

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101617\
 Data File : BM012239.D
 Acq On : 17 Oct 2017 05:22
 Operator : SJ/JU
 Sample : I5697-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 17 05:59:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 17 02:52:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	168753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	708726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	447231	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	981420	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	858748	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	875328	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	21241	5.98	ng/uL	0.00
5) Phenol-d5	6.97	99	486943	35.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	267473	32.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	449270	38.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	441681	37.47	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	225210	41.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	267398	42.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	512891	42.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	605724	53.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1653841	41.84	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	2017139	42.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	210502	35.42	ng/ul	0.00
57) Fluorene-d10	15.44	176	1401922	43.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	117679	17.47	ng/ul	0.01
70) Anthracene-d10	17.30	188	2118878	43.66	ng/ul	0.00
76) Pyrene-d10	19.60	212	2088401	47.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1835890	43.51	ng/ul	0.00

Target Compounds

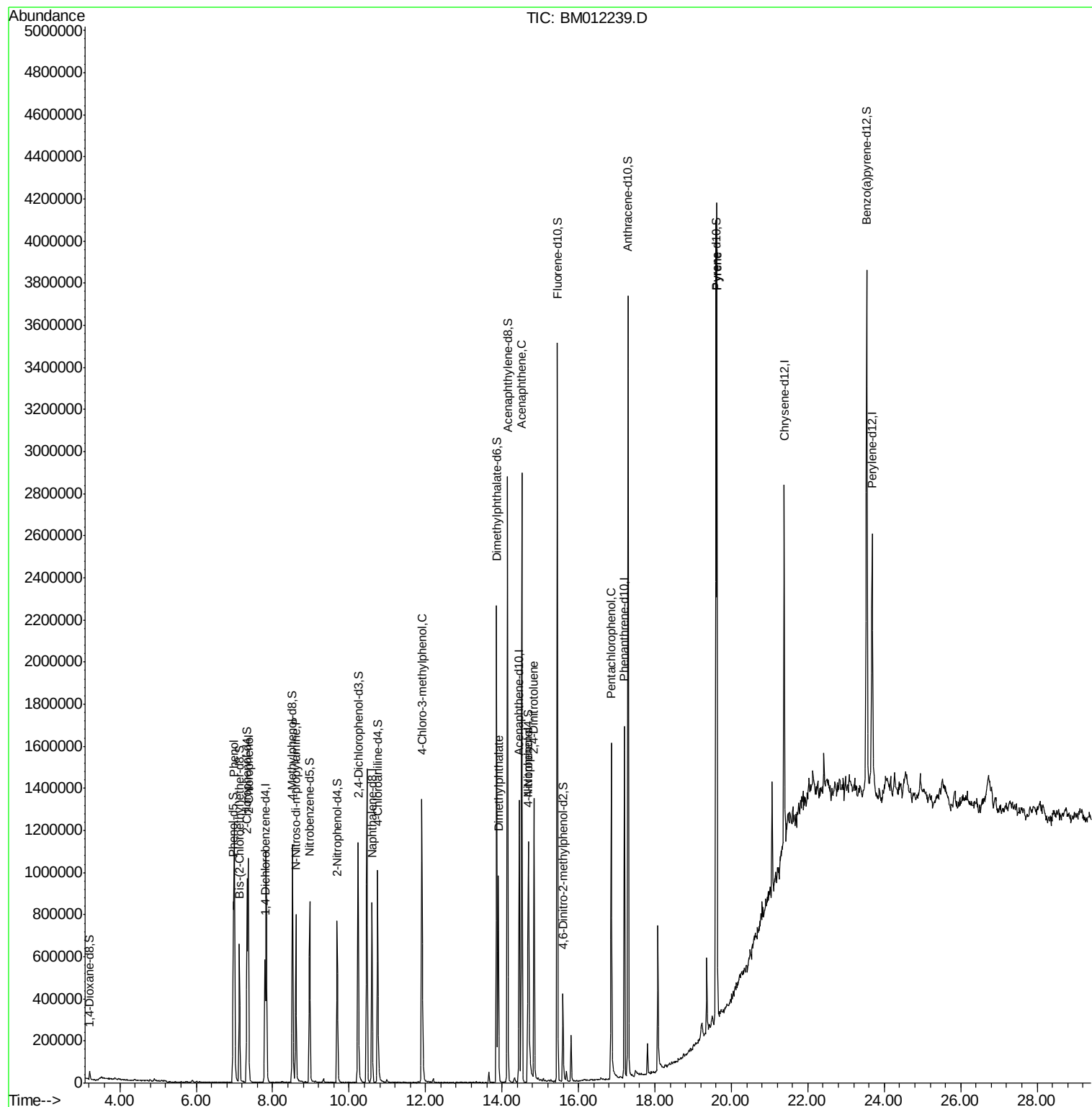
					Ovalue
6) Phenol	7.00	94	660359	46.655	ng/ul 99
10) 2-Chlorophenol	7.36	128	489614	41.306	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.61	70	299969	31.241	ng/ul 98
33) 4-Chloro-3-methylphenol	11.90	107	544574	43.732	ng/ul 98
44) Dimethylphthalate	13.90	163	646687	16.330	ng/ul 99
49) Acenaphthene	14.52	153	1183345	37.391	ng/ul 99
52) 4-Nitrophenol	14.70	109	207791	38.909	ng/ul 93
54) 2,4-Dinitrotoluene	14.84	165	433944	38.090	ng/ul# 82
68) Pentachlorophenol	16.86	266	319149	42.996	ng/ul 95
77) Pyrene	19.63	202	2344169	41.334	ng/ul 99

