

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012714.D
 Acq On : 04 Nov 2017 19:08
 Operator : SJ/JU
 Sample : I6198-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0233

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:23:44 PM

Quant Time: Nov 06 02:42:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 01:42:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	110339m	20.00	ng/ul	0.08
18) Naphthalene-d8	10.63	136	386444	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.45	164	240555	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	583212	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	718115	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	718422	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	12816m	6.27	ng/uL	0.00
5) Phenol-d5	6.99	99	51880	6.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	133235	29.94	ng/ul	0.02
9) 2-Chlorophenol-d4	7.36	132	165165	24.15	ng/ul	0.02
13) 4-Methylphenol-d8	8.53	113	105689	14.91	ng/ul	0.01
19) Nitrobenzene-d5	8.98	128	105195	36.85	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	123804	37.90	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	213186	31.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.63	131	265	0.04	ng/ul	-0.11
43) Dimethylphthalate-d6	13.86	166	812658	40.82	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	608504	24.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	26595	8.34	ng/ul	0.00
57) Fluorene-d10	15.44	176	665892	39.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	153332	39.82	ng/ul	0.00
70) Anthracene-d10	17.29	188	991463	35.19	ng/ul	0.00
78) Pyrene-d10	19.59	212	1244055	37.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1181643	34.79	ng/ul	0.00

Target Compounds

					Ovalue	
20) Nitrobenzene	9.05	77	3054605	454.532	ng/ul	99
23) 2-Nitrophenol	9.73	139	27375	7.782	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	365345m	39.232	ng/ul	
52) 4-Nitrophenol	14.67	109	4705	1.672	ng/ul#	83
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	1323734	138.859	ng/uL	98
73) Pentachlorobenzene	14.77	250	36437	3.735	ng/uL	100

