

Data Path : Z:\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

Quant Time: Nov 06 01:43:38 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	7.88	152	70740	20.00	ng/ul	0.07
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	3.35	96	131	0.10	ng/uL	0.05
5) Phenol-d5	6.99	99	51880	9.86	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	133235	46.71	ng/ul	0.02
9) 2-Chlorophenol-d4	7.36	132	165165	37.67	ng/ul	0.02
13) 4-Methylphenol-d8	8.53	113	105689	23.26	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

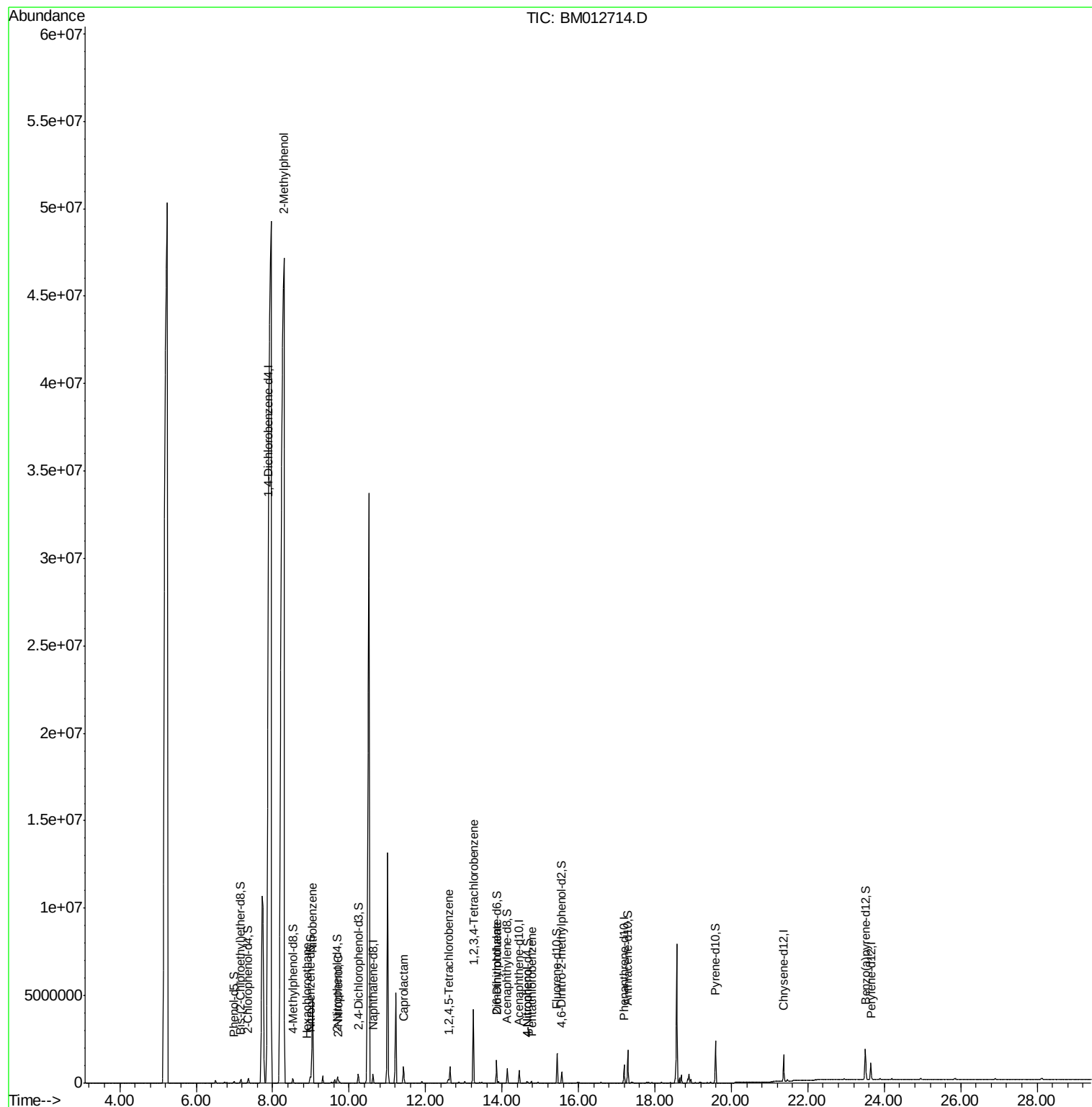
						Ovalue
11) 2-Methylphenol	8.29	108	486758	118.39	ng/ul	97
17) Hexachloroethane	8.90	117	2332	1.28	ng/ul	90
20) Nitrobenzene	9.05	77	3054605	454.53	ng/ul	99
23) 2-Nitrophenol	9.73	139	27375	7.78	ng/ul	97
32) Caprolactam	11.42	113	64698	35.24	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	46083	4.95	ng/ul	97
45) 2,6-Dinitrotoluene	13.86	165	5429	1.37	ng/ul#	50
52) 4-Nitrophenol	14.67	109	4705	1.67	ng/ul#	83
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	1323734	138.86	ng/uL	98
73) Pentachlorobenzene	14.77	250	36437	3.74	ng/uL	100

