

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009248.D
 Acq On : 14 Mar 2017 10:34
 Operator : SJ/MA
 Sample : I2181-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BH4

Quant Time: Mar 14 12:05:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 14 04:57:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	119980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	530723	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	381936	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1054234	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1588866	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1608423	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.35	96	15046	5.52	ng/uL	0.00
5) Phenol-d5	7.03	99	65042	5.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	258891	30.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	183761	23.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	136776	13.21	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	130489	34.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	142558	33.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	261010	29.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	15780	1.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1175570	40.53	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	1324229	39.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	33681	5.85	ng/ul	0.00
57) Fluorene-d10	15.51	176	1066577	41.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	201765	31.99	ng/ul	0.00
70) Anthracene-d10	17.36	188	1857920	37.24	ng/ul	0.00
78) Pyrene-d10	19.66	212	2361291	36.82	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2712016	36.86	ng/ul	0.00

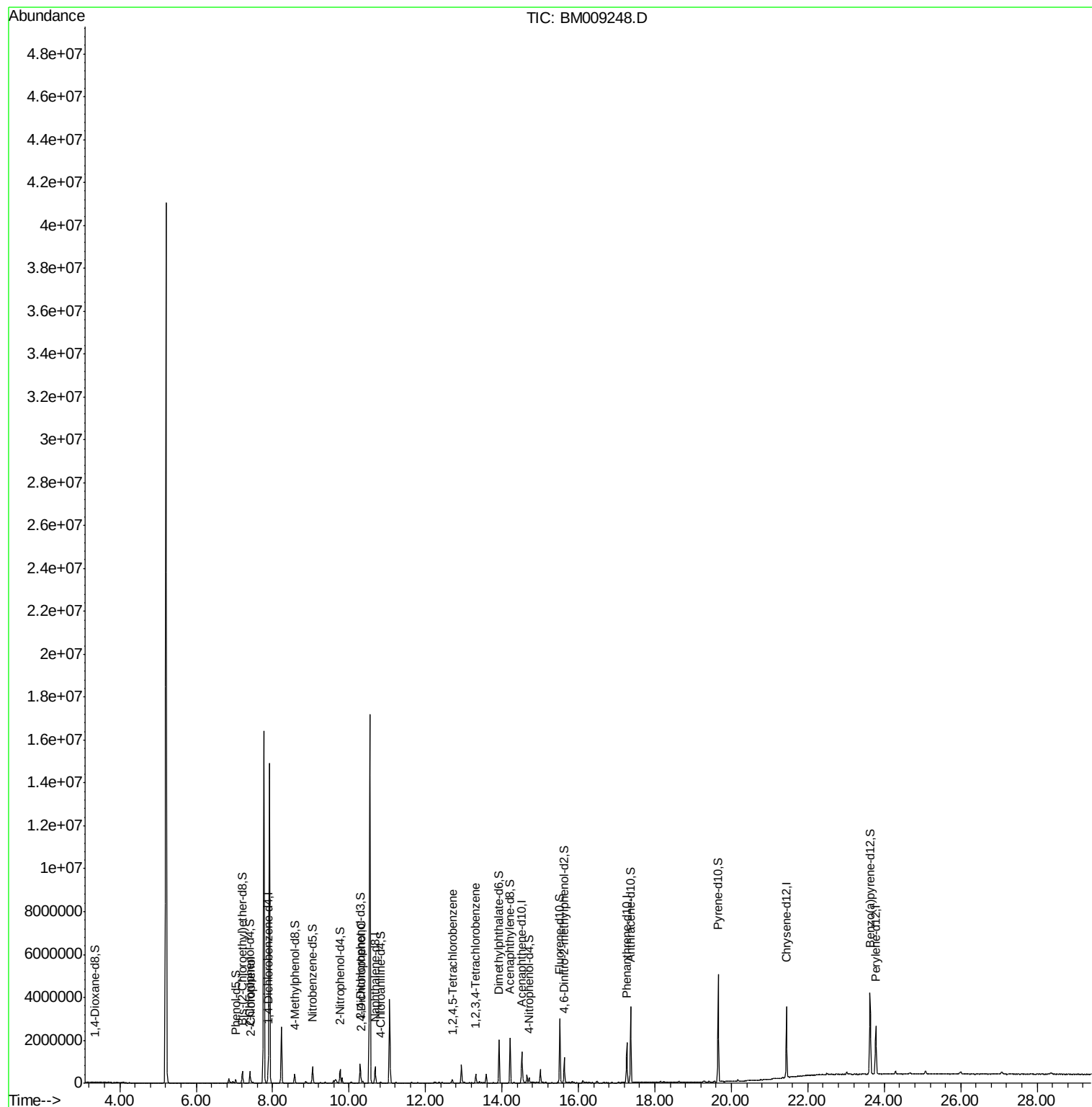
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 2-Chlorophenol	7.44	128	22504	2.75	ng/ul#	74
27) 2,4-Dichlorophenol	10.32	162	32555	3.66	ng/ul#	85
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	44647	3.89	ng/ul#	94
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	117263	9.47	ng/uL	99