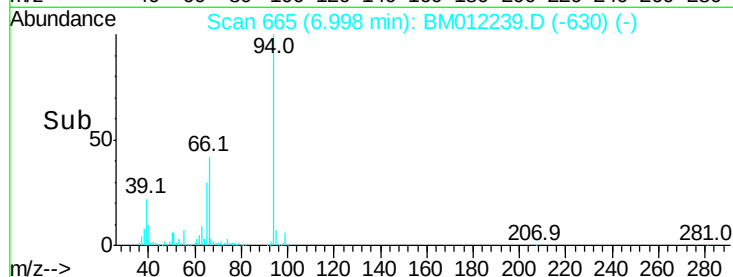
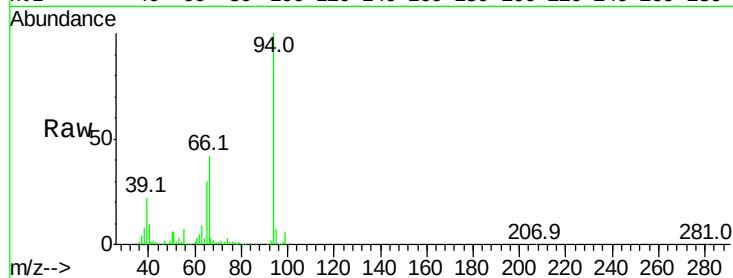
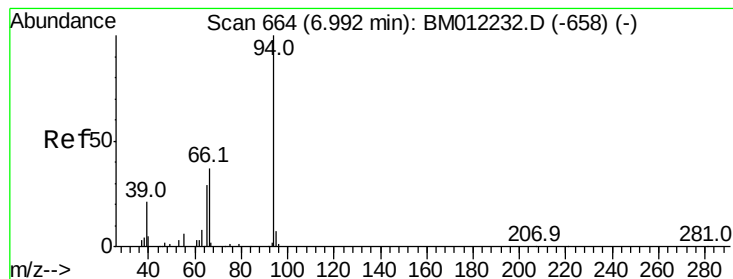
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101617\
Data File : BM012239.D
Acq On : 17 Oct 2017 05:22
Operator : SJ/JU
Sample : I5697-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 17 05:59:27 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 02:52:50 2017
Response via : Initial Calibration





#6

Phenol

Concen: 46.655 ng/ul

RT: 7.00 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM012239.D

Acq: 17 Oct 2017 05:22

Instrument :

BNA_M

ClientSampleId :

