

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100518\
 Data File : BM017036.D
 Acq On : 05 Oct 2018 14:17
 Operator : MJ/SJ
 Sample : J5250-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 23:11:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 23:10:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	227139	20.00	ng/ul	0.05
18) Naphthalene-d8	10.50	136	1388035	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.33	164	751415	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1705199	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1577241	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	1397428	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	30026	6.57	ng/uL	0.00
5) Phenol-d5	6.87	99	185614	9.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	510389	44.33	ng/ul	0.03
9) 2-Chlorophenol-d4	7.25	132	597792	37.87	ng/ul	0.01
13) 4-Methylphenol-d8	8.41	113	356921	23.99	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	359860	35.47	ng/ul	0.01
22) 2-Nitrophenol-d4	9.57	143	395482	38.32	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.10	165	666902	31.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	37058	1.45	ng/ul	0.01
44) Dimethylphthalate-d6	13.75	166	2217658	37.20	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2791784	36.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	75163	6.67	ng/ul	0.00
58) Fluorene-d10	15.33	176	1933614	36.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	321939	32.01	ng/ul	0.00
71) Anthracene-d10	17.18	188	2992681	36.74	ng/ul	0.00
79) Pyrene-d10	19.48	212	3184765	44.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	2750765	38.45	ng/ul	0.00

Target Compounds

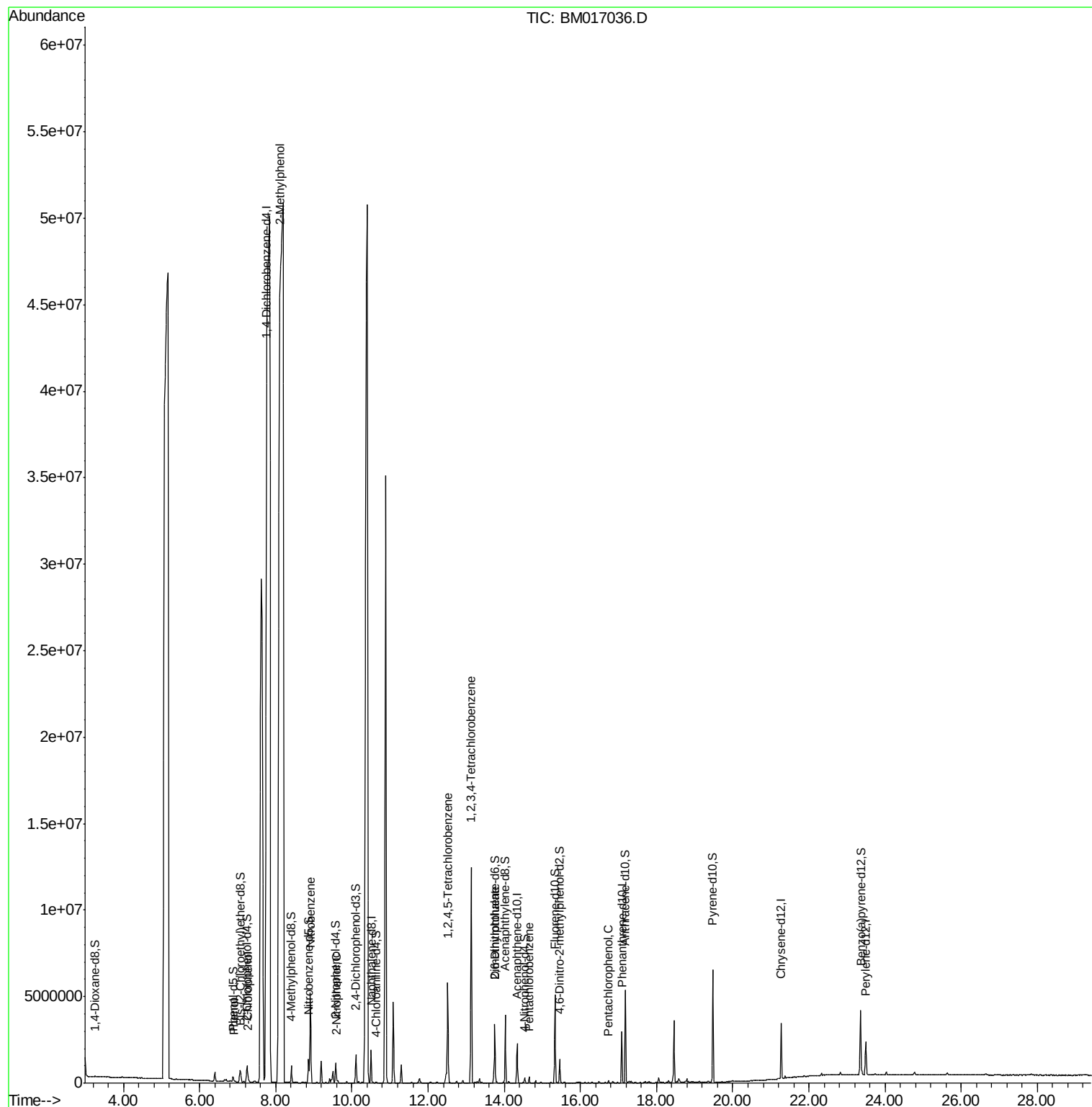
					Ovalue
6) Phenol	6.90	94	27737	1.460	ng/ul 96
10) 2-Chlorophenol	7.27	128	79697	5.070	ng/ul 98
11) 2-Methylphenol	8.12	108	290786	20.331	ng/ul 97
20) Nitrobenzene	8.91	77	2862121	119.357	ng/ul 96
23) 2-Nitrophenol	9.60	139	45189	3.875	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	2051214	79.498	ng/ul 98
46) 2,6-Dinitrotoluene	13.76	165	16805	1.691	ng/ul# 43
69) Pentachlorophenol	16.73	266	24243	1.859	ng/ul 92
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	4077371	149.829	ng/uL 98
74) Pentachlorobenzene	14.65	250	101767	3.980	ng/uL 98

