

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100518\
 Data File : BM017030.D
 Acq On : 05 Oct 2018 10:40
 Operator : MJ/SJ
 Sample : J5250-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 14:36:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 05:34:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	222576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1009576	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	569315	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1208813	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1095310	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1072758	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	24222	5.41	ng/uL	0.00
5) Phenol-d5	6.87	99	143886	7.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	403920	35.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	442385	28.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	275986	18.93	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	274466	37.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	285090	37.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	511163	33.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	33022	1.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1773162	39.26	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2253066	39.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	47193	5.53	ng/ul	0.00
58) Fluorene-d10	15.33	176	1540788	38.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	210650	29.55	ng/ul	0.00
71) Anthracene-d10	17.19	188	2282500	39.53	ng/ul	0.00
79) Pyrene-d10	19.48	212	2279543	46.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	2221499	40.45	ng/ul	0.00

Target Compounds

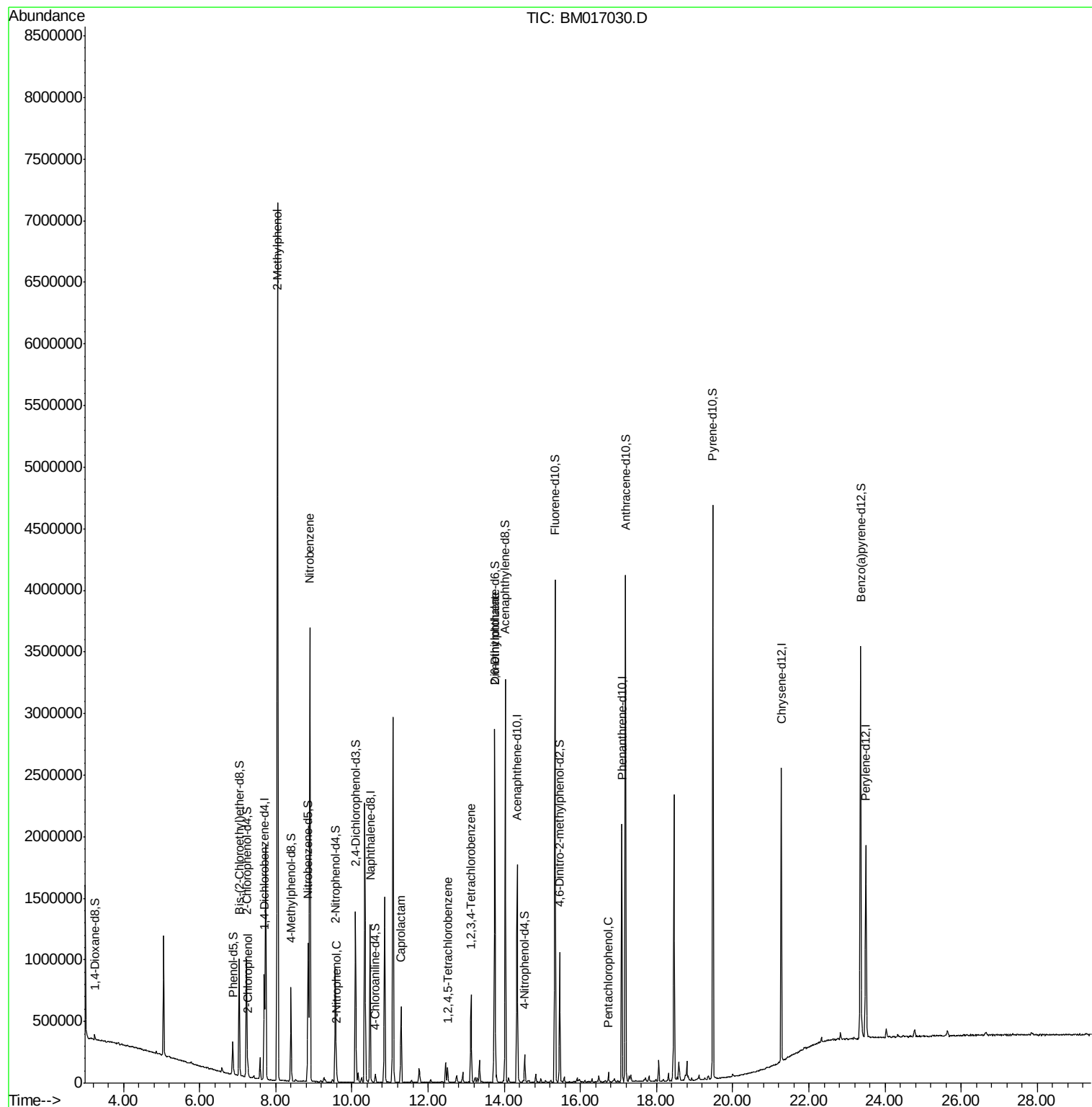
					Ovalue
10) 2-Chlorophenol	7.26	128	55855	3.626	ng/ul 100
11) 2-Methylphenol	8.05	108	21215	1.514	ng/ul 94
20) Nitrobenzene	8.90	77	1918332	109.988	ng/ul 97
23) 2-Nitrophenol	9.60	139	24863	2.931	ng/ul 95
32) Caprolactam	11.29	113	45465	9.940	ng/ul# 1
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	36625	1.873	ng/ul 93
46) 2,6-Dinitrotoluene	13.76	165	11578	1.538	ng/ul# 43
69) Pentachlorophenol	16.73	266	13883	1.502	ng/ul 95
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	218406	11.321	ng/uL 98

