

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
 Data File : BM011703.D
 Acq On : 23 Sep 2017 13:40
 Operator : SJ/JU
 Sample : I5273-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 25 02:00:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 01:59:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	207495	20.00	ng/ul	0.05
18) Naphthalene-d8	10.76	136	733879	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	383676	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	847900	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	937515	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	976299	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	24272	5.26	ng/uL	0.00
5) Phenol-d5	7.11	99	115104	5.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	398928	29.71	ng/ul	0.02
9) 2-Chlorophenol-d4	7.49	132	362804	24.16	ng/ul	0.01
13) 4-Methylphenol-d8	8.73	113	763	0.05	ng/ul	0.08
19) Nitrobenzene-d5	9.12	128	209154	37.54	ng/ul	0.01
22) 2-Nitrophenol-d4	9.84	143	224549	38.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	369218	31.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	12133	0.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1179353	36.36	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	1347609	34.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	36707	6.02	ng/ul	0.00
58) Fluorene-d10	15.57	176	982928	34.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	167924	34.04	ng/ul	0.00
71) Anthracene-d10	17.42	188	1537623	36.83	ng/ul	0.00
79) Pyrene-d10	19.71	212	1772204	40.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1727663	37.13	ng/ul	0.00

Target Compounds

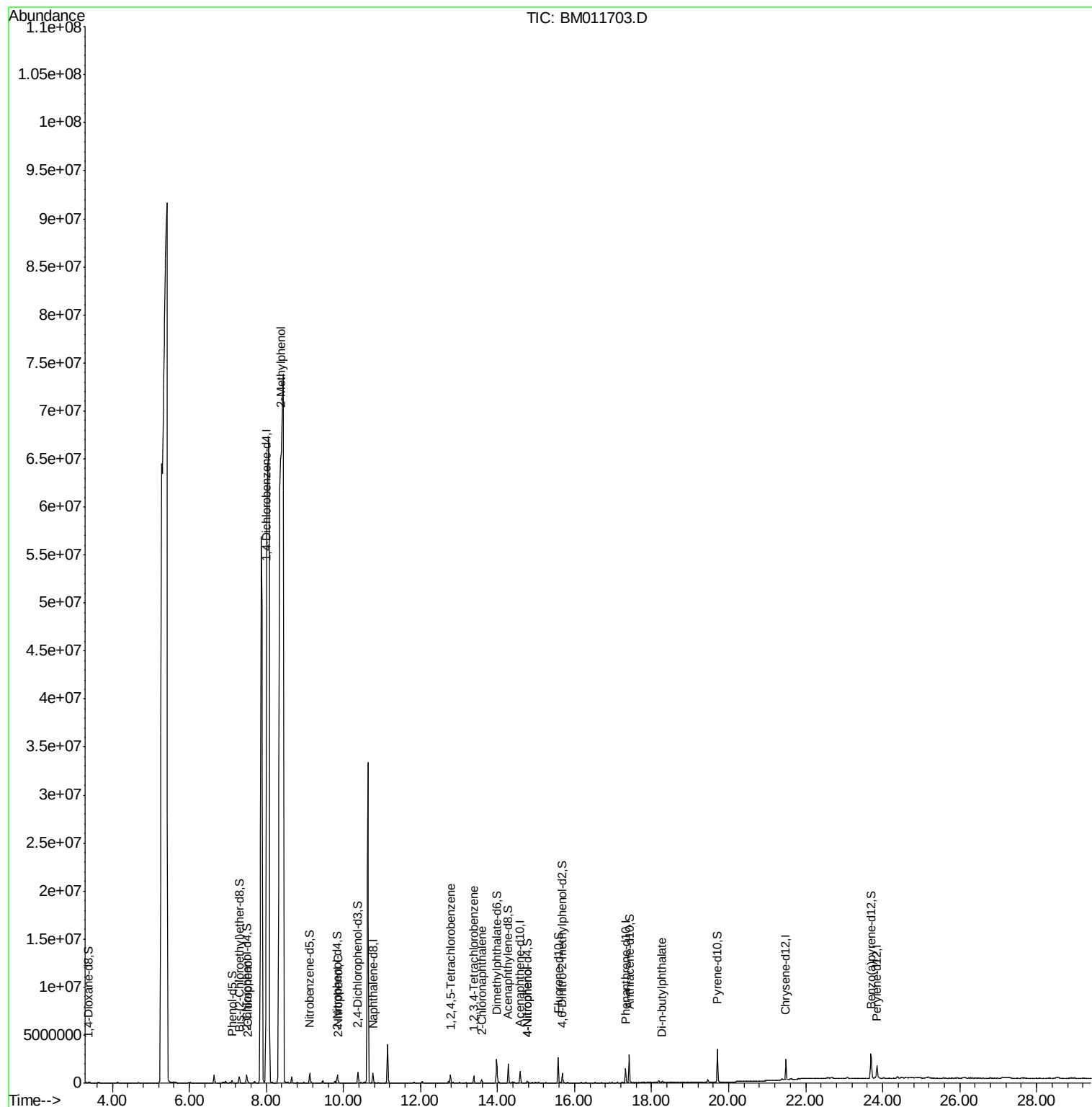
					Ovalue	
10) 2-Chlorophenol	7.52	128	15462	1.056	ng/ul#	71
11) 2-Methylphenol	8.37	108	521244	34.760	ng/ul	99
23) 2-Nitrophenol	9.87	139	14635	2.405	ng/ul#	80
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	265577	23.335	ng/ul#	95
42) 2-Chloronaphthalene	13.59	162	96624	4.022	ng/ul#	42
53) 4-Nitrophenol	14.79	109	6683	1.706	ng/ul#	63
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	192273	17.017	ng/uL	96
76) Di-n-butylphthalate	18.27	149	84591	1.557	ng/ul#	98

