

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
 Data File : BM011616.D
 Acq On : 19 Sep 2017 22:15
 Operator : SJ/JU
 Sample : I5271-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1

Quant Time: Sep 20 05:50:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	390544	20.00	ng/ul	0.01
18) Naphthalene-d8	10.79	136	1668236	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.60	164	998084	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2218432	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2356301	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2158998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	44576	5.13	ng/uL	0.00
5) Phenol-d5	7.12	99	219514	5.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	766104	30.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	690298	24.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	424012	14.48	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	436504	34.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	471114	35.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	798615	30.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	41119	1.41	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	2888051	34.23	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3490578	34.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	84950	5.36	ng/ul	0.00
58) Fluorene-d10	15.59	176	2510101	34.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	431870	33.46	ng/ul	0.00
71) Anthracene-d10	17.43	188	4067163	37.23	ng/ul	0.00
79) Pyrene-d10	19.72	212	4540395	41.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3942453	38.32	ng/ul	0.00

Target Compounds

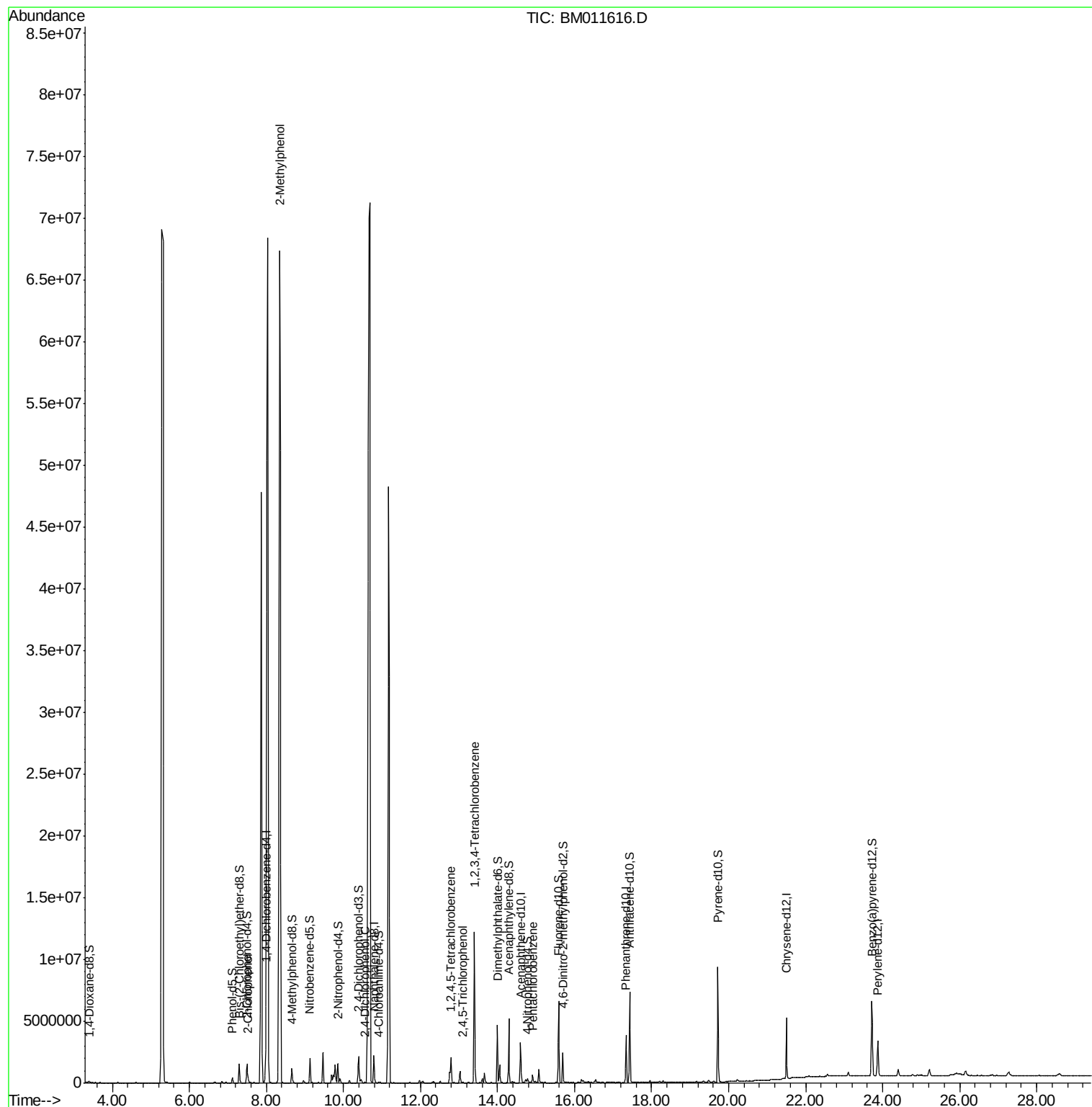
					Ovalue	
10) 2-Chlorophenol	7.53	128	134574	4.881	ng/ul	92
11) 2-Methylphenol	8.35	108	330379	11.705	ng/ul	100
27) 2,4-Dichlorophenol	10.56	162	31003	1.213	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	575256	19.430	ng/ul#	97
40) 2,4,5-Trichlorophenol	13.10	196	27037	1.323	ng/ul	90
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	3553936	120.221	ng/uL	97
74) Pentachlorobenzene	14.92	250	160775	5.362	ng/uL	98