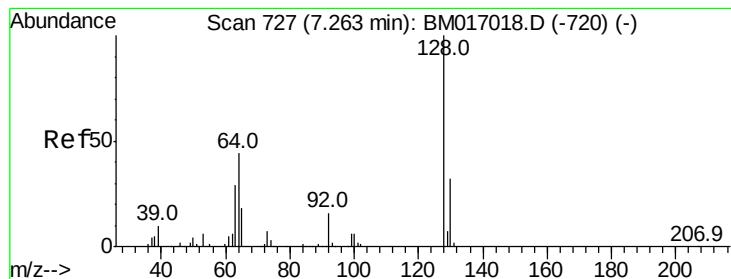
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 05:34:09 2018
Response via : Initial Calibration





#10

2-Chlorophenol

Concen: 3.626 ng/ul

RT: 7.26 min Scan# 727

Delta R.T. 0.00 min

Lab File: BM017030.D

Acq: 05 Oct 2018 10:40

Instrument :

BNA_M

ClientSampled :

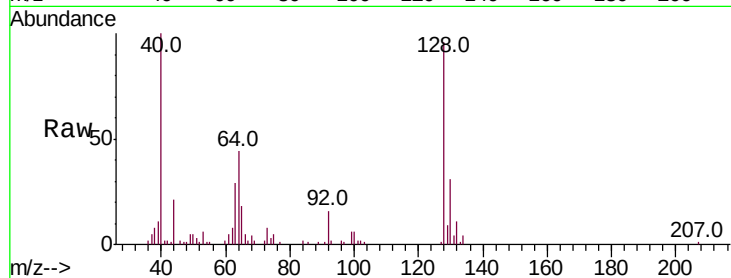
Tot Ion:128 Resp: 55855

Ion Ratio Lower Upper

128 100

64 46.2 37.2 55.8

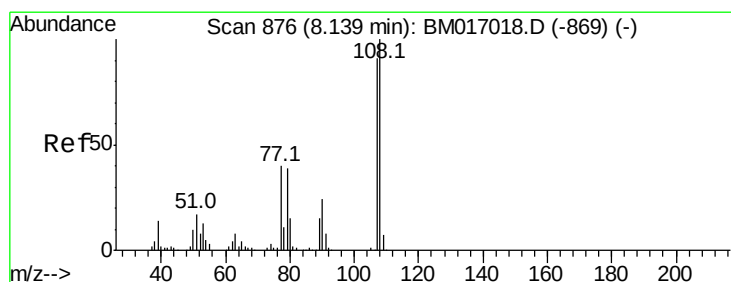
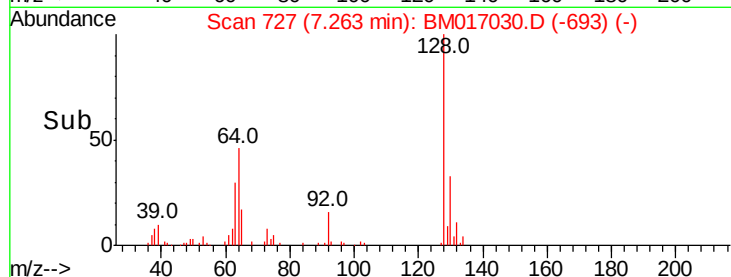
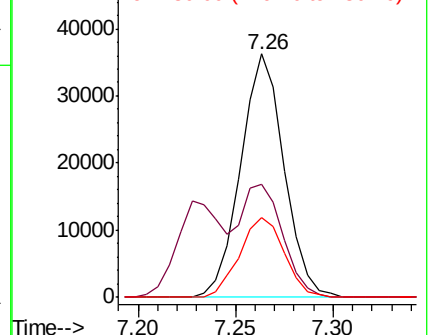
130 32.8 26.1 39.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 1.514 ng/ul

