

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011637.D
 Acq On : 20 Sep 2017 14:56
 Operator : SJ/JU
 Sample : I5273-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL9

Quant Time: Sep 21 02:45:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 01:44:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	420848	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1833088	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1085336	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2424278	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2497496	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2250047	20.00	ng/ul	0.00

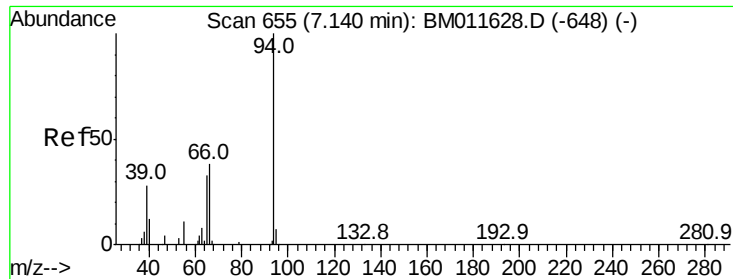
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	39530	4.23	ng/uL	0.00
5) Phenol-d5	7.12	99	256989	6.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	679581	24.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	626170	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	430836	13.66	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	366272	26.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	396615	27.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	699136	24.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	13598	0.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2452059	26.72	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2898638	26.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	84833	4.92	ng/ul	0.00
58) Fluorene-d10	15.59	176	2116497	26.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	332953	23.60	ng/ul	0.00
71) Anthracene-d10	17.43	188	3433620	28.76	ng/ul	0.00
79) Pyrene-d10	19.72	212	3832240	32.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3134903	29.23	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.14	94	392662	9.789	ng/ul 95
10) 2-Chlorophenol	7.53	128	482778	16.250	ng/ul# 90
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	171454	5.325	ng/ul# 97
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	318434	9.857	ng/uL 96

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



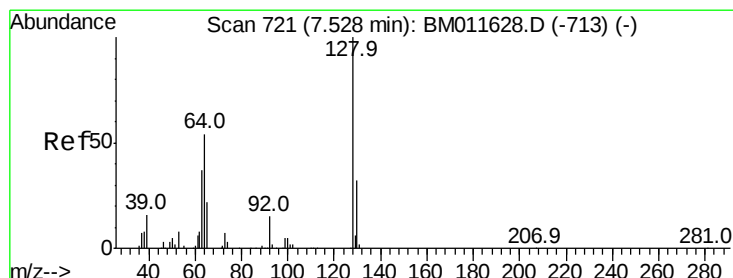
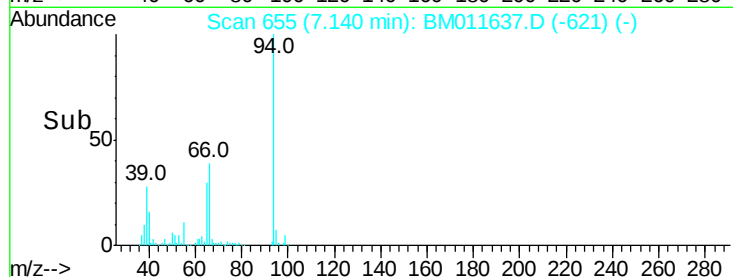
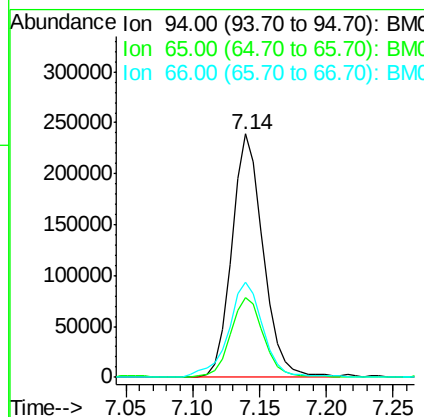
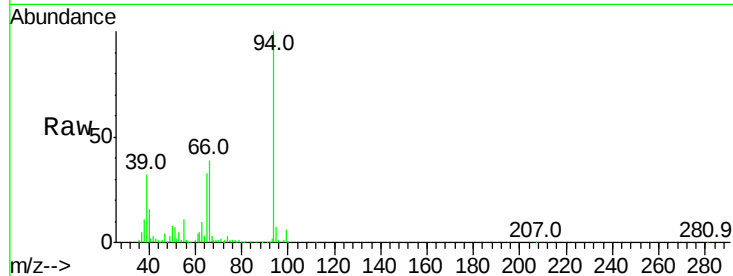
#6

Phenol

Concen: 9.789 ng/ul
 RT: 7.14 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BM011637.D
 Acq: 20 Sep 2017 14:56

Instrument :
 BNA_M
 ClientSampleId :
 C0AL9

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.0	23.0	34.6
66	39.3	30.4	45.6