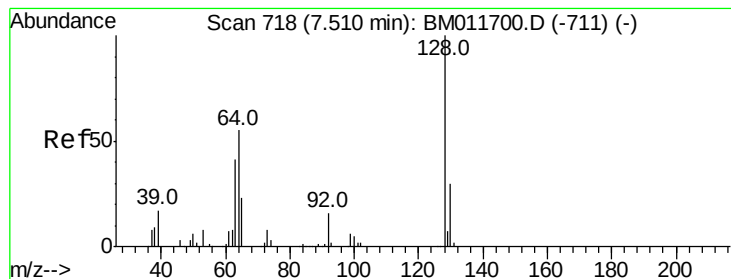
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.056 ng/ul

RT: 7.52 min Scan# 720

Delta R.T. 0.01 min

Lab File: BM011703.D

Acq: 23 Sep 2017 13:40

Instrument :

BNA_M

ClientSampleId :

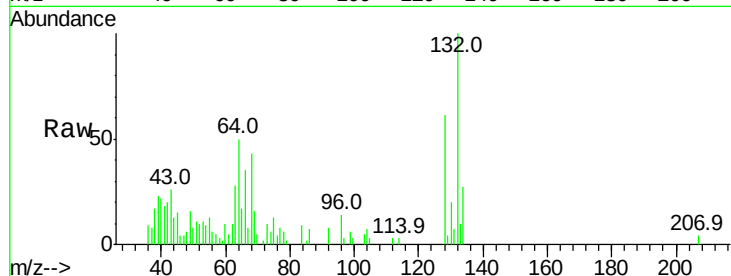
Tot Ion:128 Resp: 15462

Ion Ratio Lower Upper

128 100

64 82.0 39.8 59.6#

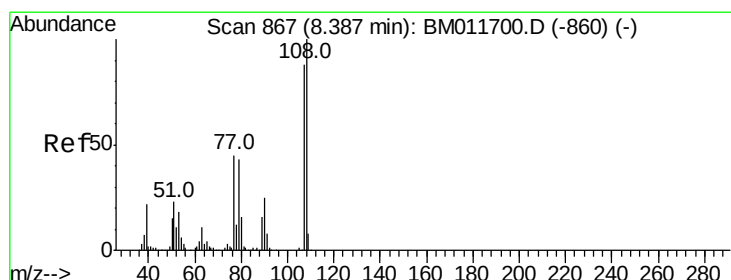
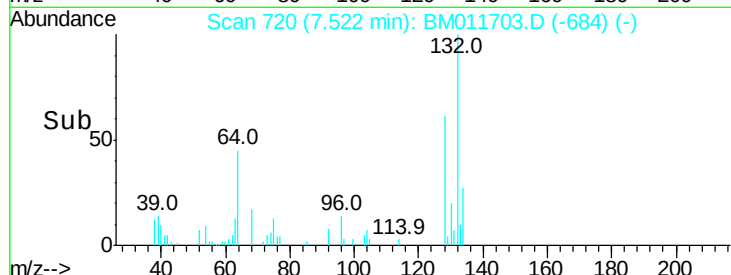
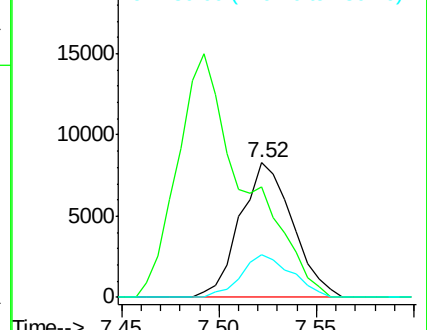
130 32.0 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 34.760 ng/ul

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM011703.D

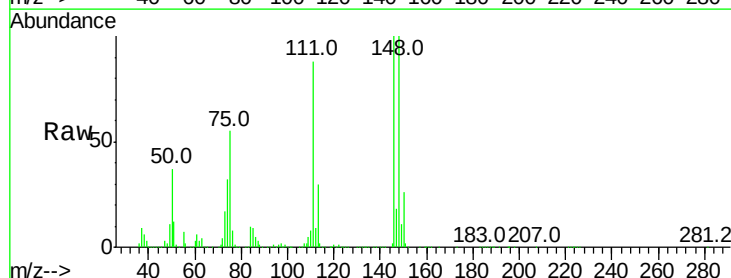
Acq: 23 Sep 2017 13:40

Tgt Ion:108 Resp: 521244

Ion Ratio Lower Upper

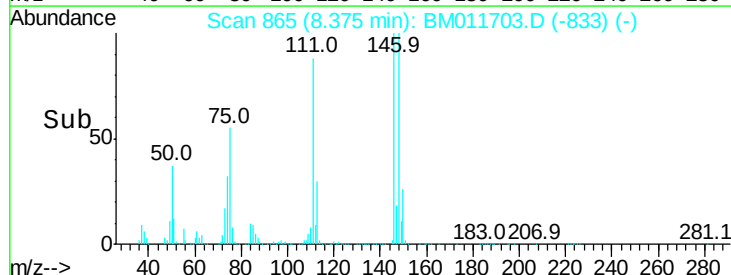
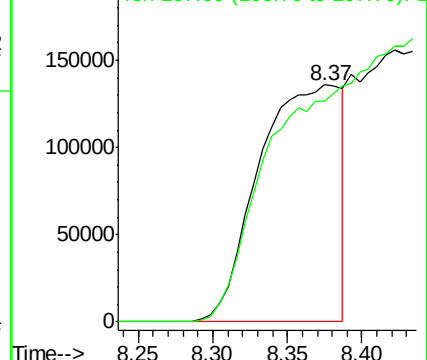
108 100

