

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061118\
 Data File : BM015608.D
 Acq On : 11 Jun 2018 17:27
 Operator : SJ/JU
 Sample : J3375-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 03:11:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 12 03:10:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	91960	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	464312	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	290889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.68	188	703920	20.00	ng/ul	0.00
77) Chrysene-d12	21.78	240	801639	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	851800	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	12828	6.78	ng/uL	0.00
5) Phenol-d5	7.49	99	60843	7.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	189823	37.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.86	132	194405	30.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	132989	18.49	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	124754	39.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	142622	42.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	249130	35.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.34	131	230	0.03	ng/ul	0.03
43) Dimethylphthalate-d6	14.36	166	1001762	41.60	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	1104917	42.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	31705	6.82	ng/ul	0.00
57) Fluorene-d10	15.94	176	845815	41.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	272770	64.33	ng/ul	0.00
70) Anthracene-d10	17.78	188	1337064	41.67	ng/ul	0.00
78) Pyrene-d10	20.03	212	1510939	43.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.04	264	1788264	41.88	ng/ul	0.00

Target Compounds

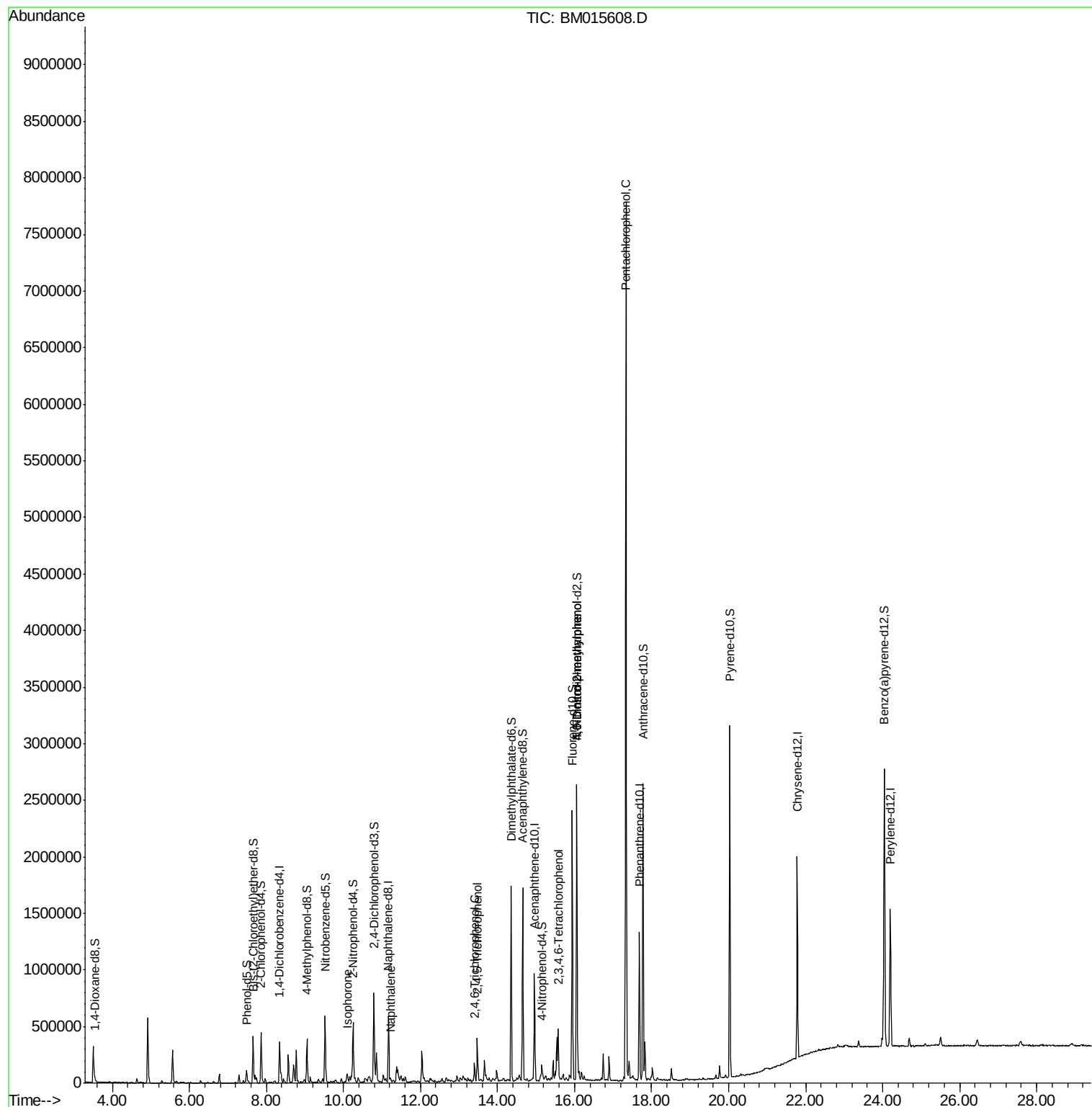
					Ovalue
21) Isophorone	10.09	82	46060	2.857 ng/ul	97
28) Naphthalene	11.22	128	35047	1.508 ng/ul	96
38) 2,4,6-Trichlorophenol	13.40	196	30505	5.545 ng/ul	98
39) 2,4,5-Trichlorophenol	13.48	196	83585	13.779 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.57	232	73081	13.321 ng/ul#	98
63) 4,6-Dinitro-2-methylphenol	16.06	198	384723	84.910 ng/ul#	61
64) N-Nitrosodiphenylamine	16.06	169	25537	1.259 ng/ul#	20
68) Pentachlorophenol	17.33	266	1174827	244.210 ng/ul	100

