

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008814.D
 Acq On : 23 Jan 2017 22:43
 Operator : UM/SJ
 Sample : I1316-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDP36

Quant Time: Jan 24 02:52:44 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 02:47:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	51301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	210362	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	161011	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	368197	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	525848	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	475477	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.40	96	2145	2.07	ng/uL	0.00
5) Phenol-d5	7.09	99	44229	10.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	158896	46.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	99099	35.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	73514	21.61	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	60166	44.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	71217	43.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	133972	39.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	322	0.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	516852	48.99	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	587901	47.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	17403	9.86	ng/ul	0.00
57) Fluorene-d10	15.57	176	477523	47.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	105076	47.93	ng/ul	0.00
70) Anthracene-d10	17.42	188	808259	50.20	ng/ul	0.00
76) Pyrene-d10	19.70	212	967811	41.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	968555	48.10	ng/ul	0.00

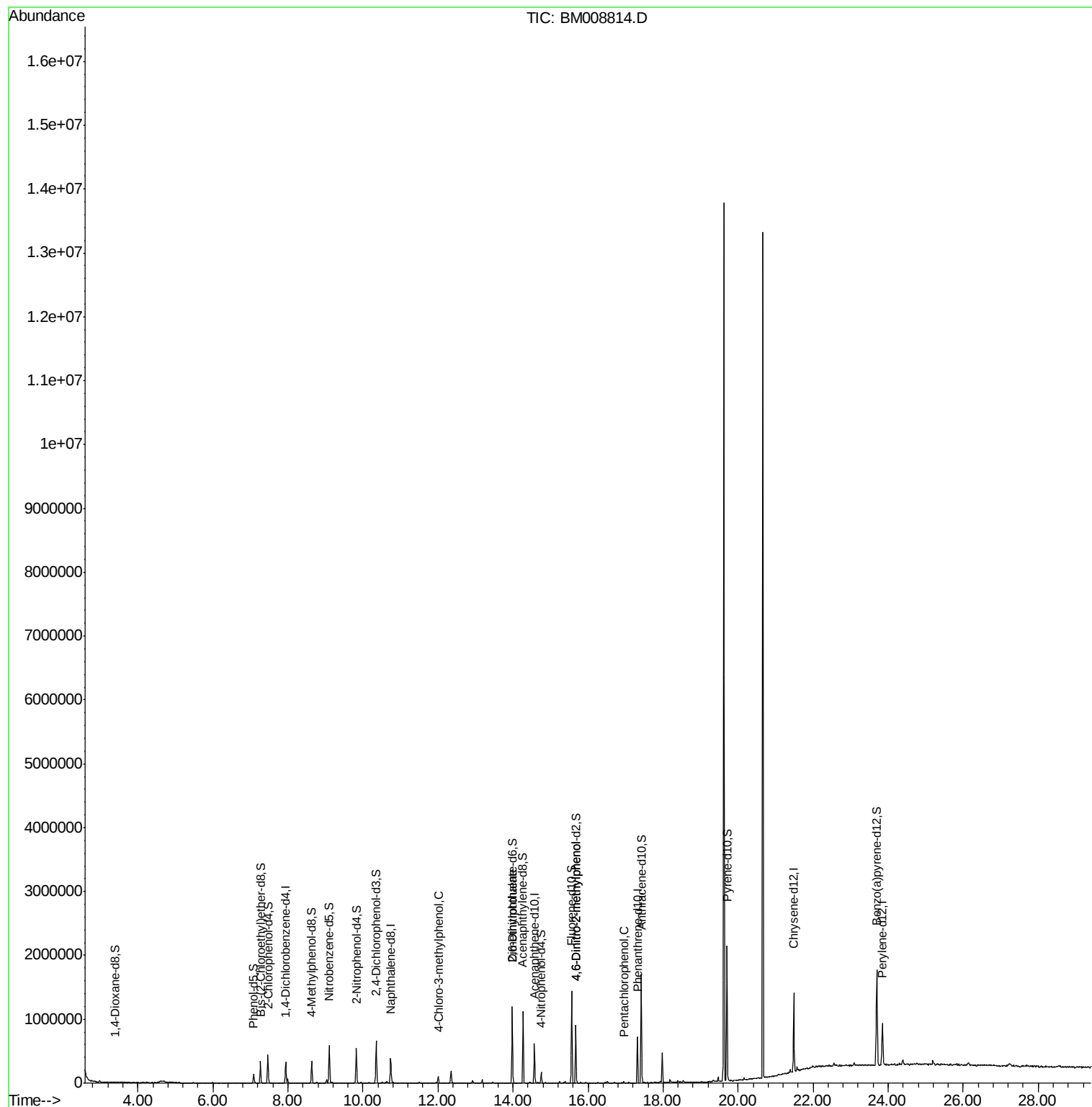
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
33) 4-Chloro-3-methylphenol	12.01	107	22738	5.24	ng/ul#	83
45) 2,6-Dinitrotoluene	13.99	165	3748	1.85	ng/ul#	37
63) 4,6-Dinitro-2-methylphenol	15.68	198	20728	9.14	ng/ul#	68
68) Pentachlorophenol	16.96	266	3419	1.20	ng/ul#	89