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

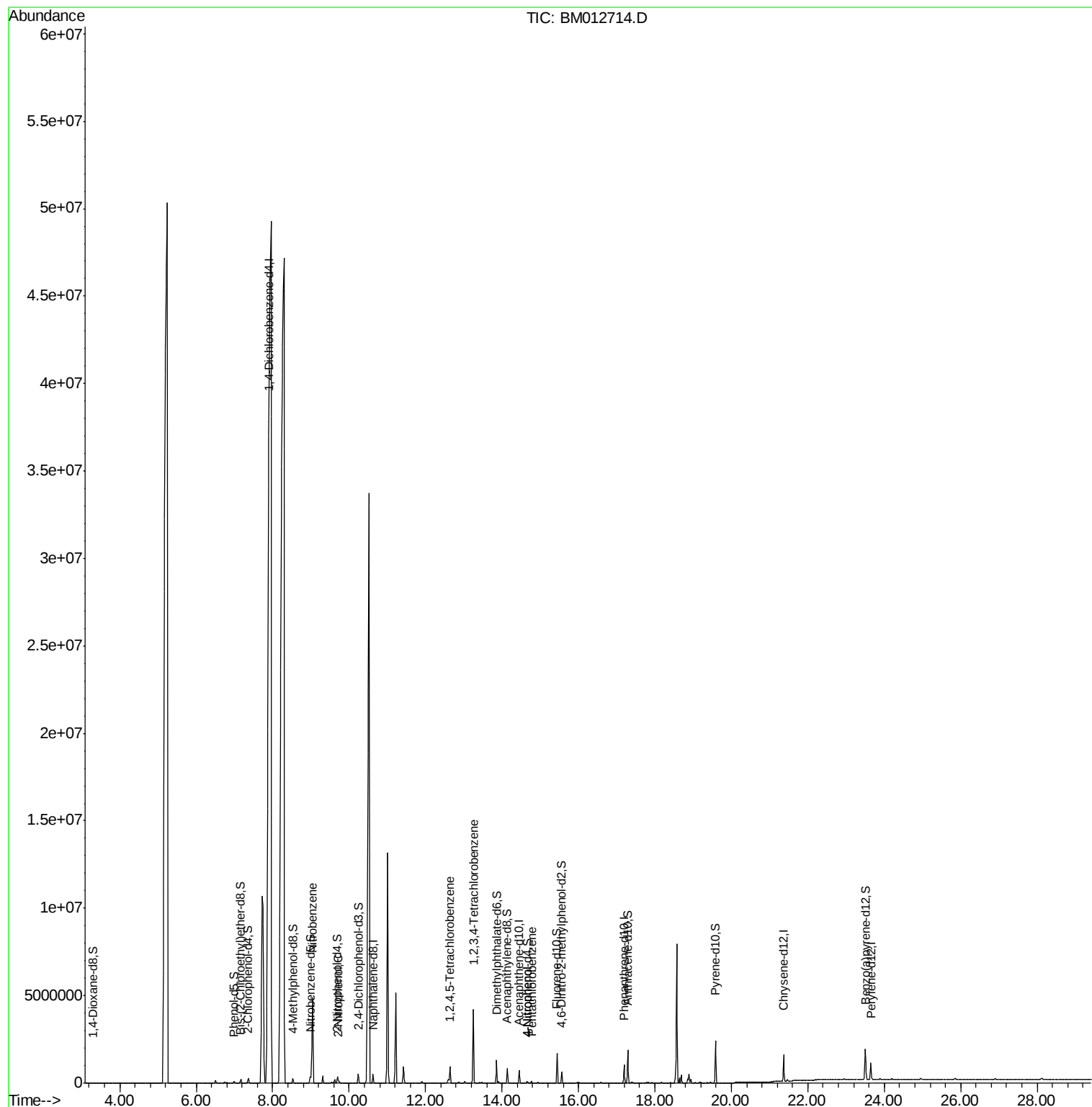
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
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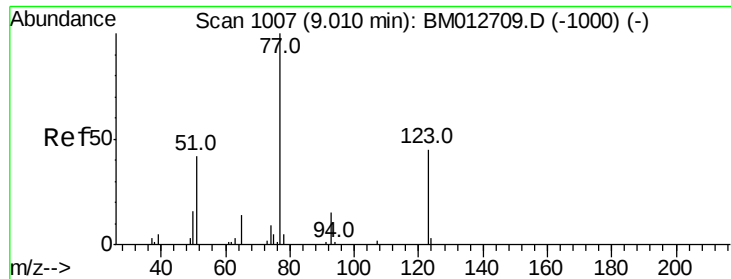
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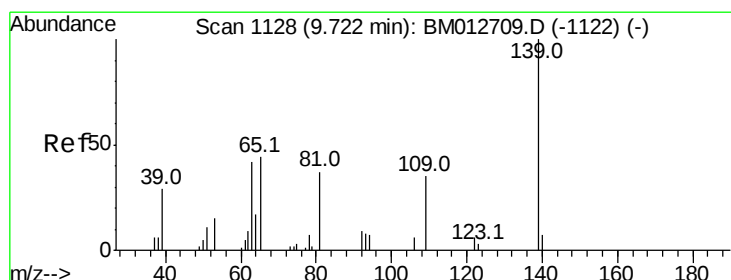
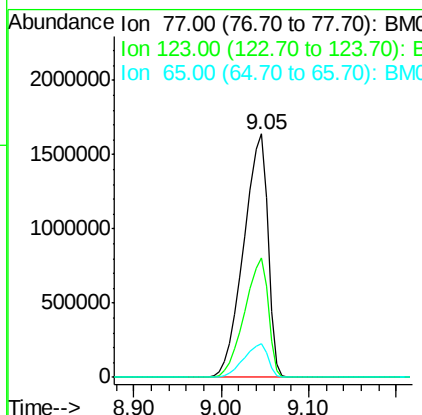
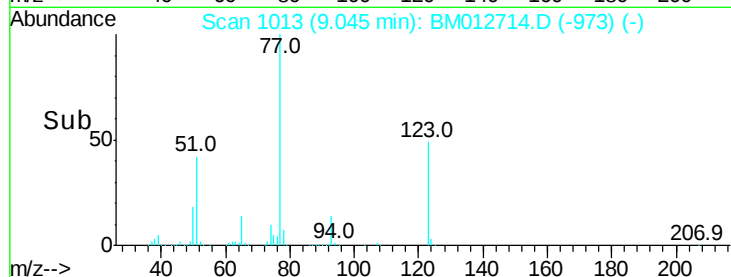
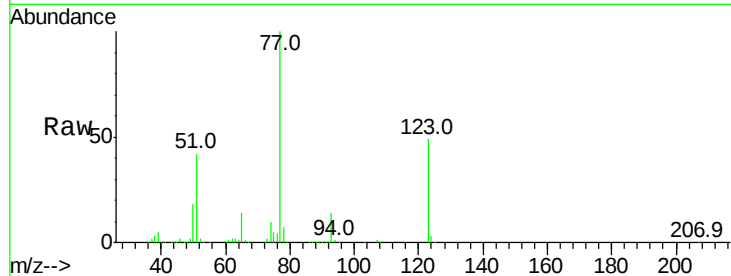
#20
Nitrobenzene
Concen: 454.532 ng/ul
RT: 9.05 min Scan# 1013
Delta R.T. 0.04 min
Lab File: BM012714.D
Acq: 04 Nov 2017 19:08

