

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
 Data File : BM014696.D
 Acq On : 13 Apr 2018 11:18
 Operator : SJ/JU
 Sample : J2313-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1A30MS

Quant Time: Apr 13 23:55:18 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	440367	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1907769	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	1049942	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2224340	20.00	ng/ul	0.00
77) Chrysene-d12	21.96	240	1948444	20.00	ng/ul	0.00
85) Perylene-d12	24.47	264	1772409	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.69	96	60115	6.57	ng/uL	0.00
5) Phenol-d5	7.69	99	254062	7.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	719427	32.57	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	769923	26.57	ng/ul	0.00
13) 4-Methylphenol-d8	9.26	113	495731	17.28	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	458696	37.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.48	143	451195	40.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	866922	30.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	66953	2.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	2819764	33.99	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	3613405	34.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	95835	7.12	ng/ul	0.00
57) Fluorene-d10	16.14	176	2377275	33.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	347028	36.55	ng/ul	0.00
70) Anthracene-d10	17.98	188	3562239	34.00	ng/ul	0.00
78) Pyrene-d10	20.21	212	3609617	36.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.32	264	2918877	33.54	ng/ul	0.00

Target Compounds

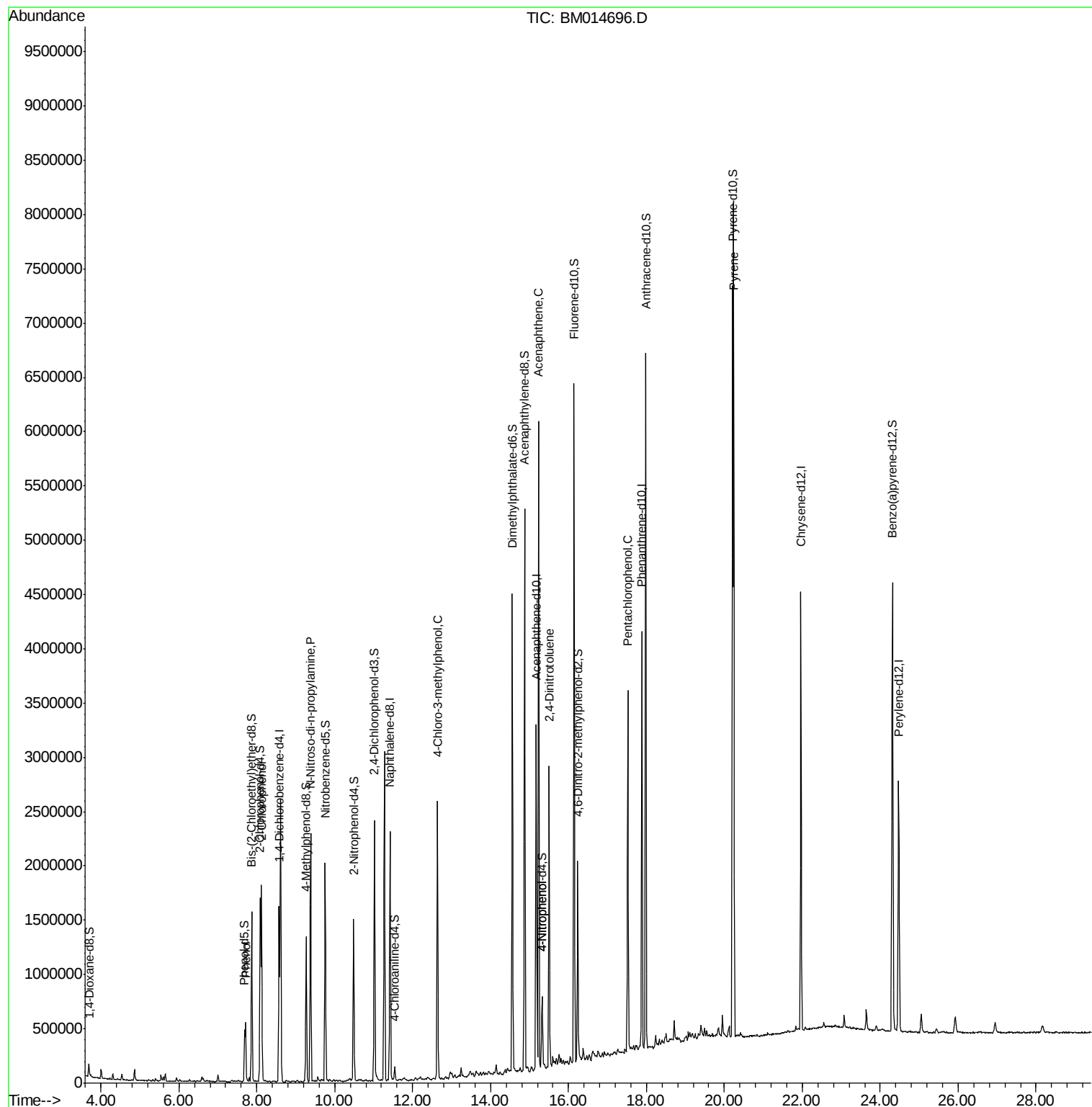
					Ovalue	
6) Phenol	7.71	94	269605	7.861	ng/ul	95
10) 2-Chlorophenol	8.12	128	761282	26.606	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.38	70	761000	33.516	ng/ul#	76
33) 4-Chloro-3-methylphenol	12.63	107	815156	28.993	ng/ul	95
49) Acenaphthene	15.23	153	2340183	33.538	ng/ul	99
52) 4-Nitrophenol	15.33	109	77152	7.539	ng/ul#	86
54) 2,4-Dinitrotoluene	15.50	165	719780	38.622	ng/ul	90
68) Pentachlorophenol	17.52	266	584320	39.876	ng/ul	99
79) Pvrene	20.24	202	4530566	37.217	ng/ul	98

