.D
Acq: 26 Jan 2018 02:09

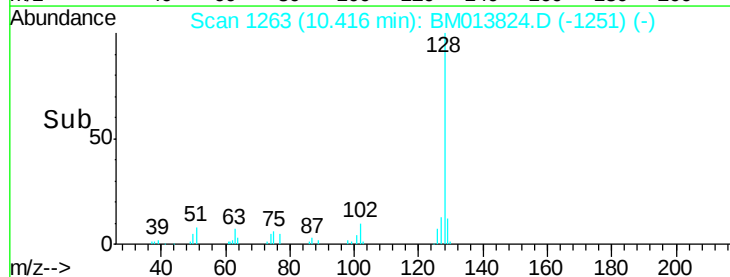
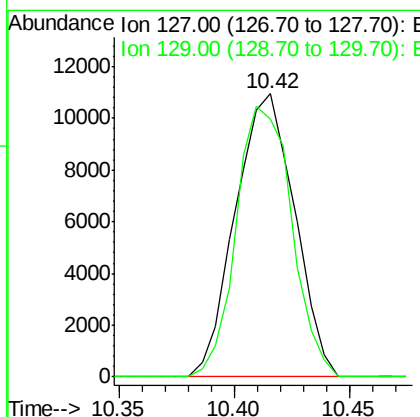
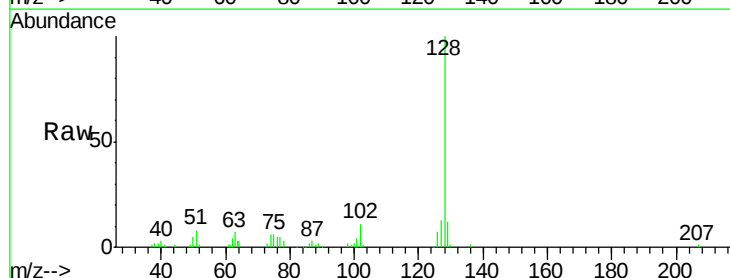
Instrument :
BNA_M
ClientSampled :

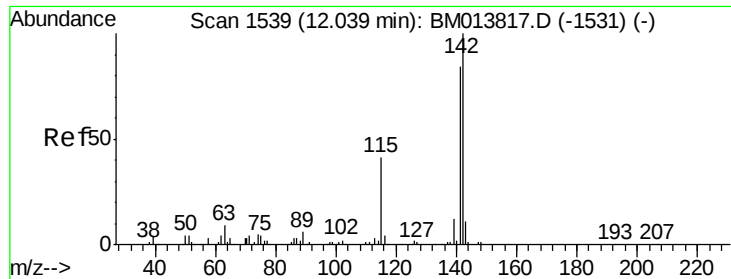
Tot Ion:128 Resp: 142188
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 12.8 10.6 16.0



#30
4-Chloroaniline
Concen: 2.479 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.13 min
Lab File: BM013824.D
Acq: 26 Jan 2018 02:09

Tgt Ion:127 Resp: 19531
Ion Ratio Lower Upper
127 100
129 90.9 28.4 42.6#

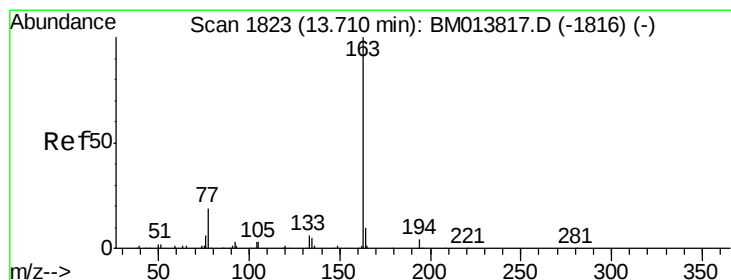
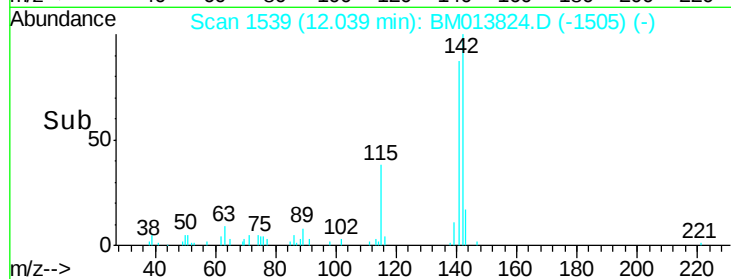
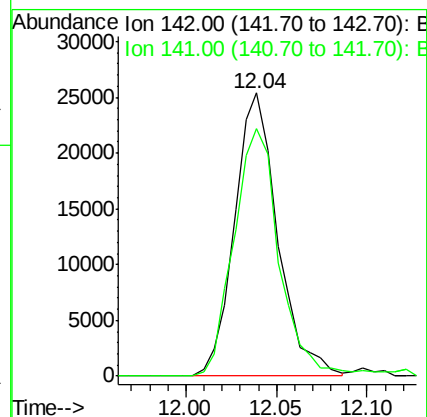
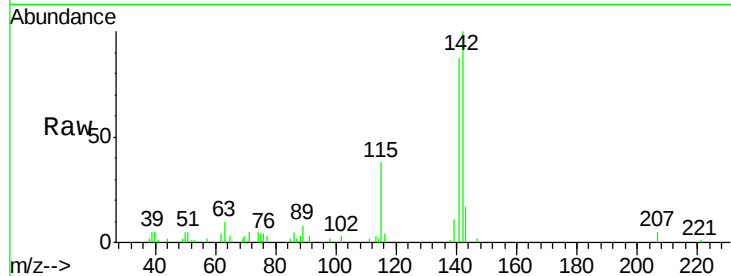