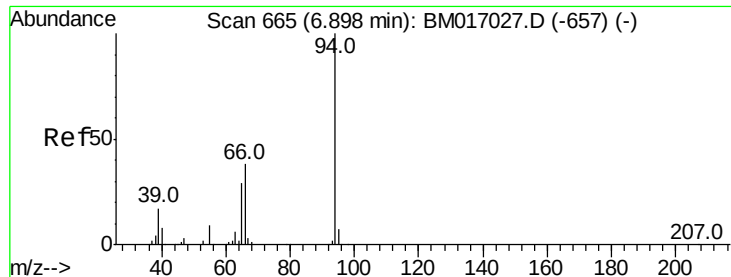
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.460 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM017036.D

Acq: 05 Oct 2018 14:17

Instrument :

BNA_M

ClientSampleId :

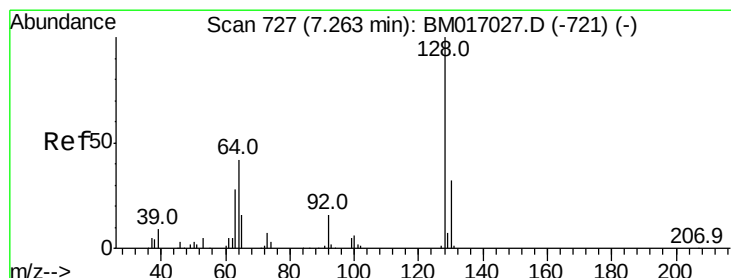
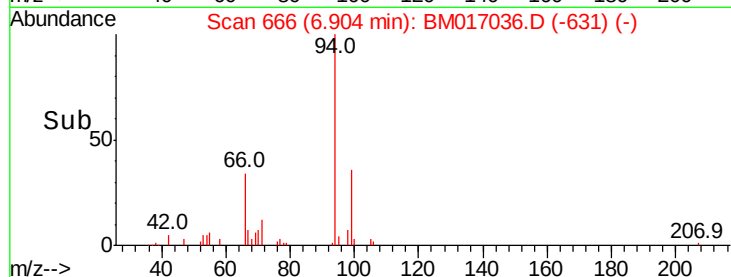
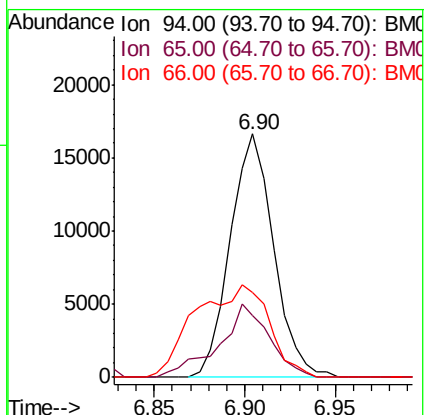
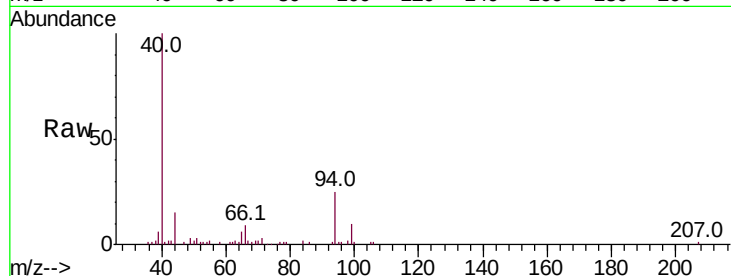
Tot Ion: 94 Resp: 27737