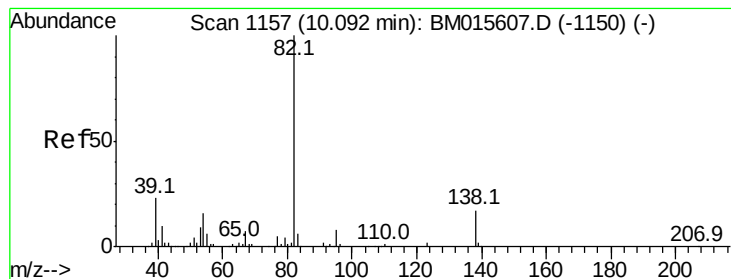
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Isophorone

Concen: 2.857 ng/ul

RT: 10.09 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BM015608.D

Acq: 11 Jun 2018 17:27

Instrument :

BNA_M

ClientSampleId :

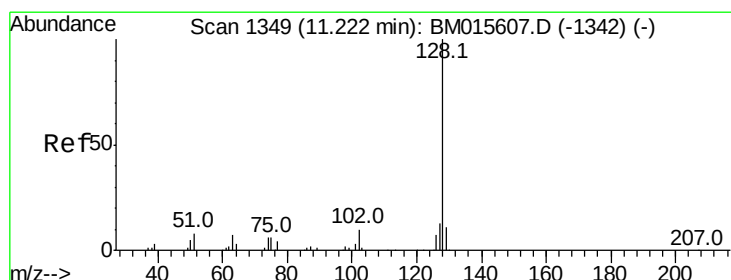
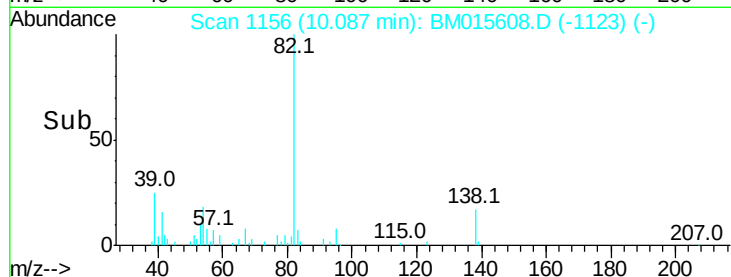
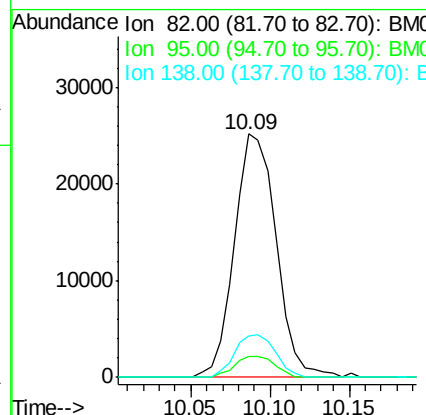
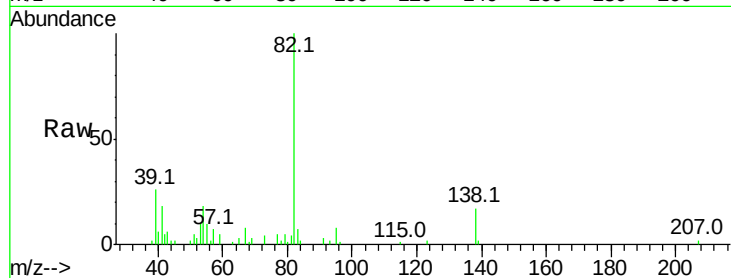
Tot Ion: 82 Resp: 46060