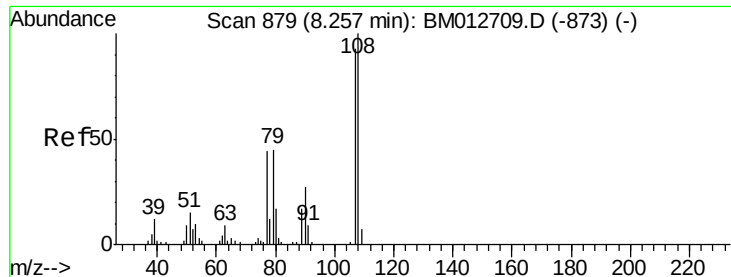
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 118.39 ng/ul

RT: 8.29 min Scan# 884

Delta R.T. 0.03 min

Lab File: BM012714.D

Acq: 04 Nov 2017 19:08

Instrument :

BNA_M

ClientSampleId :

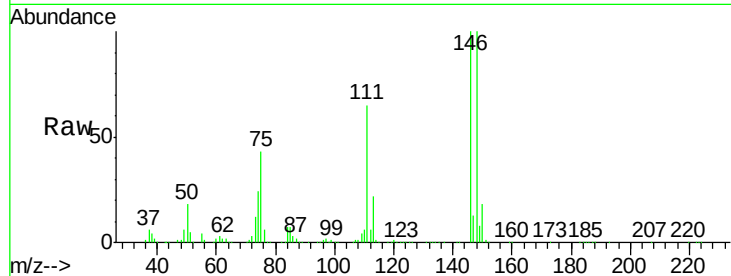
C0233

Tot Ion:108 Resp: 486758

Ion Ratio Lower Upper

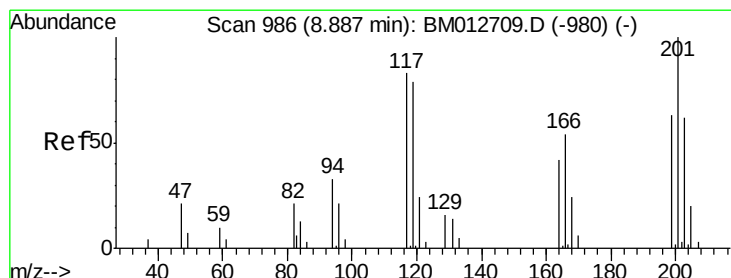
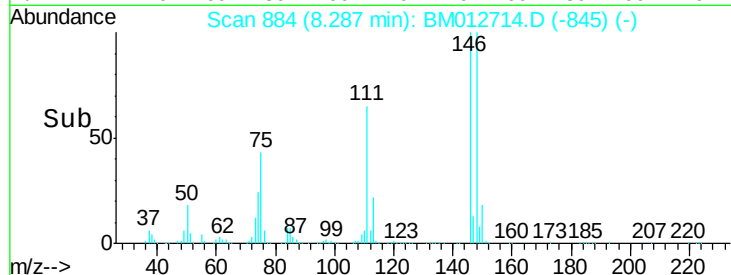
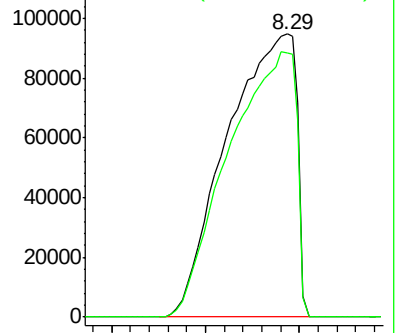
108 100

