

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100416\
 Data File : BM007654.D
 Acq On : 04 Oct 2016 13:58
 Operator : UM/SJ
 Sample : H5033-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H1A01MS

Quant Time: Oct 04 14:52:44 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 04 13:03:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	154369	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	736629	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	591176	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1378983	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	1666590	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	1460511	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	5203	1.66	ng/uL	0.00
5) Phenol-d5	6.95	99	113706	8.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	261887	35.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	281189	28.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	220957	18.89	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	191626	36.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	208690	34.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	388531	32.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	25010	2.00	ng/ul	0.01
43) Dimethylphthalate-d6	13.82	166	1685761	39.20	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1916875	38.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	52740	6.95	ng/ul	0.00
57) Fluorene-d10	15.40	176	1487849	39.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	286152	34.01	ng/ul	0.00
70) Anthracene-d10	17.24	188	2554778	40.32	ng/ul	0.00
76) Pyrene-d10	19.54	212	3155893	47.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	2658275	41.13	ng/ul	0.00

Target Compounds

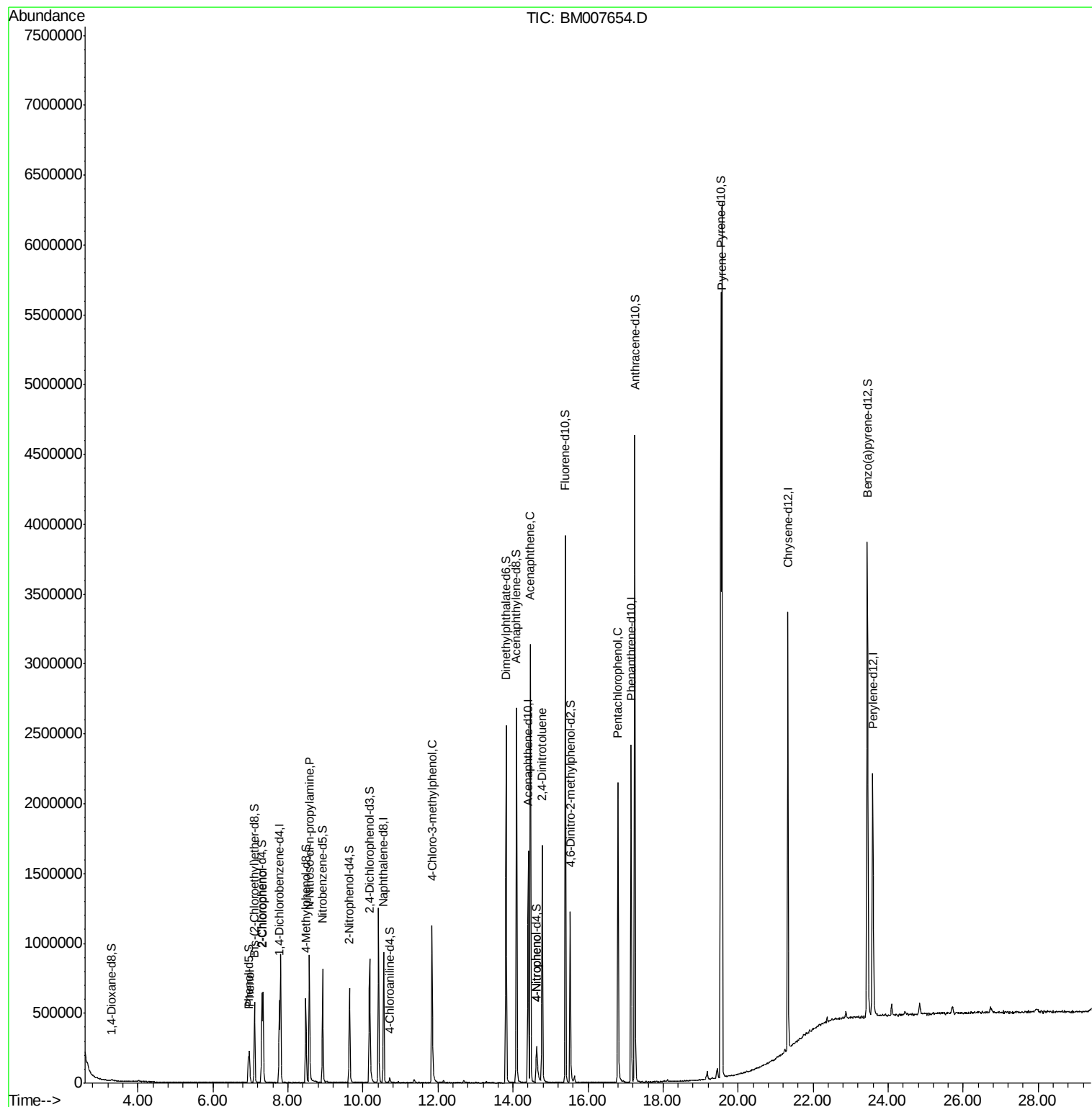
						Qvalue
6) Phenol	6.97	94	121118	8.71	ng/ul	96
10) 2-Chlorophenol	7.34	128	276866	27.75	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	353421	39.08	ng/ul	95
33) 4-Chloro-3-methylphenol	11.84	107	459200	32.11	ng/ul	93
49) Acenaphthene	14.46	153	1275569	37.45	ng/ul	100
52) 4-Nitrophenol	14.63	109	51273	6.49	ng/ul	88
54) 2,4-Dinitrotoluene	14.78	165	506274	39.67	ng/ul	98
68) Pentachlorophenol	16.80	266	399321	37.67	ng/ul	99
77) Pyrene	19.57	202	3857552	47.18	ng/ul	100

