

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013808.D
 Acq On : 25 Jan 2018 16:38
 Operator : SJ/JU
 Sample : J1243-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 26 00:24:20 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 00:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	129358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	476661	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	266824	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	587522	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	573984	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	564157	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	15006	4.59	ng/uL	0.00
5) Phenol-d5	6.78	99	344572	34.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	202881	33.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	296735	36.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	292898	38.37	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	141756	38.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	163258	41.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	293709	38.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	261015	39.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	845597	38.45	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1082848	38.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	110867	31.02	ng/ul	0.00
57) Fluorene-d10	15.24	176	725422	37.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	117199	33.14	ng/ul	0.00
70) Anthracene-d10	17.10	188	1081785	37.80	ng/ul	0.00
76) Pyrene-d10	19.40	212	1154061	43.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	1046313	40.35	ng/ul	0.00

Target Compounds

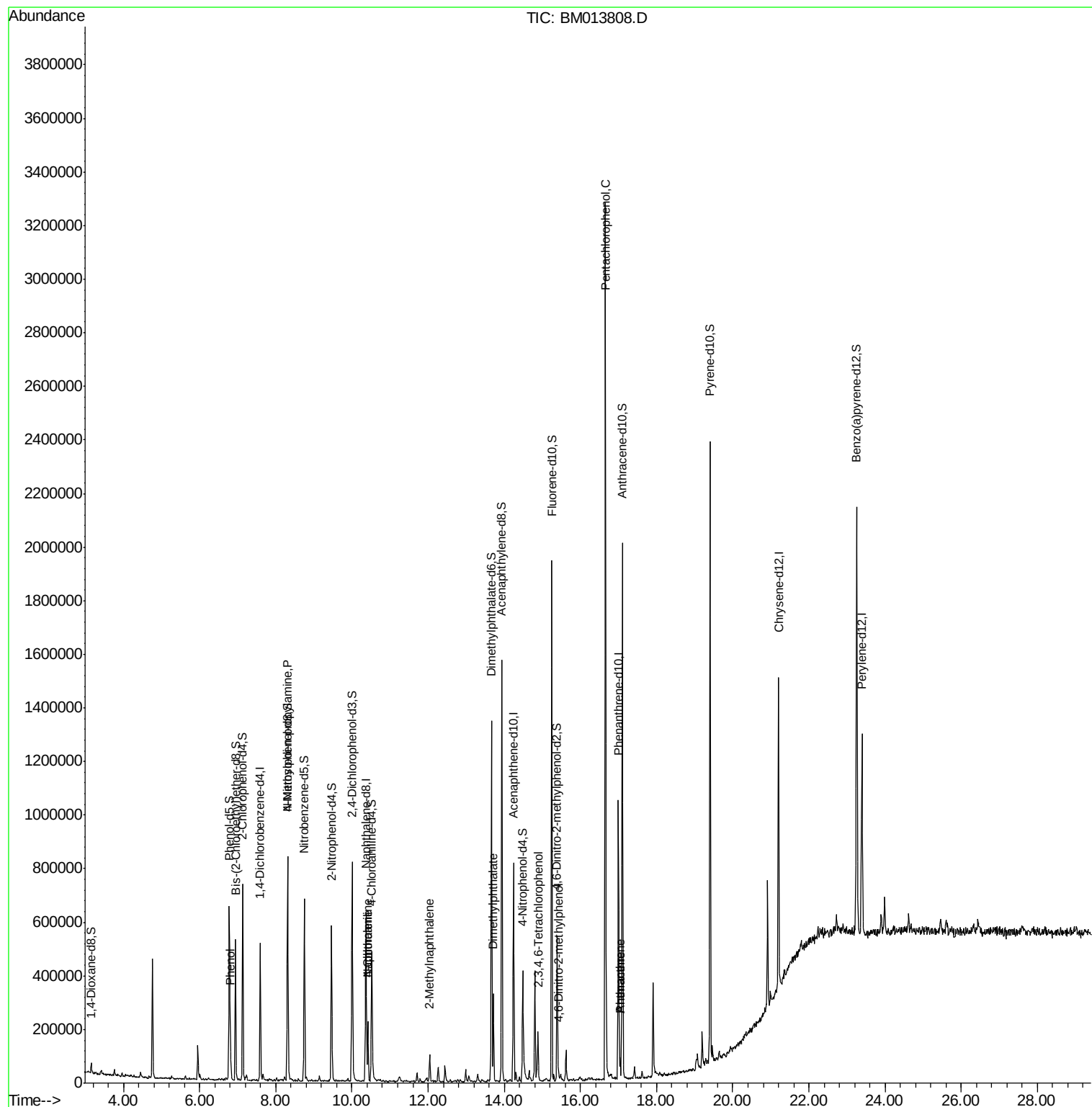
					Ovalue	
6) Phenol	6.81	94	46119	4.630	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.31	70	7125	1.156	ng/ul#	1
28) Naphthalene	10.42	128	163794	6.907	ng/ul	99
30) 4-Chloroaniline	10.42	127	22628	3.484	ng/ul#	5
34) 2-Methylnaphthalene	12.04	142	49138	2.779	ng/ul	88
44) Dimethylphthalate	13.72	163	198946	9.201	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.89	232	35134	6.273	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	3814	1.022	ng/ul#	71
68) Pentachlorophenol	16.66	266	531504	133.906	ng/ul	97
69) Phenanthrene	17.04	178	44852	1.373	ng/ul	97
71) Anthracene	17.04	178	44852	1.332	ng/ul	99

