

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012270.D
 Acq On : 18 Oct 2017 04:10
 Operator : SJ/JU
 Sample : I5664-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 18 08:23:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 18 08:12:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	177177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	726585	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	433652	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	914770	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	740339	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	769575	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	18219	4.89	ng/uL	0.00
5) Phenol-d5	6.96	99	688352	47.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	388446	45.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	566953	46.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	417056	33.70	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	195945	35.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	240589	37.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	467059	37.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	503788	43.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1389361	36.25	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1695348	36.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	157594	27.35	ng/ul	0.00
57) Fluorene-d10	15.43	176	1156537	36.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	146263	23.30	ng/ul	0.00
70) Anthracene-d10	17.29	188	1666065	36.83	ng/ul	0.00
76) Pyrene-d10	19.58	212	1925552	51.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1372973	37.01	ng/ul	0.00

Target Compounds

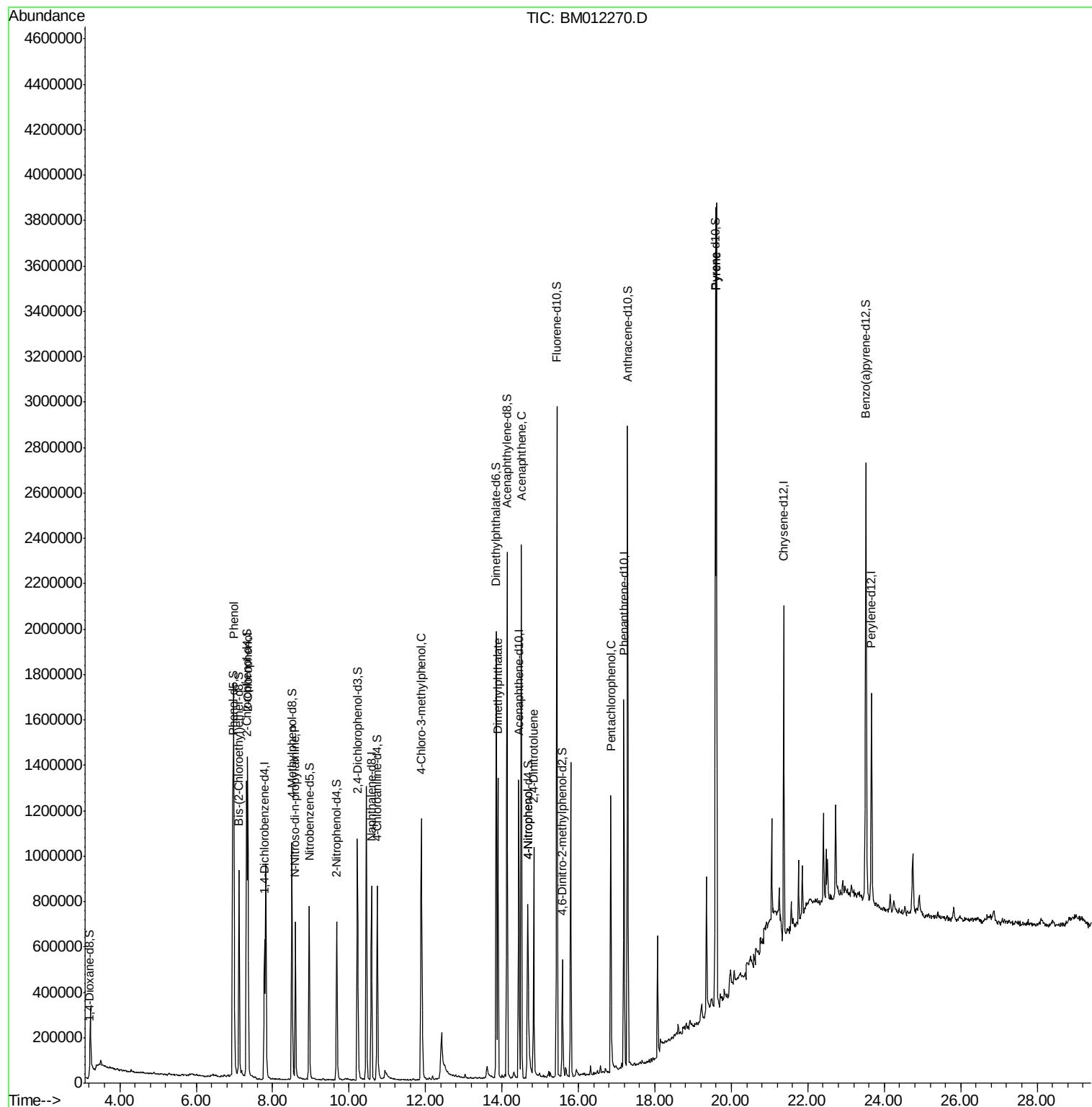
					Ovalue
6) Phenol	6.99	94	866680	58.320	ng/ul 99
10) 2-Chlorophenol	7.35	128	599131	48.143	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.59	70	260829	25.873	ng/ul 99
33) 4-Chloro-3-methylphenol	11.89	107	465883	36.493	ng/ul 98
44) Dimethylphthalate	13.89	163	894298	23.290	ng/ul 99
49) Acenaphthene	14.50	153	978735	31.894	ng/ul 100
52) 4-Nitrophenol	14.68	109	147392	28.463	ng/ul 96
54) 2,4-Dinitrotoluene	14.83	165	324868	29.408	ng/ul# 86
68) Pentachlorophenol	16.84	266	248348	35.895	ng/ul 97
77) Pyrene	19.61	202	2105664	43.067	ng/ul# 95