Instrument :
BNA_M
ClientSampled :
C0233

Tot Ion: 77 Resp: 3054605
Ion Ratio Lower Upper
77 100
123 49.0 39.0 58.4
65 14.0 10.4 15.6

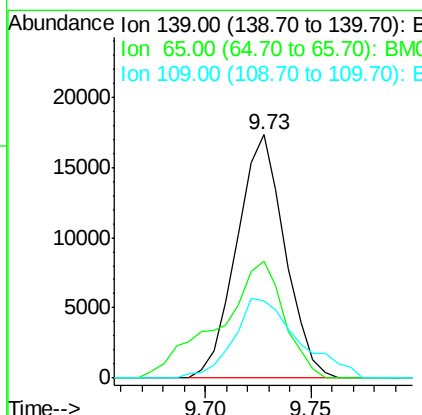
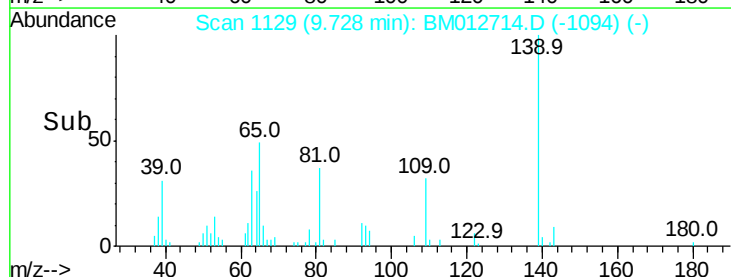
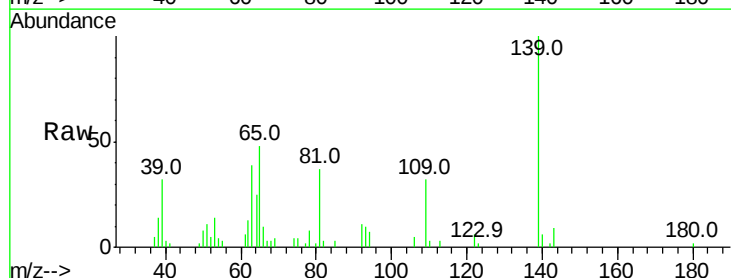
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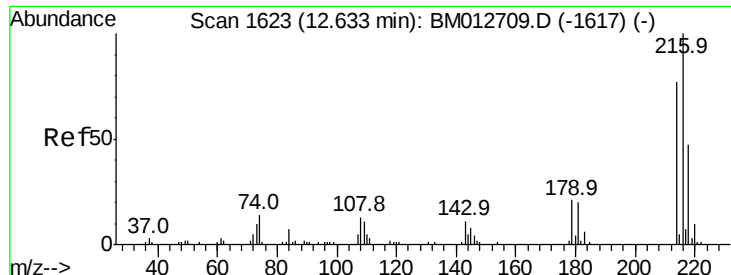
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#23
2-Nitrophenol
Concen: 7.782 ng/ul
RT: 9.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BM012714.D
Acq: 04 Nov 2017 19:08

Tgt Ion: 139 Resp: 27375
Ion Ratio Lower Upper
139 100
65 48.0 36.3 54.5
109 31.7 26.4 39.6