RT: 8.05 min Scan# 860

Delta R.T. -0.09 min

Lab File: BM017030.D

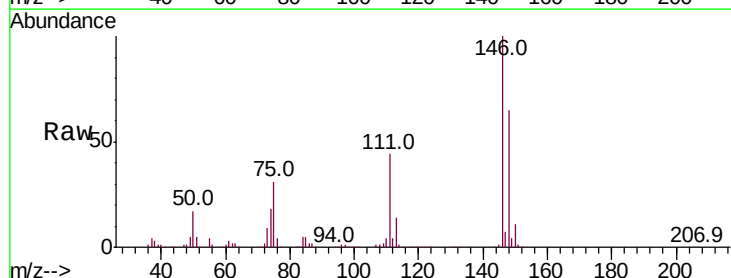
Acq: 05 Oct 2018 10:40

Tgt Ion:108 Resp: 21215

Ion Ratio Lower Upper

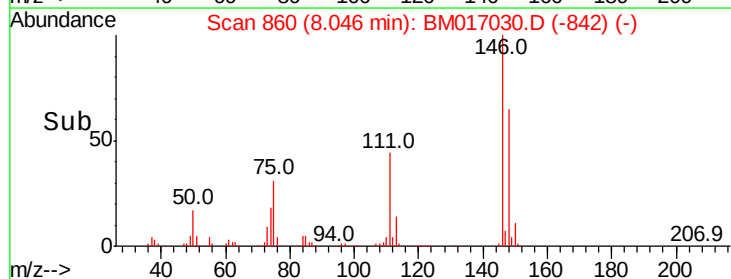
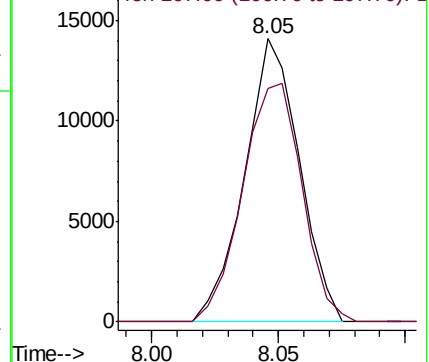
108 100

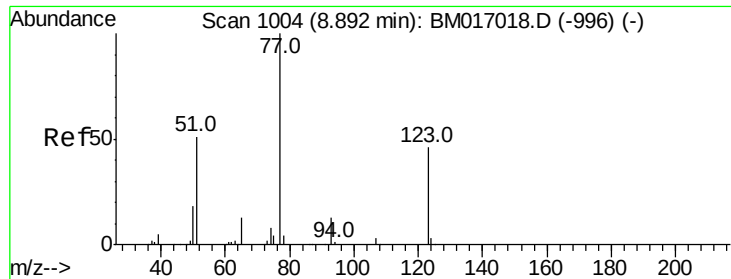
107 82.7 70.3 105.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