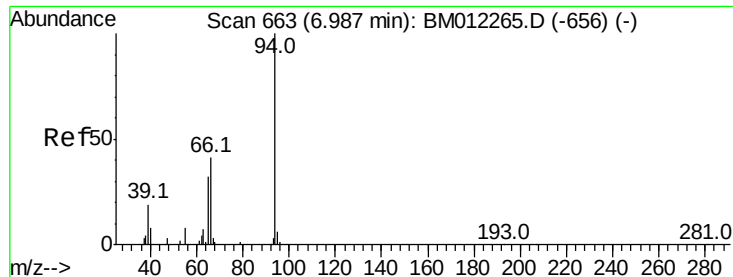
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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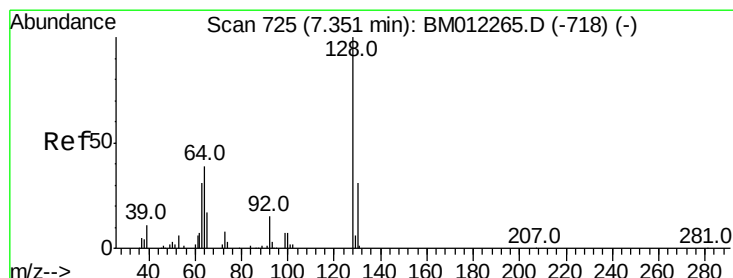
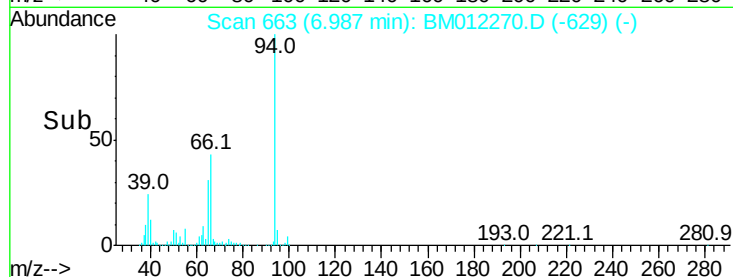
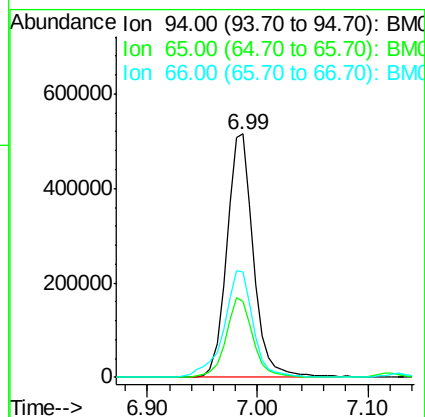
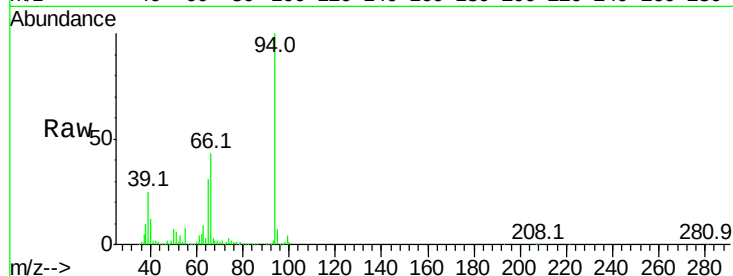
#6