Ion Ratio Lower Upper

82 100

95 8.4 6.4 9.6

138 17.0 14.9 22.3



#28

Naphthalene

Concen: 1.508 ng/ul

RT: 11.22 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BM015608.D

Acq: 11 Jun 2018 17:27

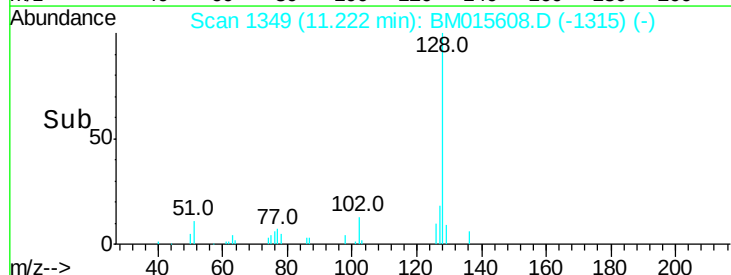
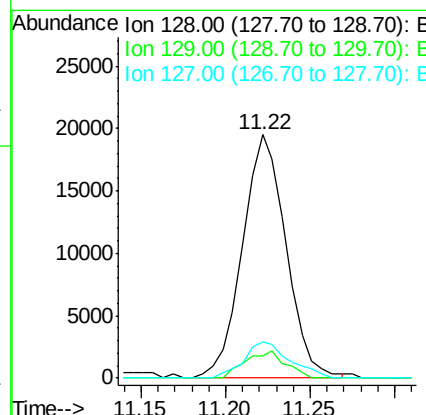
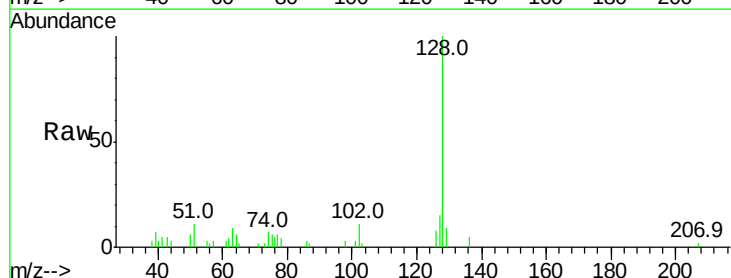
Tgt Ion: 128 Resp: 35047