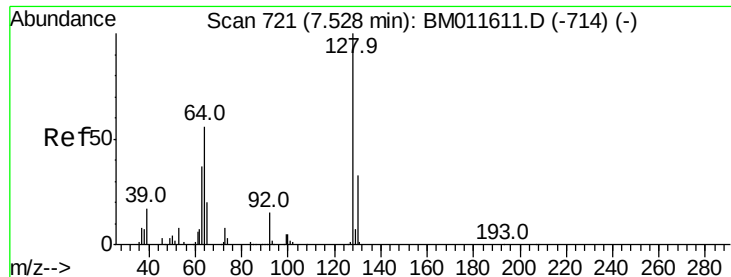
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091917\
Data File : BM011616.D
Acq On : 19 Sep 2017 22:15
Operator : SJ/JU
Sample : I5271-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ1

Quant Time: Sep 20 05:50:43 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 05:31:56 2017
Response via : Initial Calibration

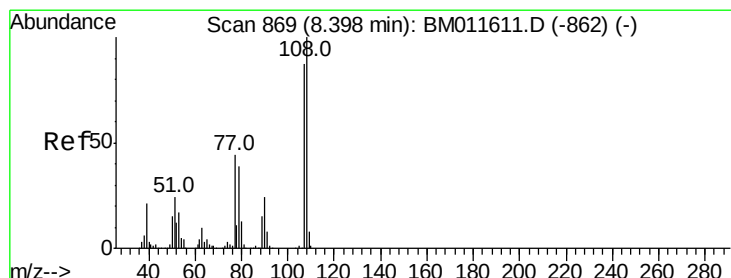
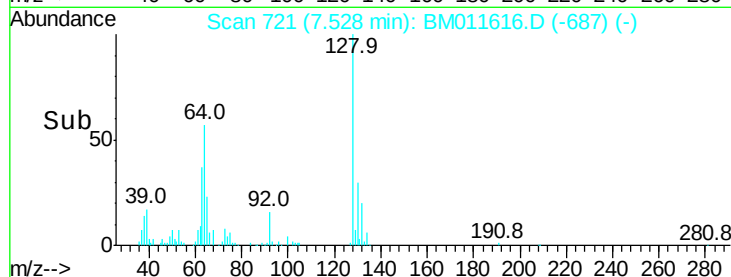
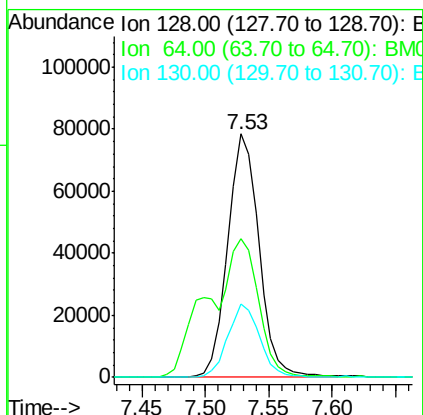
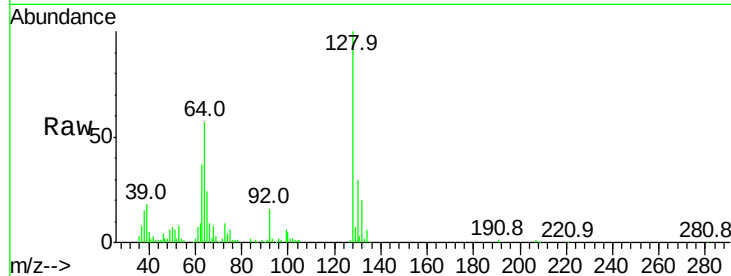