Ion Ratio Lower Upper

94 100

65 25.4 22.8 34.2

66 34.9 29.5 44.3



#10

2-Chlorophenol

Concen: 5.070 ng/ul

RT: 7.27 min Scan# 729

Delta R.T. 0.01 min

Lab File: BM017036.D

Acq: 05 Oct 2018 14:17

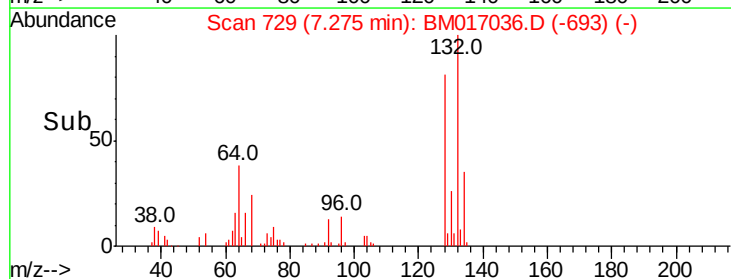
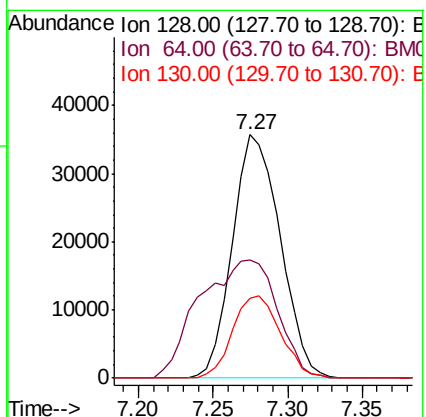
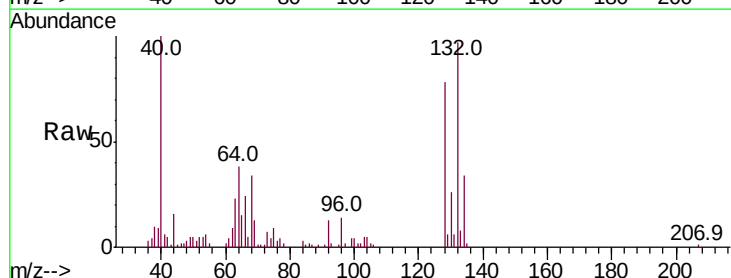
Tgt Ion: 128 Resp: 79697

