

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
 Data File : BM014697.D
 Acq On : 13 Apr 2018 11:55
 Operator : SJ/JU
 Sample : J2313-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 13 23:55:33 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 13 23:54:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	441933	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1801965	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	900389	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	1749786	20.00	ng/ul	0.00
77) Chrysene-d12	21.96	240	1526926	20.00	ng/ul	0.00
85) Perylene-d12	24.47	264	1539459	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	59580	6.49	ng/uL	0.00
5) Phenol-d5	7.69	99	227040	6.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	689101	31.08	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	726093	24.97	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	440351	15.29	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	427185	36.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.48	143	423200	40.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	767398	28.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	41426	1.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	2201648	30.95	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2977528	32.95	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	62369	5.40	ng/ul	0.00
57) Fluorene-d10	16.14	176	1887295	30.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	250376	33.52	ng/ul	0.00
70) Anthracene-d10	17.98	188	2662096	32.30	ng/ul	0.00
78) Pyrene-d10	20.21	212	2599940	33.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	2368820	31.34	ng/ul	0.00

Target Compounds

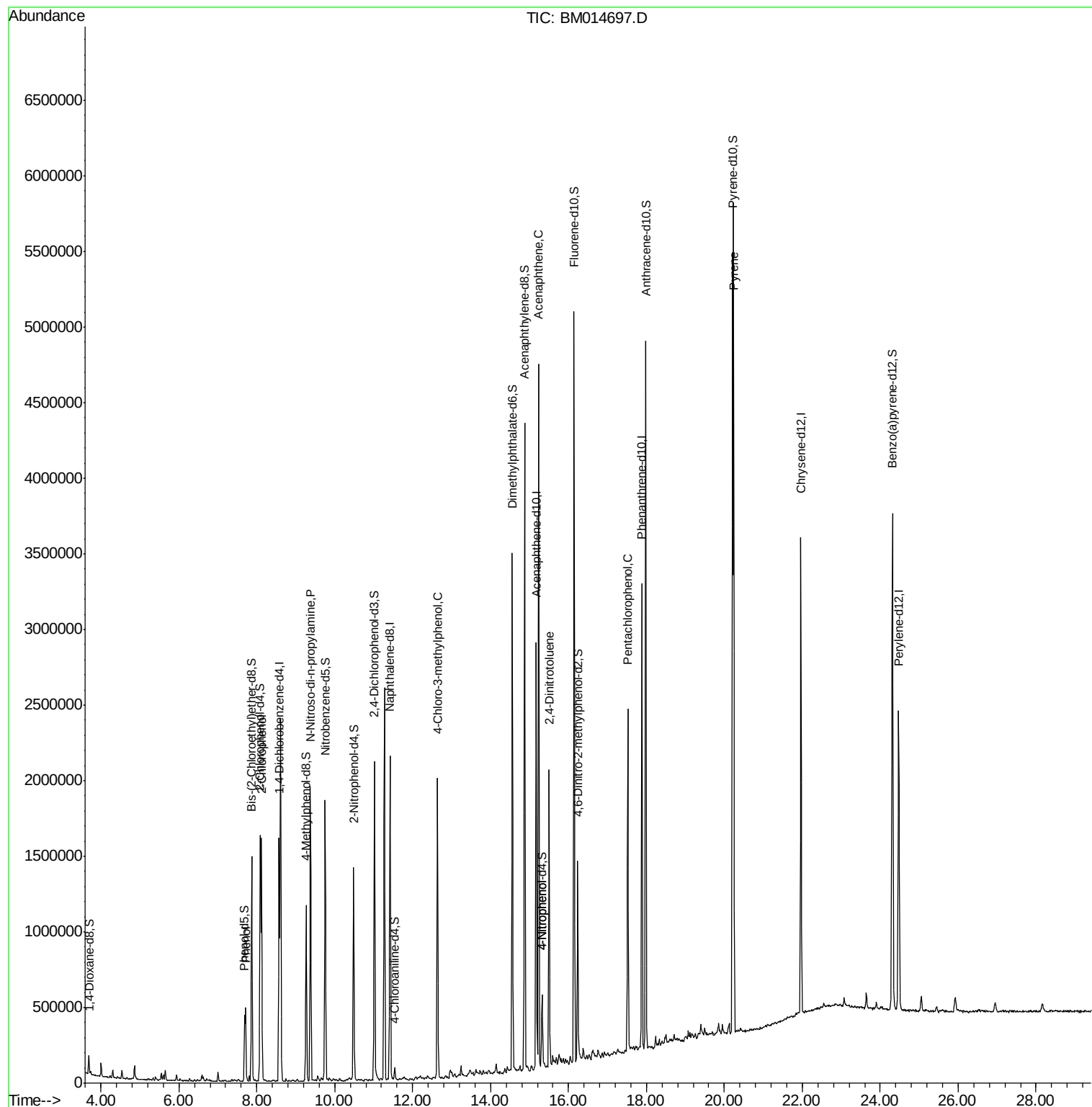
					Ovalue	
6) Phenol	7.71	94	239000	6.944	ng/ul#	92
10) 2-Chlorophenol	8.12	128	687995	23.960	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.38	70	654632	28.729	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.63	107	635086	23.915	ng/ul	94
49) Acenaphthene	15.23	153	1823495	30.474	ng/ul	98
52) 4-Nitrophenol	15.33	109	54701	6.233	ng/ul#	88
54) 2,4-Dinitrotoluene	15.50	165	516104	32.293	ng/ul	90
68) Pentachlorophenol	17.52	266	405131	35.145	ng/ul	98
79) Pvrene	20.24	202	3093152	32.424	ng/ul	98