#34
2-Methylnaphthalene
Concen: 1.958 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM013824.D
Acq: 26 Jan 2018 02:09

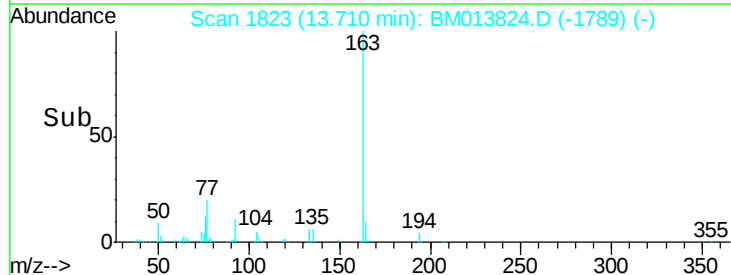
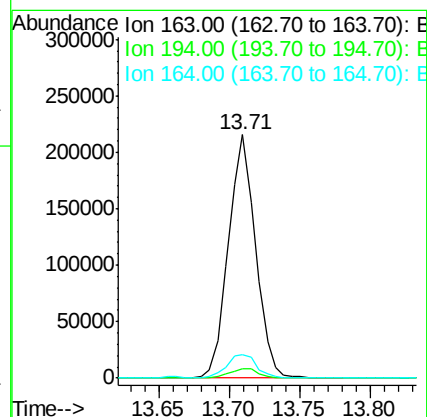
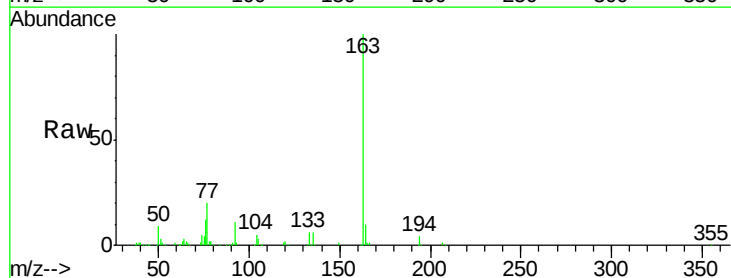
Instrument :
BNA_M
ClientSampleId :

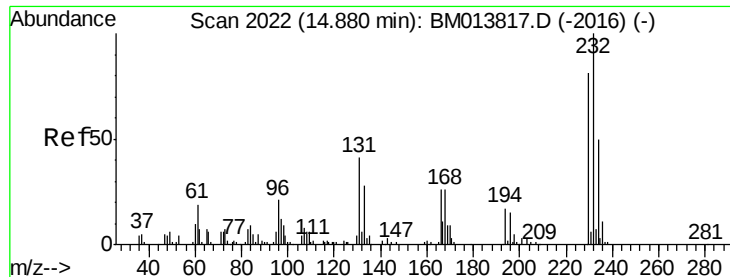
Tot Ion:142 Resp: 41991
Ion Ratio Lower Upper
142 100
141 87.2 74.1 111.1



#44
Dimethylphthalate
Concen: 11.231 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BM013824.D
Acq: 26 Jan 2018 02:09

Tgt Ion:163 Resp: 288782
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.8 8.2 12.4