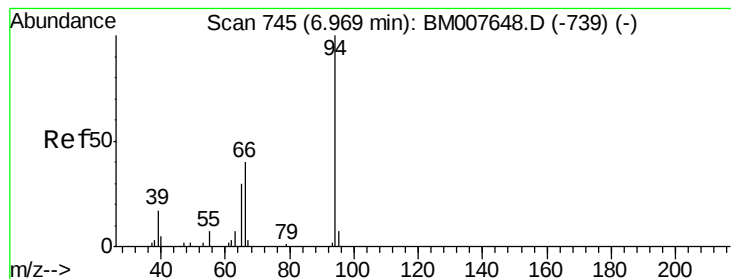
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.71 ng/ul

RT: 6.97 min Scan# 745

Delta R.T. -0.01 min

Lab File: BM007654.D

Acq: 04 Oct 2016 13:58

Instrument :

BNA_M

ClientSampleId :

H1A01MS

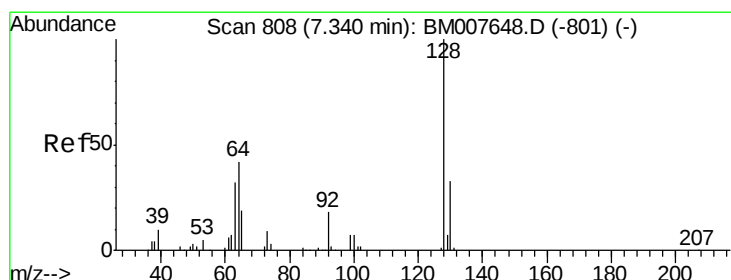
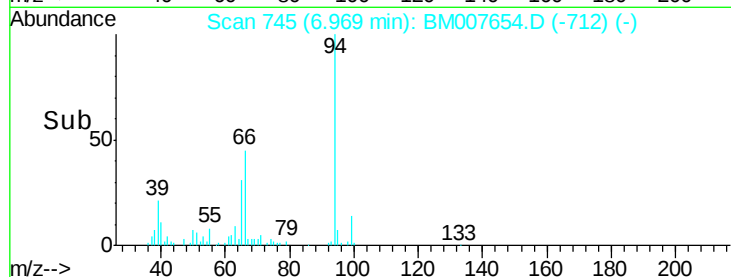
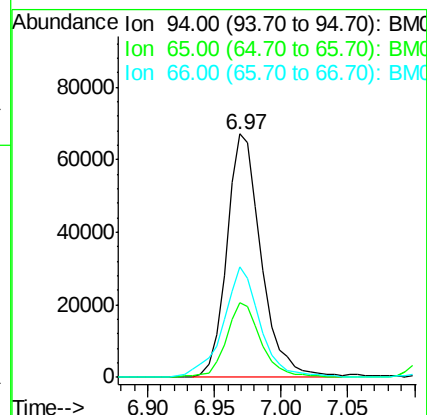
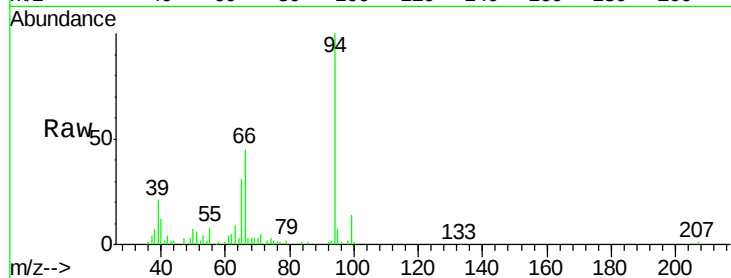