Phenol

Concen: 58.320 ng/ul
 RT: 6.99 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BM012270.D
 Acq: 18 Oct 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	94	Resp	866680
Ion	Ratio	Lower	Upper
94	100		
65	31.2	24.4	36.6
66	43.1	35.0	52.4

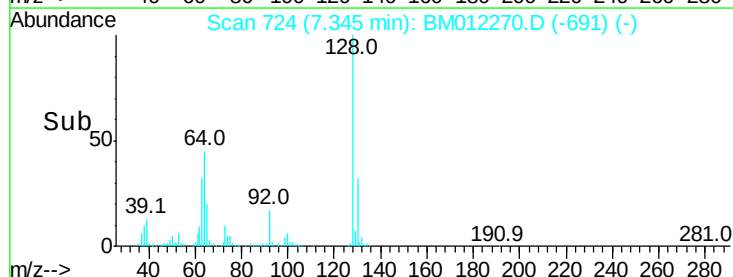
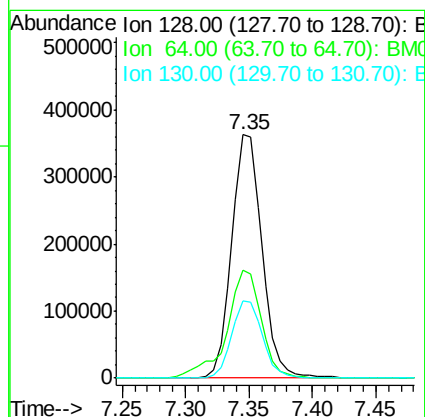
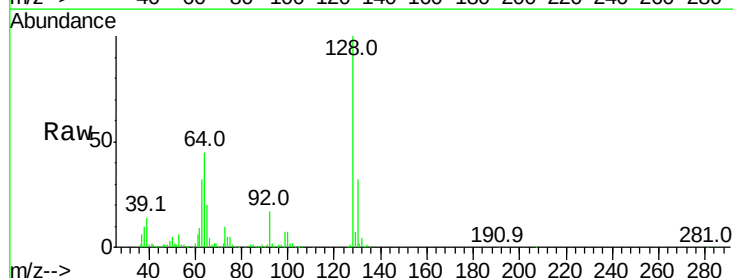


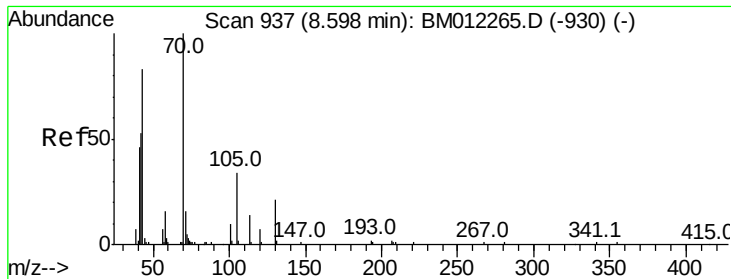
#10

2-Chlorophenol

Concen: 48.143 ng/ul
 RT: 7.35 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BM012270.D
 Acq: 18 Oct 2017 04:10

Tgt Ion	128	Resp	599131
Ion	Ratio	Lower	Upper
128	100		
64	44.6	32.7	49.1
130	31.5	26.2	39.4