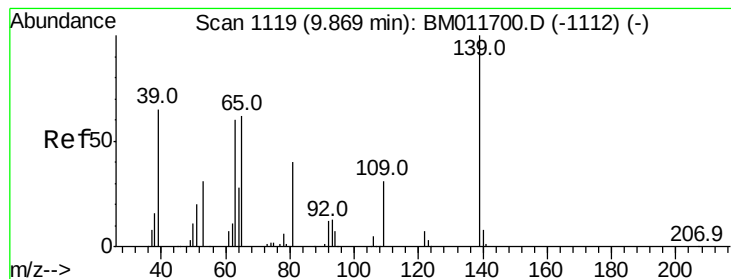
107 93.1 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#23

2-Nitrophenol

Concen: 2.405 ng/ul

RT: 9.87 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BM011703.D

Acq: 23 Sep 2017 13:40

Instrument :

BNA_M

ClientSampleId :

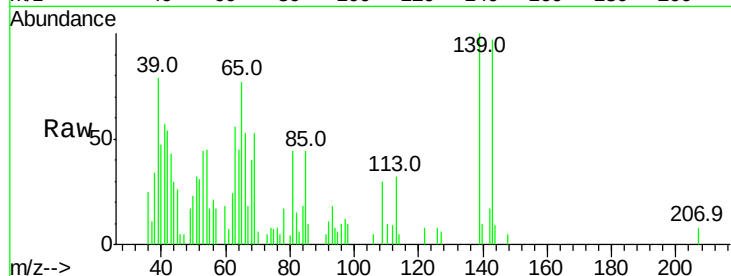
Tot Ion:139 Resp: 14635

Ion Ratio Lower Upper

139 100

65 76.7 45.3 67.9#

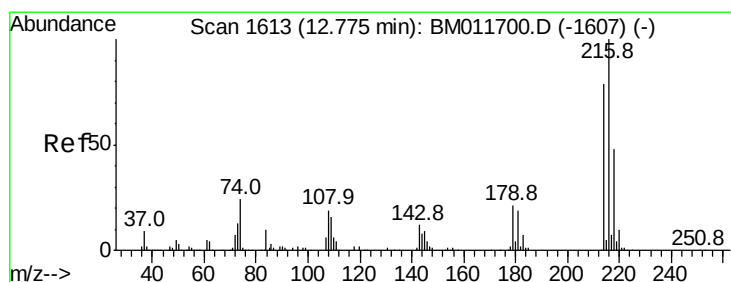
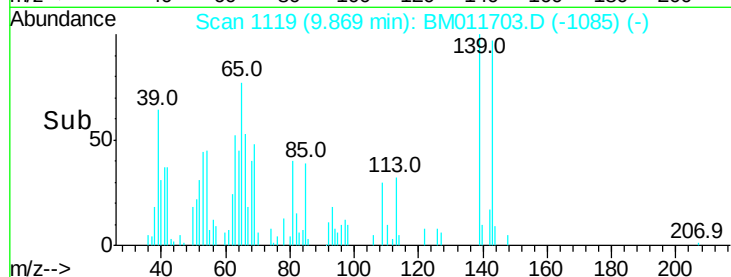
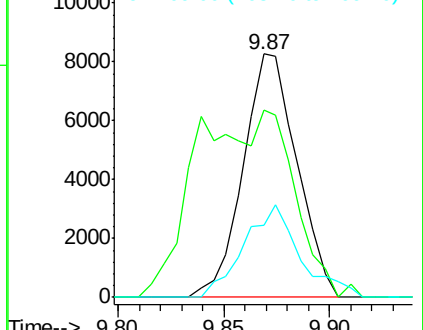
109 29.8 27.7 41.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 23.335 ng/ul