107 93.5 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 1.28 ng/ul

RT: 8.90 min Scan# 989

Delta R.T. 0.02 min

Lab File: BM012714.D

Acq: 04 Nov 2017 19:08

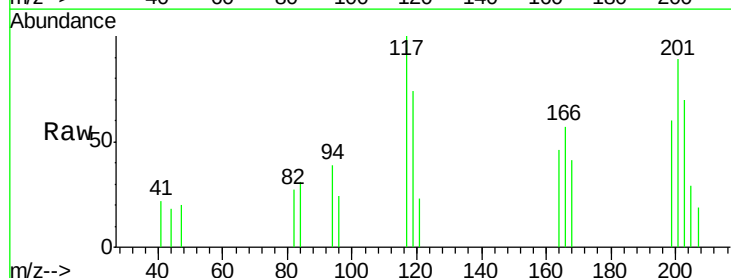
Tgt Ion:117 Resp: 2332

Ion Ratio Lower Upper

117 100

201 89.0 81.5 122.3

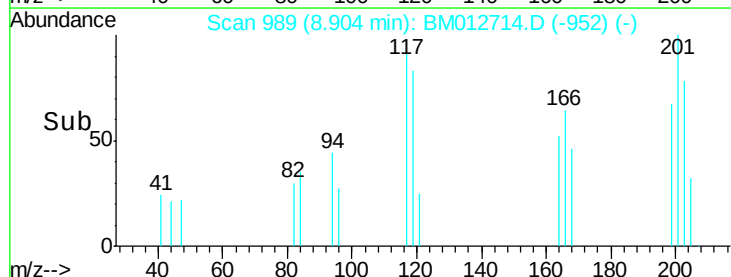
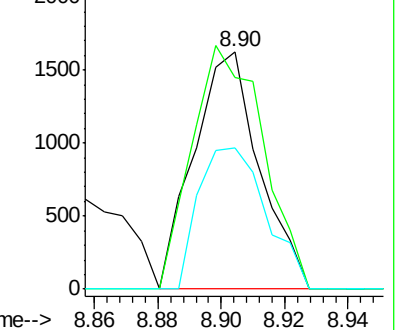
199 59.6 50.6 76.0