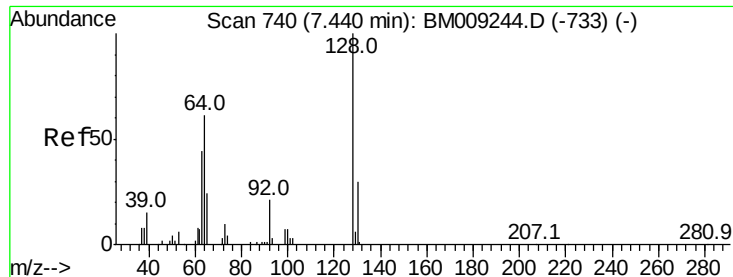
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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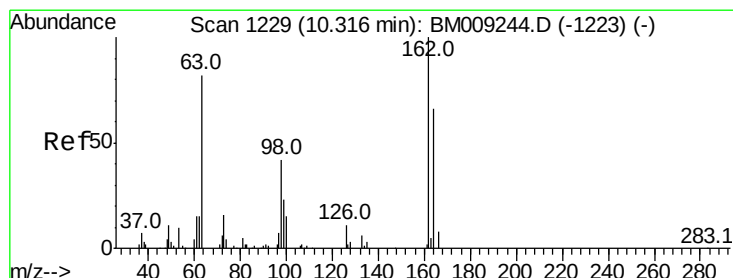
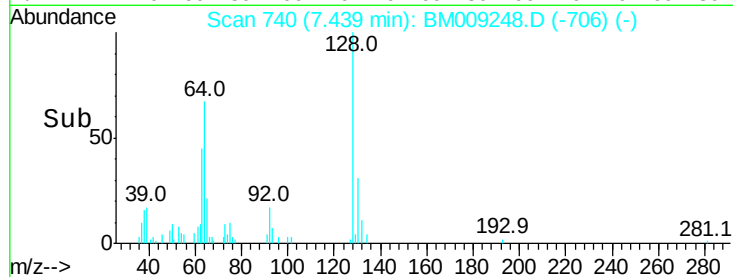
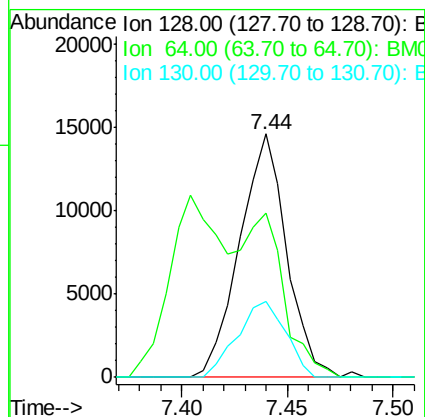
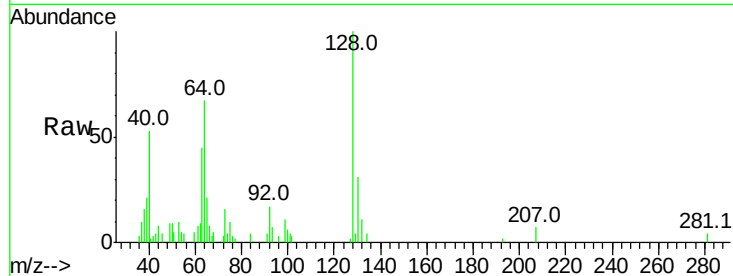




#10
2-Chlorophenol
Concen: 2.75 na/ul
RT: 7.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM009248.D
Acq: 14 Mar 2017 10:34