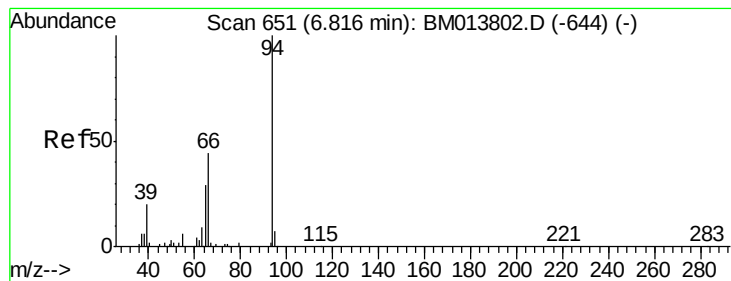
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.630 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM013808.D

Acq: 25 Jan 2018 16:38

Instrument :

BNA_M

ClientSampleId :

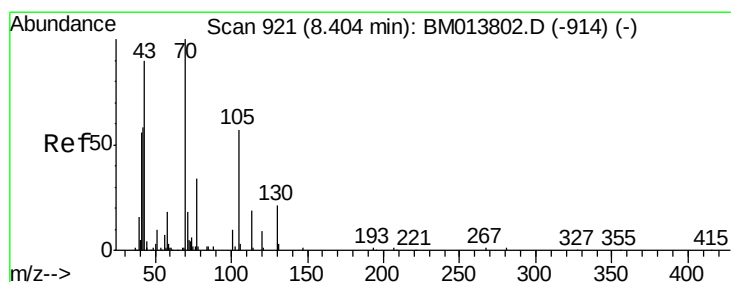
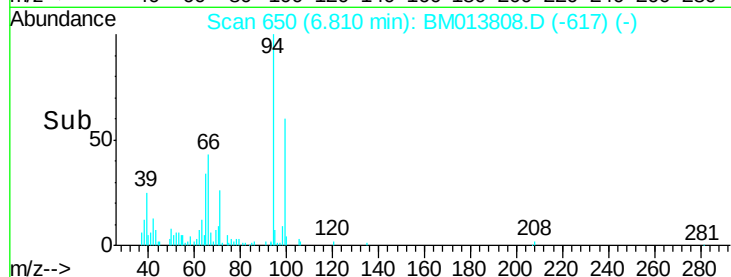
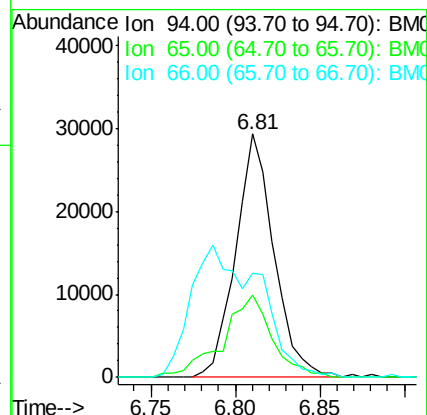
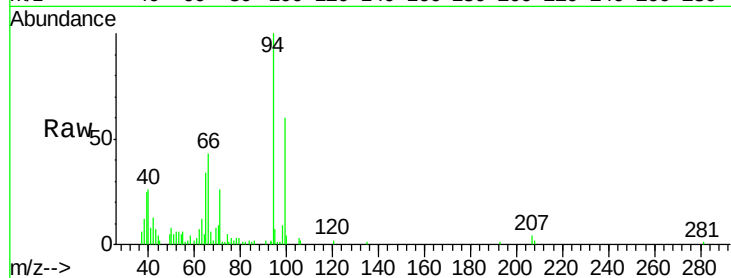
Tot Ion: 94 Resp: 46119