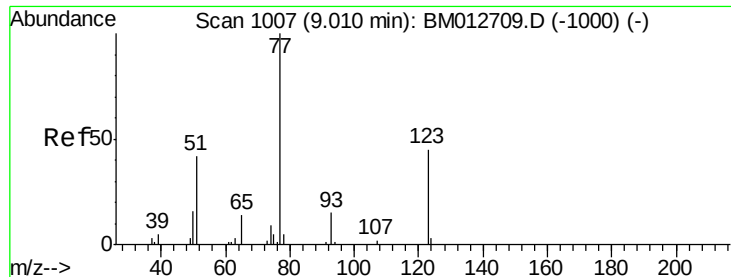


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

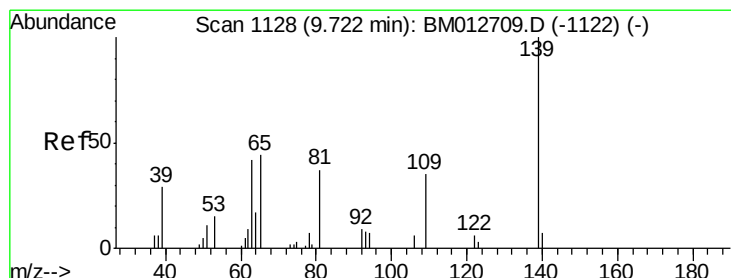
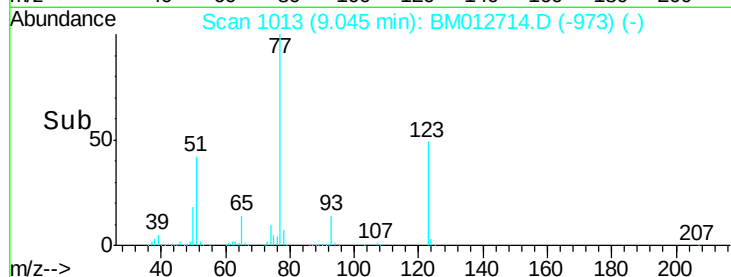
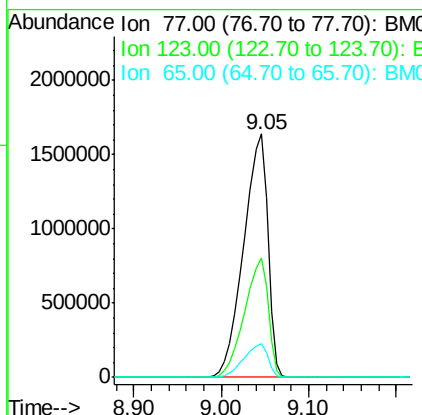
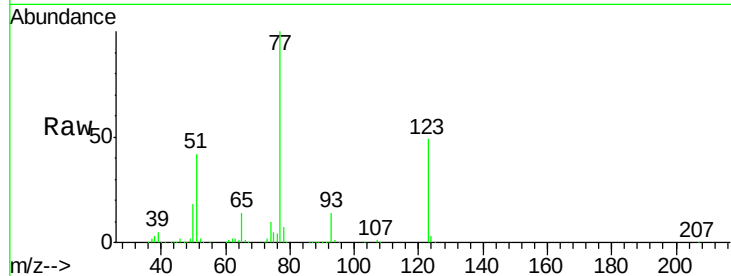




#20
Nitrobenzene
Concen: 454.53 ng/ul
RT: 9.05 min Scan# 1013
Delta R.T. 0.04 min
Lab File: BM012714.D
Acq: 04 Nov 2017 19:08

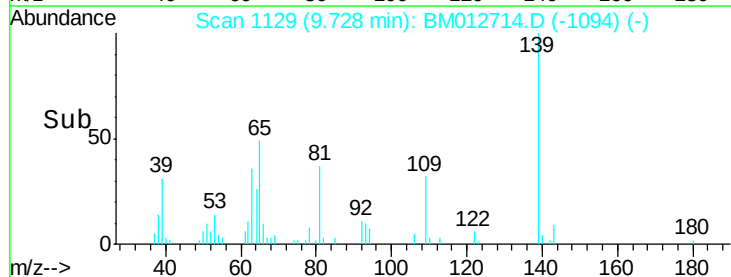
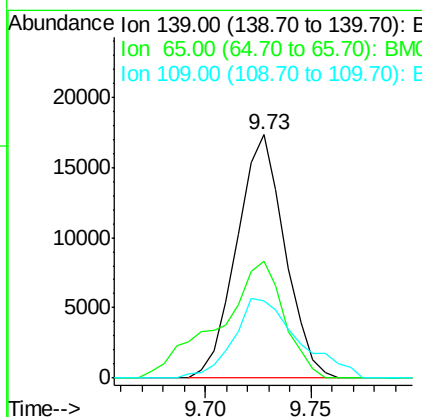
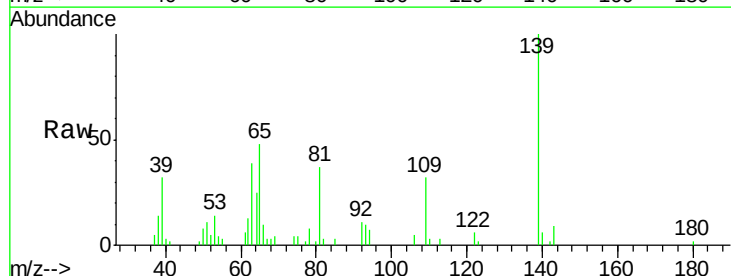
Instrument :
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ClientSampled :
C0233