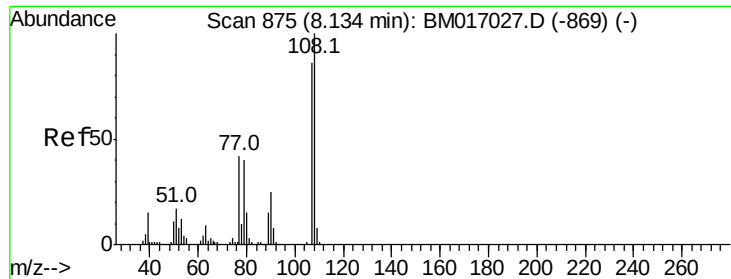
Ion Ratio Lower Upper

128 100

64 48.7 37.2 55.8

130 32.7 26.1 39.1

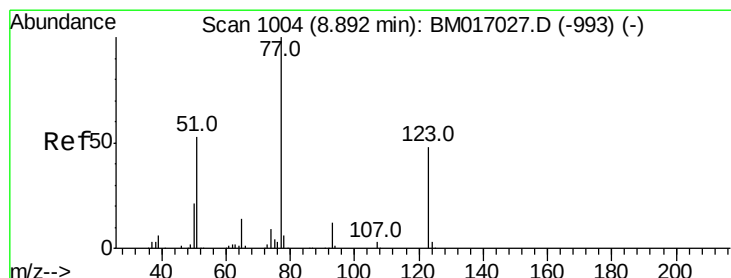
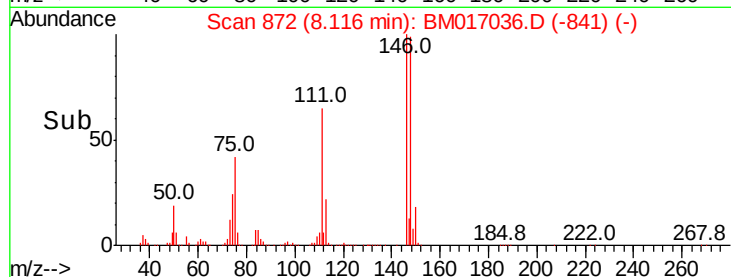
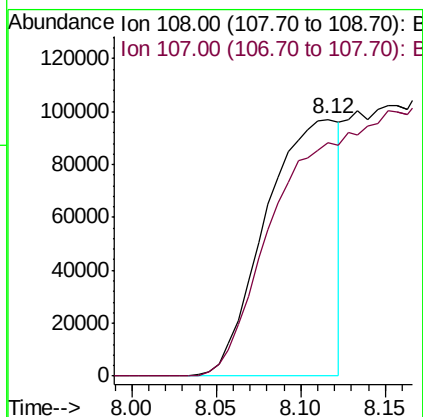
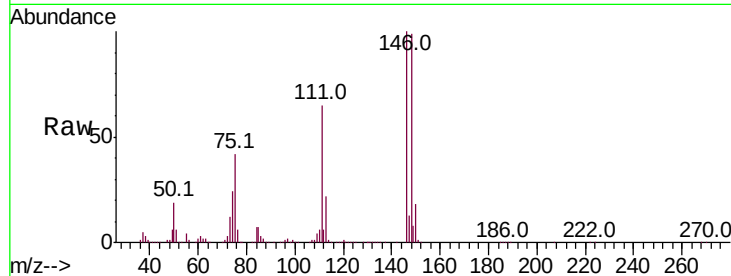




#11
2-Methylphenol
Concen: 20.331 ng/ul
RT: 8.12 min Scan# 872
Delta R.T. -0.02 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

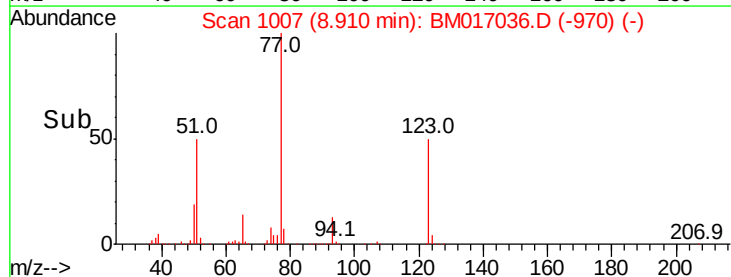
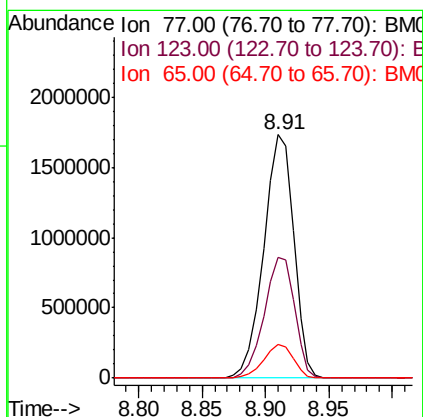
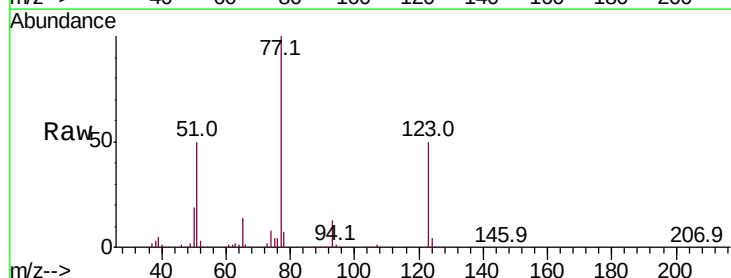
Instrument :
BNA_M
ClientSampleId :