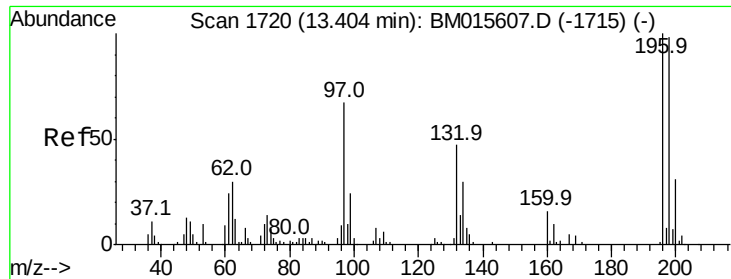
Ion Ratio Lower Upper

128 100

129 9.4 8.8 13.2

127 14.7 10.5 15.7

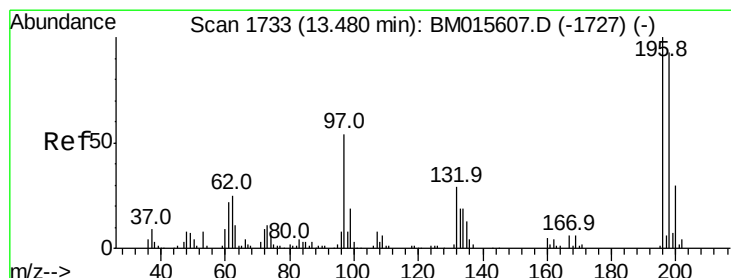
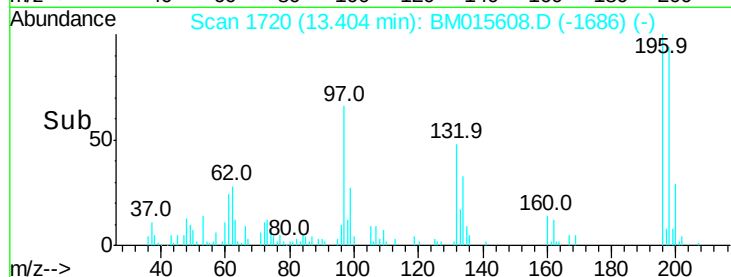
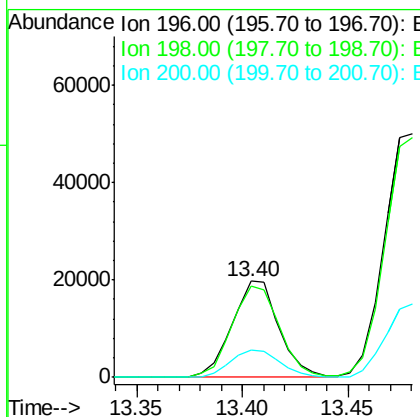
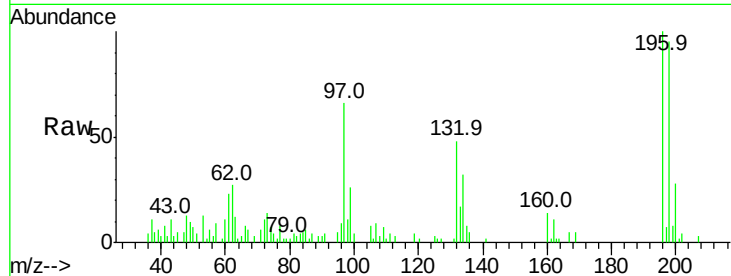




#38
 2,4,6-Trichlorophenol
 Concen: 5.545 ng/ul
 RT: 13.40 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BM015608.D
 Acq: 11 Jun 2018 17:27