#15

N-Nitroso-di-n-propylamine

Concen: 25.873 ng/ul

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM012270.D

Acq: 18 Oct 2017 04:10

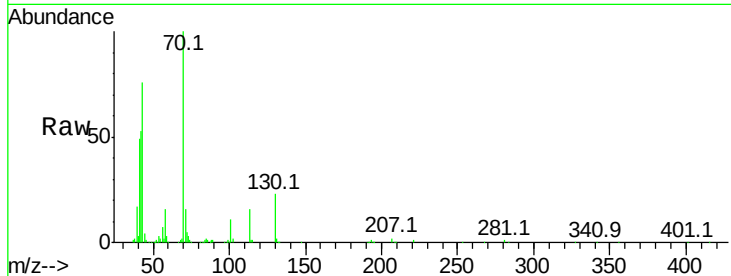
Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 260829

Ion	Ratio	Lower	Upper
70	100		
42	52.7	43.0	64.4
101	11.4	8.2	12.2
130	23.0	18.6	28.0

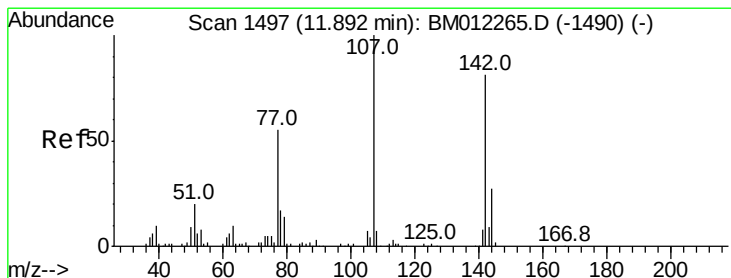
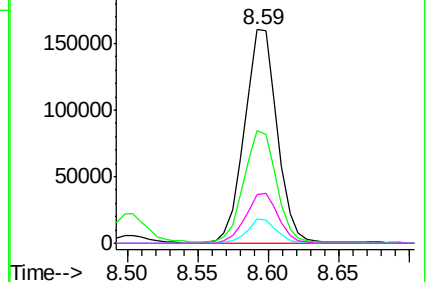
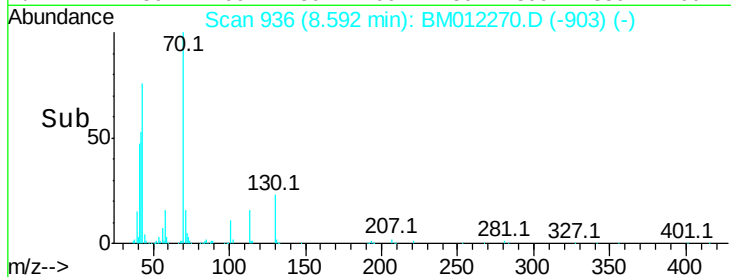


Abundance Ion 70.00 (69.70 to 70.70): BM012270.D (-903) (-)

Ion 42.00 (41.70 to 42.70): BM012270.D (-903) (-)

Ion 101.00 (100.70 to 101.70): BM012270.D (-903) (-)

Ion 130.00 (129.70 to 130.70): BM012270.D (-903) (-)