Ion Ratio Lower Upper

94 100

65 33.6 28.2 42.4

66 43.0 47.2 70.8#



#15

N-Nitroso-di-n-propylamine

Concen: 1.156 ng/ul

RT: 8.31 min Scan# 905

Delta R.T. -0.09 min

Lab File: BM013808.D

Acq: 25 Jan 2018 16:38

Tgt Ion: 70 Resp: 7125

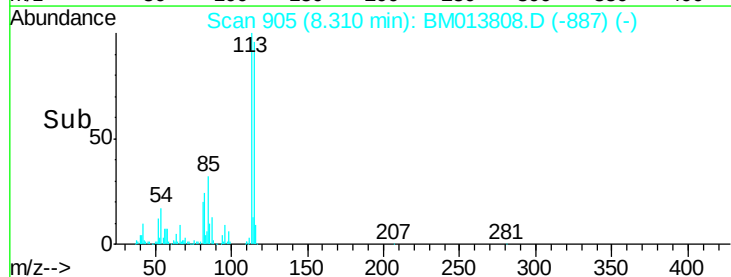
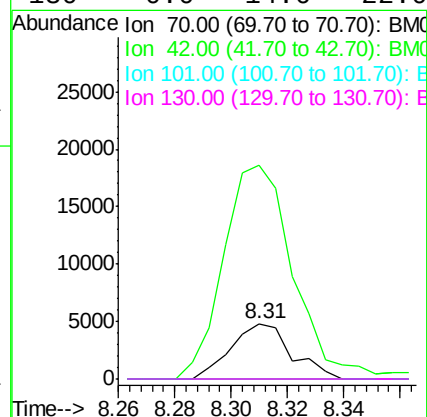
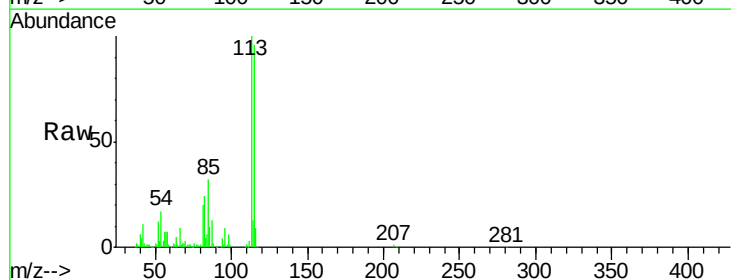
Ion Ratio Lower Upper

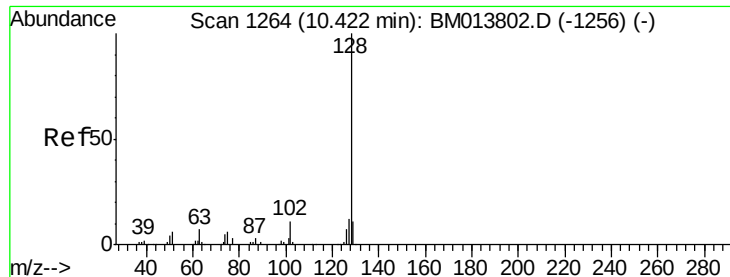
70 100

42 387.9 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

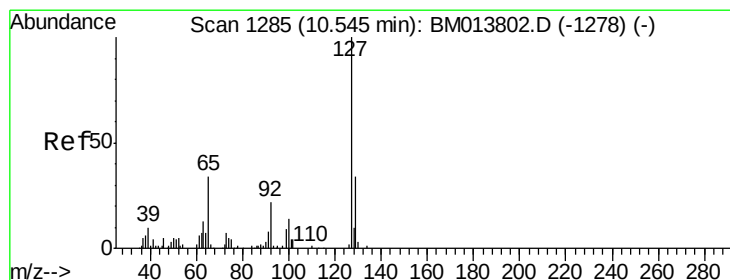
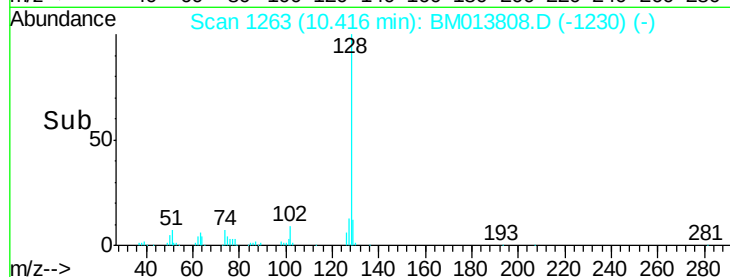
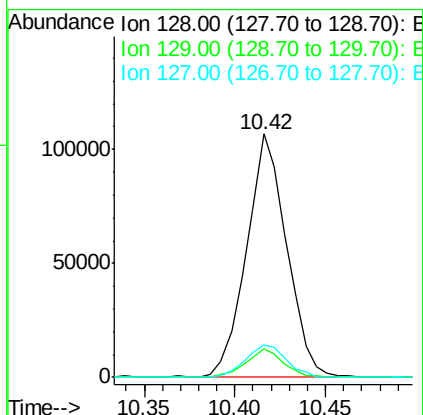
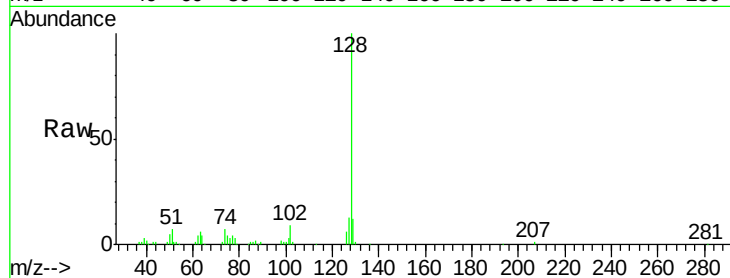