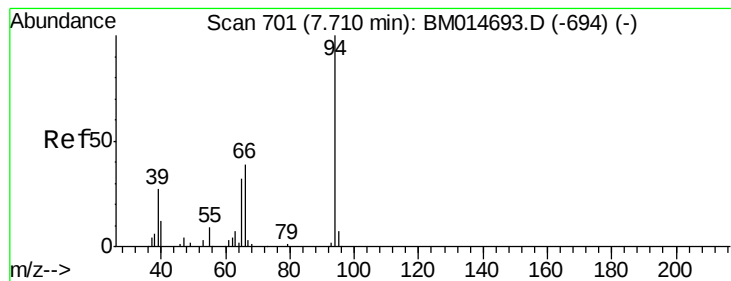
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 7.861 ng/ul

RT: 7.71 min Scan# 701

Delta R.T. 0.00 min

Lab File: BM014696.D

Acq: 13 Apr 2018 11:18

Instrument :

BNA_M

ClientSampled :

F1A30MS

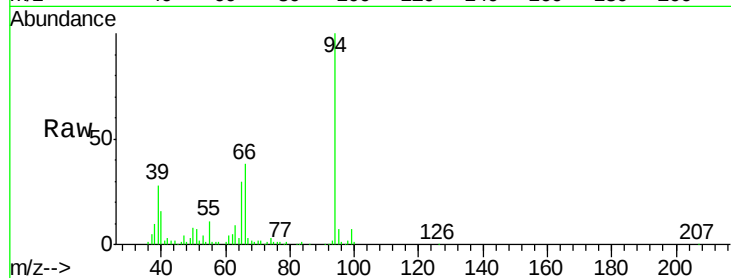
Tot Ion: 94 Resp: 269605

Ion Ratio Lower Upper

94 100

65 30.5 21.0 31.6

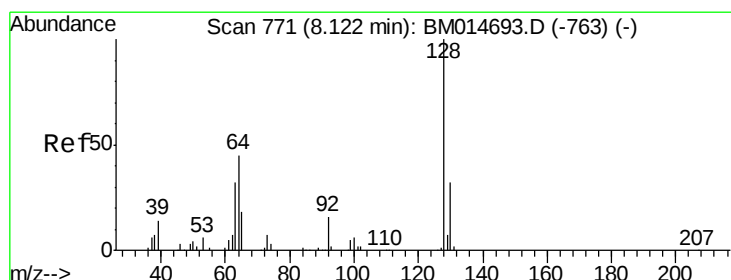
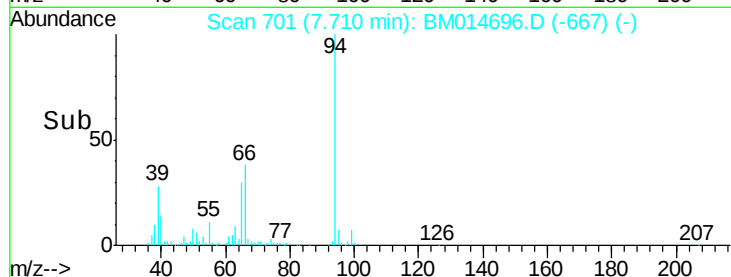
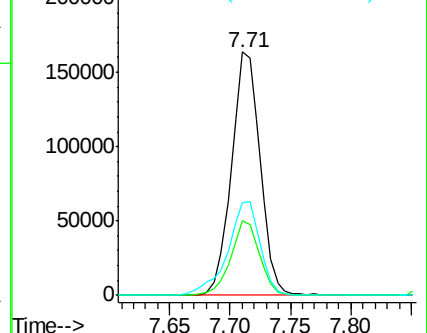
66 38.0 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM014696.D (-694) (-)