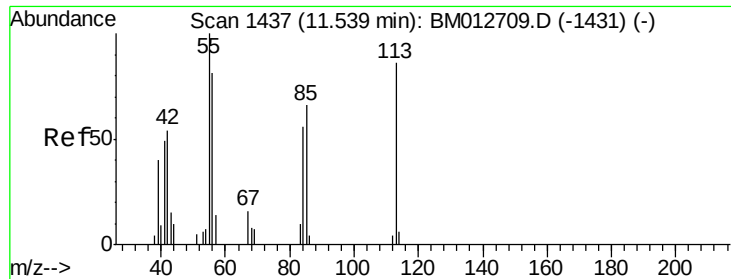
Tot Ion: 77 Resp: 3054605
Ion Ratio Lower Upper
77 100
123 49.0 39.0 58.4
65 14.0 10.4 15.6



#23
2-Nitrophenol
Concen: 7.78 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





#32

Caprolactam

Concen: 35.24 ng/ul

RT: 11.42 min Scan# 1417

Delta R.T. -0.12 min

Lab File: BM012714.D

Acq: 04 Nov 2017 19:08

Instrument :

BNA_M

ClientSampled :

C0233

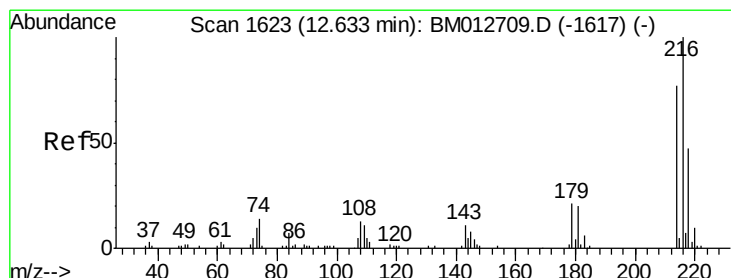
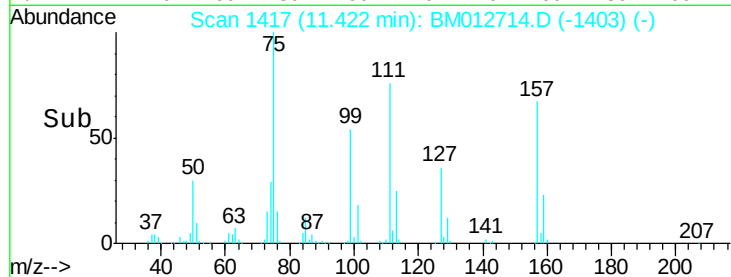
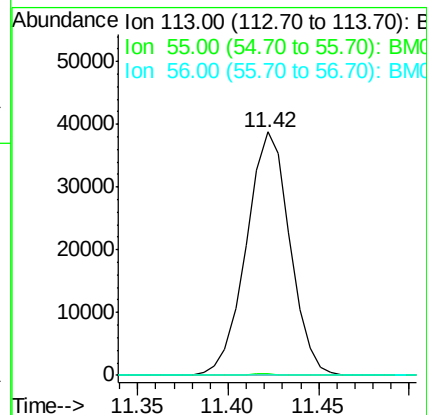
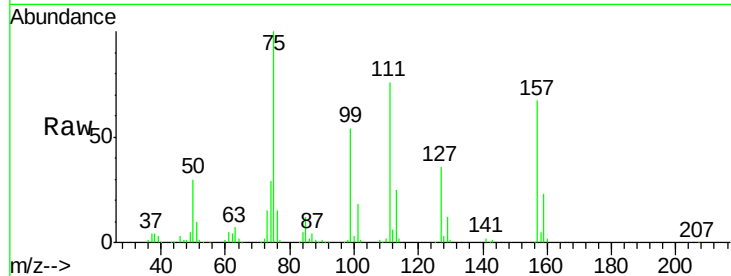
Tot Ion:113 Resp: 64698