#28
Naphthalene
Concen: 6.907 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM013808.D
Acq: 25 Jan 2018 16:38

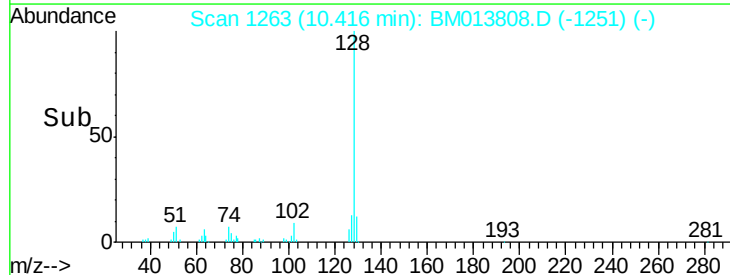
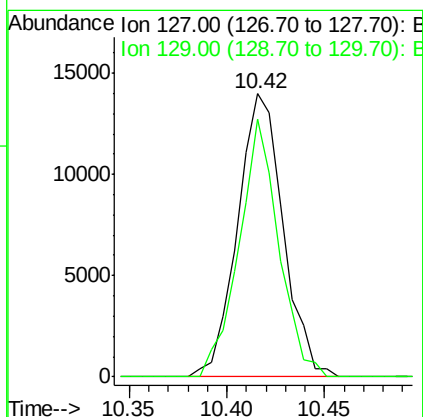
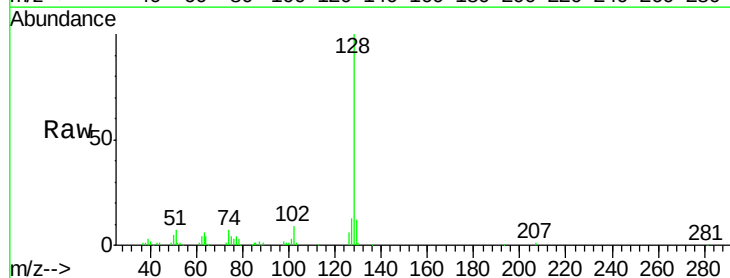
Instrument :
BNA_M
ClientSampleId :

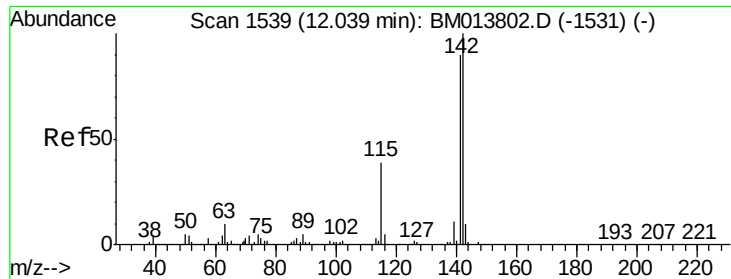
Tot Ion:128 Resp: 163794
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.1 10.6 16.0



#30
4-Chloroaniline
Concen: 3.484 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. -0.13 min
Lab File: BM013808.D
Acq: 25 Jan 2018 16:38