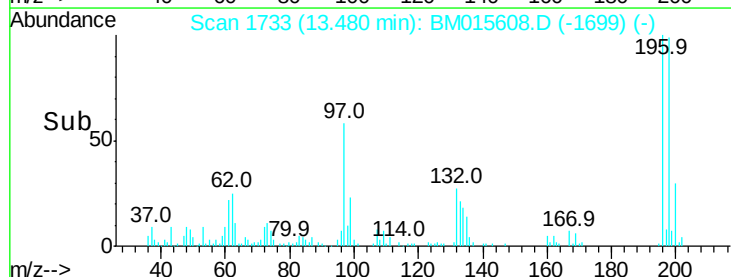
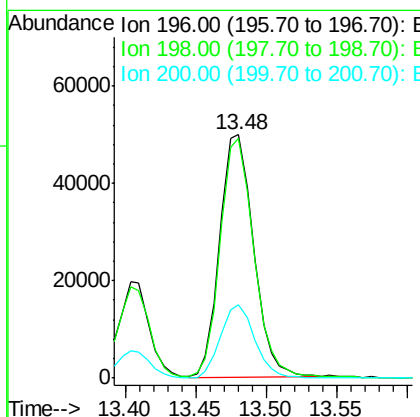
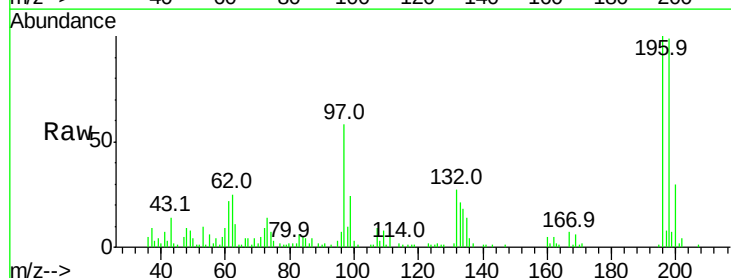
Instrument :
 BNA_M
 ClientSampleId :

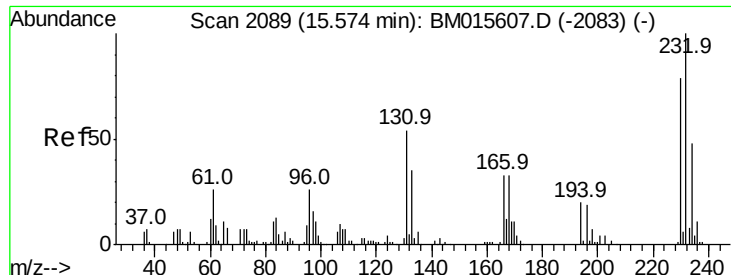
Tot Ion:196 Resp: 30505
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.6 114.8
 200 28.2 24.7 37.1



#39
 2,4,5-Trichlorophenol
 Concen: 13.779 ng/ul
 RT: 13.48 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BM015608.D
 Acq: 11 Jun 2018 17:27

Tgt Ion:196 Resp: 83585
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.9 115.3
 200 30.1 25.0 37.4