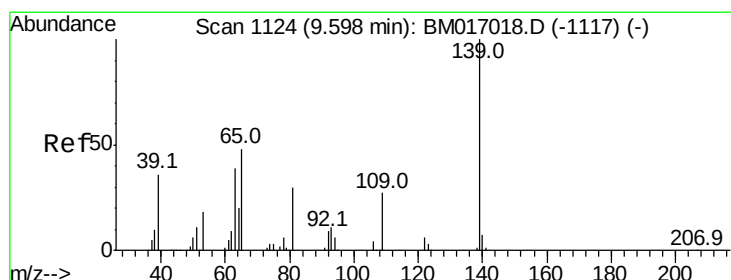
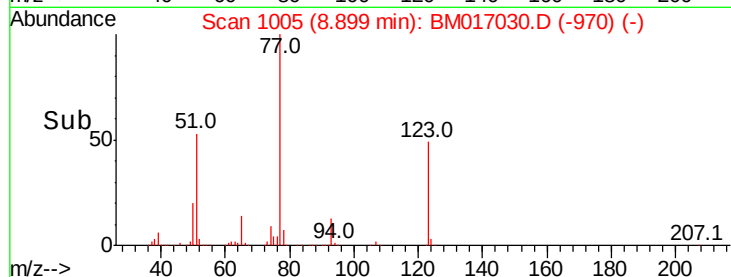
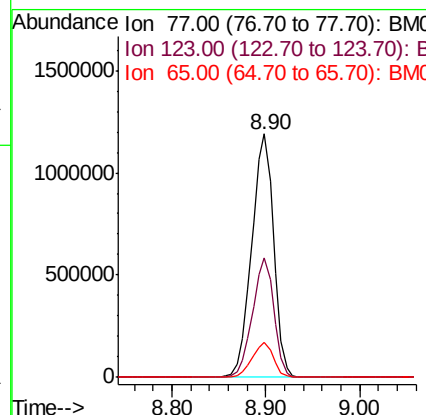
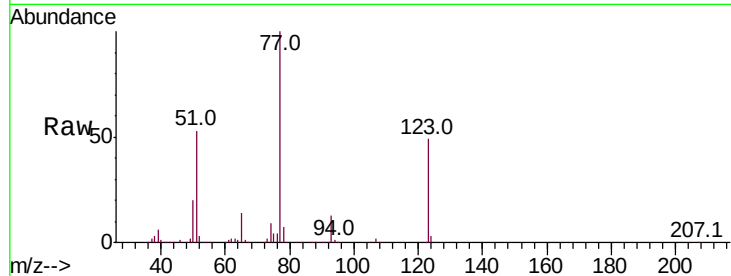




#20
 Nitrobenzene
 Concen: 109.988 ng/ul
 RT: 8.90 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BM017030.D
 Acq: 05 Oct 2018 10:40

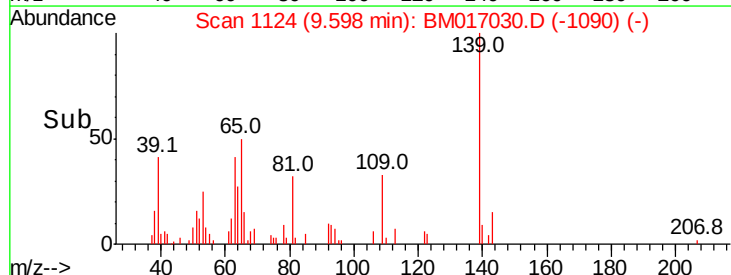
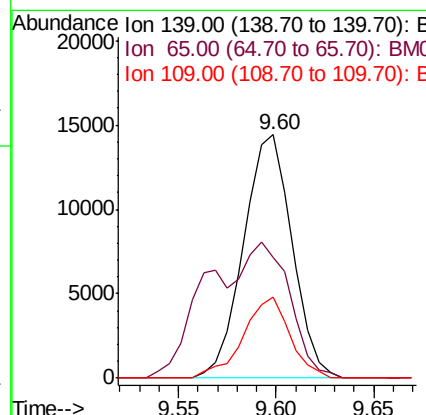
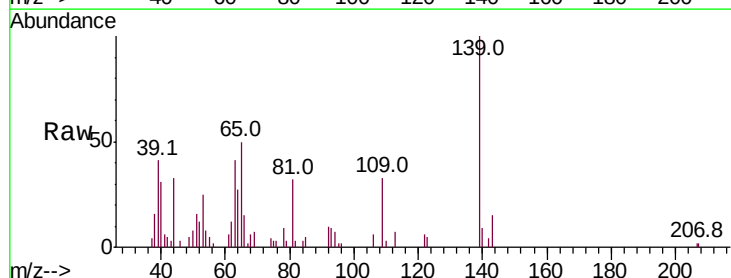
Instrument :
 BNA_M
 ClientSampleId :