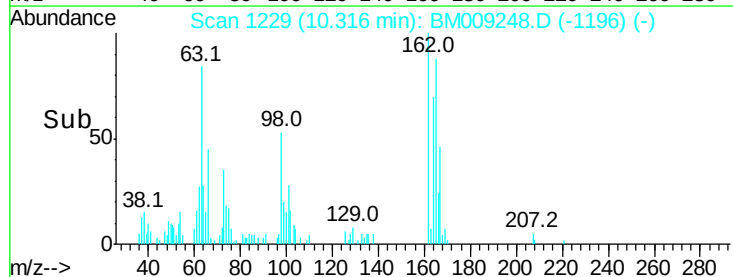
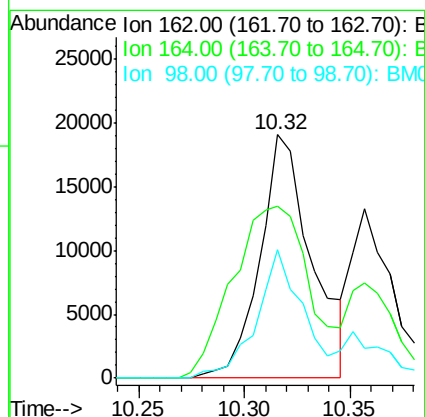
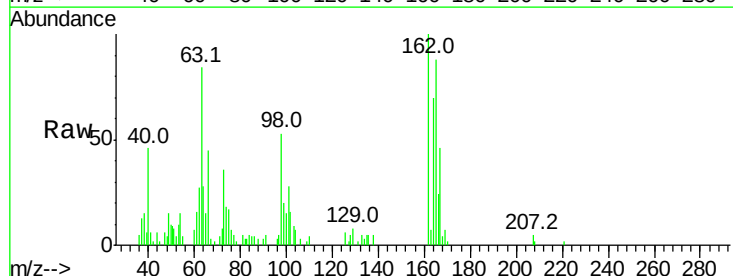
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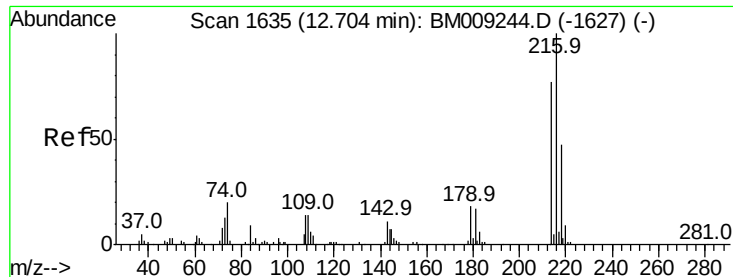
Tot Ion:128 Resp: 22504
Ion Ratio Lower Upper
128 100
64 67.5 31.9 47.9#
130 31.0 25.6 38.4



#27
2,4-Dichlorophenol
Concen: 3.66 ng/ul
RT: 10.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM009248.D
Acq: 14 Mar 2017 10:34

Tgt Ion:162 Resp: 32555
Ion Ratio Lower Upper
162 100
164 70.5 52.1 78.1
98 52.8 28.4 42.6#

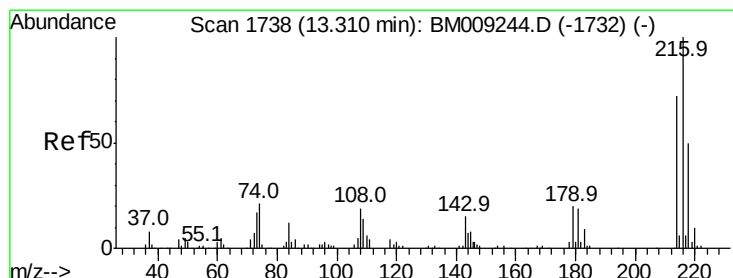
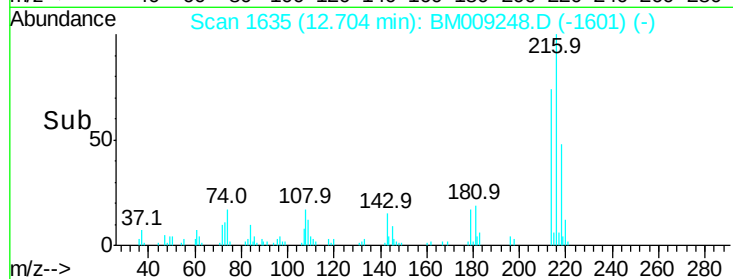
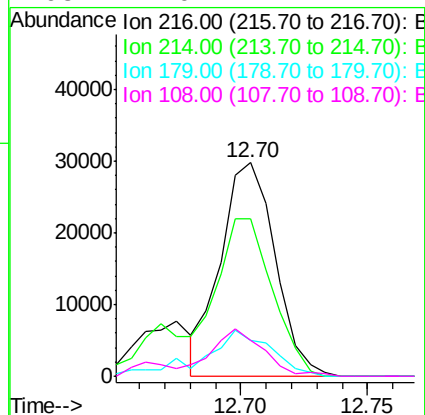
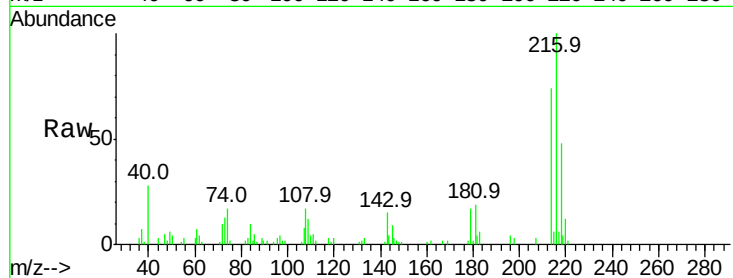




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.89 ng/ul
 RT: 12.70 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BM009248.D
 Acq: 14 Mar 2017 10:34

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Tot Ion	Ratio	Lower	Upper
216	100		
214	73.5	62.5	93.7
179	16.6	18.2	27.2#
108	17.0	14.2	21.2



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 9.47 ng/uL
 RT: 13.31 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BM009248.D
 Acq: 14 Mar 2017 10:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	62.5	93.7
218	48.0	38.4	57.6