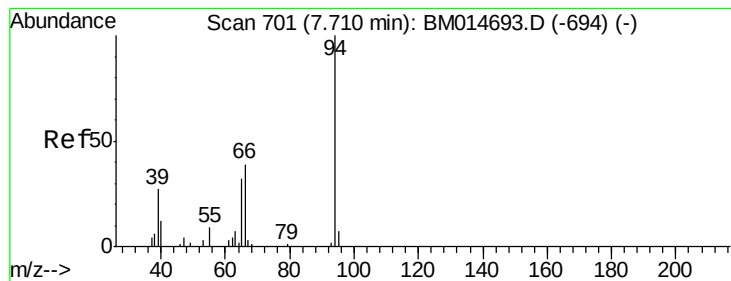
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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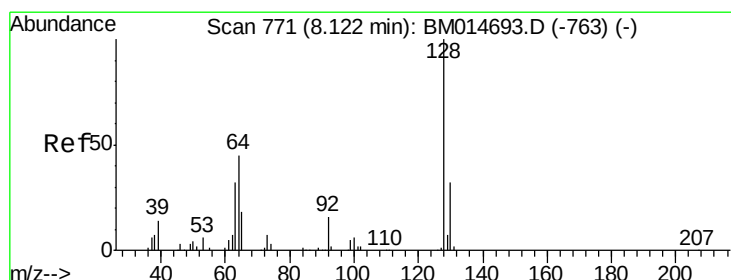
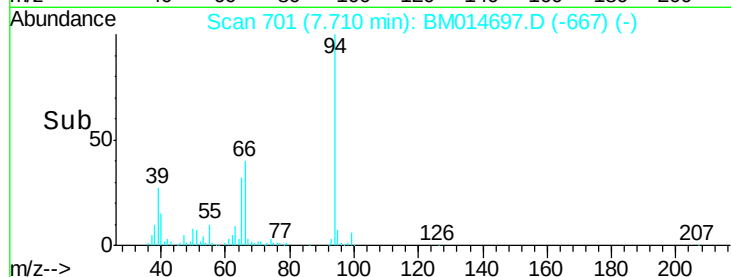
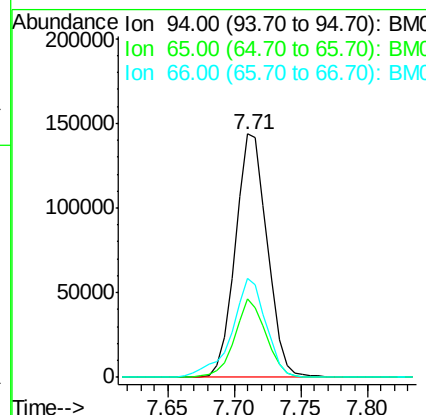
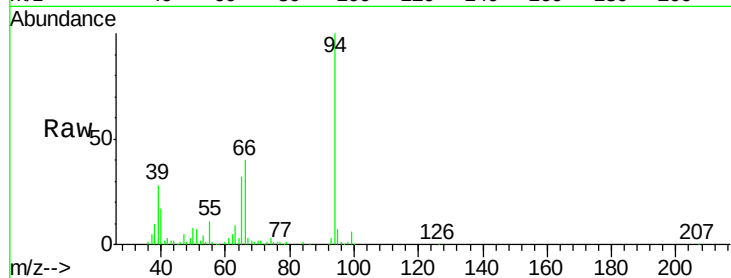
#6