#33

4-Chloro-3-methylphenol

Concen: 36.493 ng/ul

RT: 11.89 min Scan# 1496

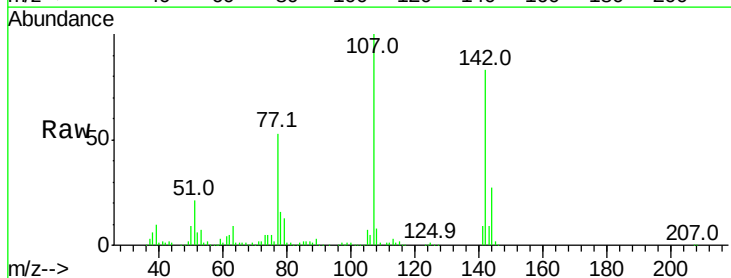
Delta R.T. -0.01 min

Lab File: BM012270.D

Acq: 18 Oct 2017 04:10

Tgt Ion: 107 Resp: 465883

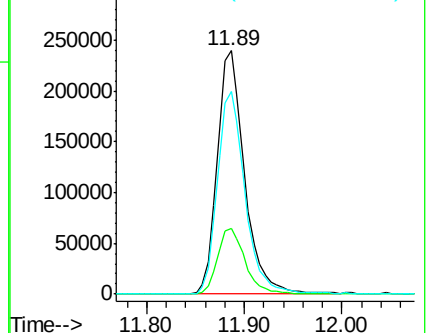
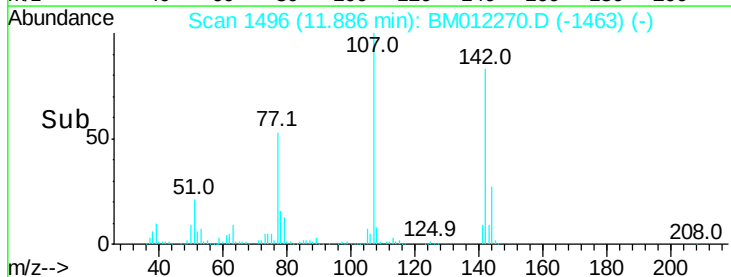
Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.2	31.8
142	83.4	65.3	97.9

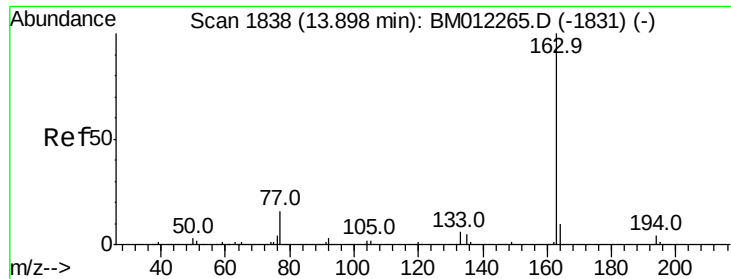


Abundance Ion 107.00 (106.70 to 107.70): BM012270.D (-1463) (-)

Ion 144.00 (143.70 to 144.70): BM012270.D (-1463) (-)

Ion 142.00 (141.70 to 142.70): BM012270.D (-1463) (-)





#44

Dimethylphthalate

Concen: 23.290 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM012270.D

Acq: 18 Oct 2017 04:10

Instrument :

BNA_M

ClientSampleId :

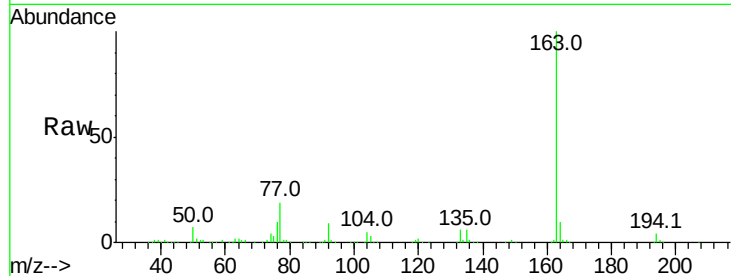
Tot Ion:163 Resp: 894298

Ion Ratio Lower Upper

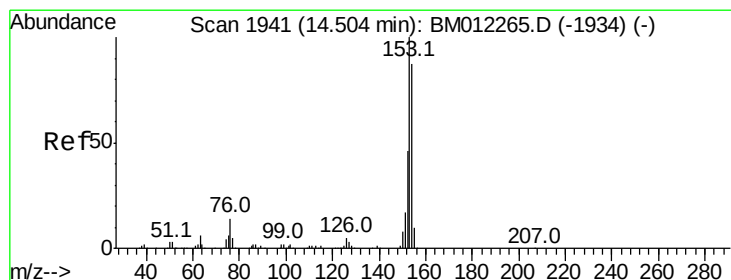
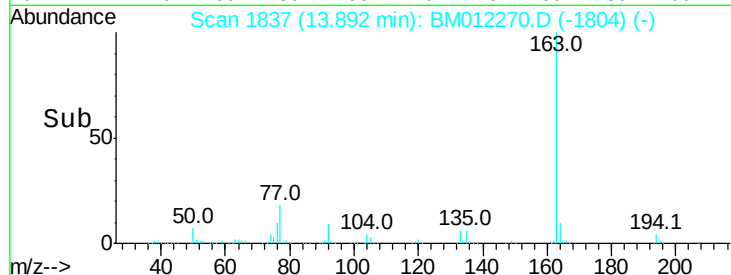
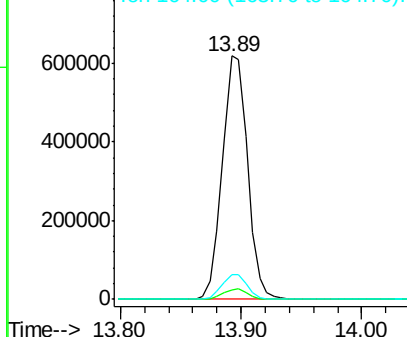
163 100