Ion 65.00 (64.70 to 65.70): BM014696.D (-694) (-)

Ion 66.00 (65.70 to 66.70): BM014696.D (-694) (-)



#10

2-Chlorophenol

Concen: 26.606 ng/ul

RT: 8.12 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM014696.D

Acq: 13 Apr 2018 11:18

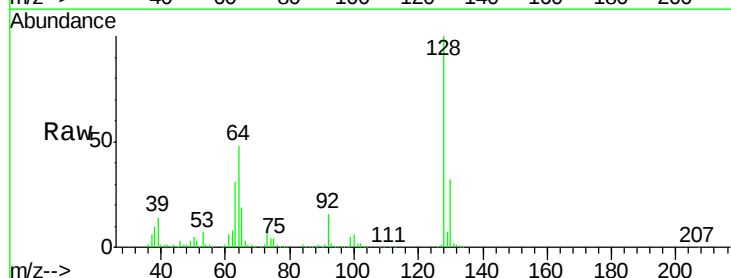
Tgt Ion: 128 Resp: 761282

Ion Ratio Lower Upper

128 100

64 48.3 31.9 47.9#

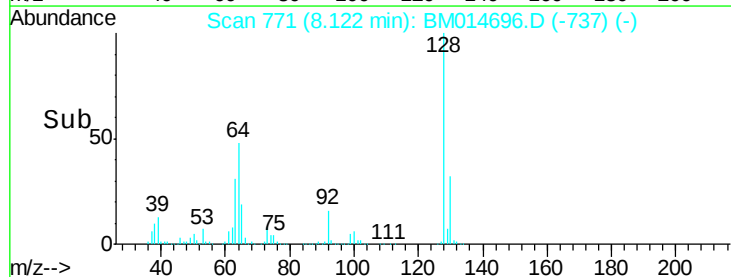
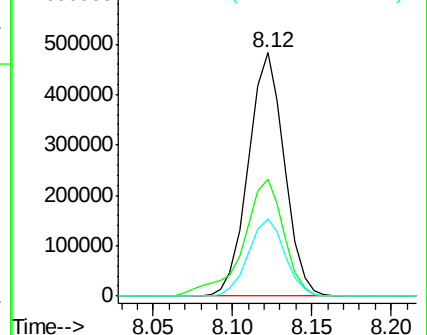
130 31.8 25.6 38.4

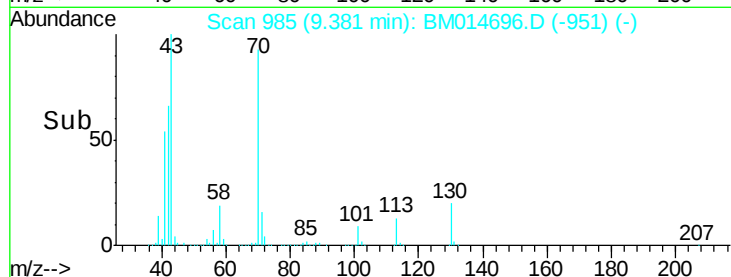
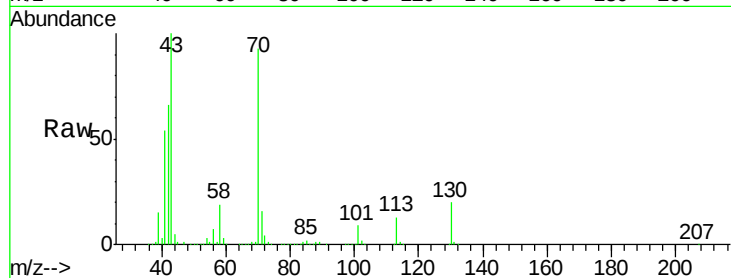
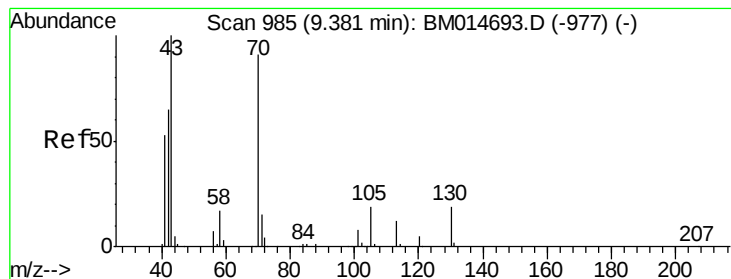