Phenol

Concen: 6.944 ng/ul
 RT: 7.71 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BM014697.D
 Acq: 13 Apr 2018 11:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 239000
 Ion Ratio Lower Upper
 94 100
 65 32.1 21.0 31.6#
 66 40.5 29.3 43.9

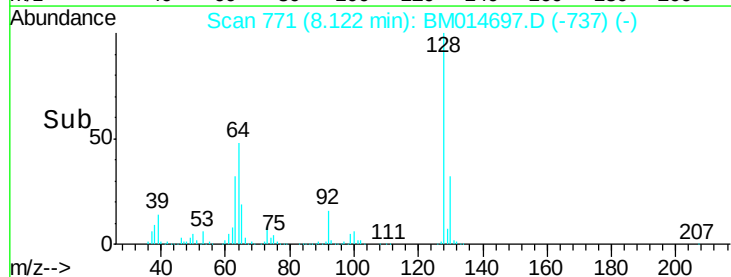
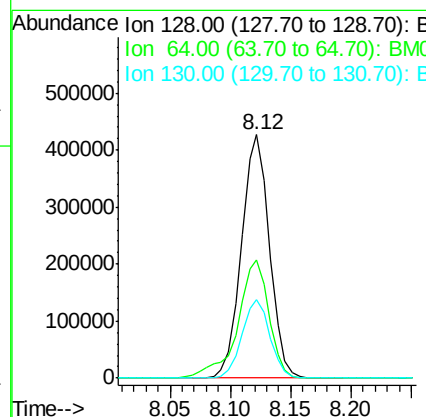
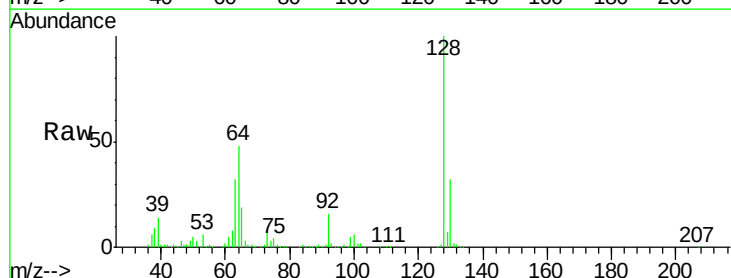


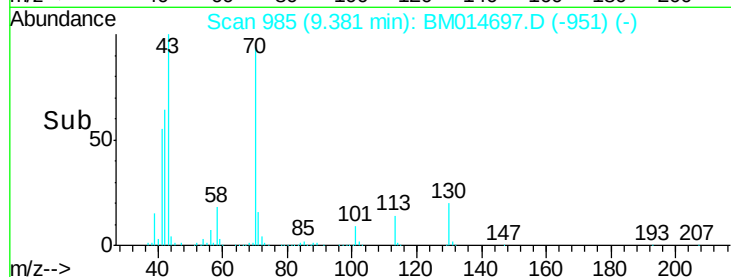
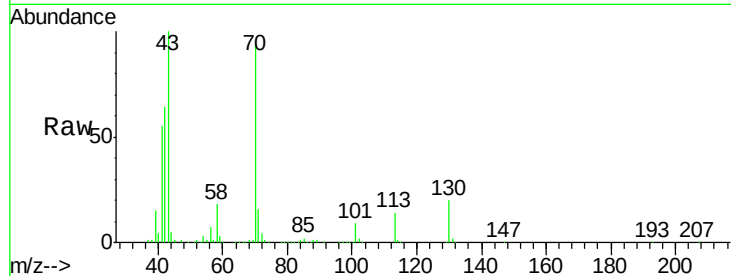
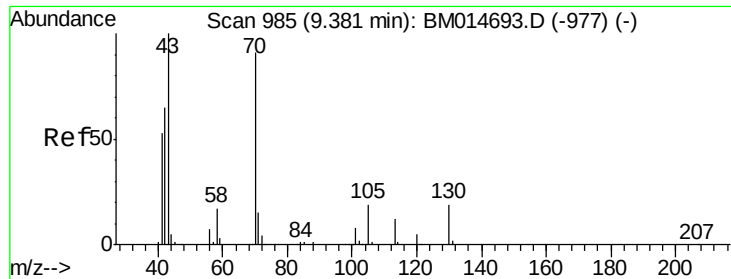
#10