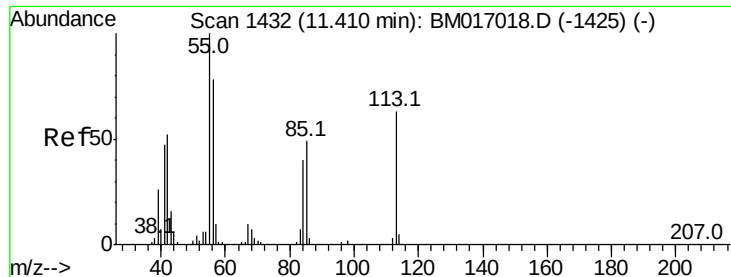
Tot Ion: 77 Resp: 1918332
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.6 56.4
 65 14.3 10.1 15.1



#23
 2-Nitrophenol
 Concen: 2.931 ng/ul
 RT: 9.60 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BM017030.D
 Acq: 05 Oct 2018 10:40

Tgt Ion: 139 Resp: 24863
 Ion Ratio Lower Upper
 139 100
 65 49.8 38.2 57.2
 109 33.2 22.7 34.1





#32

Caprolactam

Concen: 9.940 ng/ul

RT: 11.29 min Scan# 1412

Delta R.T. -0.12 min

Lab File: BM017030.D

Acq: 05 Oct 2018 10:40

Instrument :

BNA_M

ClientSampleId :

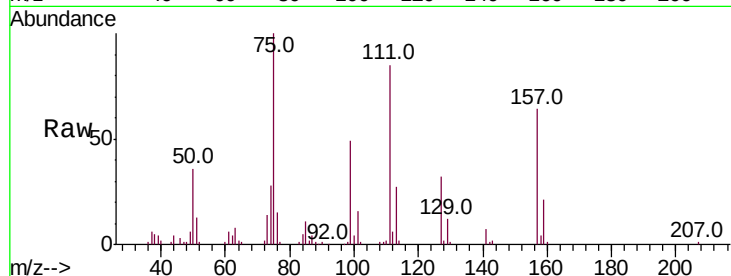
Tot Ion:113 Resp: 45465

Ion Ratio Lower Upper

113 100

55 0.0 133.3 199.9#

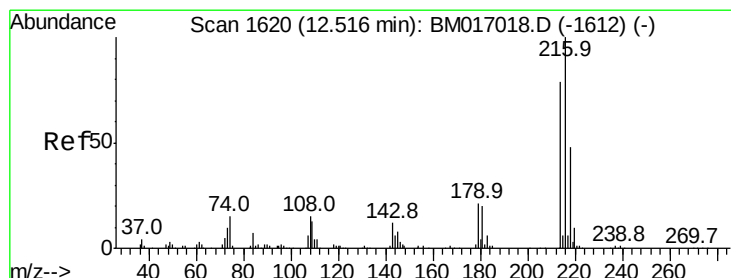
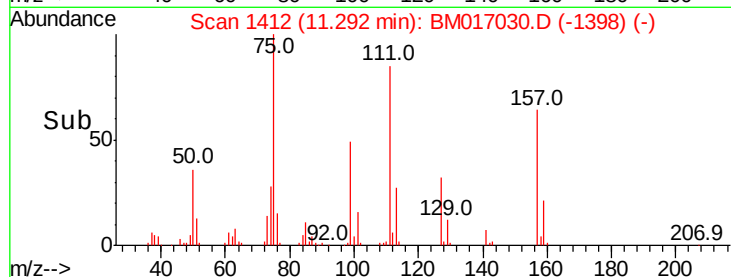
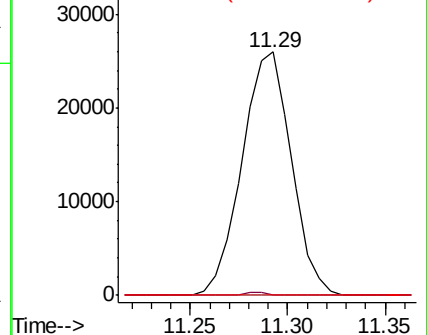
56 0.0 98.9 148.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 1.873 ng/ul