194 4.1 3.7 5.5

164 10.0 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: 31.894 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BM012270.D

Acq: 18 Oct 2017 04:10

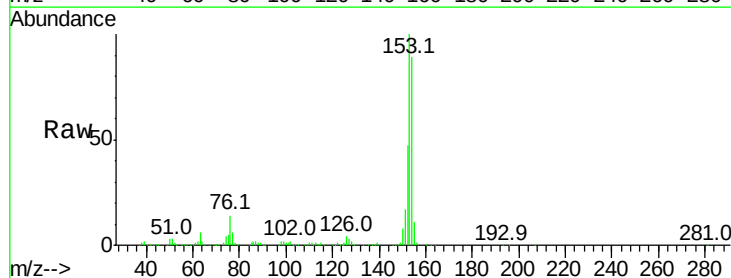
Tgt Ion:153 Resp: 978735

Ion Ratio Lower Upper

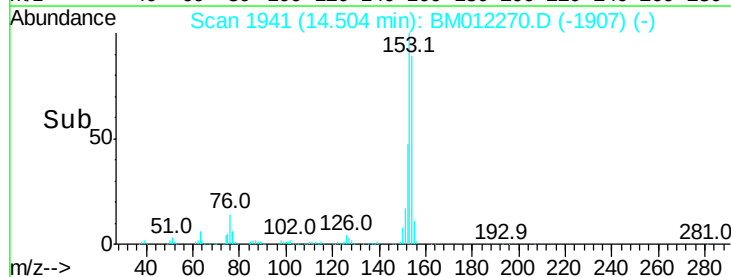
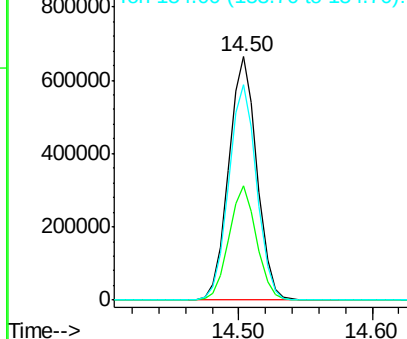
153 100