2-Chlorophenol

Concen: 23.960 ng/ul
 RT: 8.12 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BM014697.D
 Acq: 13 Apr 2018 11:55

Tgt Ion: 128 Resp: 687995
 Ion Ratio Lower Upper
 128 100
 64 48.5 31.9 47.9#
 130 32.1 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 28.729 ng/ul

RT: 9.38 min Scan# 985

Delta R.T. -0.00 min

Lab File: BM014697.D

Acq: 13 Apr 2018 11:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 654632

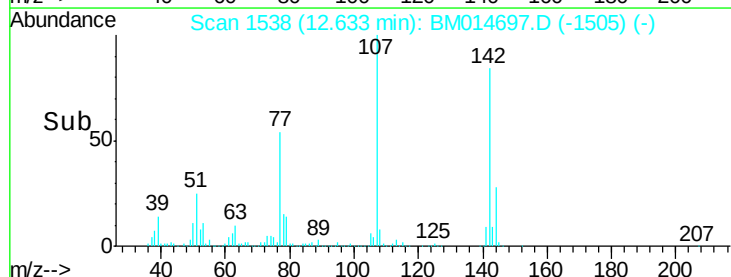
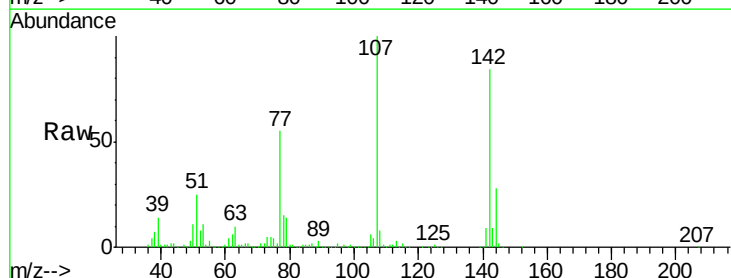
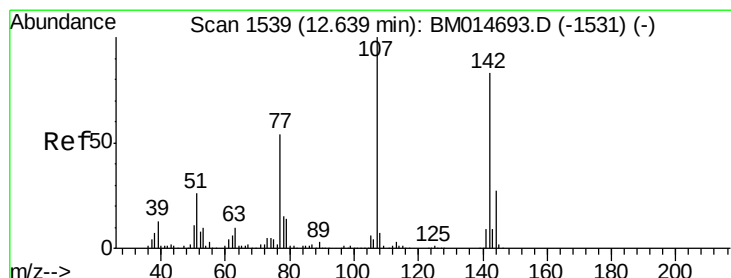
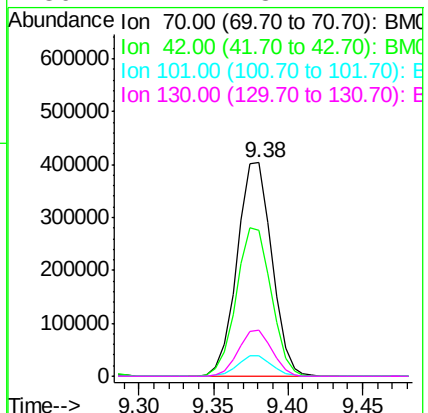
Ion Ratio Lower Upper