RT: 12.51 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BM017030.D

Acq: 05 Oct 2018 10:40

Tgt Ion:216 Resp: 36625

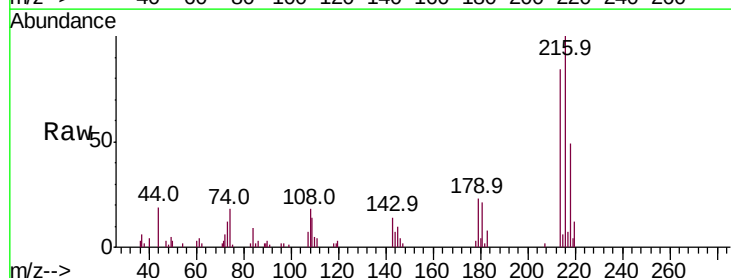
Ion Ratio Lower Upper

216 100

214 83.6 61.0 91.6

179 23.1 16.6 24.8

108 17.7 12.7 19.1

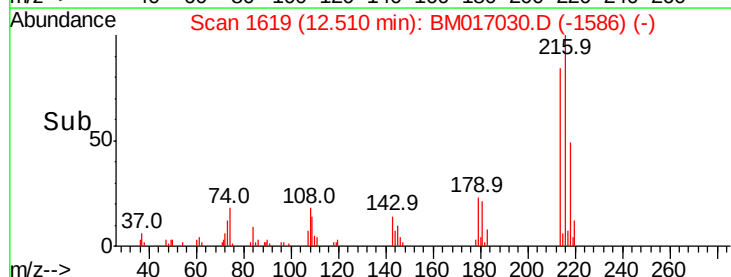
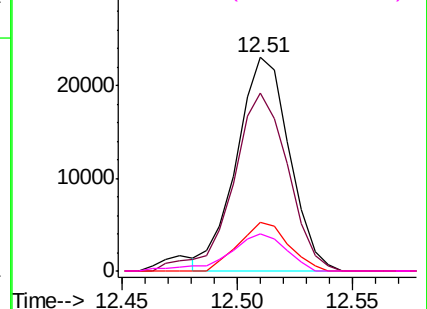


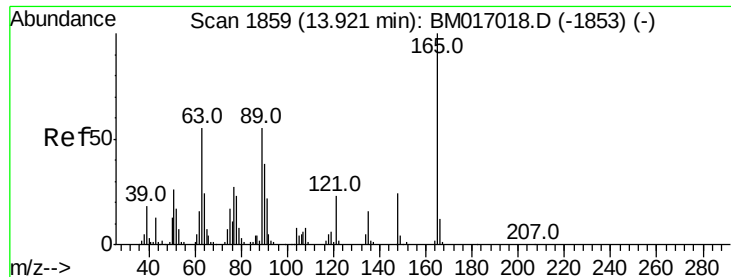
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

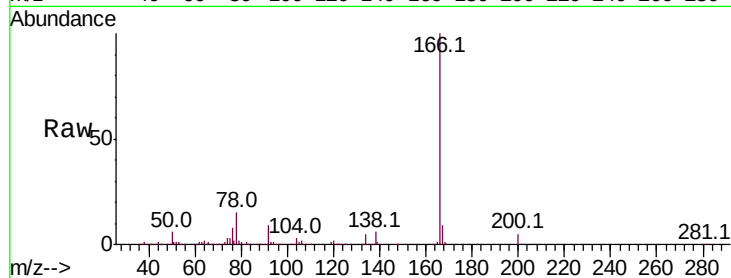




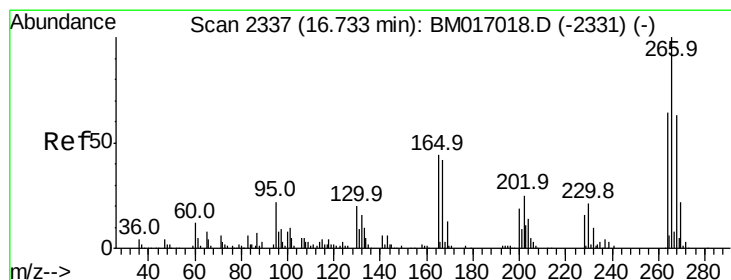
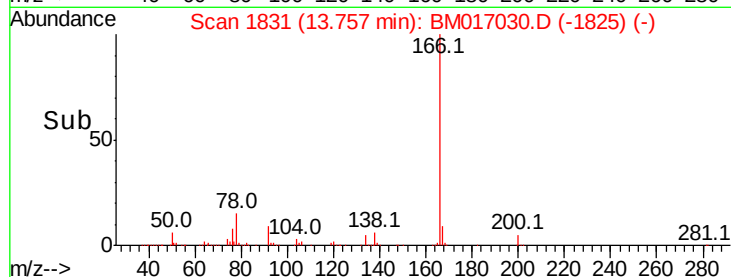
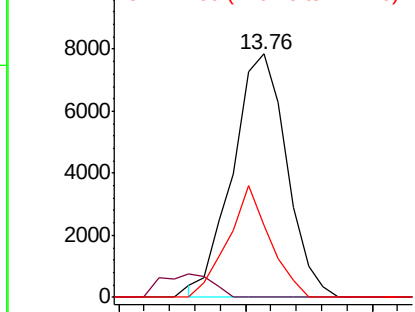
#46
2,6-Dinitrotoluene
Concen: 1.538 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.16 min
Lab File: BM017030.D
Acq: 05 Oct 2018 10:40