RT: 12.78 min Scan# 1614

Delta R.T. 0.01 min

Lab File: BM011703.D

Acq: 23 Sep 2017 13:40

Tgt Ion:216 Resp: 265577

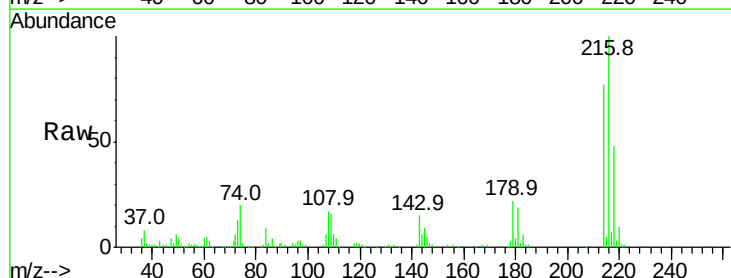
Ion Ratio Lower Upper

216 100

214 77.3 64.1 96.1

179 21.9 14.5 21.7#

108 17.3 10.4 15.6#

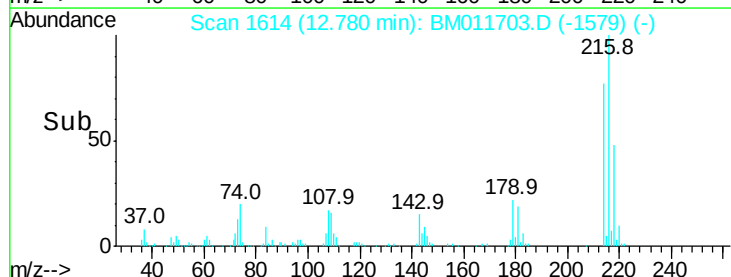
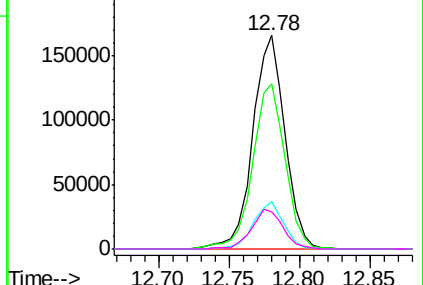


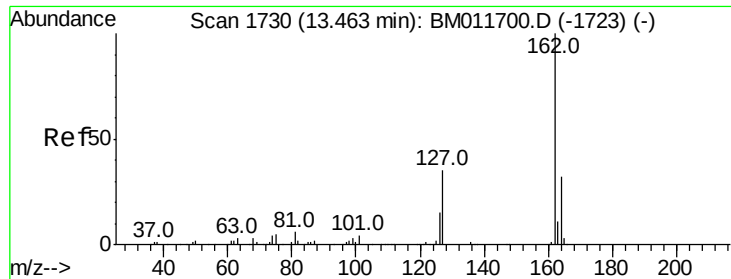
Abundance Ion 216.00 (215.70 to 216.70): E