70 100

42 68.3 35.4 53.0#

101 9.8 8.4 12.6

130 21.4 18.2 27.4



#33

4-Chloro-3-methylphenol

Concen: 23.915 ng/ul

RT: 12.63 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM014697.D

Acq: 13 Apr 2018 11:55

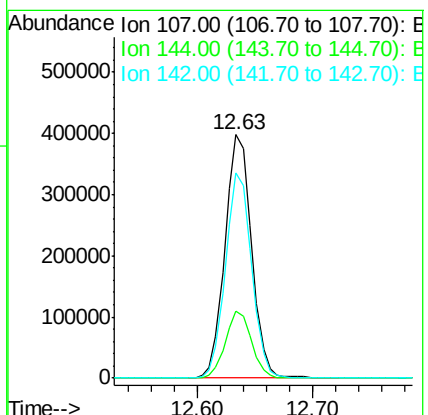
Tgt Ion:107 Resp: 635086

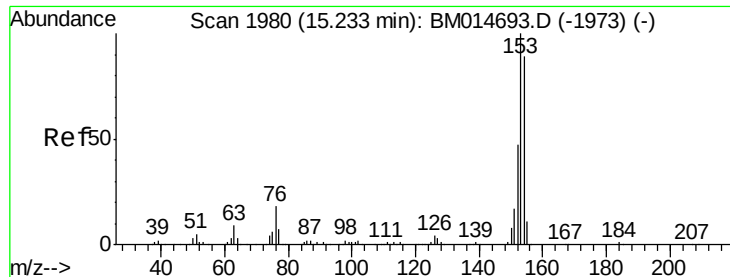
Ion Ratio Lower Upper

107 100

144 27.7 20.4 30.6

142 84.3 62.5 93.7





#49

Acenaphthene

Concen: 30.474 ng/ul

RT: 15.23 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM014697.D

Acq: 13 Apr 2018 11:55

Instrument :

BNA_M

ClientSampleId :

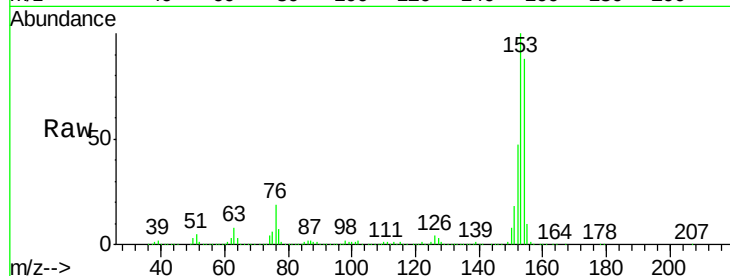
Tot Ion:153 Resp: 1823495

Ion Ratio Lower Upper

153 100

152 46.9 38.3 57.5

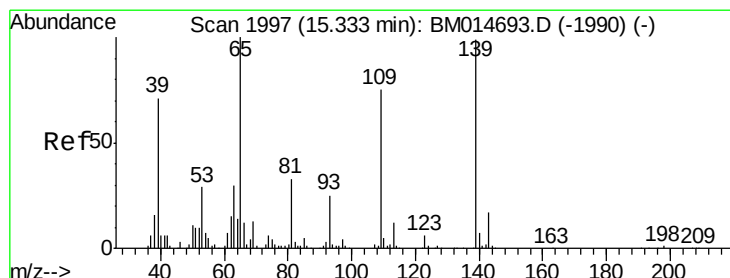
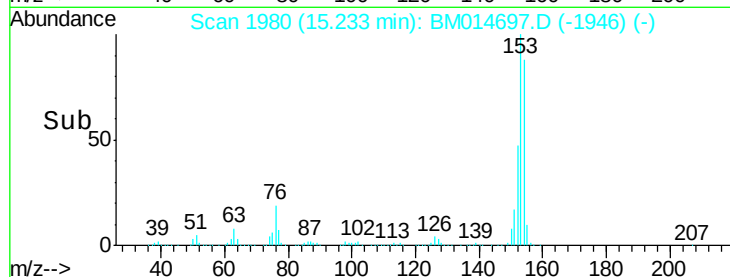
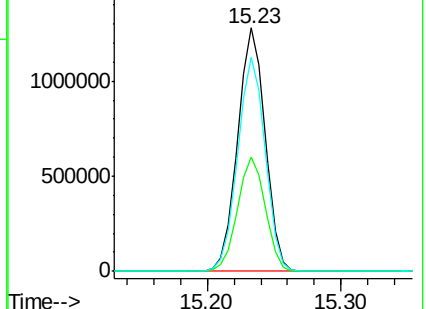
154 87.9 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 6.233 ng/ul