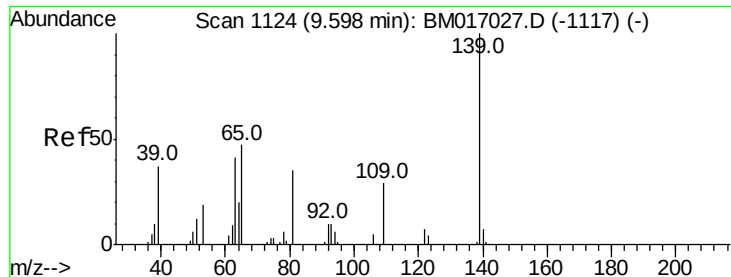
Tot Ion:108 Resp: 290786
Ion Ratio Lower Upper
108 100
107 90.7 70.3 105.5



#20
Nitrobenzene
Concen: 119.357 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Tgt Ion: 77 Resp: 2862121
Ion Ratio Lower Upper
77 100
123 49.6 37.6 56.4
65 13.7 10.1 15.1

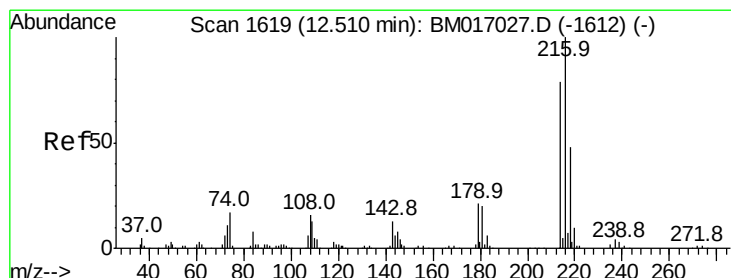
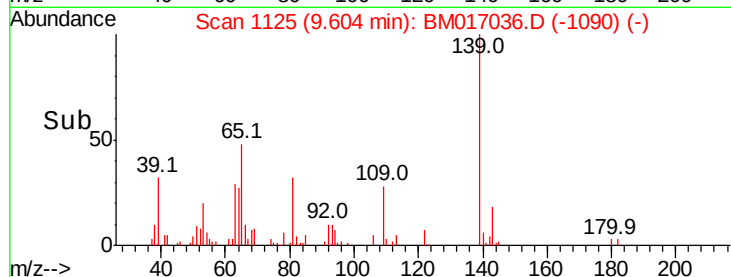
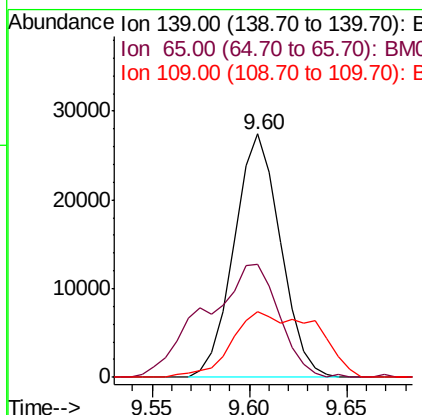
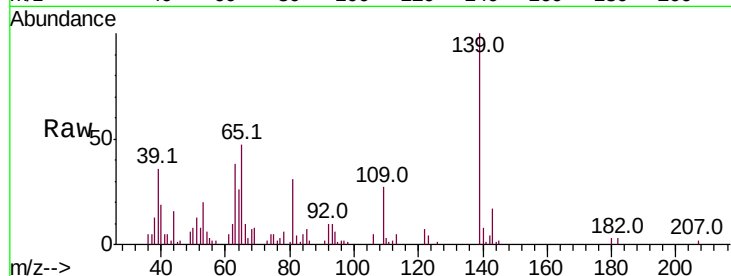




