

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032017\
 Data File : BM009300.D
 Acq On : 20 Mar 2017 18:10
 Operator : SJ/MA
 Sample : I2303-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BH3

Quant Time: Mar 20 18:49:05 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 13:19:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	92833	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	456788	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	299824	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	791495	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1247153	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1313824	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.34	96	12211	5.79	ng/uL	0.00
5) Phenol-d5	7.03	99	58244	5.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	209612	32.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	160796	26.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	115255	14.39	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	111263	34.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	120560	33.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	208801	27.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	12597	1.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	850531	37.35	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1012527	38.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	24155	5.34	ng/ul	0.00
57) Fluorene-d10	15.51	176	793432	39.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	139834	29.53	ng/ul	0.00
70) Anthracene-d10	17.36	188	1431125	38.20	ng/ul	0.00
78) Pyrene-d10	19.65	212	1803395	35.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	2189416	36.43	ng/ul	0.00

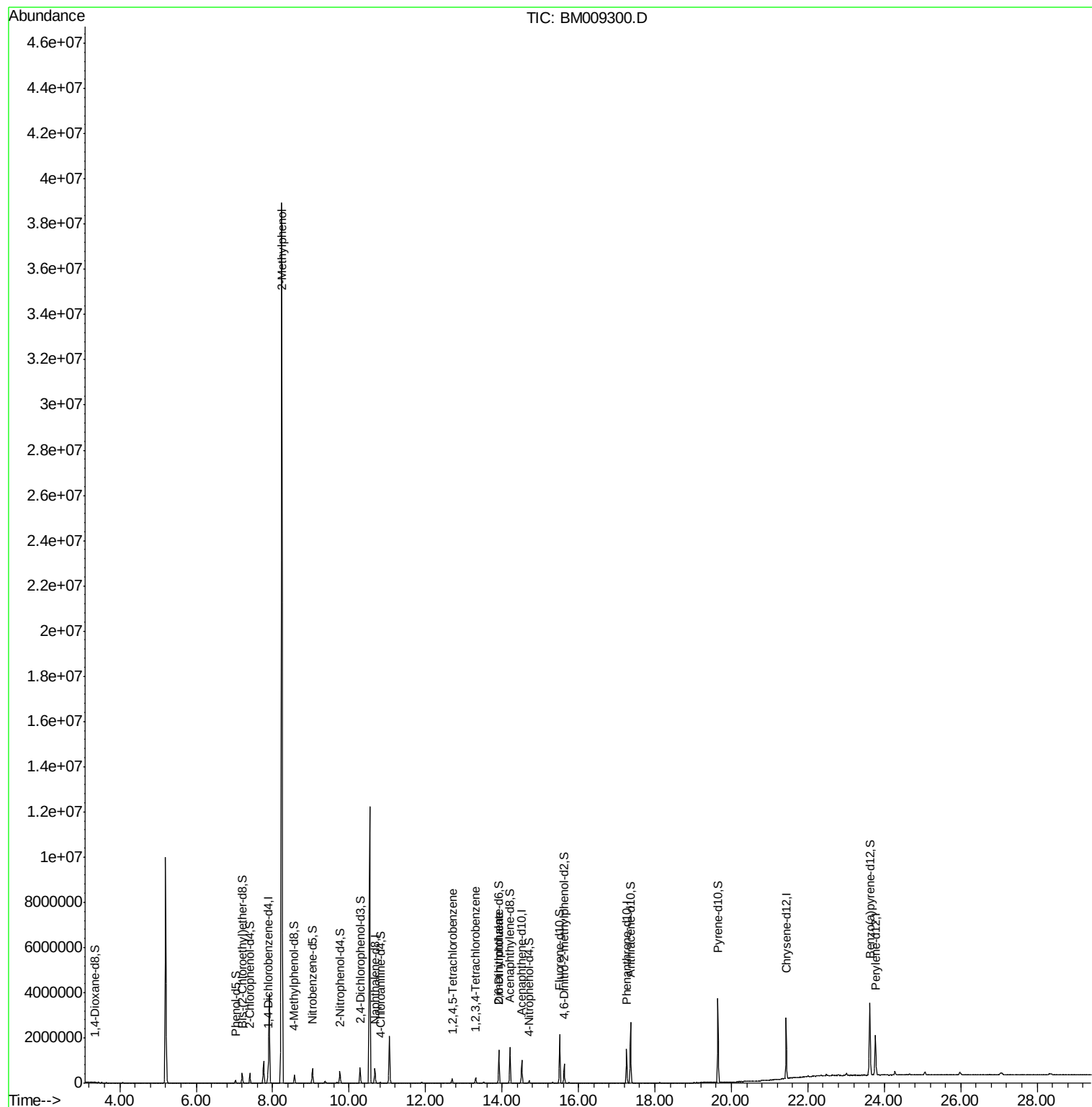
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) 2-Methylphenol	8.24	108	140376	18.07	ng/ul	91
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	58088	6.44	ng/ul	94
45) 2,6-Dinitrotoluene	13.92	165	5102	1.16	ng/ul#	34
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	74216	7.98	ng/uL	91