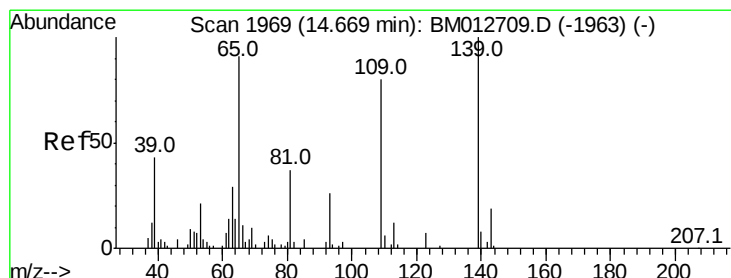
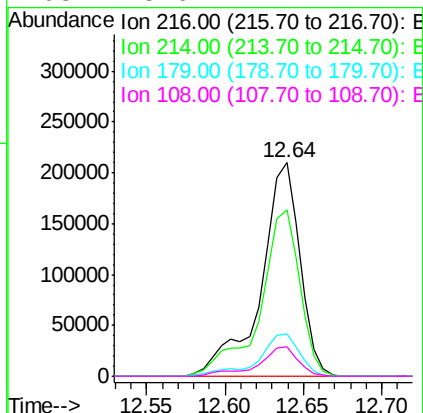
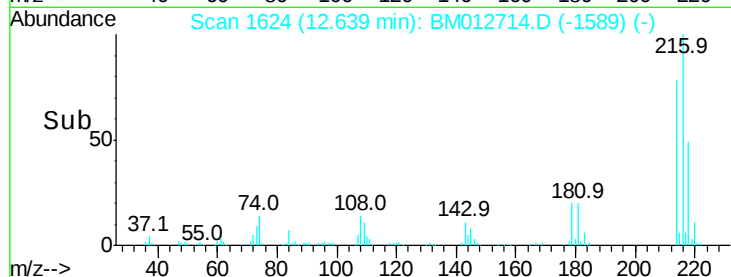
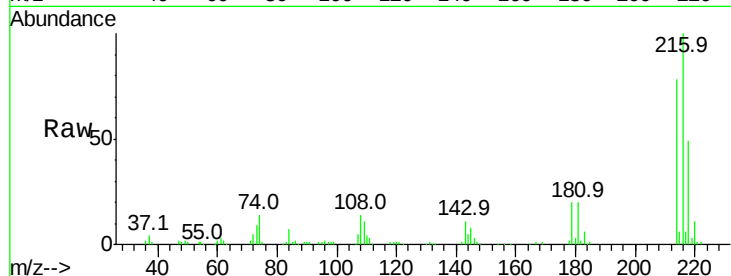
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.232 ng/ul m
 RT: 12.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BM012714.D
 Acq: 04 Nov 2017 19:08

Instrument :
 BNA_M
 ClientSampleId :
 C0233

Tot Ion	Ratio	Resp	Lower	Upper
216	100	365345		
214	77.8	62.5	93.7	
179	20.1	18.2	27.2	
108	13.6	14.2	21.2	

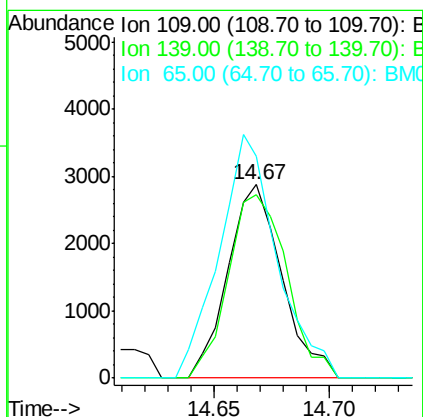
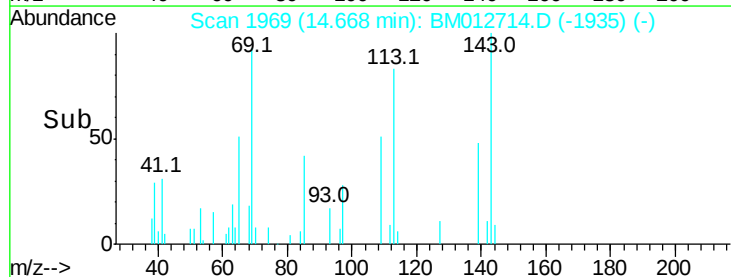
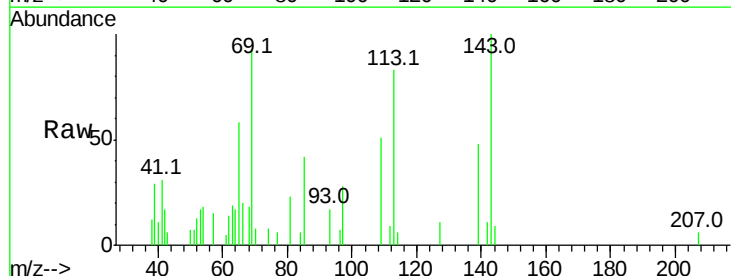
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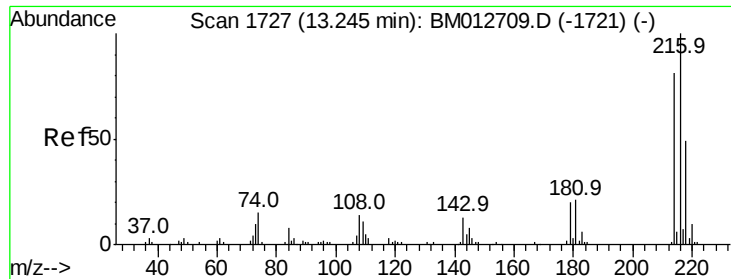
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#52
 4-Nitrophenol
 Concen: 1.672 ng/ul
 RT: 14.67 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BM012714.D
 Acq: 04 Nov 2017 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	4705		
139	94.8	103.7	155.5	
65	114.7	89.4	134.2	