#10
2-Chlorophenol
Concen: 4.881 ng/ul
RT: 7.53 min Scan# 721
Delta R.T. 0.00 min
Lab File: BM011616.D
Acq: 19 Sep 2017 22:15

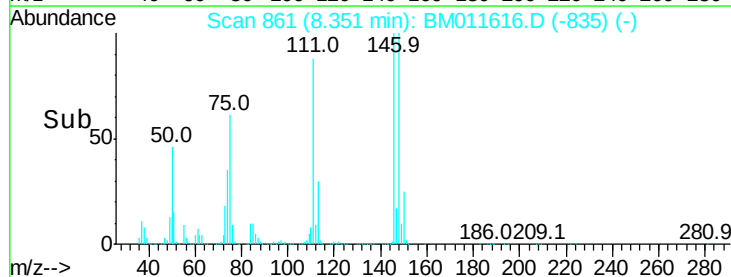
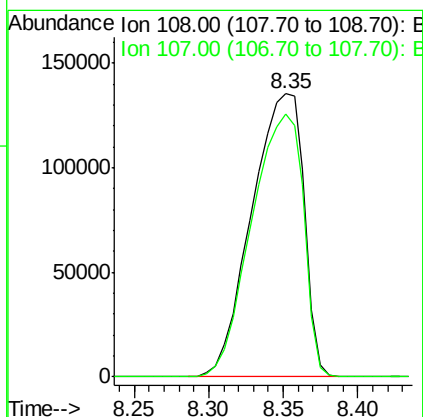
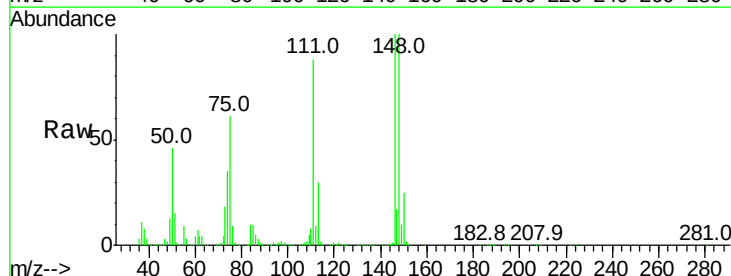
Instrument :
BNA_M
ClientSampleId :
C0AJ1

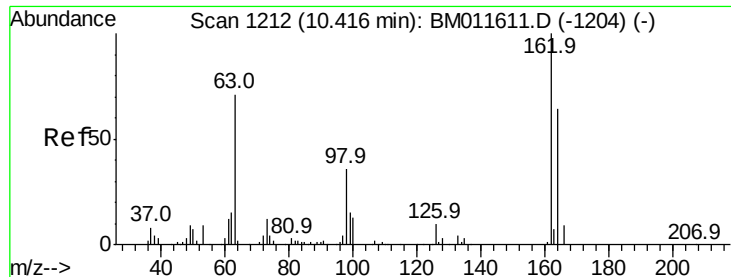
Tot Ion	Ratio	Lower	Upper
128	100		
64	57.2	39.8	59.6
130	30.4	25.8	38.8



#11
2-Methylphenol
Concen: 11.705 ng/ul
RT: 8.35 min Scan# 861
Delta R.T. -0.05 min
Lab File: BM011616.D
Acq: 19 Sep 2017 22:15