Abundance Ion 128.00 (127.70 to 128.70): BM014696.D (-763) (-)

Ion 64.00 (63.70 to 64.70): BM014696.D (-763) (-)

Ion 130.00 (129.70 to 130.70): BM014696.D (-763) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 33.516 ng/ul

RT: 9.38 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM014696.D

Acq: 13 Apr 2018 11:18

Instrument :

BNA_M

ClientSampleId :

F1A30MS

Tot Ion: 70 Resp: 761000

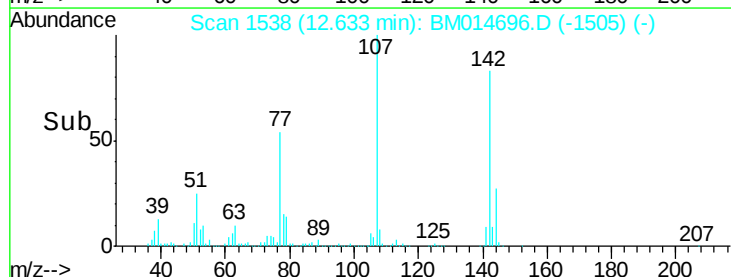
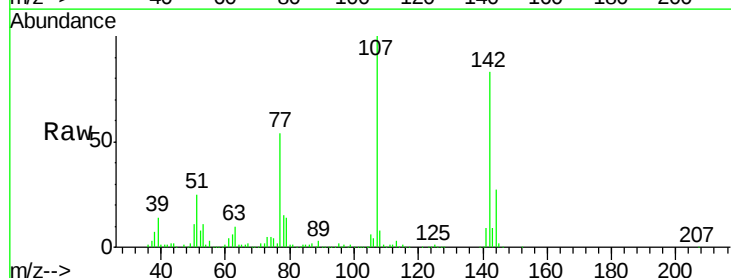
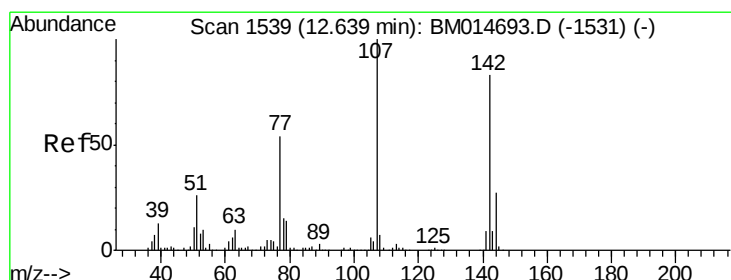
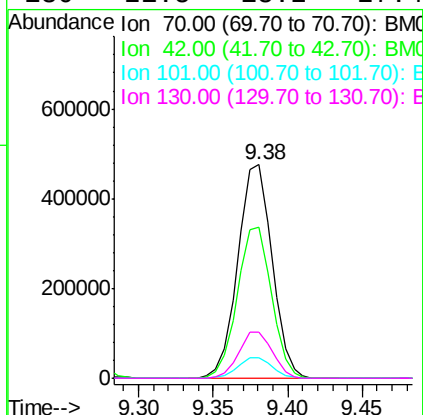
Ion Ratio Lower Upper