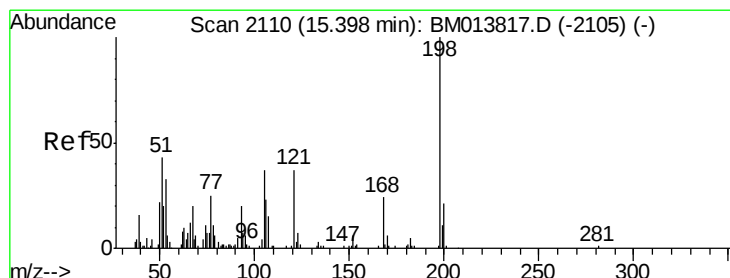
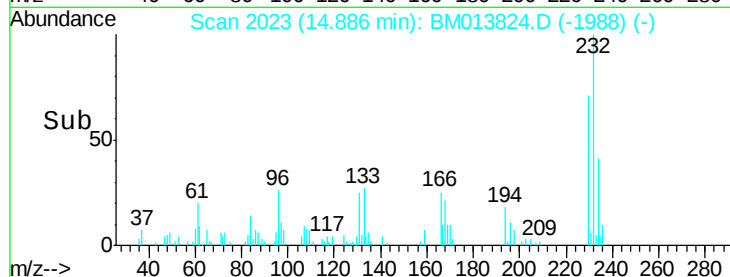
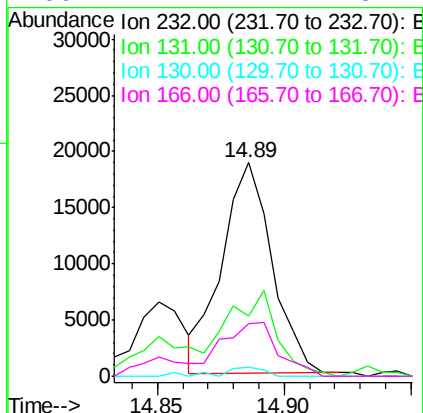
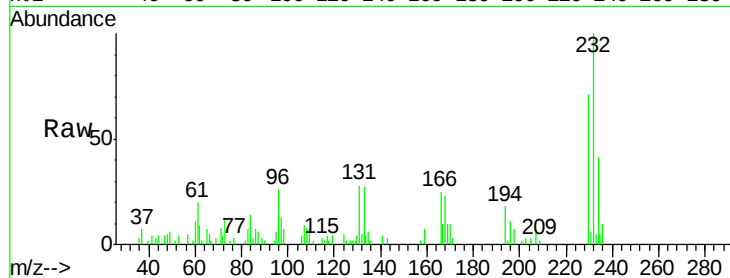




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 3.876 ng/ul
 RT: 14.89 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BM013824.D
 Acq: 26 Jan 2018 02:09

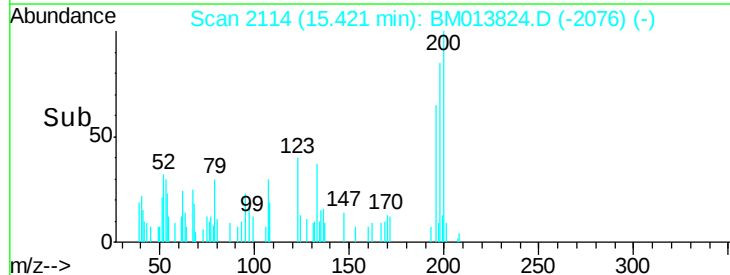
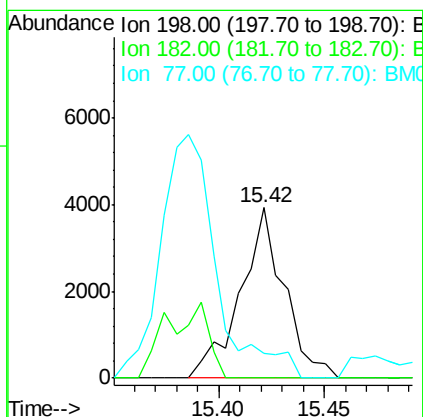
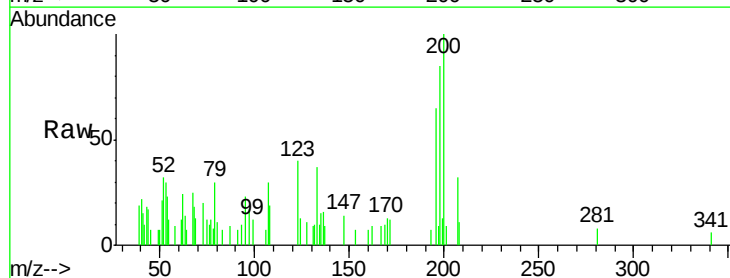
Instrument :
 BNA_M
 ClientSampled :