#23
2-Nitrophenol
Concen: 3.875 ng/ul
RT: 9.60 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

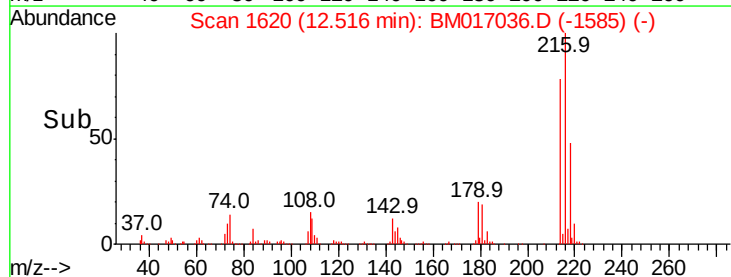
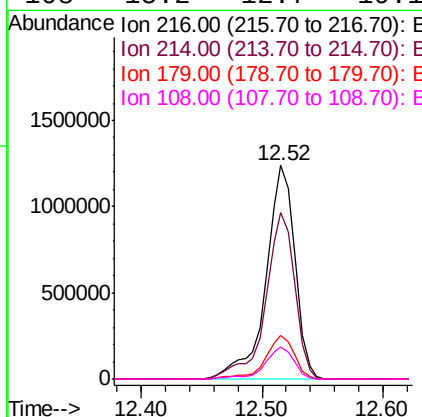
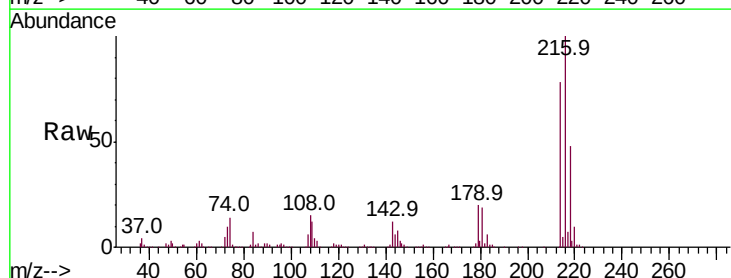
Instrument :
BNA_M
ClientSampleId :

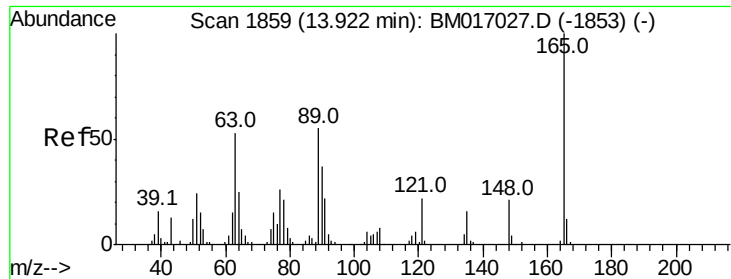
Tot Ion:139 Resp: 45189
Ion Ratio Lower Upper
139 100
65 46.5 38.2 57.2
109 27.0 22.7 34.1



#37
1,2,4,5-Tetrachlorobenzene
Concen: 79.498 ng/ul
RT: 12.52 min Scan# 1620
Delta R.T. 0.01 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Tgt Ion:216 Resp: 2051214
Ion Ratio Lower Upper
216 100
214 78.0 61.0 91.6
179 20.4 16.6 24.8
108 15.2 12.7 19.1