#72

1,2,3,4-Tetrachlorobenzene

Concen: 138.859 ng/uL

RT: 13.25 min Scan# 1728

Delta R.T. 0.01 min

Lab File: BM012714.D

Acq: 04 Nov 2017 19:08

Instrument :

BNA_M

ClientSampled :

C0233

Tot Ion:216 Resp: 1323734

Ion Ratio Lower Upper

216 100

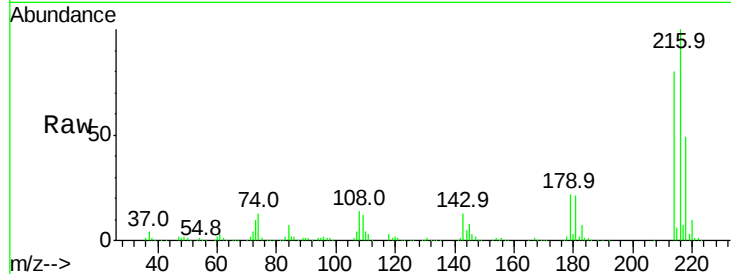
214 79.6 62.5 93.7

218 49.0 38.4 57.6

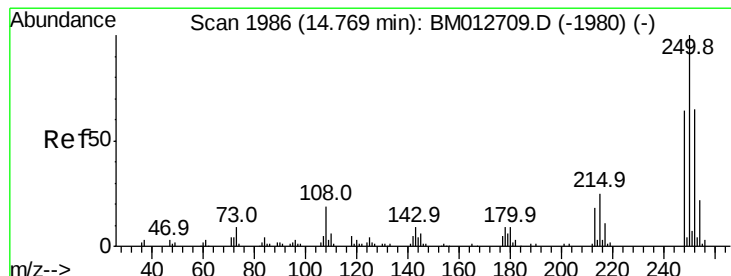
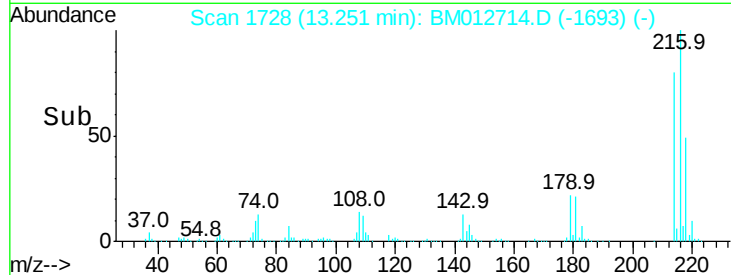
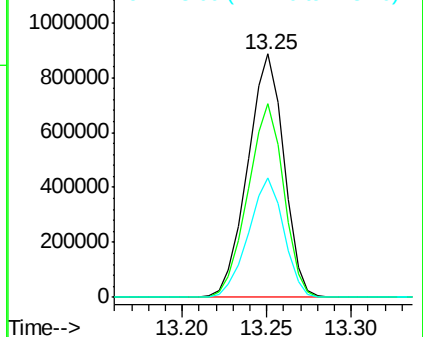
Manual Integrations
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 3.735 ng/uL

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM012714.D

Acq: 04 Nov 2017 19:08

Tgt Ion:250 Resp: 36437

Ion Ratio Lower Upper

250 100

248 63.4 50.6 75.8

252 64.7 51.4 77.0

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