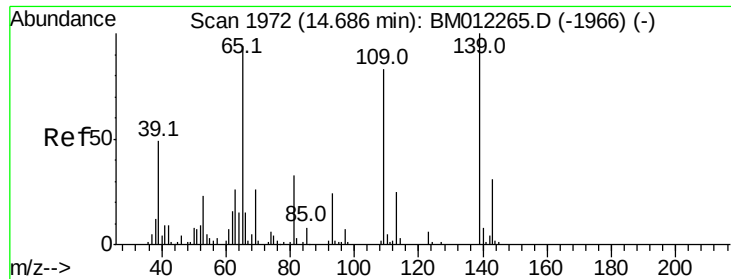
152 46.9 37.4 56.0

154 88.5 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

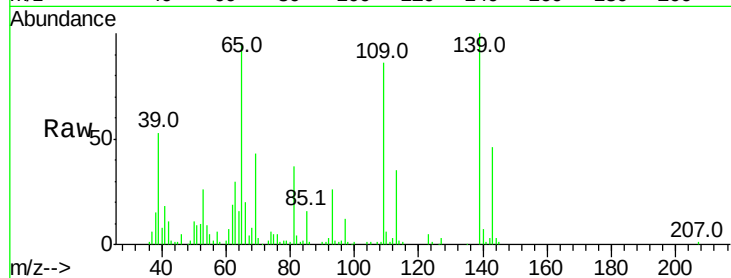




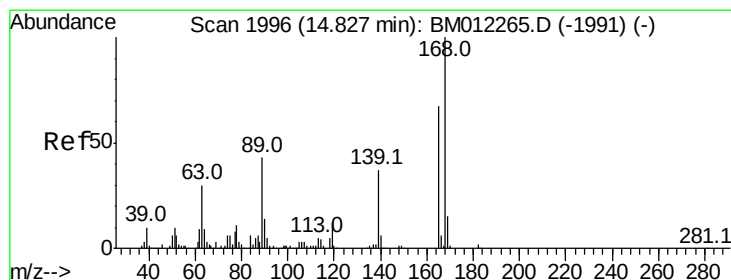
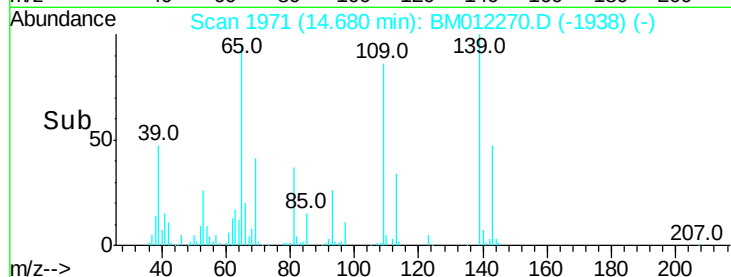
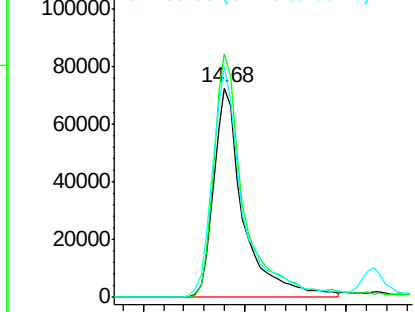
#52
4-Nitrophenol
Concen: 28.463 ng/ul
RT: 14.68 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:109 Resp: 147392
Ion Ratio Lower Upper
109 100
139 116.4 90.6 135.8
65 110.5 93.1 139.7

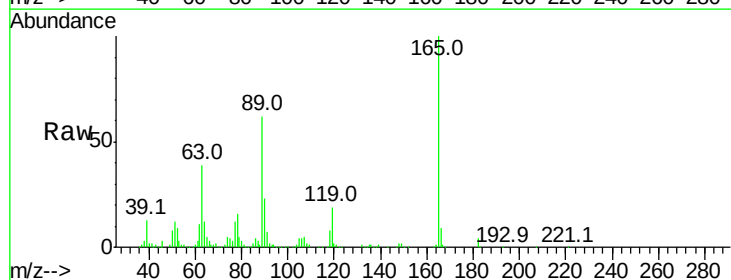


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

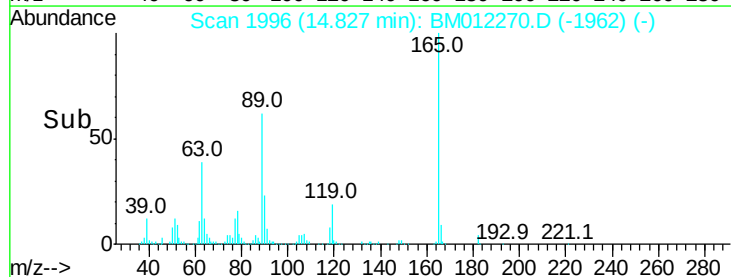
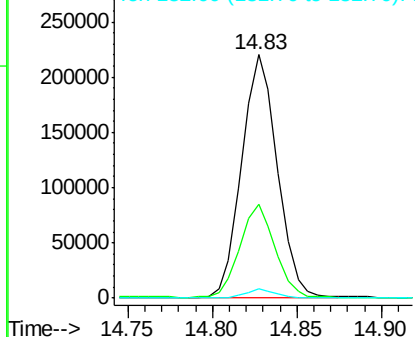