Tgt Ion	Ratio	Lower	Upper
108	100		
107	92.7	74.1	111.1

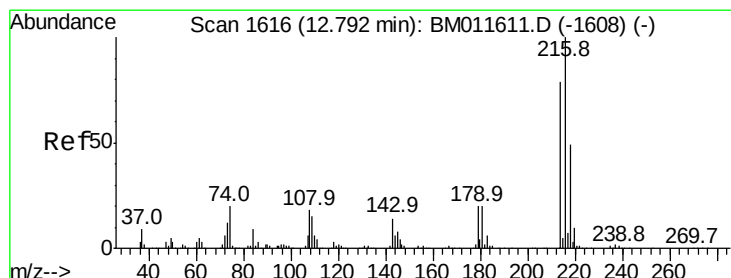
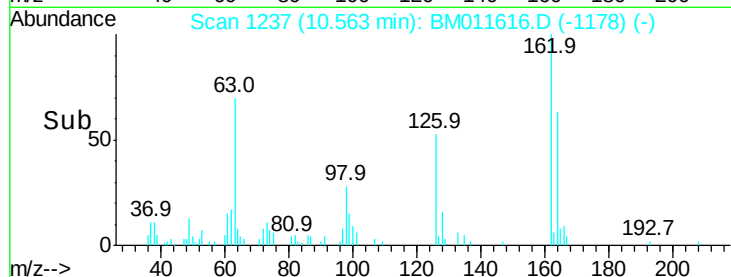
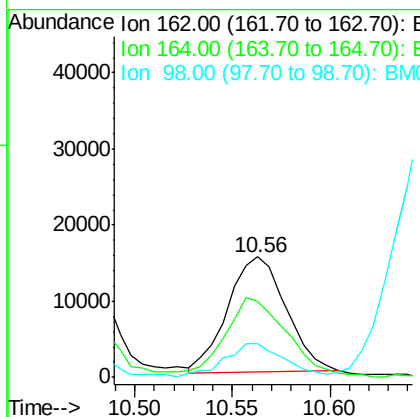
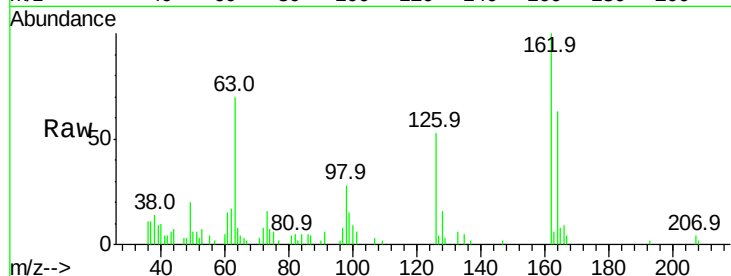




#27
 2,4-Dichlorophenol
 Concen: 1.213 ng/ul
 RT: 10.56 min Scan# 1237
 Delta R.T. 0.15 min
 Lab File: BM011616.D
 Acq: 19 Sep 2017 22:15

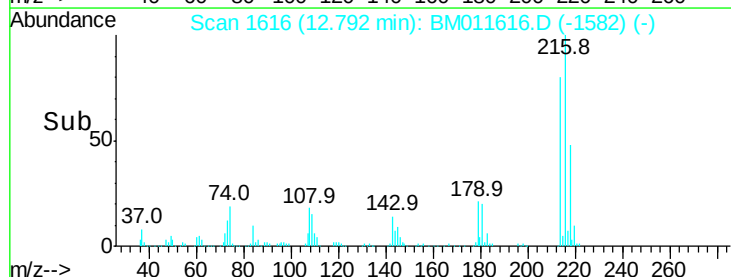
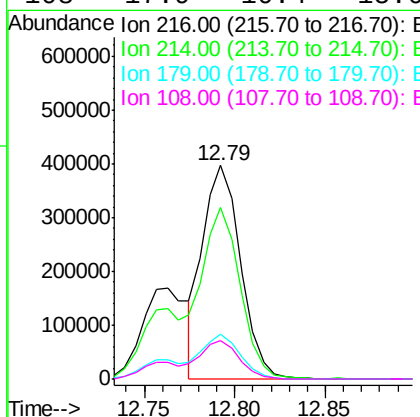
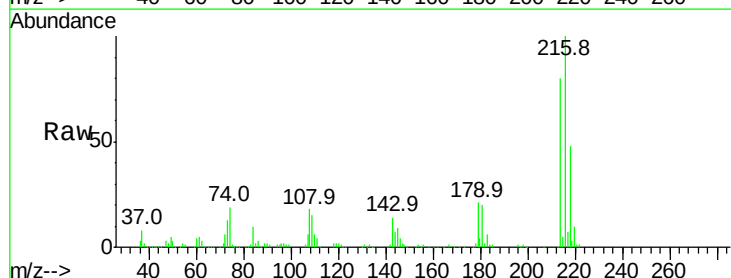
Instrument :
 BNA_M
 ClientSampled :
 C0AJ1