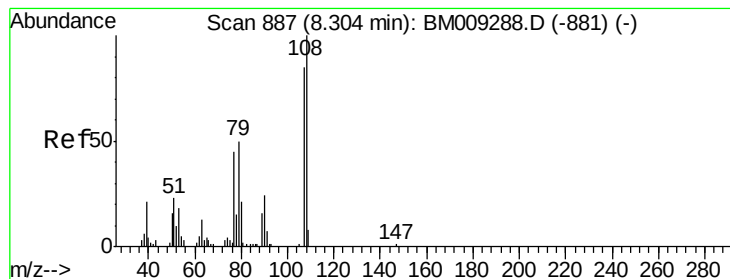
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 18.07 ng/ul

RT: 8.24 min Scan# 876

Delta R.T. -0.06 min

Lab File: BM009300.D

Acq: 20 Mar 2017 18:10

Instrument :

BNA_M

ClientSampled :

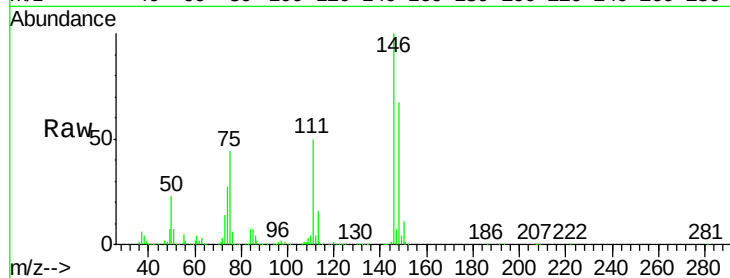
C0BH3

Tgt Ion:108 Resp: 140376

Ion Ratio Lower Upper

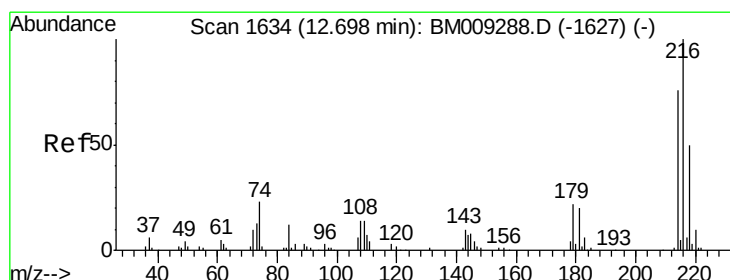
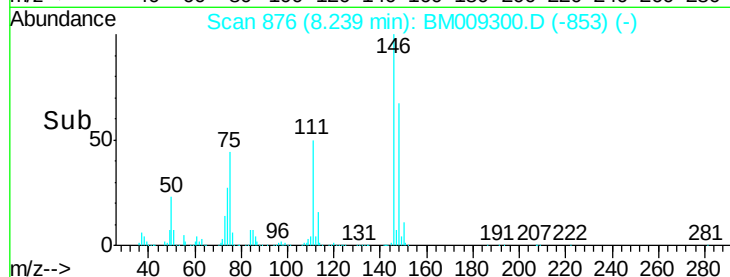
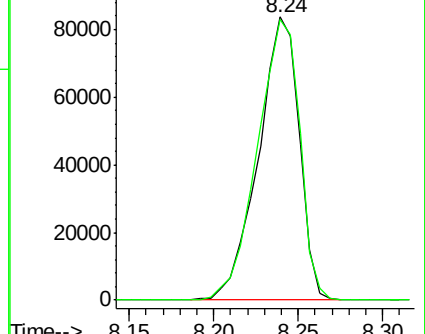
108 100