Ion Ratio Lower Upper

113 100

55 0.8 101.9 152.9#

56 0.0 81.2 121.8#



#36

1,2,4,5-Tetrachlorobenzene

Concen: 4.95 ng/ul

RT: 12.60 min Scan# 1618

Delta R.T. -0.03 min

Lab File: BM012714.D

Acq: 04 Nov 2017 19:08

Tgt Ion:216 Resp: 46083

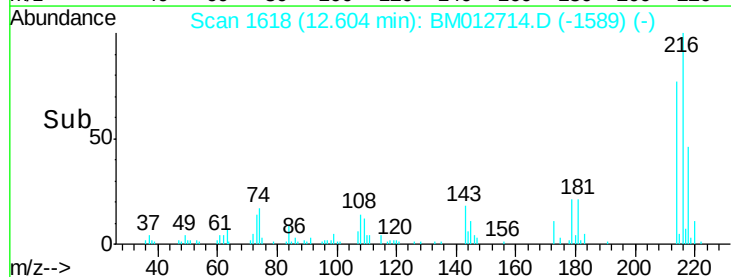
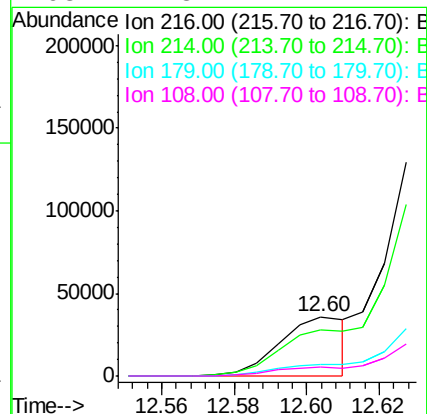
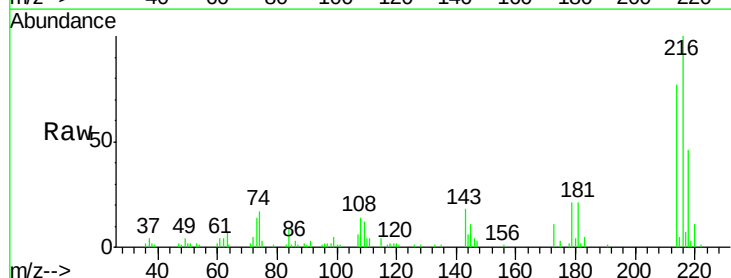
Ion Ratio Lower Upper

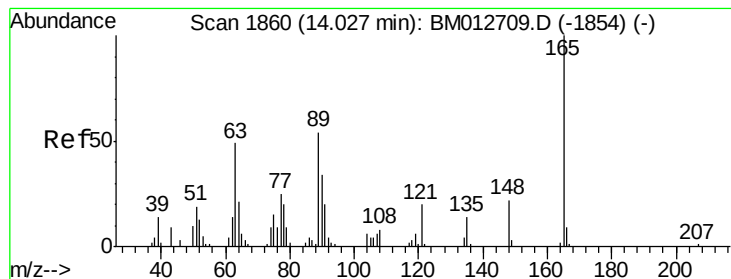
216 100

214 77.3 62.5 93.7

179 20.5 18.2 27.2

108 14.3 14.2 21.2





#45

2,6-Dinitrotoluene

Concen: 1.37 ng/ul

RT: 13.86 min Scan# 1832

Delta R.T. -0.16 min

Lab File: BM012714.D

Acq: 04 Nov 2017 19:08

Instrument :

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ClientSampleId :