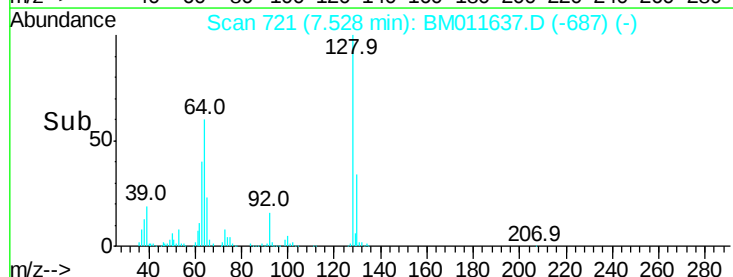
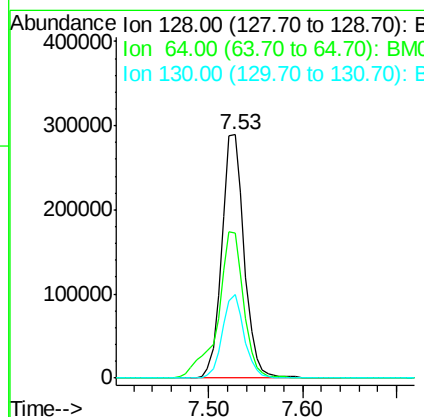
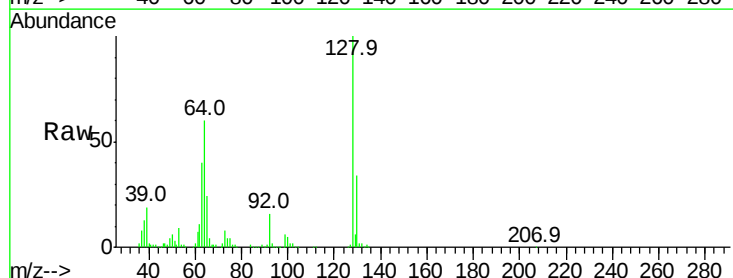


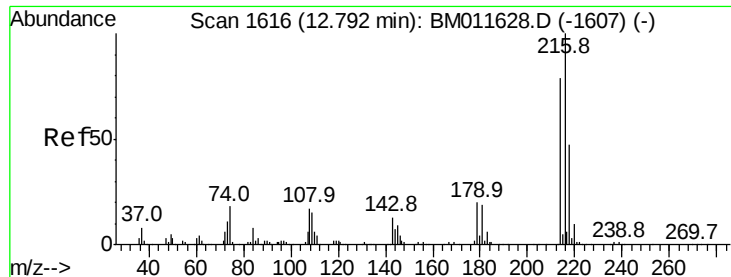
#10

2-Chlorophenol

Concen: 16.250 ng/ul
 RT: 7.53 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BM011637.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
64	59.7	39.8	59.6#
130	34.2	25.8	38.8

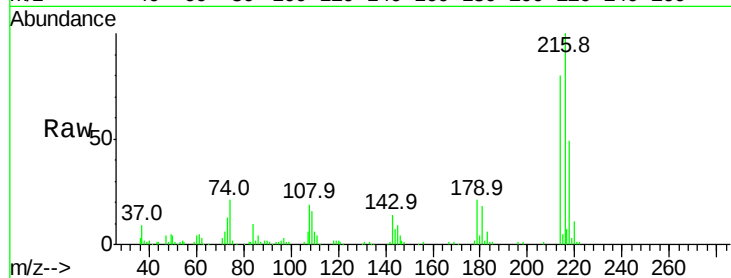




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.325 ng/ul
 RT: 12.79 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BM011637.D
 Acq: 20 Sep 2017 14:56

Instrument :
 BNA_M
 ClientSampleId :
 C0AL9

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.4	64.1	96.1
179	21.0	14.5	21.7
108	18.7	10.4	15.6

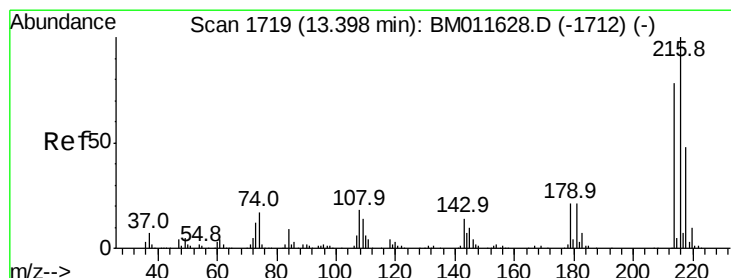
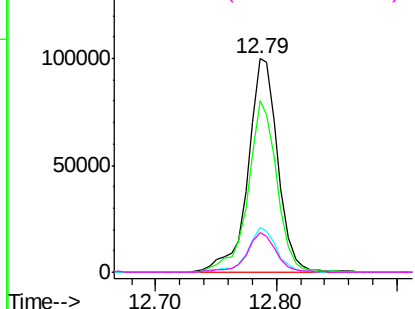
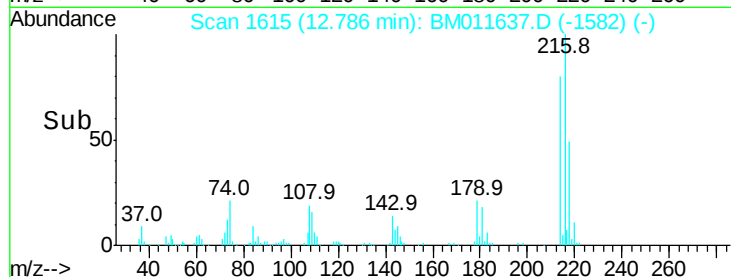


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

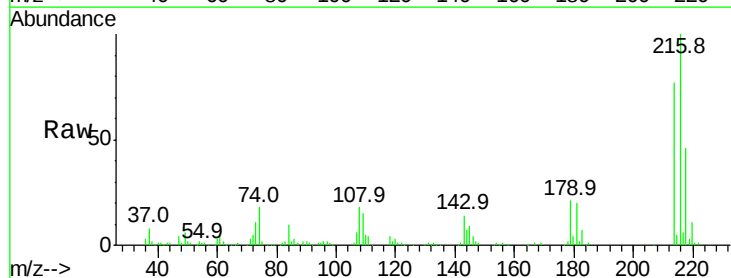
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 9.857 ng/uL
 RT: 13.40 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BM011637.D
 Acq: 20 Sep 2017 14:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.6	64.1	96.1
218	45.9	39.4	59.0



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