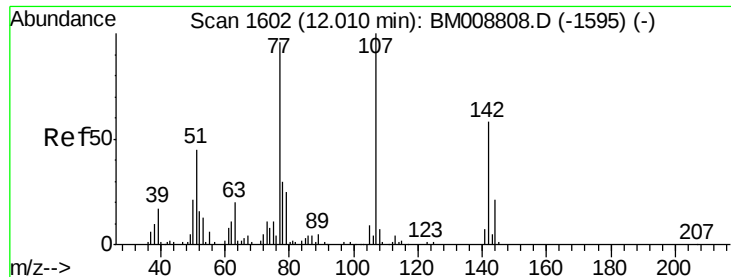
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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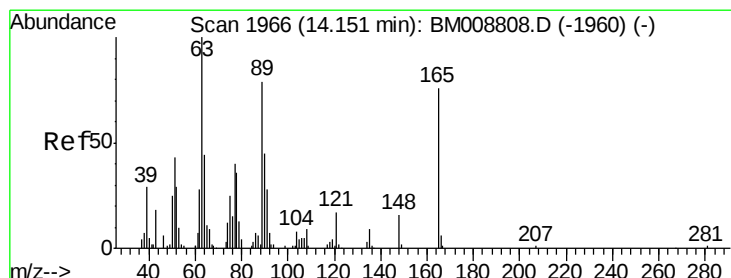
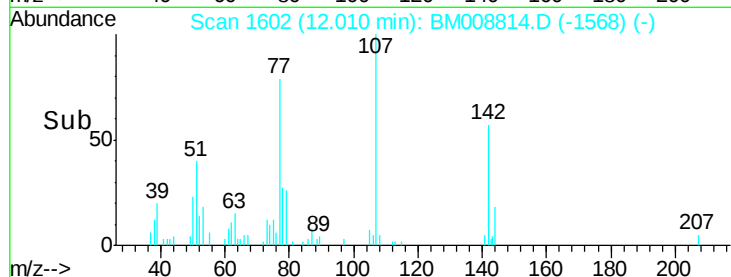
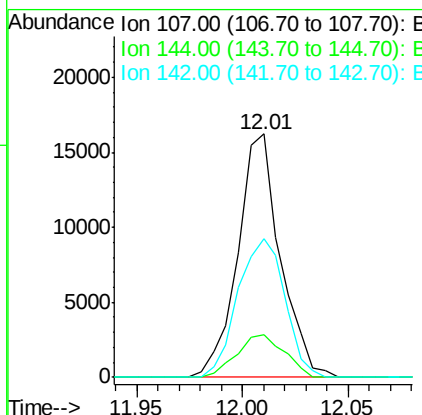
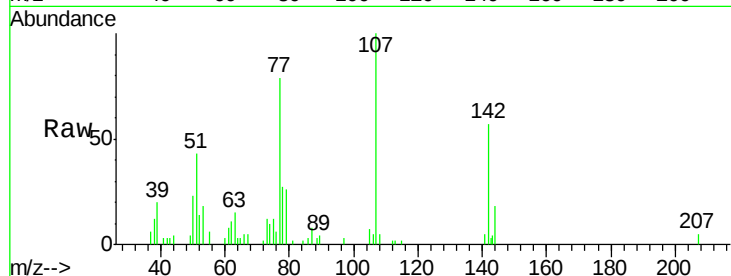




#33
 4-Chloro-3-methylphenol
 Concen: 5.24 ng/ul
 RT: 12.01 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BM008814.D
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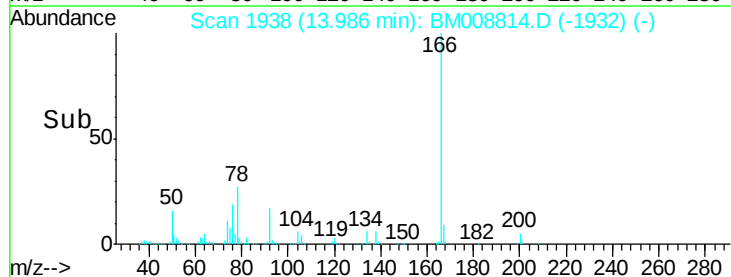
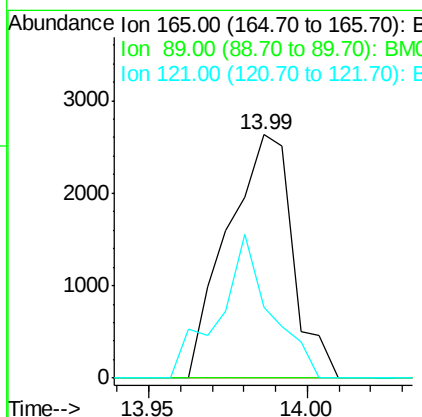
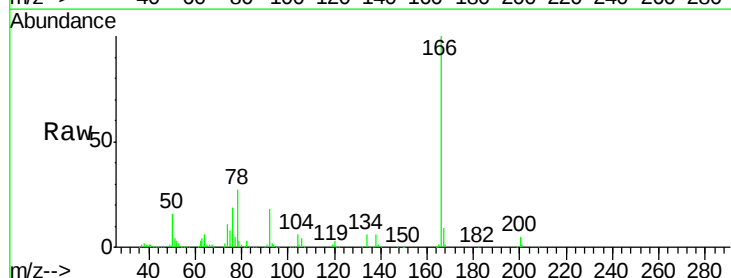
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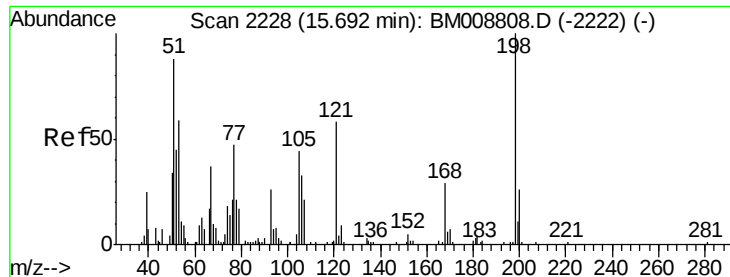
Tgt Ion:107 Resp: 22738
 Ion Ratio Lower Upper
 107 100
 144 17.6 19.4 29.2#
 142 57.1 58.0 87.0#