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

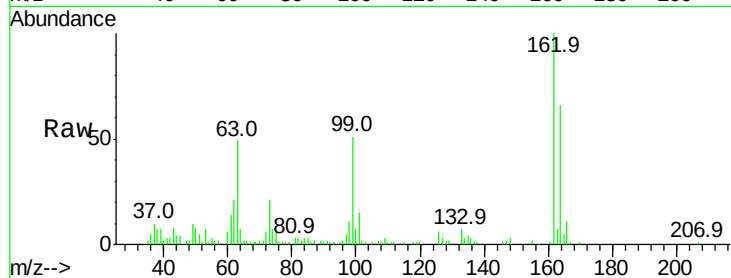




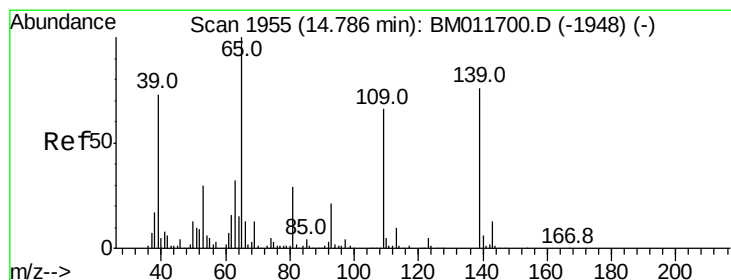
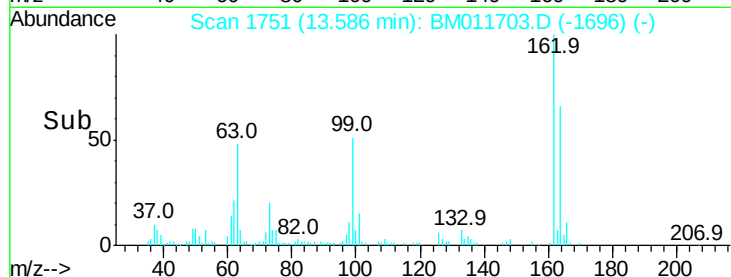
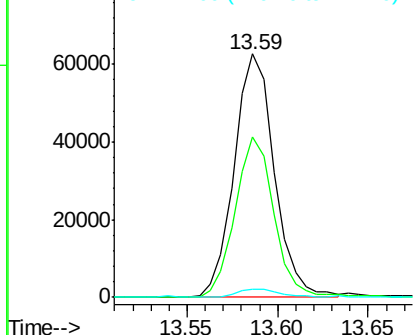
#42
 2-Chloronaphthalene
 Concen: 4.022 ng/ul
 RT: 13.59 min Scan# 1751
 Delta R.T. 0.12 min
 Lab File: BM011703.D
 Acq: 23 Sep 2017 13:40

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:162 Resp: 96624
 Ion Ratio Lower Upper
 162 100
 164 66.1 26.2 39.4#
 127 3.3 29.5 44.3#

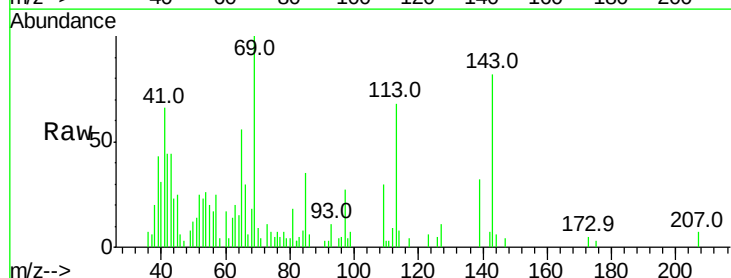


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

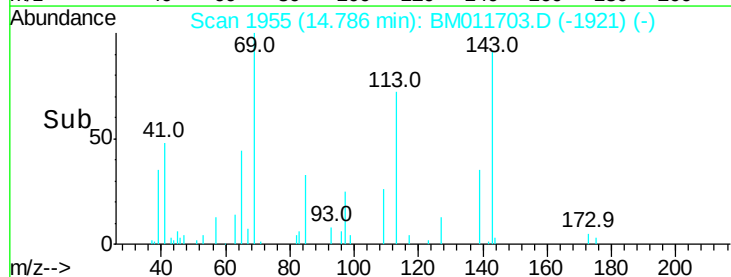
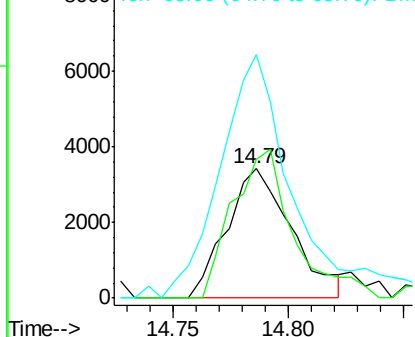