Tgt Ion:127 Resp: 22628
Ion Ratio Lower Upper
127 100
129 91.0 28.4 42.6#

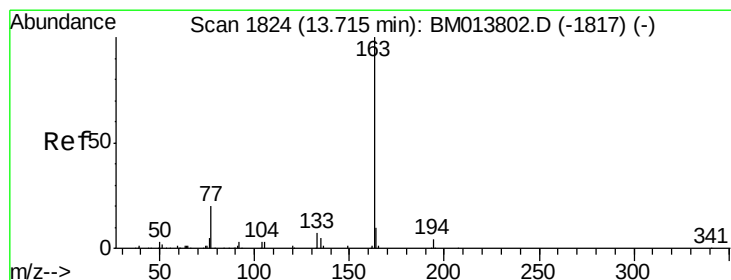
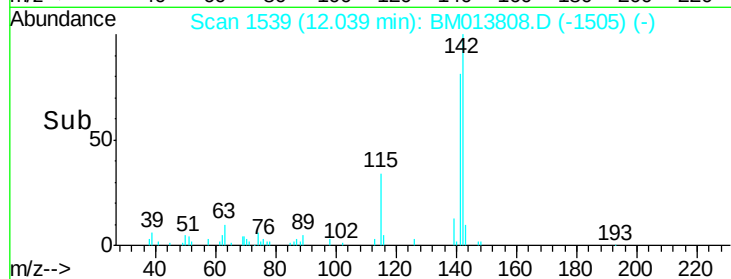
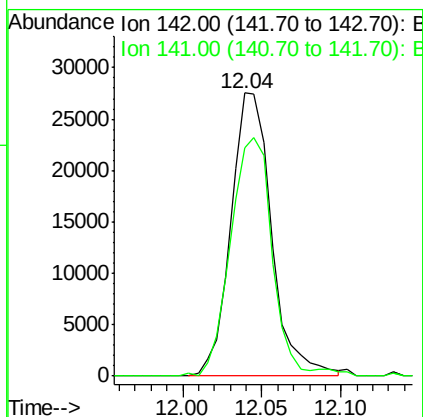
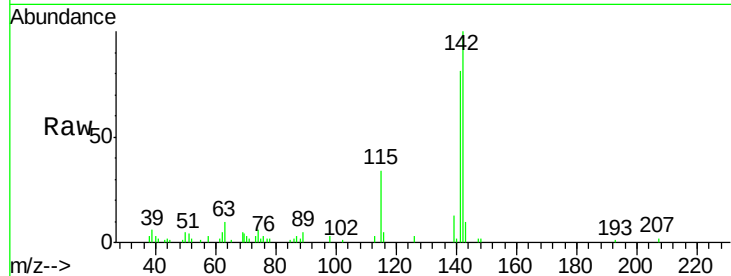




#34
2-Methylnaphthalene
Concen: 2.779 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BM013808.D
Acq: 25 Jan 2018 16:38

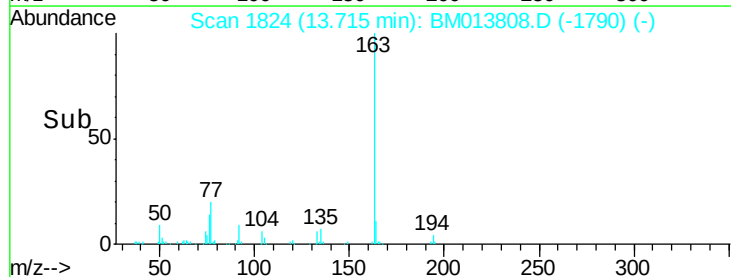
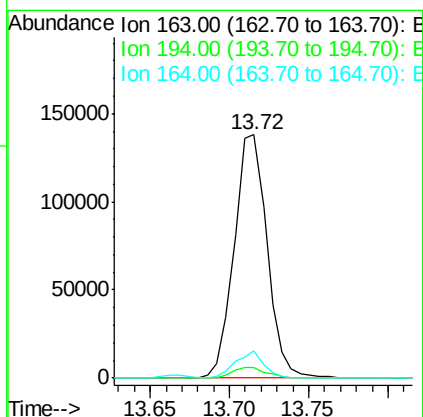
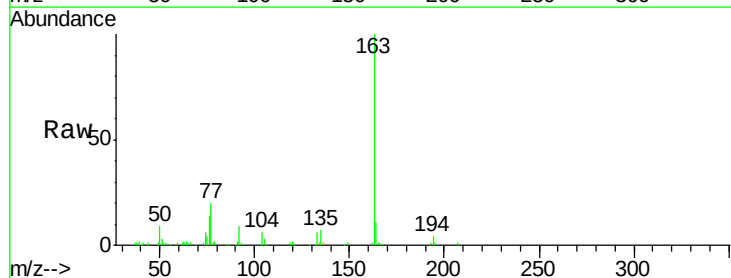
Instrument :
BNA_M
ClientSampleId :