C0233

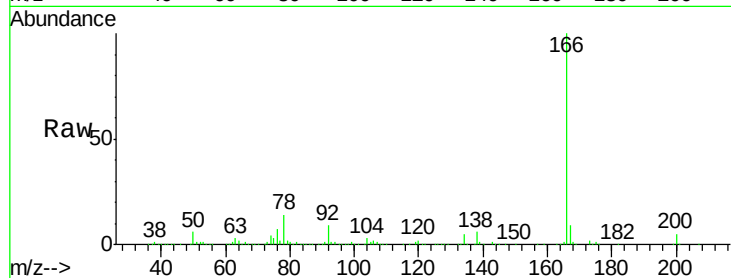
Tot Ion:165 Resp: 5429

Ion Ratio Lower Upper

165 100

89 6.4 42.4 63.6#

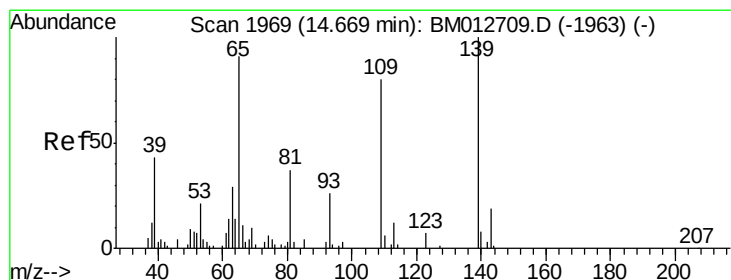
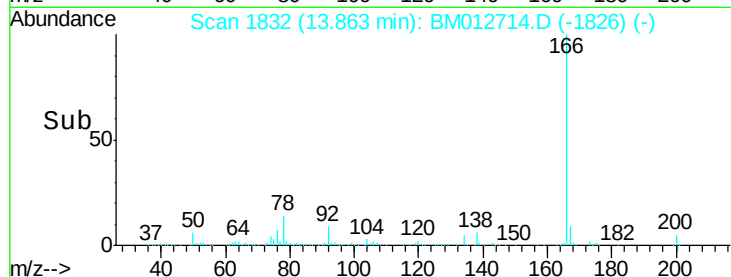
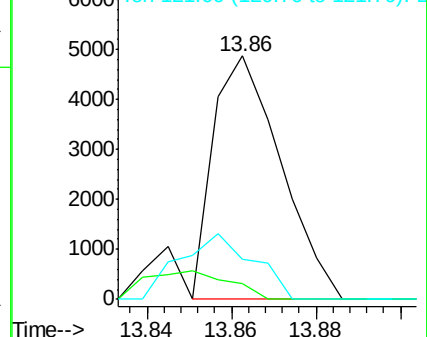
121 16.5 16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E



#52

4-Nitrophenol

Concen: 1.67 ng/ul

RT: 14.67 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BM012714.D

Acq: 04 Nov 2017 19:08

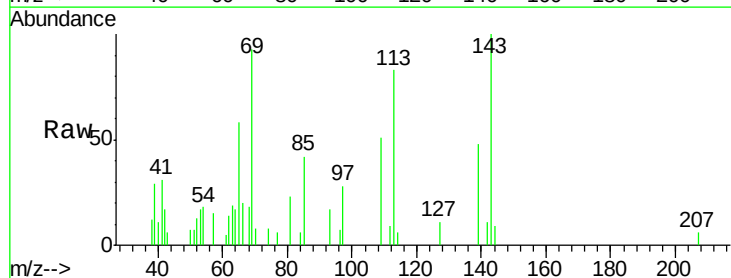
Tgt Ion:109 Resp: 4705

Ion Ratio Lower Upper

109 100

139 94.8 103.7 155.5#

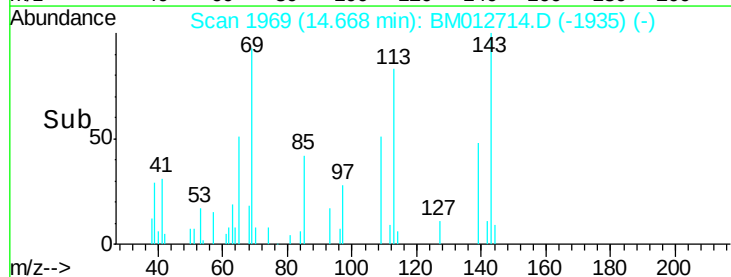
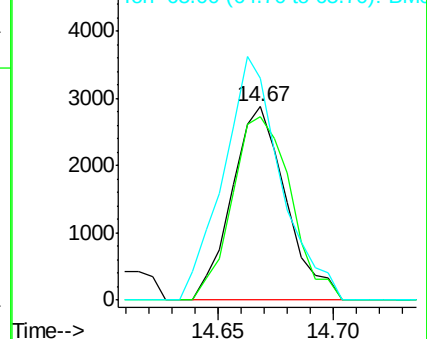
65 114.7 89.4 134.2