70 100

42 70.5 35.4 53.0#

101 9.8 8.4 12.6

130 21.5 18.2 27.4



#33

4-Chloro-3-methylphenol

Concen: 28.993 ng/ul

RT: 12.63 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM014696.D

Acq: 13 Apr 2018 11:18

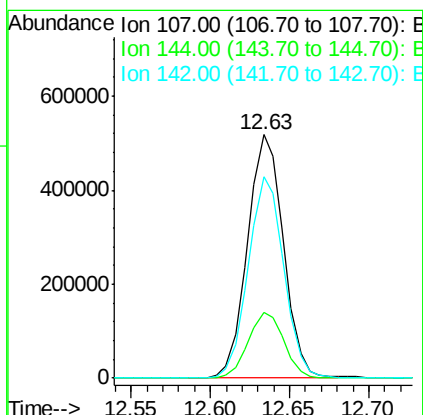
Tgt Ion:107 Resp: 815156

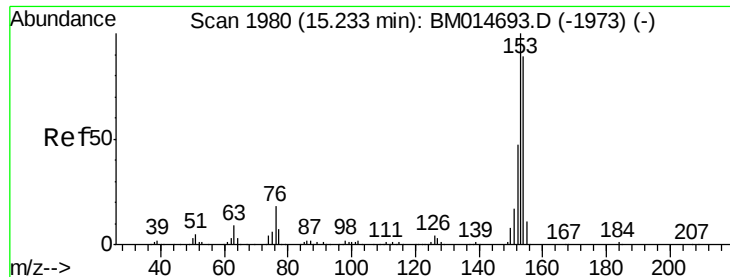
Ion Ratio Lower Upper

107 100

144 27.0 20.4 30.6

142 82.6 62.5 93.7





#49

Acenaphthene

Concen: 33.538 ng/ul

RT: 15.23 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM014696.D

Acq: 13 Apr 2018 11:18

Instrument :

BNA_M

ClientSampleId :

F1A30MS

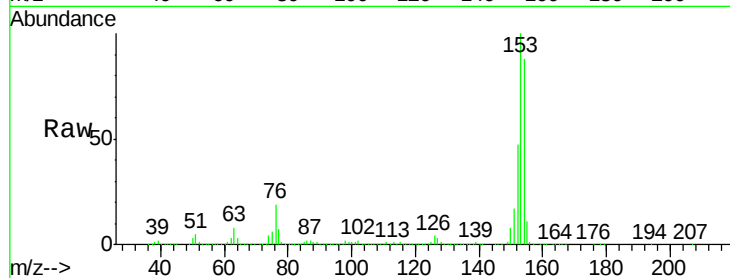
Tot Ion:153 Resp: 2340183

Ion Ratio Lower Upper

153 100

152 47.3 38.3 57.5

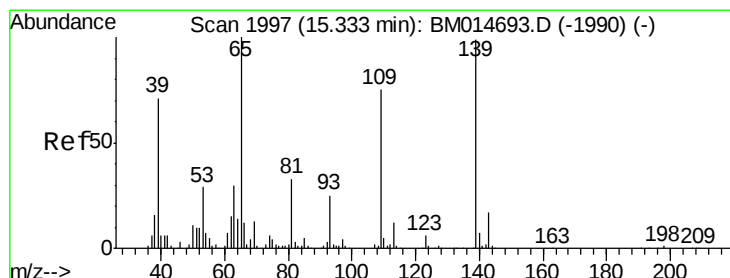
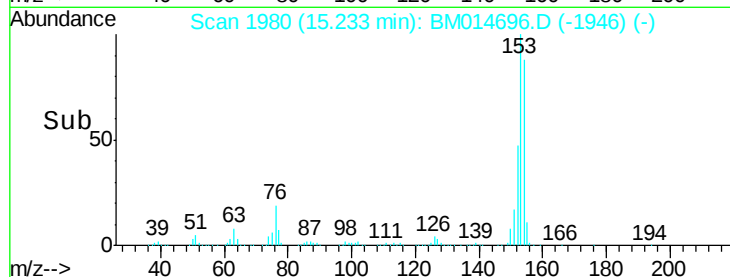
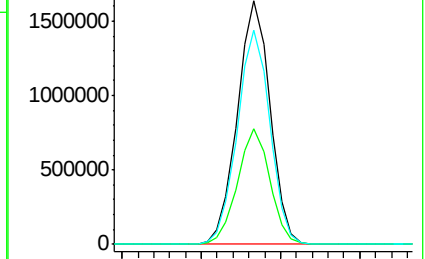
154 88.2 71.8 107.8