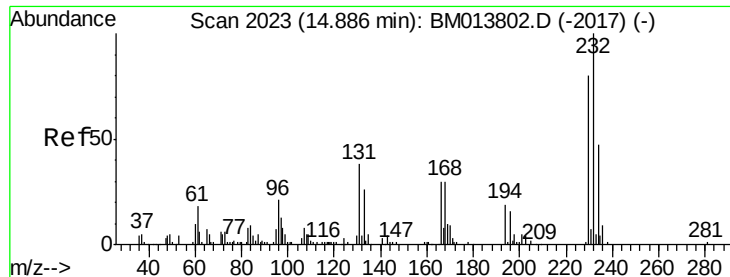
Tot Ion:142 Resp: 49138
Ion Ratio Lower Upper
142 100
141 80.7 74.1 111.1



#44
Dimethylphthalate
Concen: 9.201 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BM013808.D
Acq: 25 Jan 2018 16:38

Tgt Ion:163 Resp: 198946
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 11.4 8.2 12.4

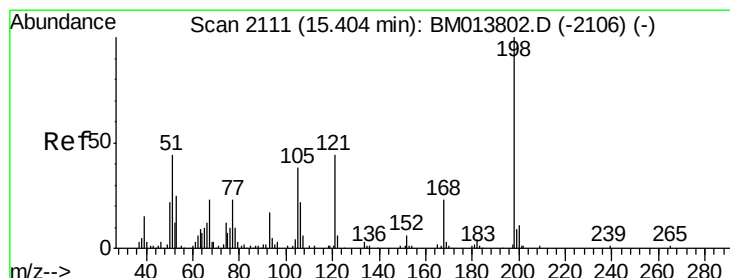
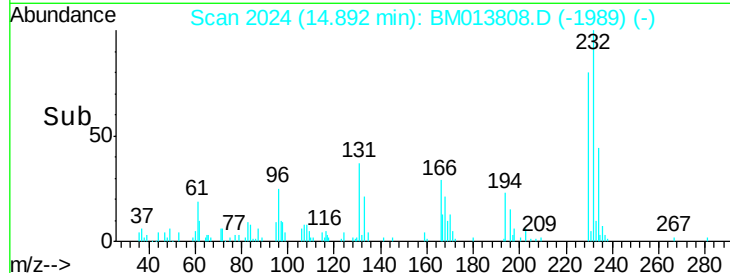
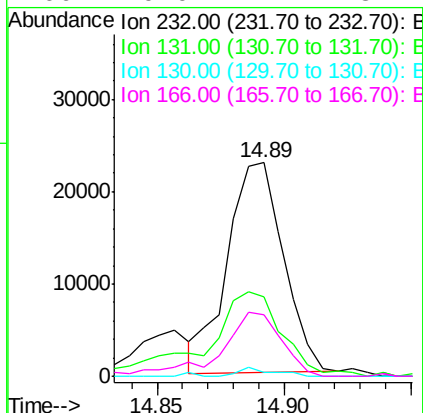
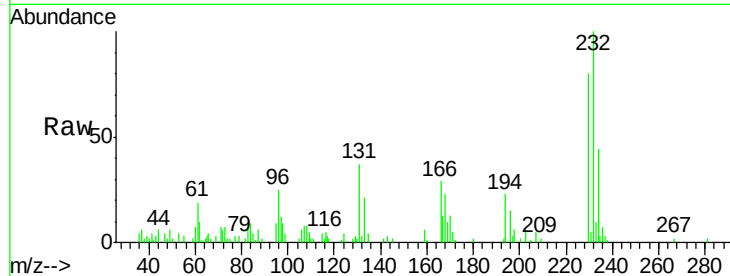




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 6.273 ng/ul
 RT: 14.89 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BM013808.D
 Acq: 25 Jan 2018 16:38

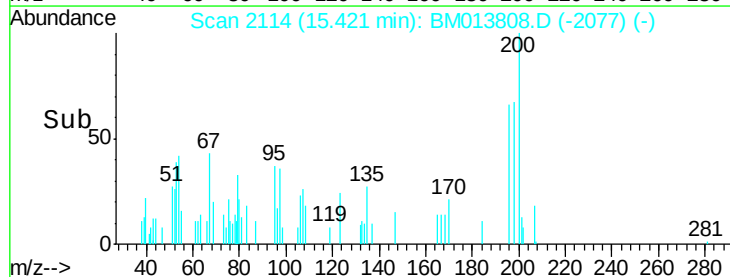
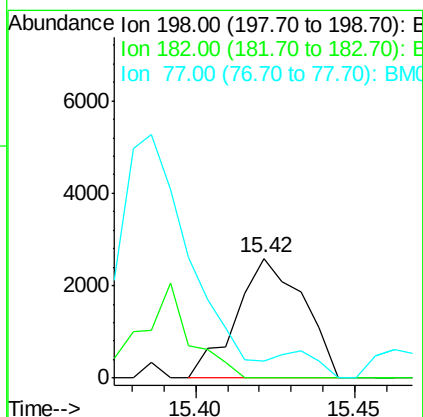
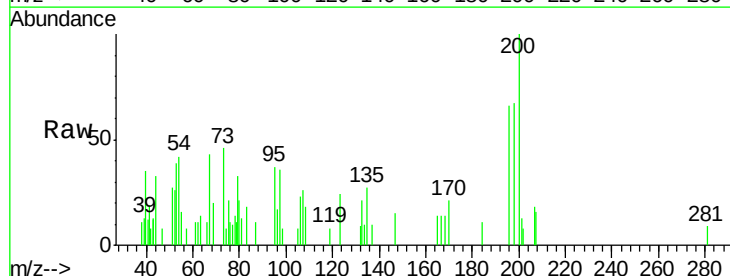
Instrument :
 BNA_M
 ClientSampleId :