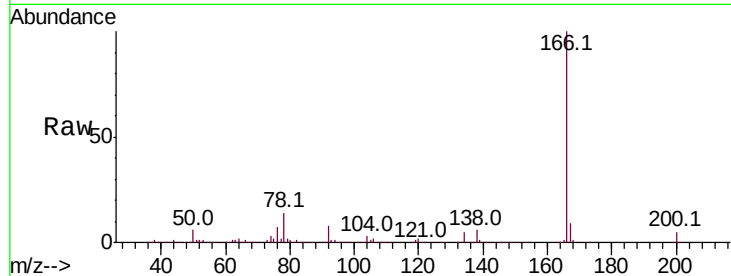




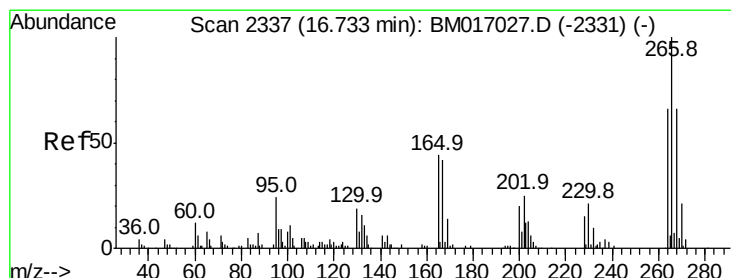
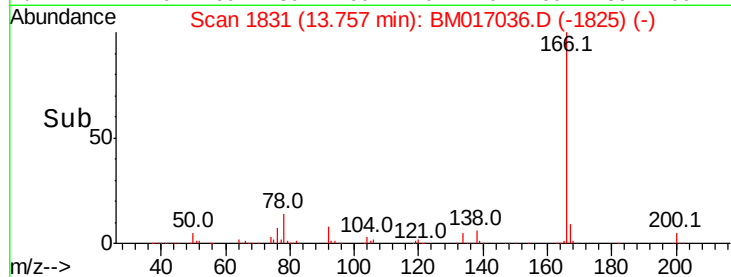
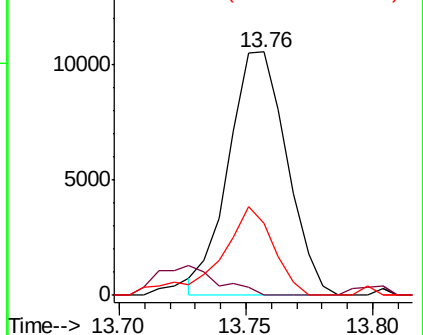
#46
2,6-Dinitrotoluene
Concen: 1.691 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.16 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.0	64.6#
121	29.6	18.0	27.0#

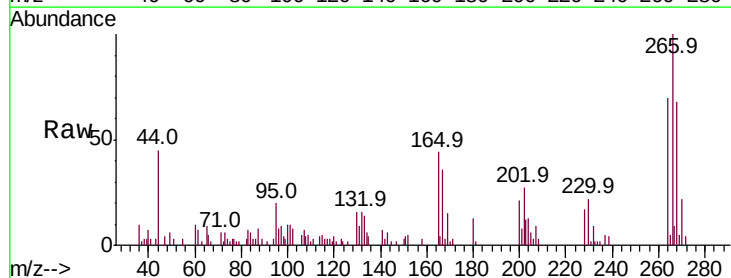


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM
Ion 121.00 (120.70 to 121.70): E

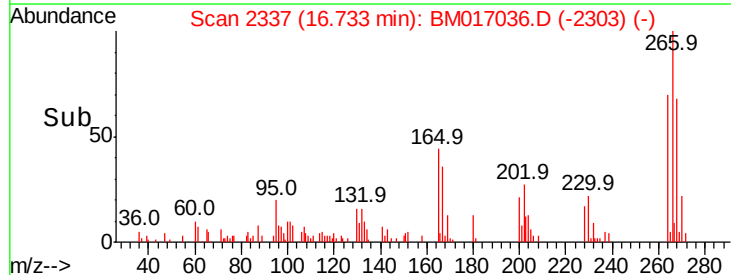
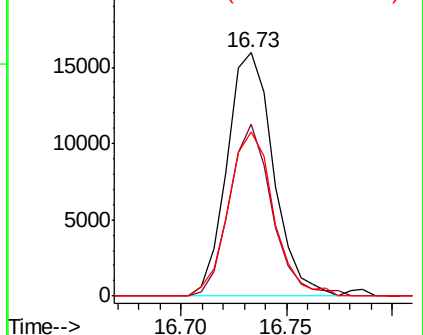


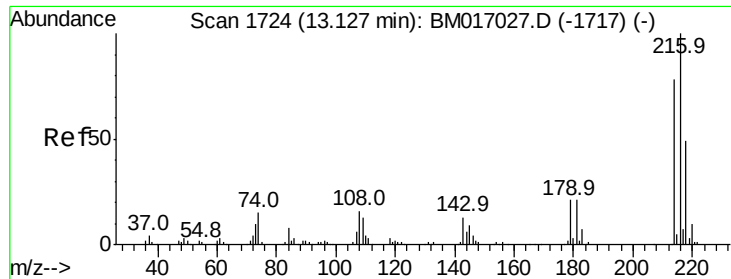
#69
Pentachlorophenol
Concen: 1.859 ng/ul
RT: 16.73 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BM017036.D
Acq: 05 Oct 2018 14:17

Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.5	50.4	75.6
268	72.3	53.6	80.4



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

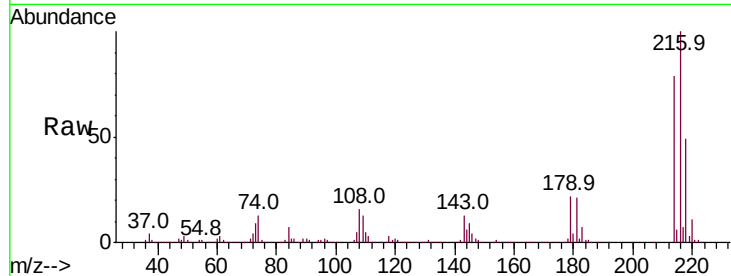




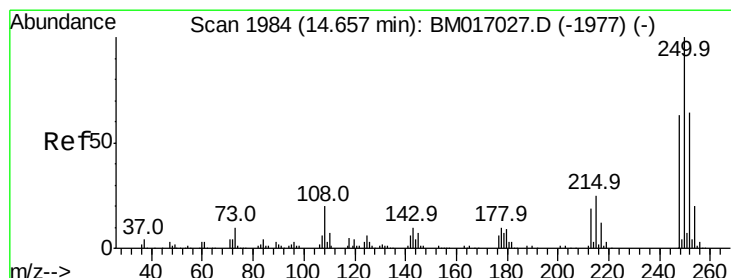
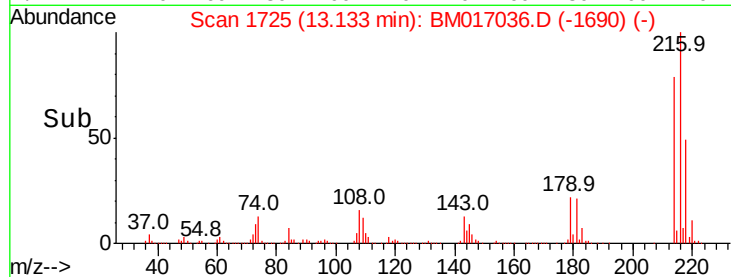
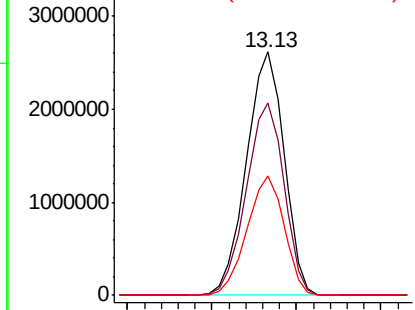
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 149.829 ng/uL
 RT: 13.13 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BM017036.D
 Acq: 05 Oct 2018 14:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 4077371
 Ion Ratio Lower Upper
 216 100
 214 78.8 61.6 92.4
 218 48.9 37.8 56.6

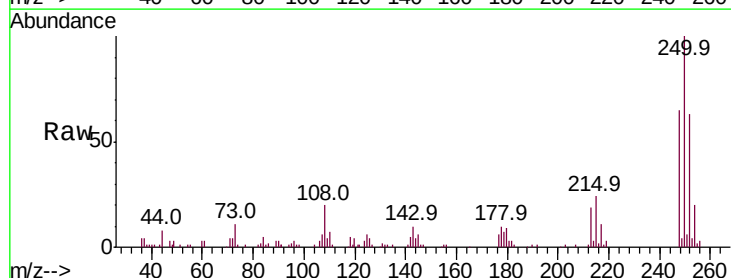


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E



#74
 Pentachlorobenzene
 Concen: 3.980 ng/uL
 RT: 14.65 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BM017036.D
 Acq: 05 Oct 2018 14:17

Tgt Ion:250 Resp: 101767
 Ion Ratio Lower Upper
 250 100
 248 64.8 50.1 75.1
 252 63.3 51.2 76.8



Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