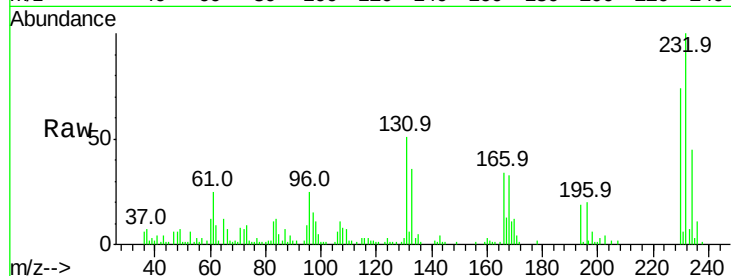




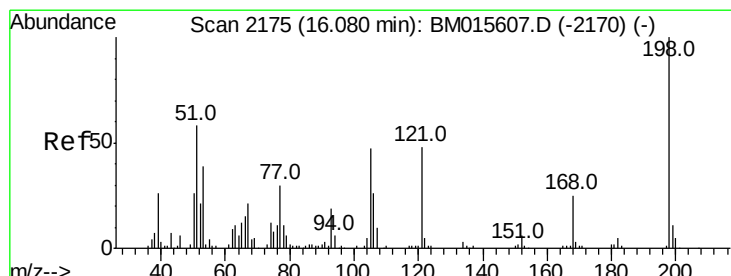
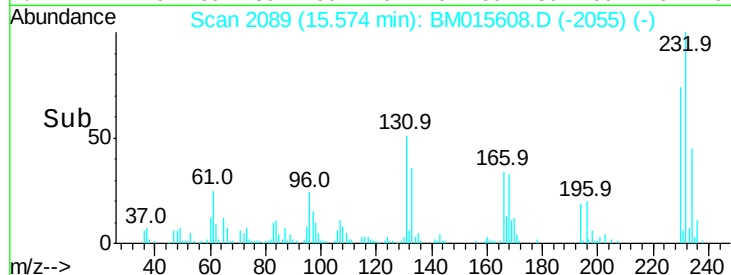
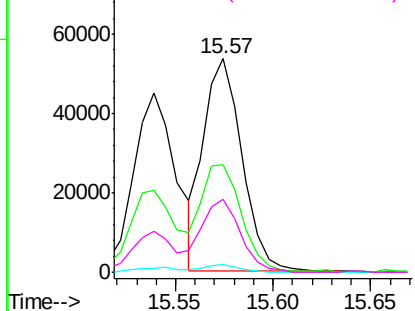
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 13.321 ng/ul
 RT: 15.57 min Scan# 2089
 Delta R.T. 0.00 min
 Lab File: BM015608.D
 Acq: 11 Jun 2018 17:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 73081
 Ion Ratio Lower Upper
 232 100
 131 50.5 39.4 59.2
 130 3.3 2.2 3.2#
 166 34.3 26.6 39.8

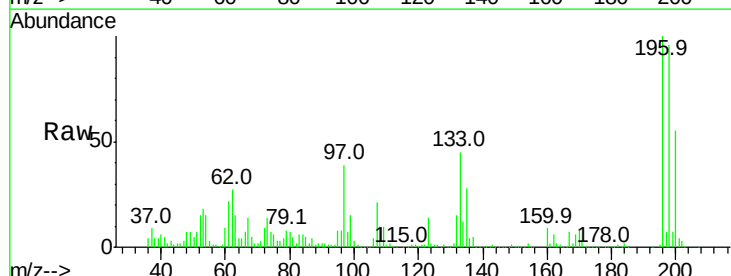


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

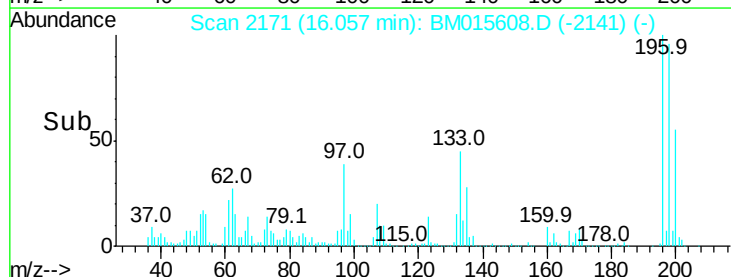
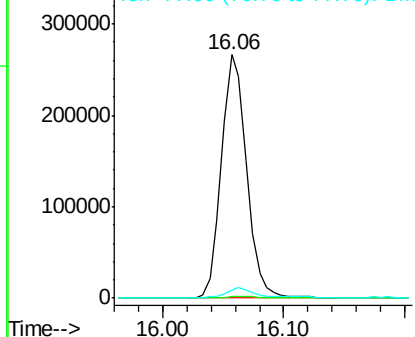


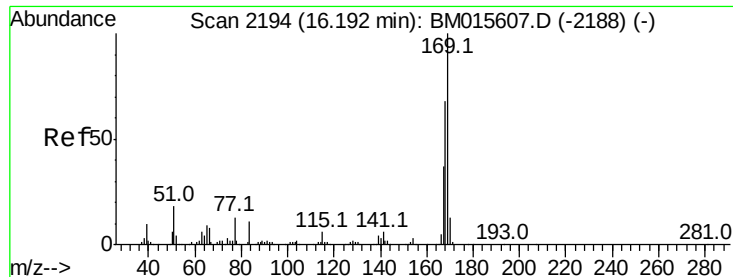
#63
 4,6-Dinitro-2-methylphenol
 Concen: 84.910 ng/ul
 RT: 16.06 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BM015608.D
 Acq: 11 Jun 2018 17:27