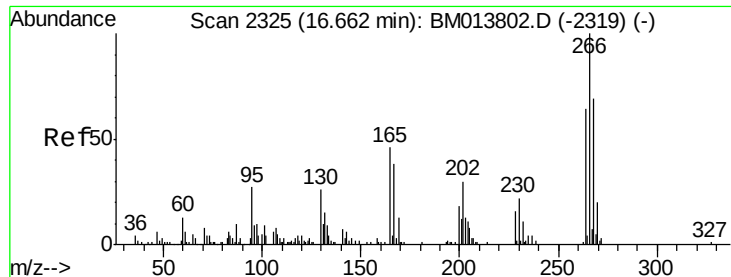
Tot Ion:232 Resp: 35134
 Ion Ratio Lower Upper
 232 100
 131 37.2 29.0 43.4
 130 2.0 2.0 3.0
 166 29.0 21.4 32.2



#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.022 ng/ul
 RT: 15.42 min Scan# 2114
 Delta R.T. 0.02 min
 Lab File: BM013808.D
 Acq: 25 Jan 2018 16:38

Tgt Ion:198 Resp: 3814
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.8 5.6#
 77 14.5 25.2 37.8#

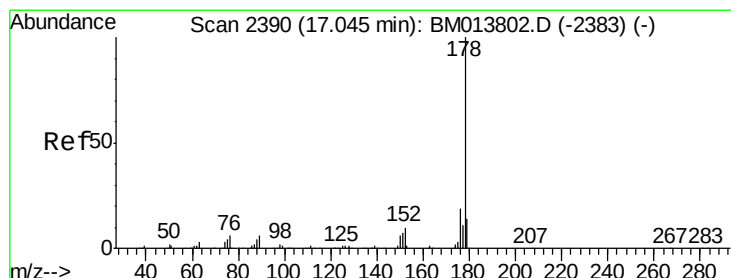
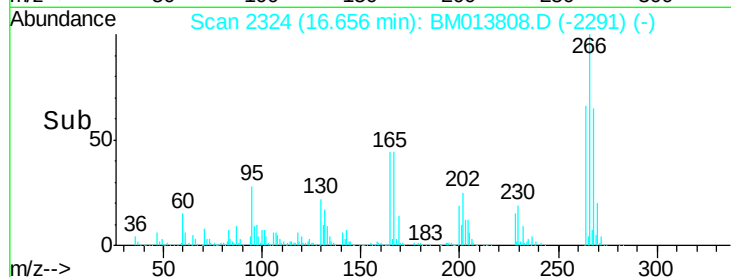
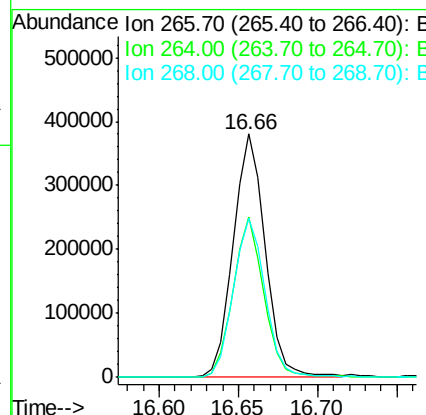
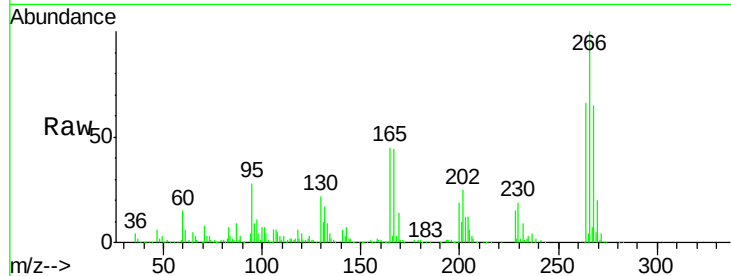