RT: 15.33 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BM014697.D

Acq: 13 Apr 2018 11:55

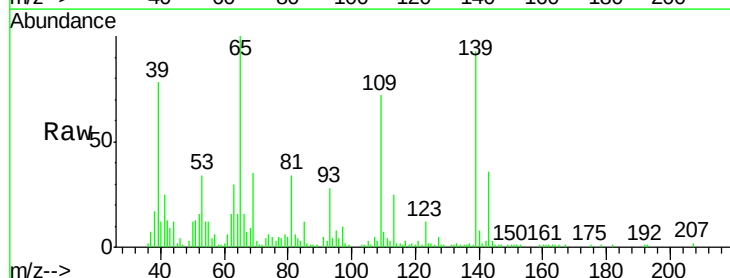
Tgt Ion:109 Resp: 54701

Ion Ratio Lower Upper

109 100

139 128.9 103.7 155.5

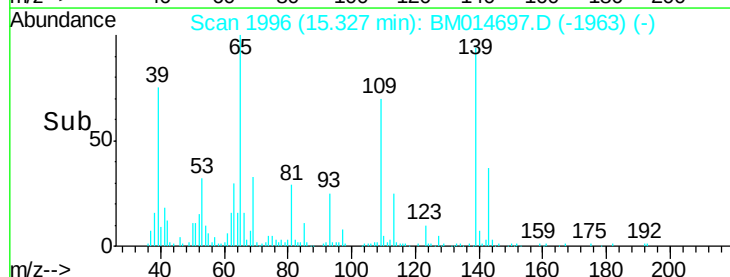
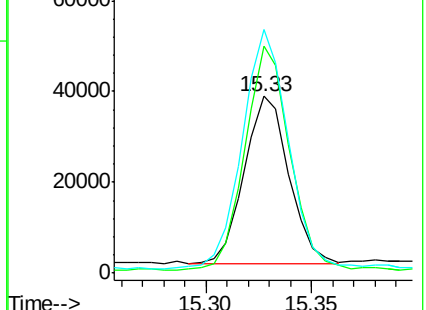
65 138.0 89.4 134.2#

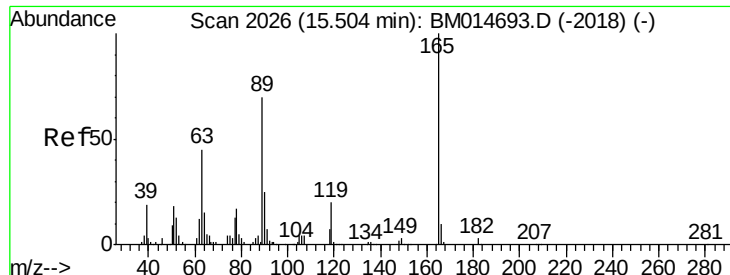


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

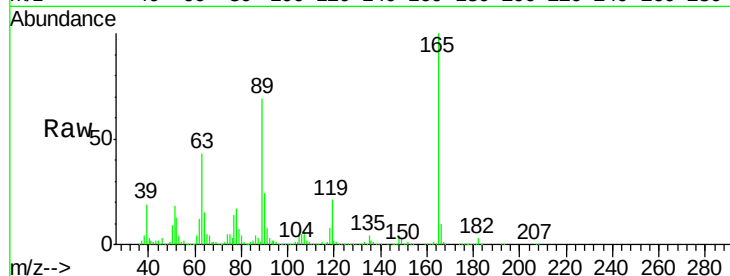




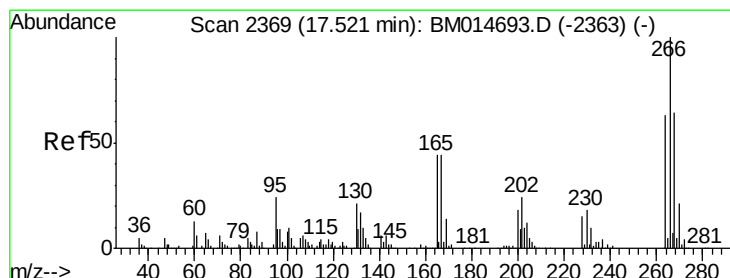
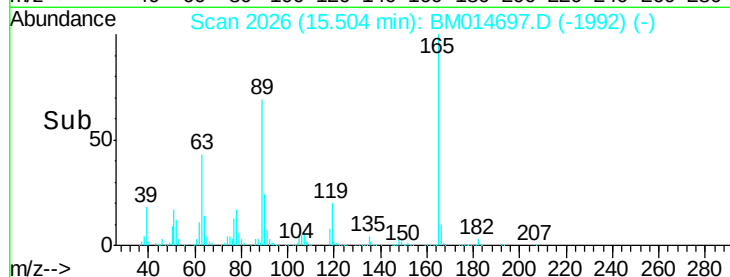
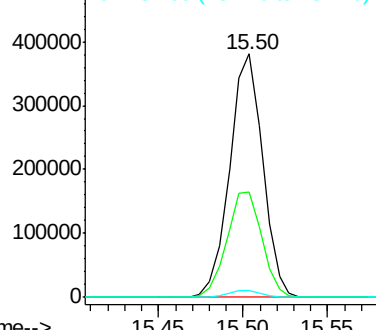
#54
2,4-Dinitrotoluene
Concen: 32.293 ng/ul
RT: 15.50 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	29.8	44.6
182	3.0	2.2	3.4