107 99.1 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 6.44 ng/ul

RT: 12.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BM009300.D

Acq: 20 Mar 2017 18:10

Tgt Ion:216 Resp: 58088

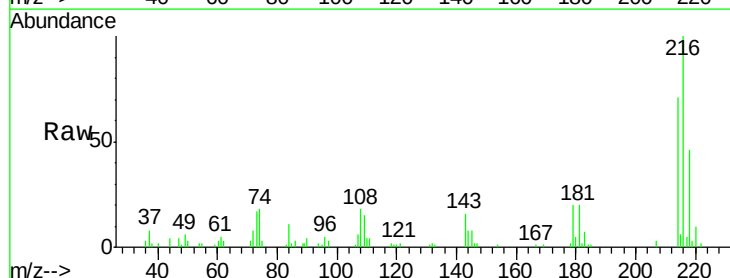
Ion Ratio Lower Upper

216 100

214 71.3 62.5 93.7

179 19.7 18.2 27.2

108 18.0 14.2 21.2

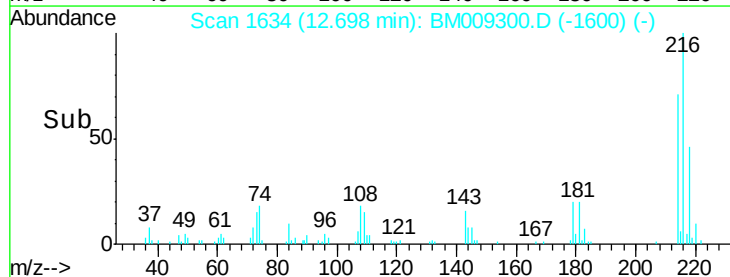
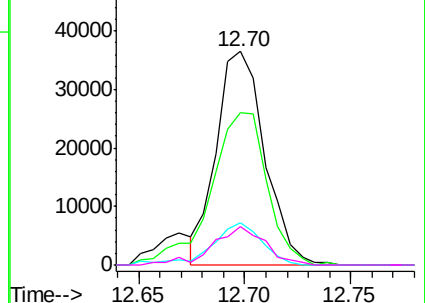


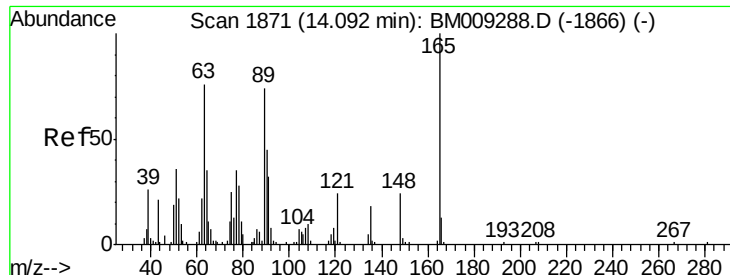
Abundance Ion 216.00 (215.70 to 216.70): E

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

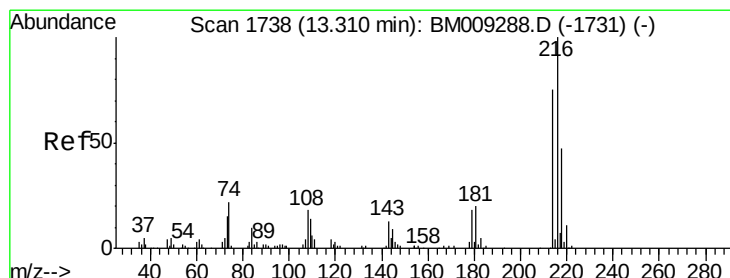
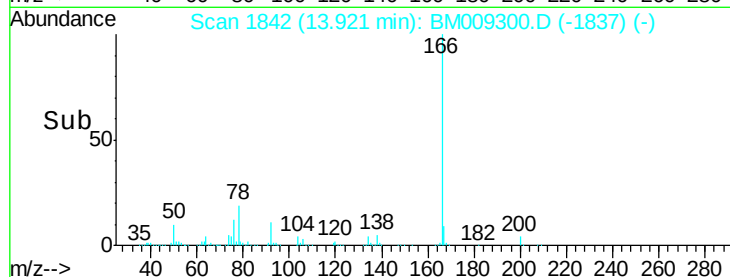
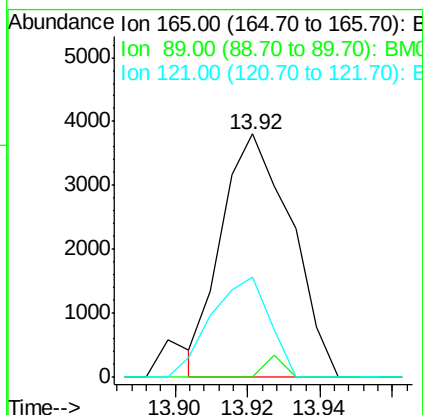
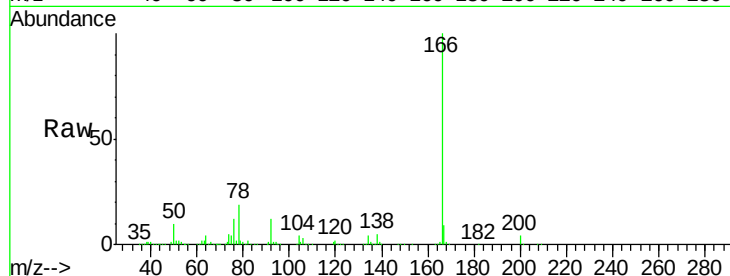




#45
 2,6-Dinitrotoluene
 Concen: 1.16 ng/ul
 RT: 13.92 min Scan# 1842
 Delta R.T. -0.17 min
 Lab File: BM009300.D
 Acq: 20 Mar 2017 18:10

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 BNA_M
 ClientSampleId :
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Tgt Ion:165 Resp: 5102
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 41.1 16.6 24.8#



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 7.98 ng/uL
 RT: 13.31 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BM009300.D
 Acq: 20 Mar 2017 18:10

Tgt Ion:216 Resp: 74216
 Ion Ratio Lower Upper
 216 100
 214 65.6 62.5 93.7
 218 48.1 38.4 57.6