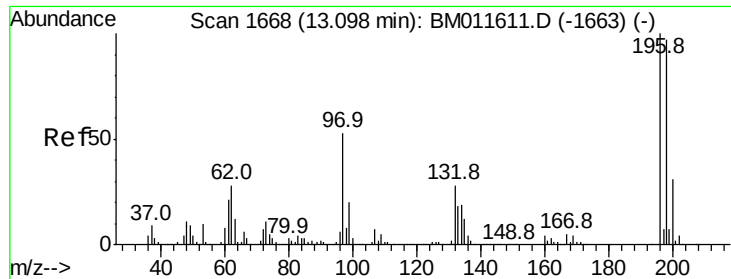
Tot Ion:162 Resp: 31003
 Ion Ratio Lower Upper
 162 100
 164 62.5 52.0 78.0
 98 28.4 26.6 39.8



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.430 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BM011616.D
 Acq: 19 Sep 2017 22:15

Tgt Ion:216 Resp: 575256
 Ion Ratio Lower Upper
 216 100
 214 80.5 64.1 96.1
 179 21.0 14.5 21.7
 108 17.9 10.4 15.6#

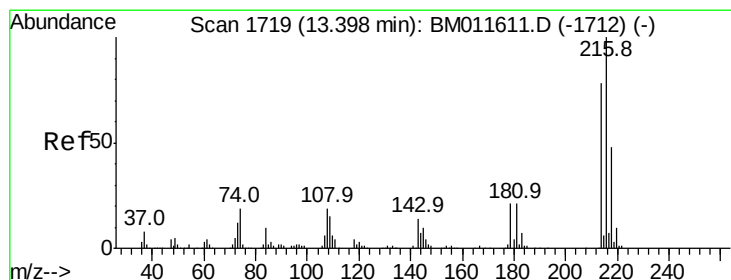
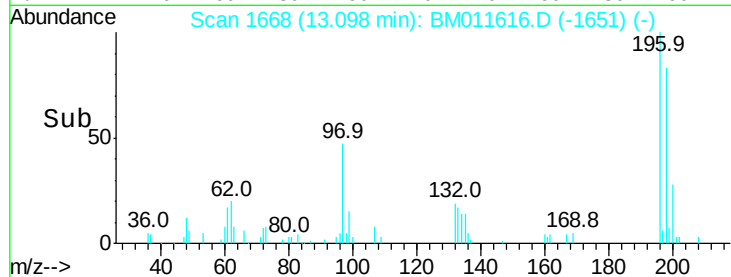
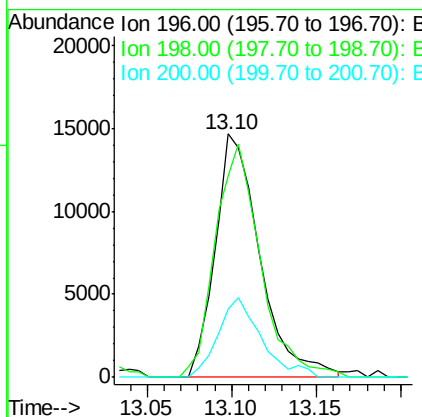
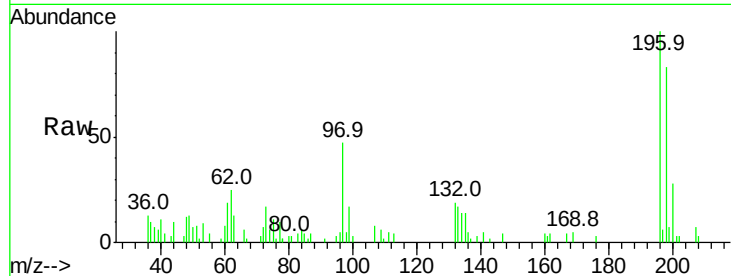




#40
 2,4,5-Trichlorophenol
 Concen: 1.323 ng/uL
 RT: 13.10 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BM011616.D
 Acq: 19 Sep 2017 22:15