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#

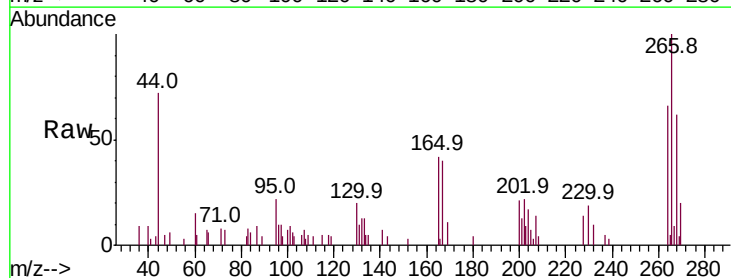


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM
Ion 121.00 (120.70 to 121.70): E

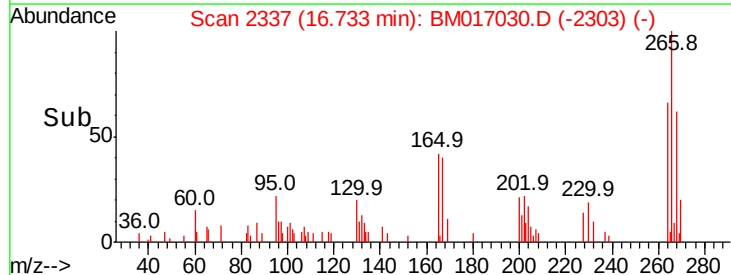
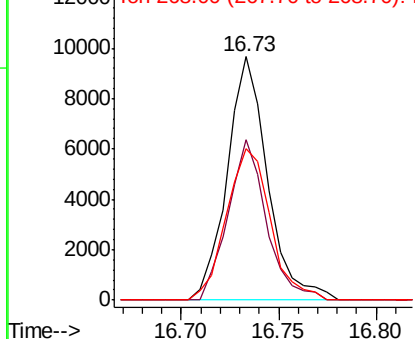


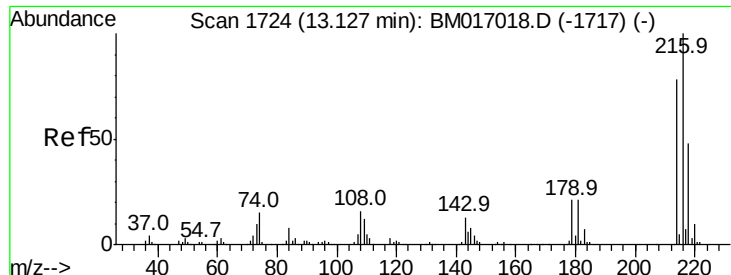
#69
Pentachlorophenol
Concen: 1.502 ng/ul
RT: 16.73 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BM017030.D
Acq: 05 Oct 2018 10:40

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.8	50.4	75.6
268	62.4	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: 11.321 ng/uL

RT: 13.13 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BM017030.D

Acq: 05 Oct 2018 10:40

Instrument :

BNA_M

ClientSampleId :

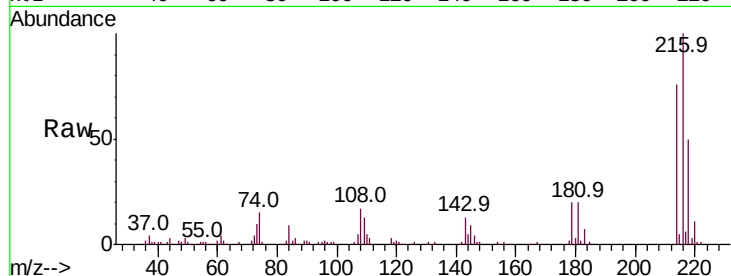
Tot Ion:216 Resp: 218406

Ion Ratio Lower Upper

216 100

214 75.8 61.6 92.4

218 49.9 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