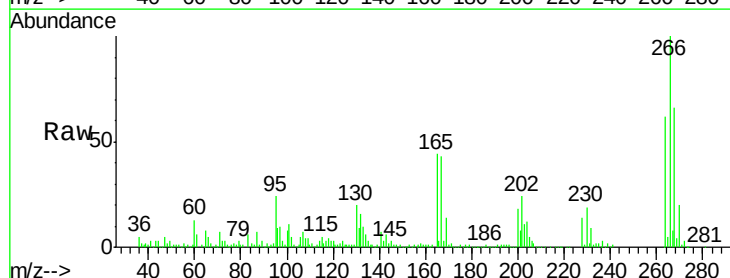


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 182.00 (181.70 to 182.70): E

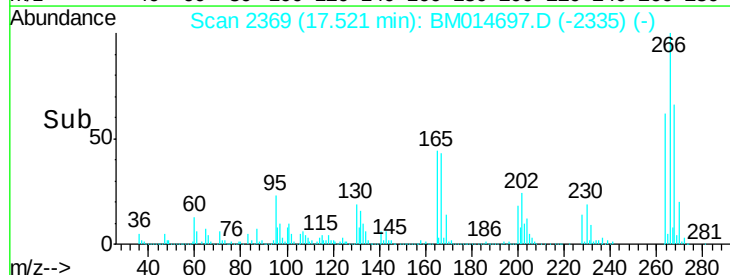
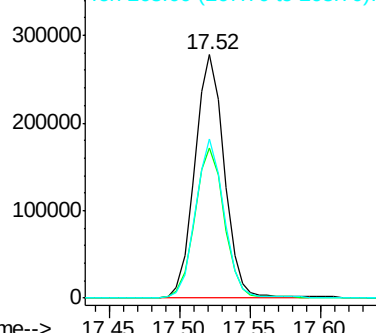


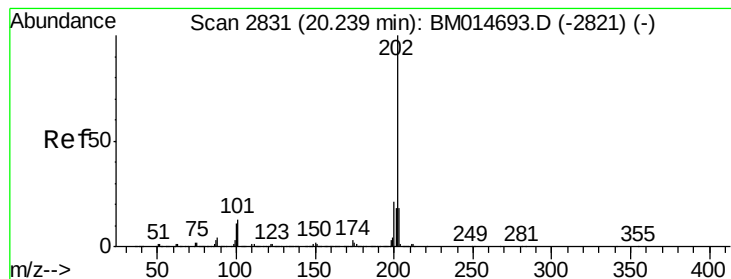
#68
Pentachlorophenol
Concen: 35.145 ng/ul
RT: 17.52 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.5	75.7
268	65.5	50.9	76.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#79

Pvrene

Concen: 32.424 ng/ul

RT: 20.24 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BM014697.D

Acq: 13 Apr 2018 11:55

Instrument :

BNA_M

ClientSampleId :

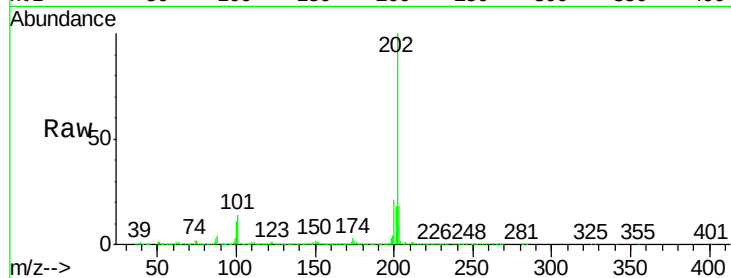
Tot Ion:202 Resp: 3093152

Ion Ratio Lower Upper

202 100

101 13.8 10.2 15.2

100 11.4 8.5 12.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