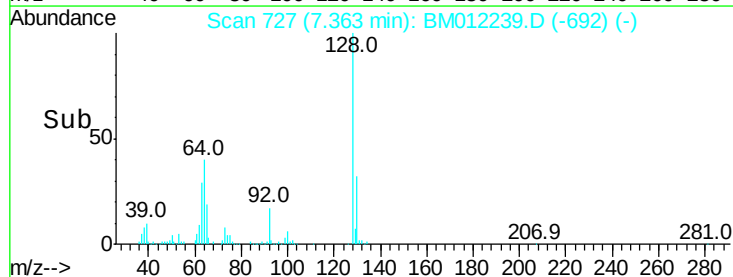
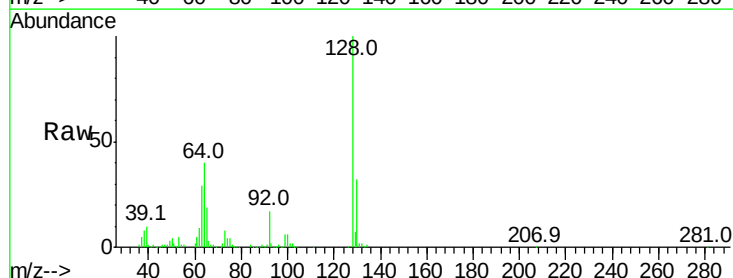
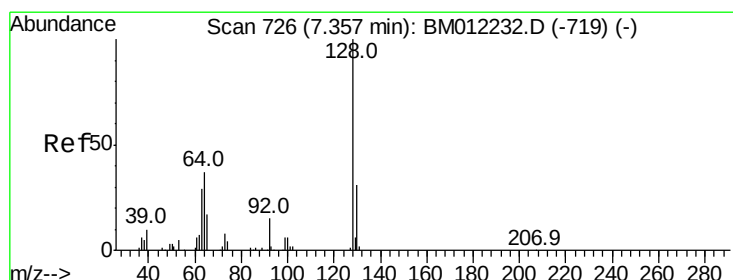
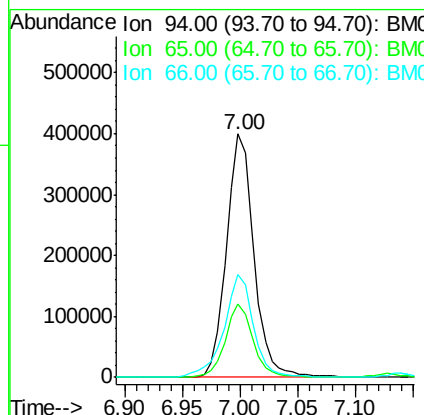
Tot Ion: 94 Resp: 660359