#68
 Pentachlorophenol
 Concen: 133.906 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BM013808.D
 Acq: 25 Jan 2018 16:38

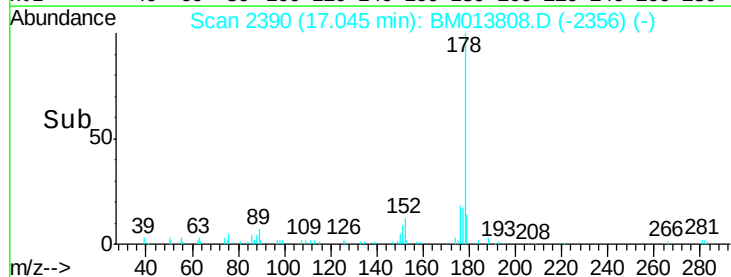
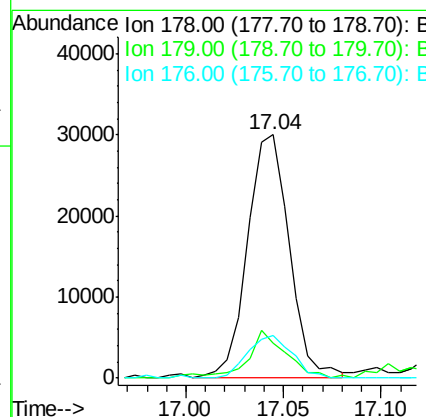
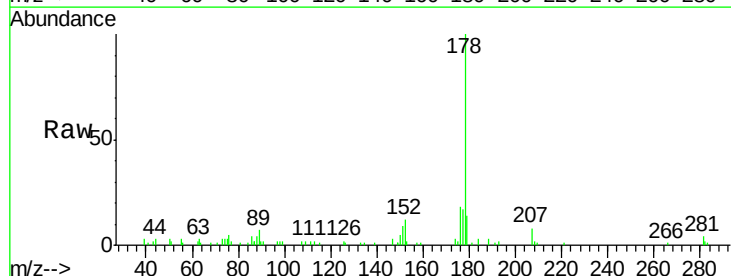
Instrument :
 BNA_M
 ClientSampleId :

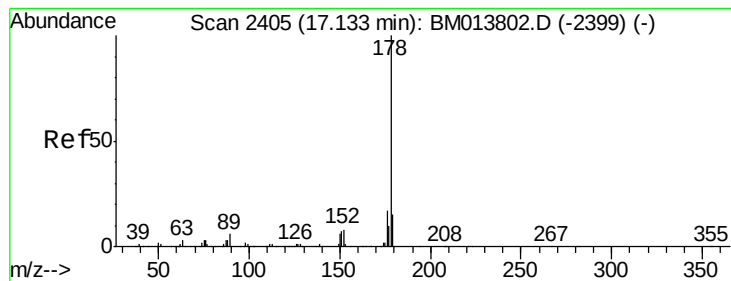
Tot Ion	Ratio	Lower	Upper
266	100		
264	65.7	49.3	73.9
268	65.3	52.6	78.8



#69
 Phenanthrene
 Concen: 1.373 ng/ul
 RT: 17.04 min Scan# 2390
 Delta R.T. -0.00 min
 Lab File: BM013808.D
 Acq: 25 Jan 2018 16:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.6	19.0
176	17.7	14.9	22.3





#71

Anthracene

Concen: 1.332 ng/ul

RT: 17.04 min Scan# 2390

Delta R.T. -0.09 min

Lab File: BM013808.D

Acq: 25 Jan 2018 16:38

Instrument :

BNA_M

ClientSampleId :

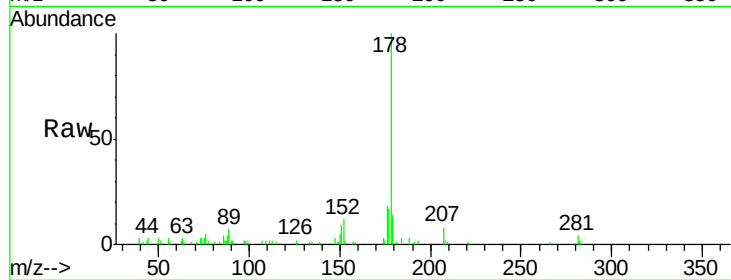
Tot Ion:178 Resp: 44852

Ion Ratio Lower Upper

178 100

179 14.4 11.7 17.5

176 17.7 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