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: 7.539 ng/ul

RT: 15.33 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BM014696.D

Acq: 13 Apr 2018 11:18

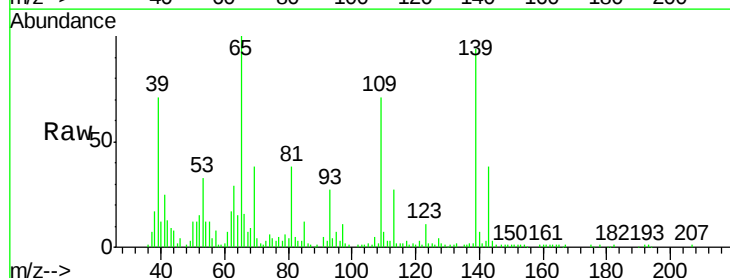
Tgt Ion:109 Resp: 77152

Ion Ratio Lower Upper

109 100

139 131.9 103.7 155.5

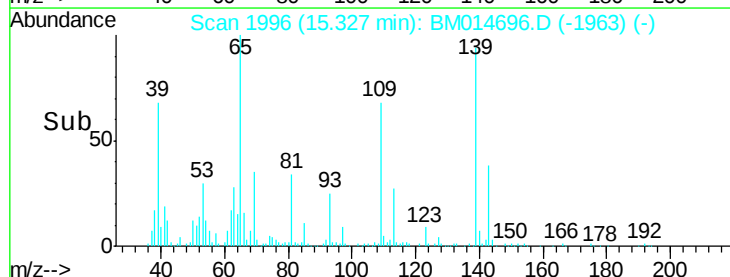
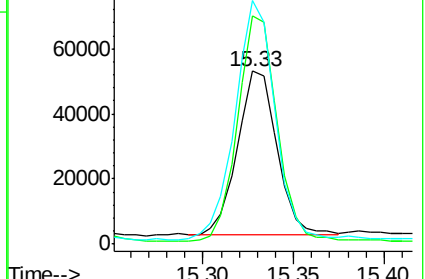
65 141.0 89.4 134.2#

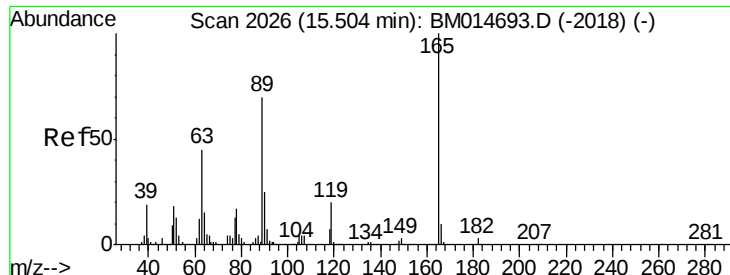


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

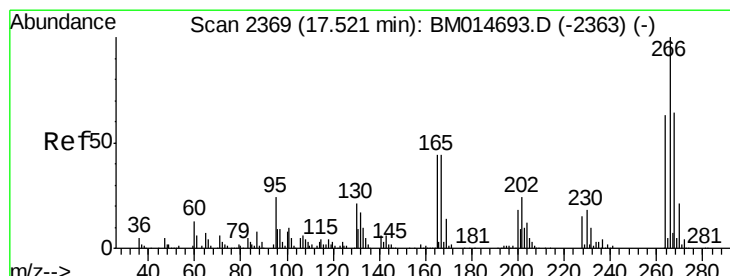
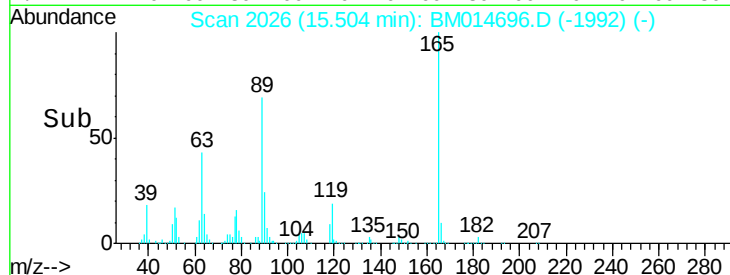
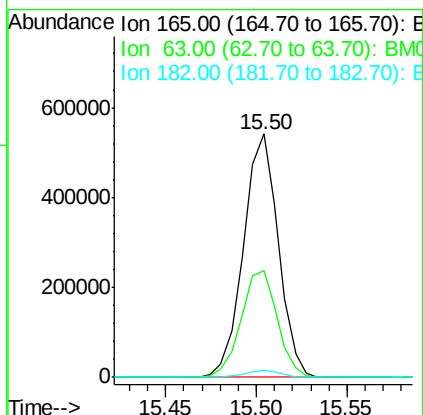
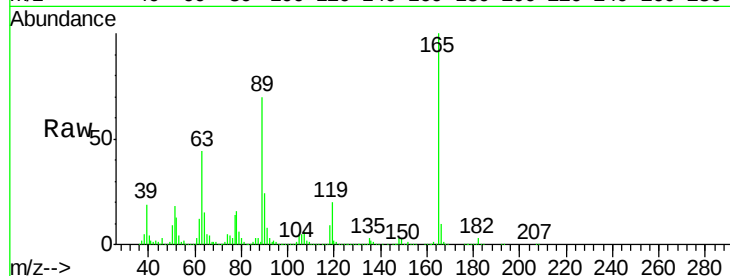