Ion Ratio Lower Upper

94 100

65 30.4 24.4 36.6

66 42.4 35.0 52.4



#10

2-Chlorophenol

Concen: 41.306 ng/ul

RT: 7.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BM012239.D

Acq: 17 Oct 2017 05:22

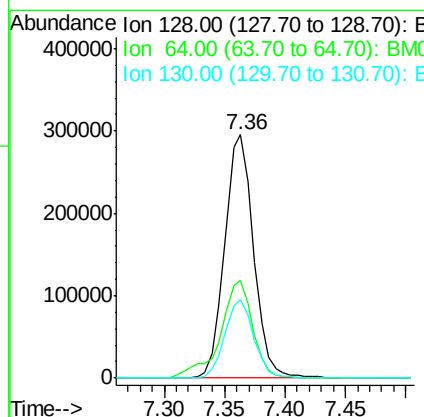
Tgt Ion: 128 Resp: 489614

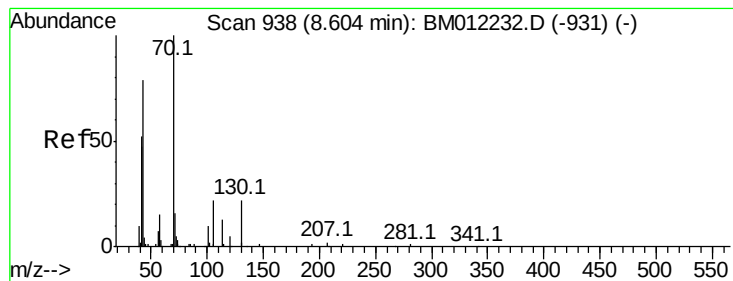
Ion Ratio Lower Upper

128 100

64 39.9 32.7 49.1

130 32.5 26.2 39.4





#15

N-Nitroso-di-n-propylamine

Concen: 31.241 ng/ul

RT: 8.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BM012239.D

Acq: 17 Oct 2017 05:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 299969

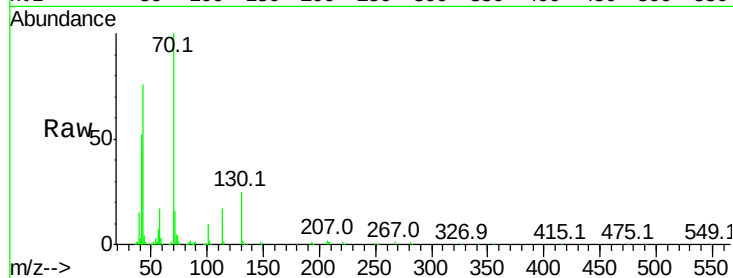
Ion	Ratio	Lower	Upper
70	100		
42	51.9	43.0	64.4
101	10.2	8.2	12.2
130	24.7	18.6	28.0

70 100

42 51.9 43.0 64.4

101 10.2 8.2 12.2

130 24.7 18.6 28.0

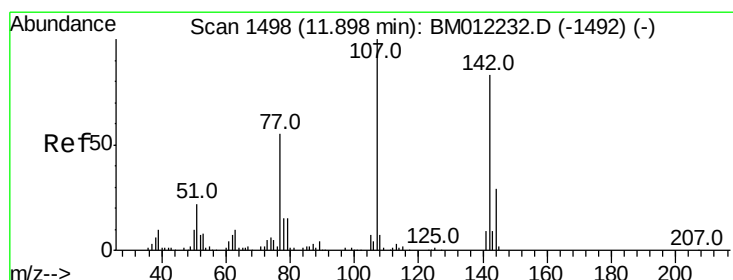
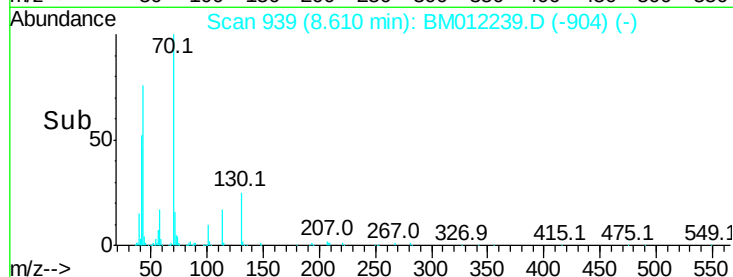
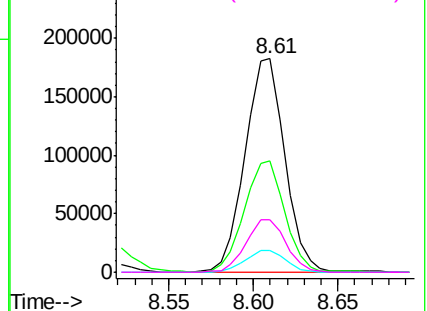