#45
 2,6-Dinitrotoluene
 Concen: 1.85 ng/ul
 RT: 13.99 min Scan# 1938
 Delta R.T. -0.16 min
 Lab File: BM008814.D
 Acq: 23 Jan 2017 22:43

Tgt Ion:165 Resp: 3748
 Ion Ratio Lower Upper
 165 100
 89 0.0 50.6 76.0#
 121 29.2 18.2 27.2#

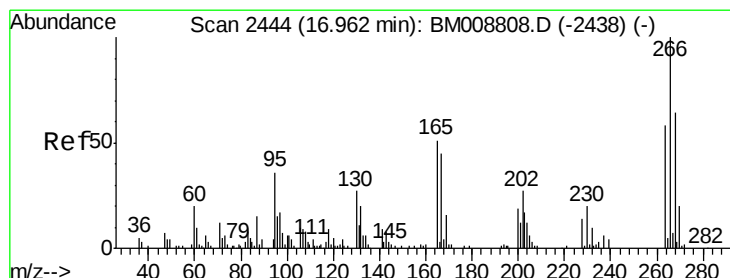
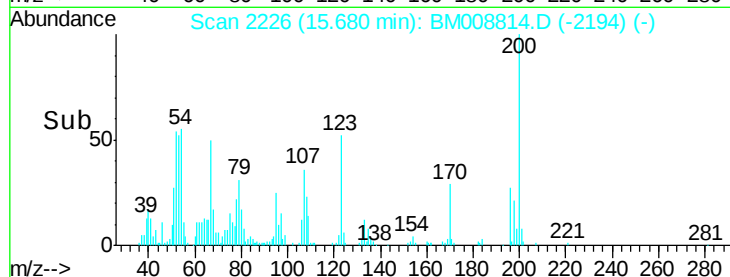
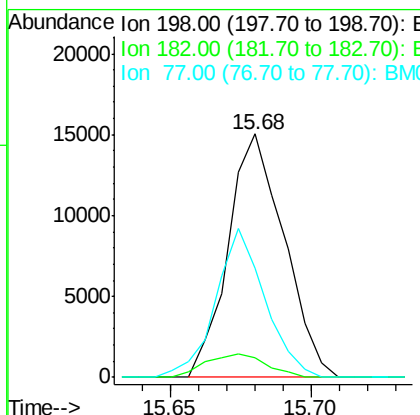
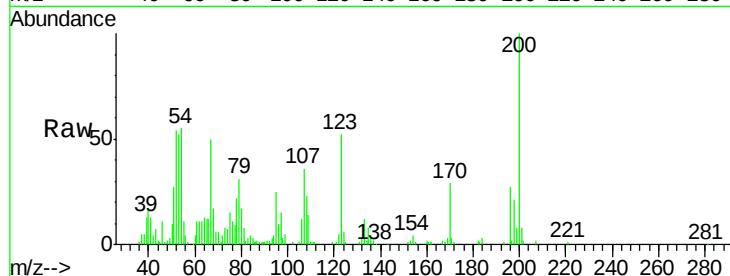




#63
 4,6-Dinitro-2-methylphenol
 Concen: 9.14 ng/ul
 RT: 15.68 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BM008814.D
 Acq: 23 Jan 2017 22:43

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Tgt Ion:198 Resp: 20728
 Ion Ratio Lower Upper
 198 100
 182 8.0 4.4 6.6#
 77 44.7 20.5 30.7#



#68
 Pentachlorophenol
 Concen: 1.20 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BM008814.D
 Acq: 23 Jan 2017 22:43

Tgt Ion:266 Resp: 3419
 Ion Ratio Lower Upper
 266 100
 264 49.7 50.6 75.8#
 268 64.4 49.1 73.7