#54
 2,4-Dinitrotoluene
 Concen: 38.622 ng/ul
 RT: 15.50 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BM014696.D
 Acq: 13 Apr 2018 11:18

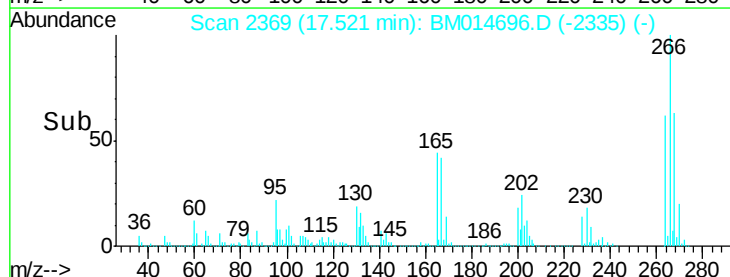
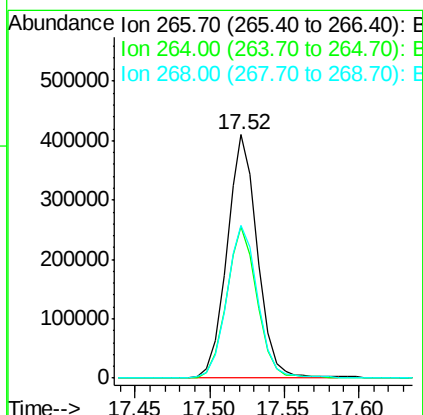
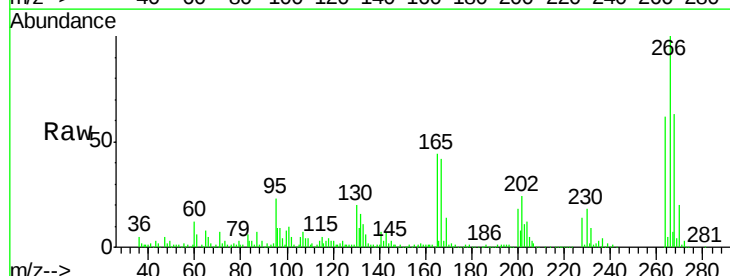
Instrument :
 BNA_M
 ClientSampleId :
 F1A30MS

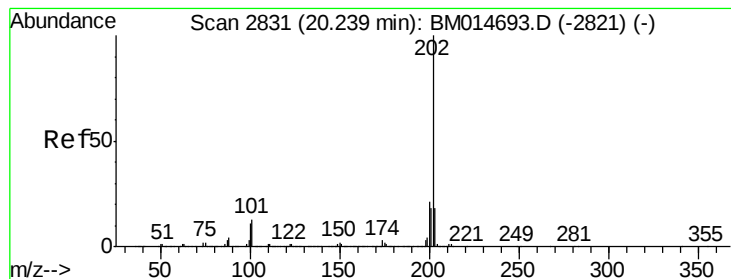
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	29.8	44.6
182	3.0	2.2	3.4



#68
 Pentachlorophenol
 Concen: 39.876 ng/ul
 RT: 17.52 min Scan# 2369
 Delta R.T. 0.00 min
 Lab File: BM014696.D
 Acq: 13 Apr 2018 11:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.5	75.7
268	62.5	50.9	76.3





#79
 Pvrene
 Concen: 37.217 ng/ul
 RT: 20.24 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BM014696.D
 Acq: 13 Apr 2018 11:18

Instrument :
 BNA_M
 ClientSampleId :
 F1A30MS

Tot Ion:202 Resp: 4530566

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.2	15.2
100	11.3	8.5	12.7