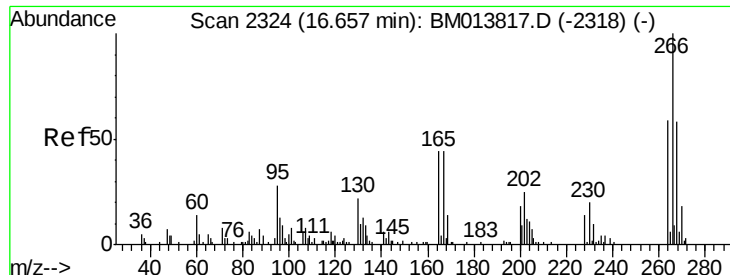
Tot Ion:232 Resp: 25818
 Ion Ratio Lower Upper
 232 100
 131 28.5 29.0 43.4#
 130 4.0 2.0 3.0#
 166 24.7 21.4 32.2



#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.242 ng/ul
 RT: 15.42 min Scan# 2114
 Delta R.T. 0.02 min
 Lab File: BM013824.D
 Acq: 26 Jan 2018 02:09

Tgt Ion:198 Resp: 5700
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.8 5.6#
 77 14.2 25.2 37.8#

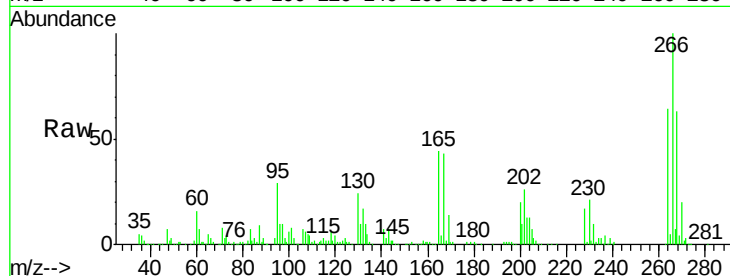




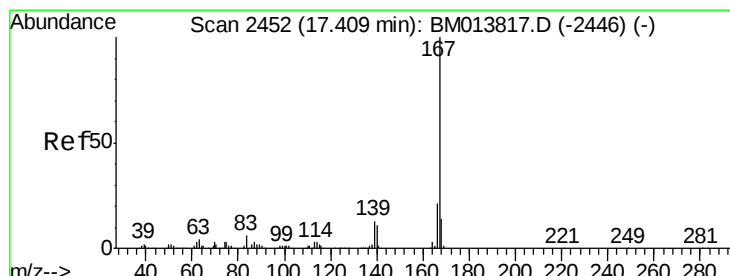
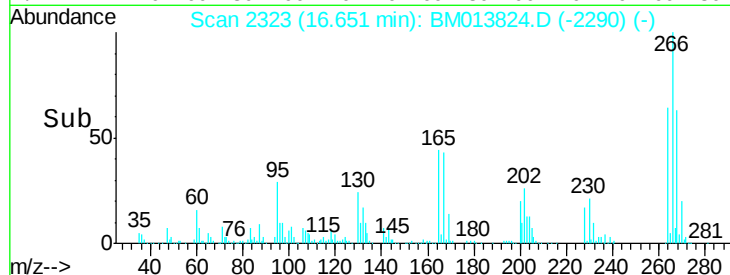
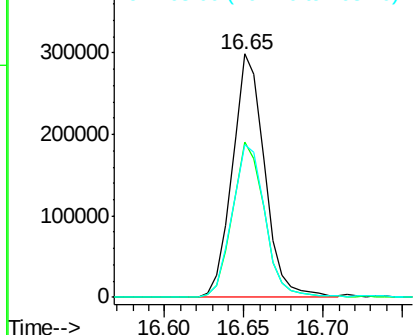
#68
 Pentachlorophenol
 Concen: 86.293 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BM013824.D
 Acq: 26 Jan 2018 02:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.6	49.3	73.9
268	62.8	52.6	78.8

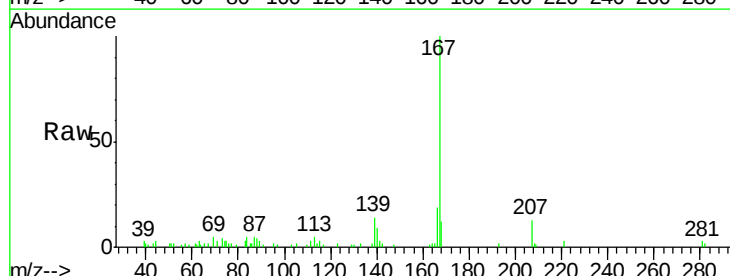


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#72
 Carbazole
 Concen: 1.365 ng/ul
 RT: 17.42 min Scan# 2454
 Delta R.T. 0.01 min
 Lab File: BM013824.D
 Acq: 26 Jan 2018 02:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	18.6	17.1	25.7
139	13.9	10.0	15.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