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 43.732 ng/ul

RT: 11.90 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BM012239.D

Acq: 17 Oct 2017 05:22

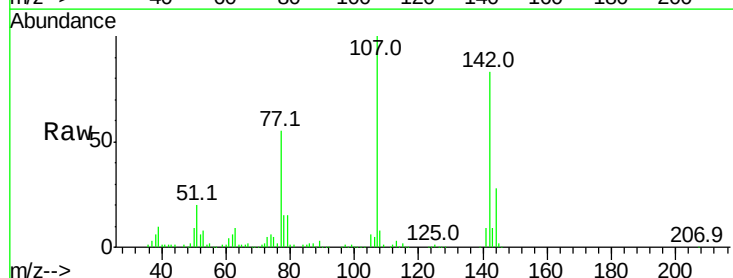
Tgt Ion:107 Resp: 544574

Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.2	31.8
142	83.3	65.3	97.9

107 100

144 27.6 21.2 31.8

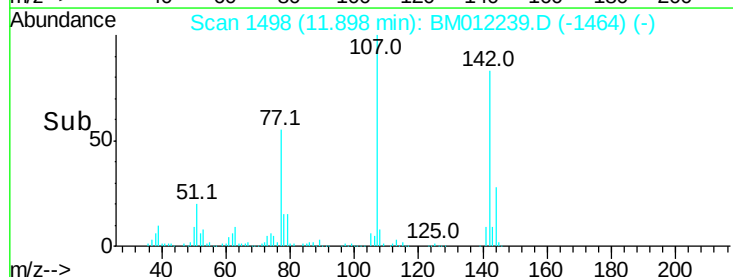
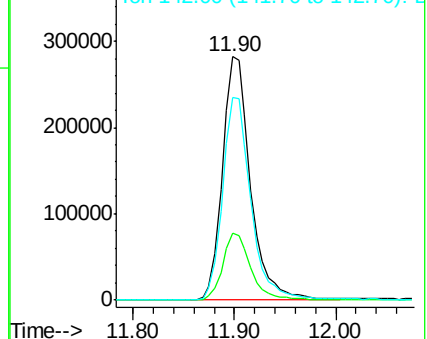
142 83.3 65.3 97.9

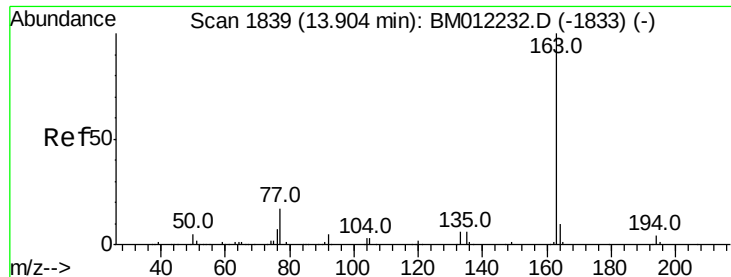


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 16.330 ng/ul

RT: 13.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BM012239.D

Acq: 17 Oct 2017 05:22

Instrument :

BNA_M

ClientSampleId :

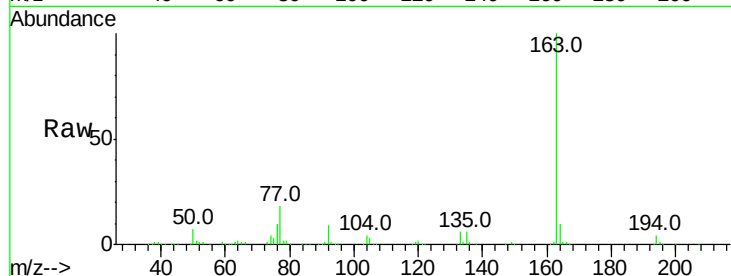
Tot Ion:163 Resp: 646687

Ion Ratio Lower Upper

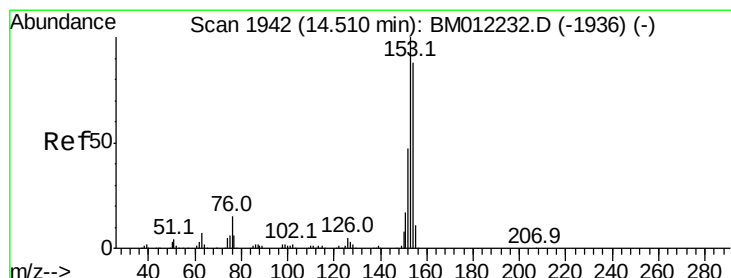
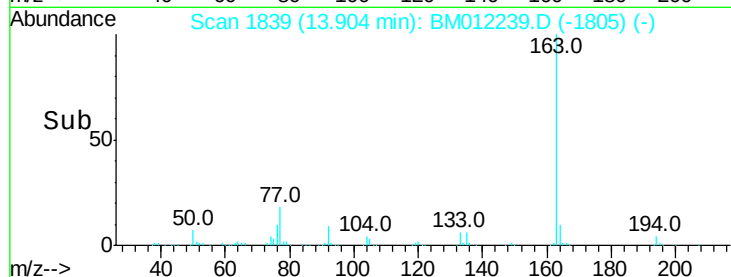
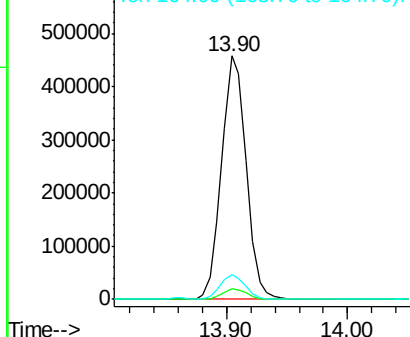
163 100