Tgt Ion:198 Resp: 384723
 Ion Ratio Lower Upper
 198 100
 182 0.6 3.1 4.7#
 77 3.2 20.1 30.1#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM



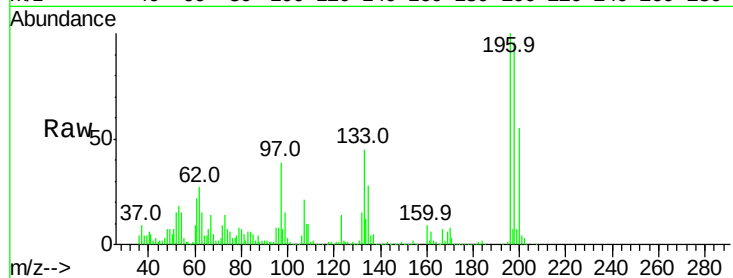


#64

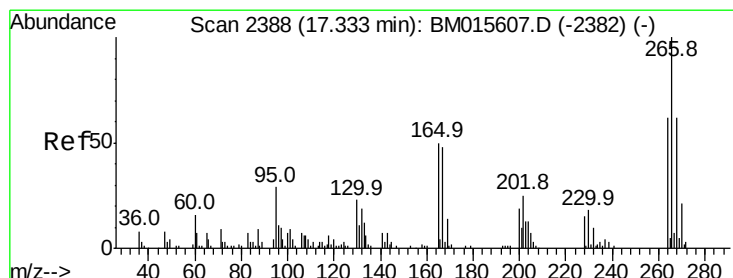
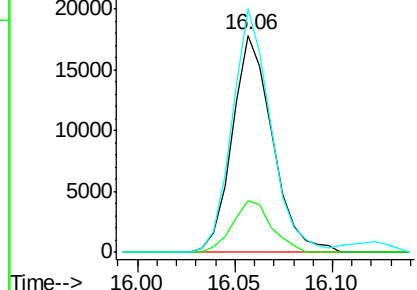
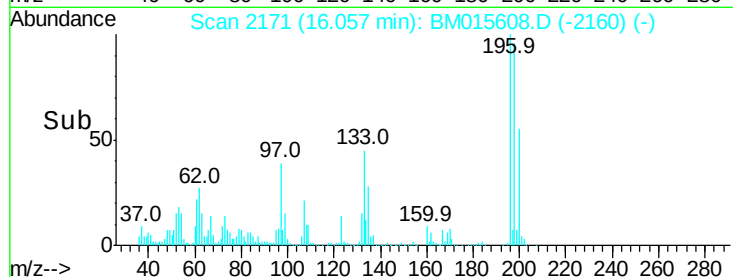
N-Nitrosodiphenylamine
 Concen: 1.259 ng/ul
 RT: 16.06 min Scan# 2171
 Delta R.T. -0.14 min
 Lab File: BM015608.D
 Acq: 11 Jun 2018 17:27

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:169 Resp: 25537
 Ion Ratio Lower Upper
 169 100
 168 23.6 53.8 80.8#
 167 112.3 29.3 43.9#



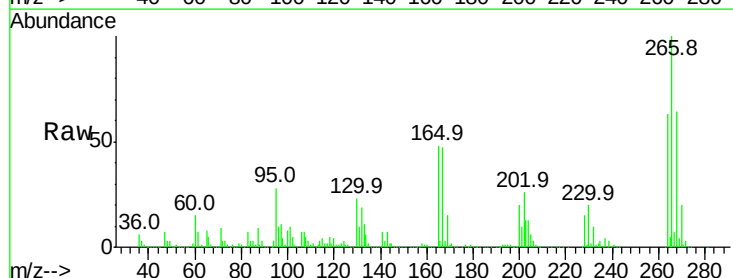
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



#68

Pentachlorophenol
 Concen: 244.210 ng/ul
 RT: 17.33 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BM015608.D
 Acq: 11 Jun 2018 17:27

Tgt Ion:266 Resp: 1174827
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.5 75.7
 268 63.8 50.9 76.3



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