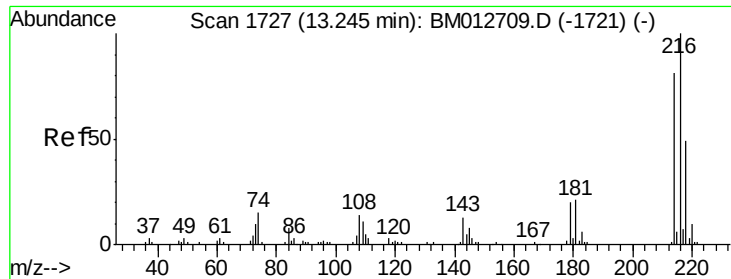


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0





#72

1,2,3,4-Tetrachlorobenzene

Concen: 138.86 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

ClientSampleId :

C0233

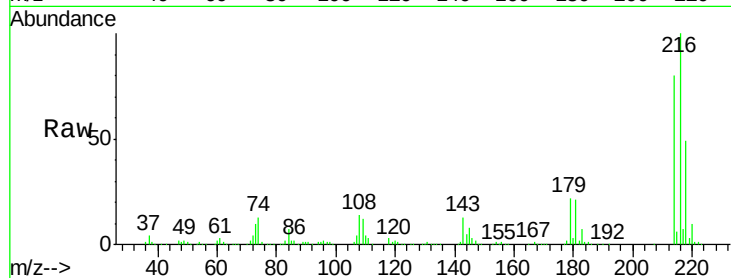
Tot Ion:216 Resp: 1323734

Ion Ratio Lower Upper

216 100

214 79.6 62.5 93.7

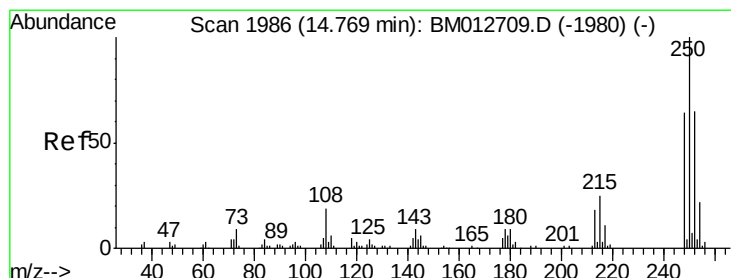
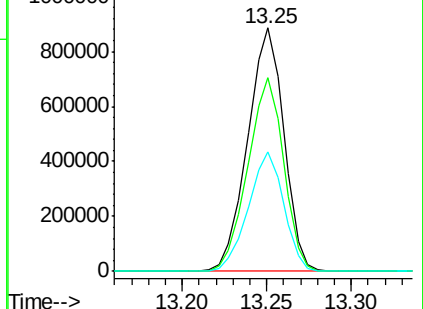
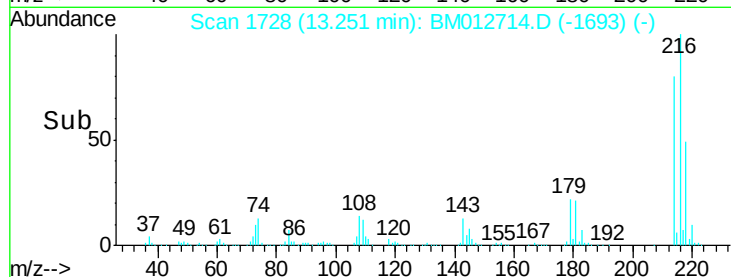
218 49.0 38.4 57.6



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: 3.74 ng/uL

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM012714.D

Acq: 04 Nov 2017 19:08

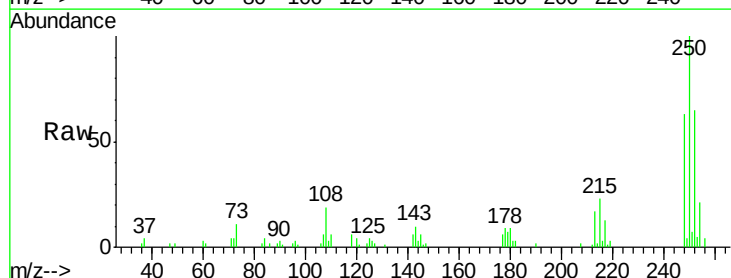
Tgt Ion:250 Resp: 36437

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