194 4.3 3.7 5.5

164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 37.391 ng/ul

RT: 14.52 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BM012239.D

Acq: 17 Oct 2017 05:22

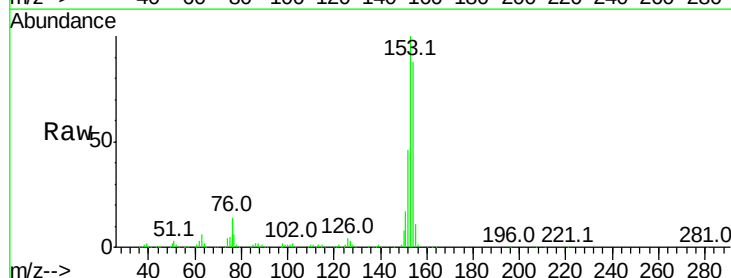
Tgt Ion:153 Resp: 1183345

Ion Ratio Lower Upper

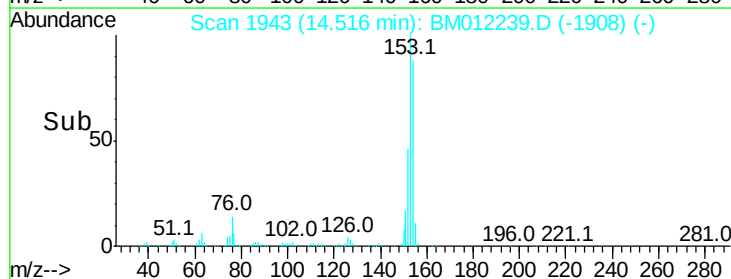
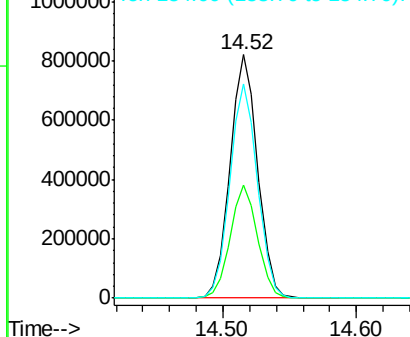
153 100

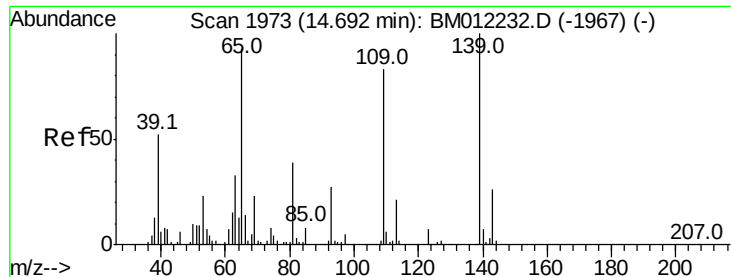
152 46.3 37.4 56.0

154 87.9 71.1 106.7



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: 38.909 ng/ul

RT: 14.70 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BM012239.D

Acq: 17 Oct 2017 05:22

Instrument :

BNA_M

ClientSampleId :