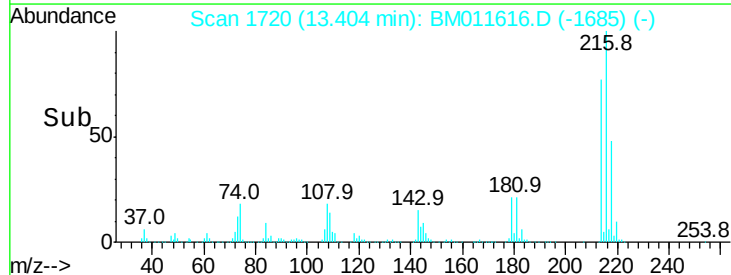
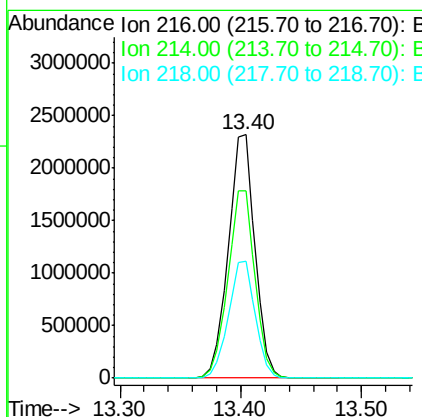
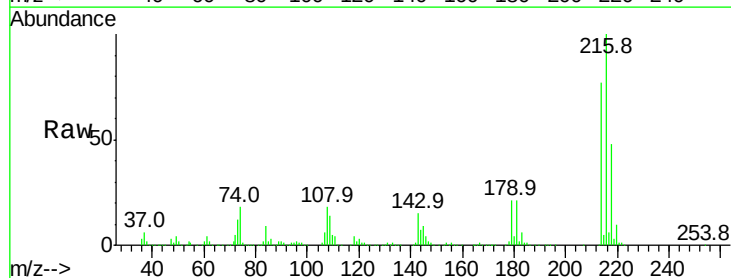
Instrument :
 BNA_M
 ClientSampled :
 C0AJ1

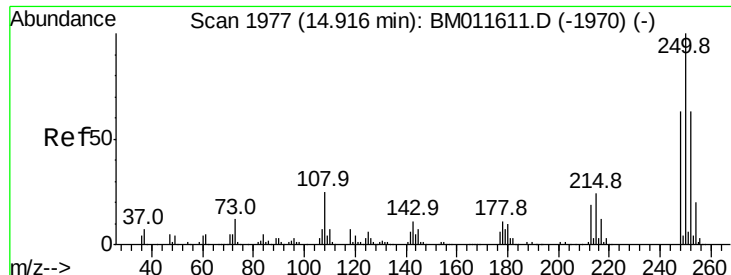
Tot Ion:196 Resp: 27037
 Ion Ratio Lower Upper
 196 100
 198 82.6 74.7 112.1
 200 28.1 25.4 38.0



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 120.221 ng/uL
 RT: 13.40 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BM011616.D
 Acq: 19 Sep 2017 22:15

Tgt Ion:216 Resp: 3553936
 Ion Ratio Lower Upper
 216 100
 214 77.2 64.1 96.1
 218 47.9 39.4 59.0





#74

Pentachlorobenzene

Concen: 5.362 ng/uL

RT: 14.92 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM011616.D

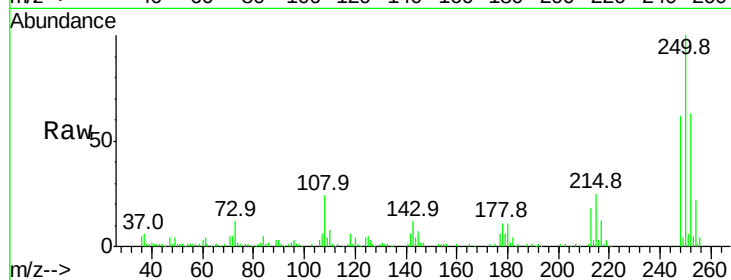
Acq: 19 Sep 2017 22:15

Instrument :

BNA_M

ClientSampleId :

C0AJ1



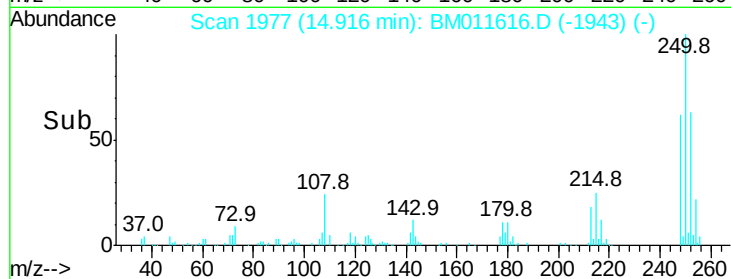
Tot Ion:250 Resp: 160775

Ion Ratio Lower Upper

250 100

248 61.6 51.4 77.2

252 63.3 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