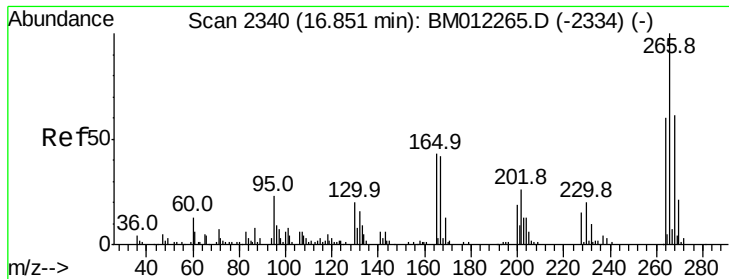
#54
2,4-Dinitrotoluene
Concen: 29.408 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Tgt Ion:165 Resp: 324868
Ion Ratio Lower Upper
165 100
63 38.6 38.7 58.1#
182 3.8 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

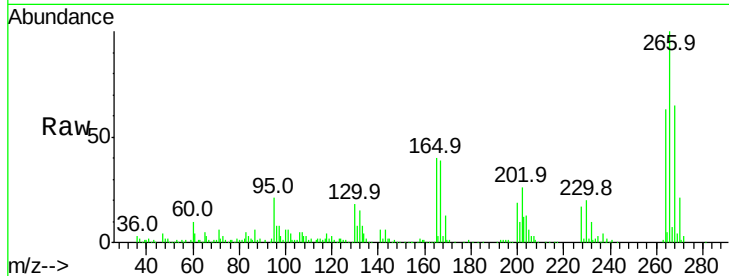




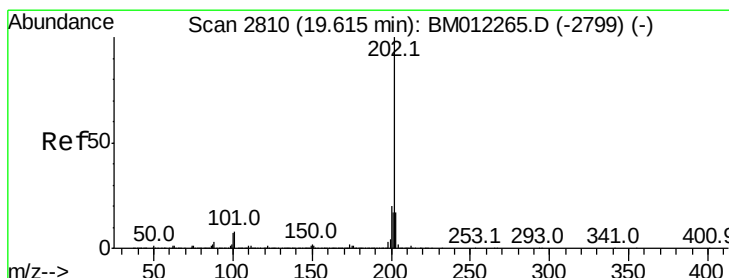
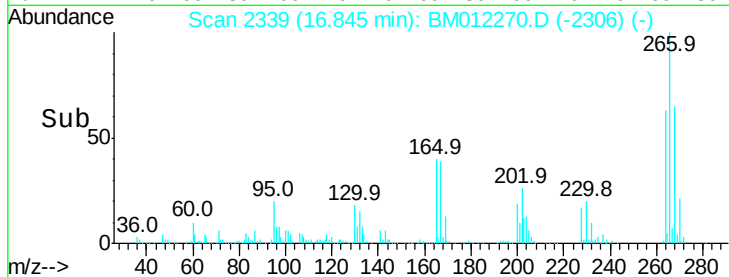
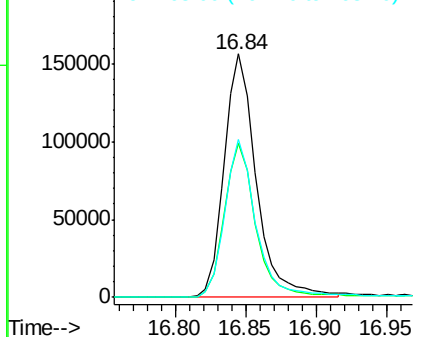
#68
 Pentachlorophenol
 Concen: 35.895 ng/ul
 RT: 16.84 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BM012270.D
 Acq: 18 Oct 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.2	47.3	70.9
268	65.0	52.3	78.5

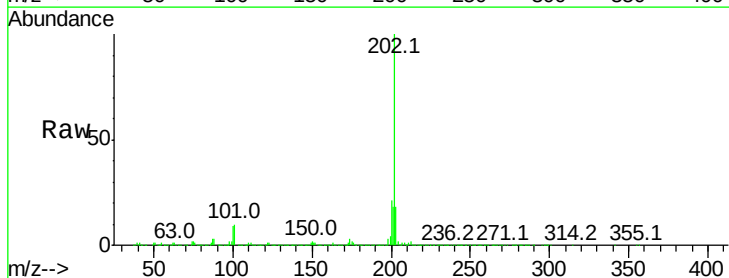


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 43.067 ng/ul
 RT: 19.61 min Scan# 2809
 Delta R.T. -0.01 min
 Lab File: BM012270.D
 Acq: 18 Oct 2017 04:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.5	9.7#
100	8.5	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