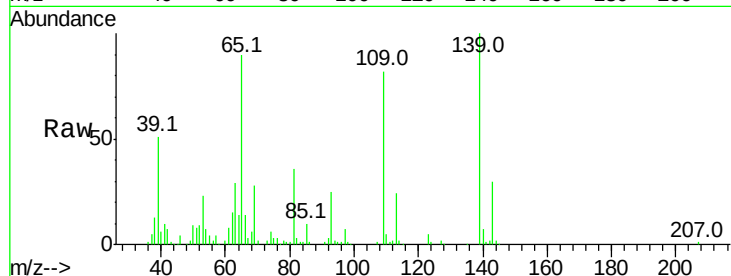
Tot Ion:109 Resp: 207791

Ion Ratio Lower Upper

109 100

139 121.8 90.6 135.8

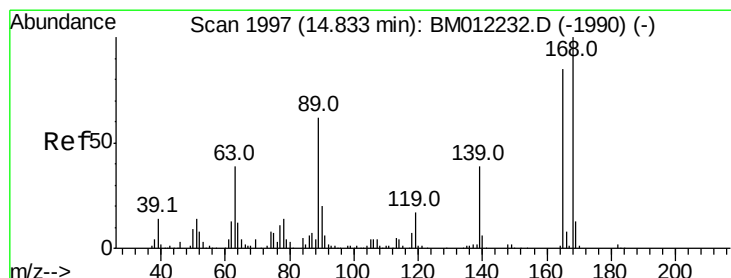
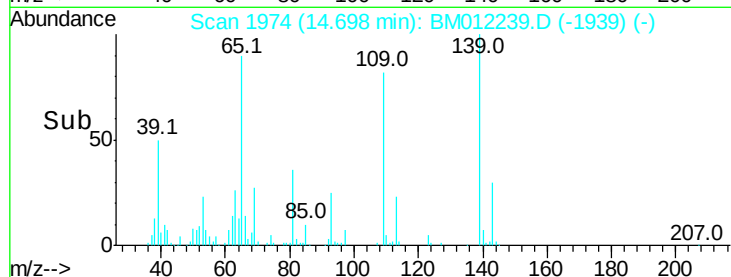
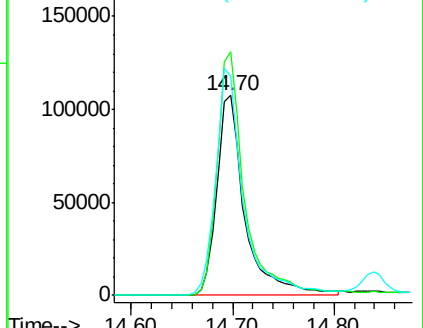
65 109.5 93.1 139.7



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: 38.090 ng/ul

RT: 14.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BM012239.D

Acq: 17 Oct 2017 05:22

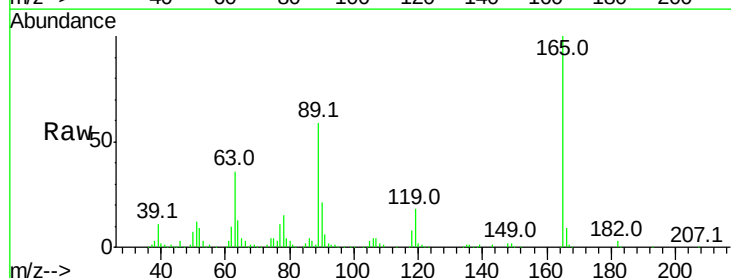
Tgt Ion:165 Resp: 433944

Ion Ratio Lower Upper

165 100

63 35.6 38.7 58.1#

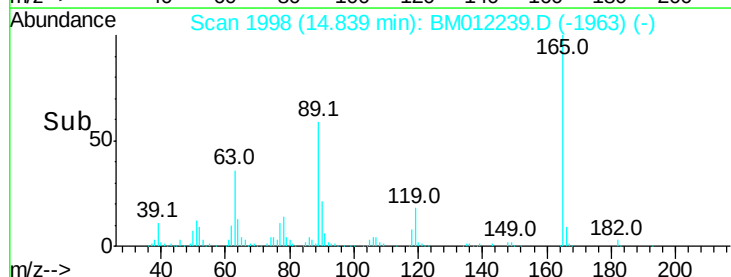
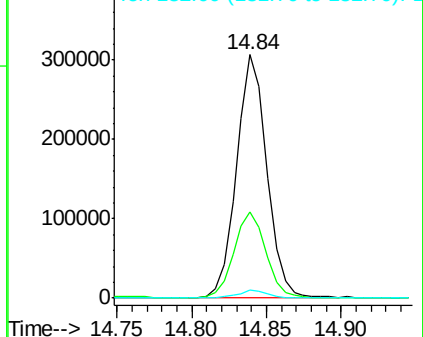
182 3.3 2.6 3.8