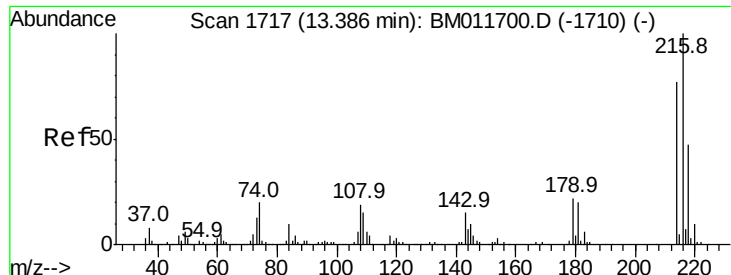
#53
 4-Nitrophenol
 Concen: 1.706 ng/ul
 RT: 14.79 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BM011703.D
 Acq: 23 Sep 2017 13:40

Tgt Ion:109 Resp: 6683
 Ion Ratio Lower Upper
 109 100
 139 107.5 91.2 136.8
 65 188.6 92.6 139.0#



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): BM

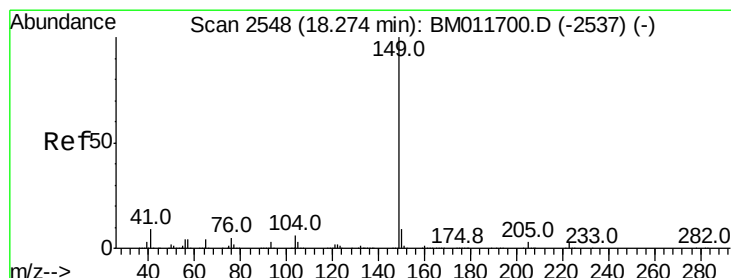
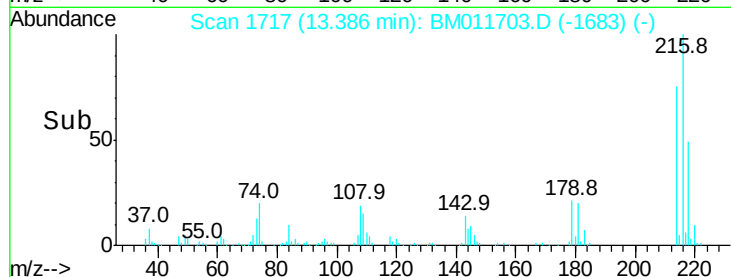
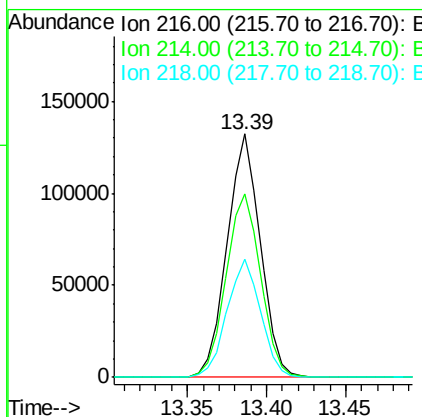
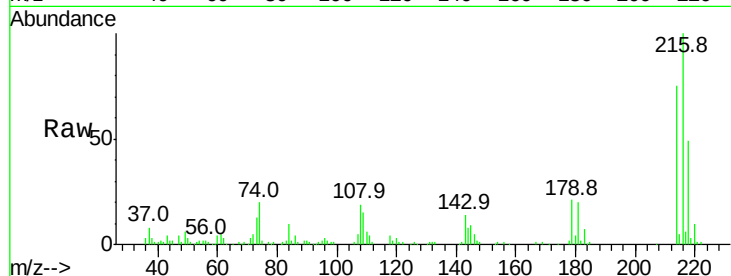




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 17.017 ng/uL
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BM011703.D
 Acq: 23 Sep 2017 13:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	75.4	64.1	96.1
218	48.5	39.4	59.0



#76
 Di-n-butylphthalate
 Concen: 1.557 ng/uL
 RT: 18.27 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BM011703.D
 Acq: 23 Sep 2017 13:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	6.8	4.1	6.1