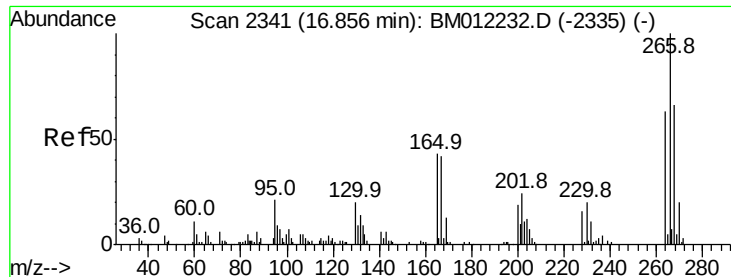


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

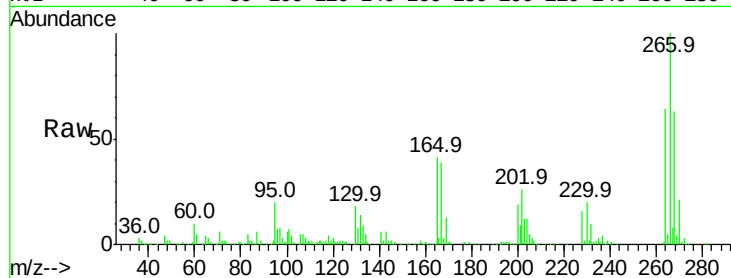




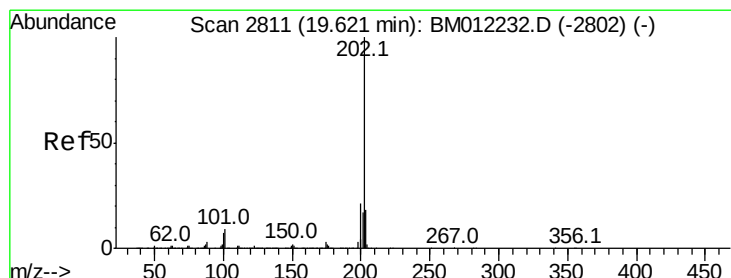
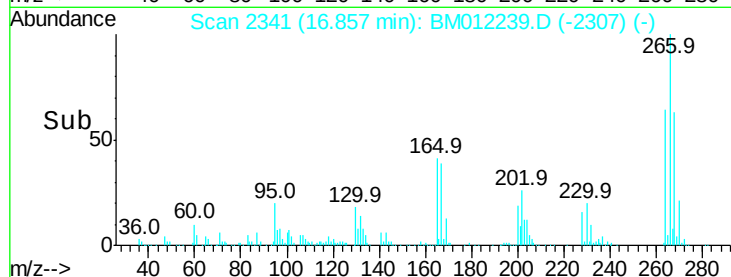
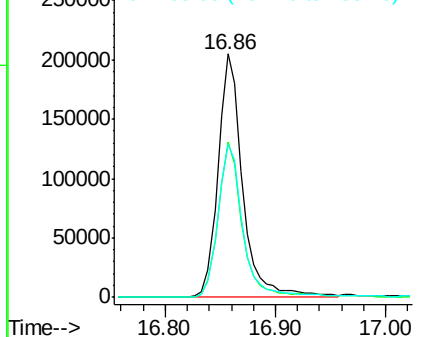
#68
 Pentachlorophenol
 Concen: 42.996 ng/ul
 RT: 16.86 min Scan# 2341
 Delta R.T. 0.00 min
 Lab File: BM012239.D
 Acq: 17 Oct 2017 05:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 319149
 Ion Ratio Lower Upper
 266 100
 264 63.8 47.3 70.9
 268 62.5 52.3 78.5

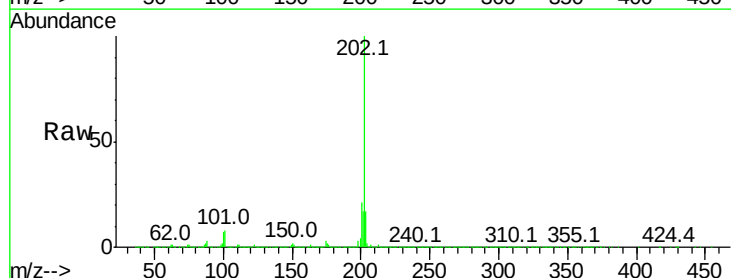


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 41.334 ng/ul
 RT: 19.63 min Scan# 2812
 Delta R.T. 0.01 min
 Lab File: BM012239.D
 Acq: 17 Oct 2017 05:22

Tgt Ion:202 Resp: 2344169
 Ion Ratio Lower Upper
 202 100
 101 8.4 6.5 9.7
 100 7.1 5.6 8.4



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