Tgt Ion: 94 Resp: 121118

Ion Ratio Lower Upper

94 100

65 30.7 23.9 35.9

66 45.3 33.5 50.3



#10

2-Chlorophenol

Concen: 27.75 ng/ul

RT: 7.34 min Scan# 808

Delta R.T. 0.00 min

Lab File: BM007654.D

Acq: 04 Oct 2016 13:58

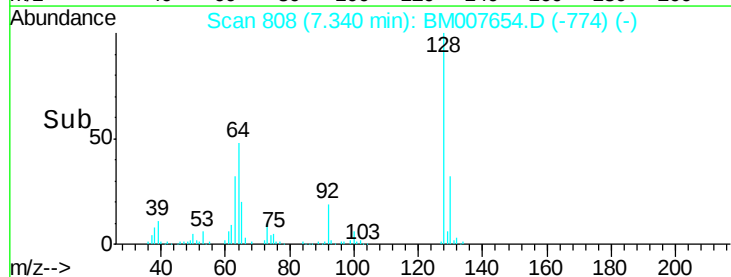
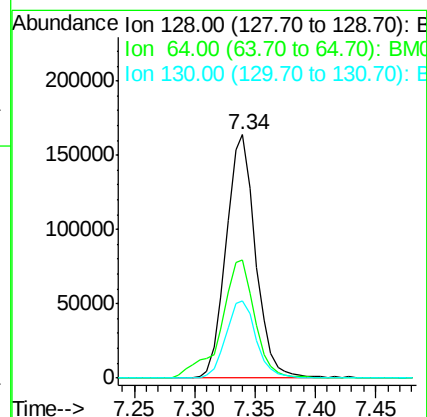
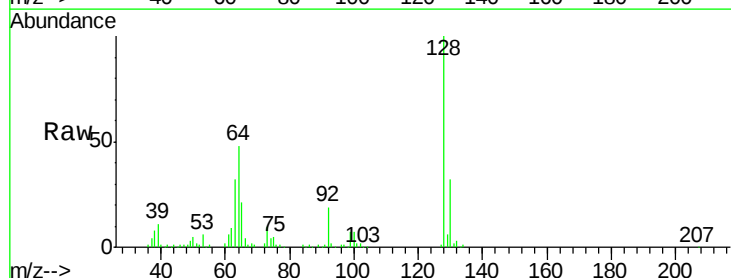
Tgt Ion: 128 Resp: 276866

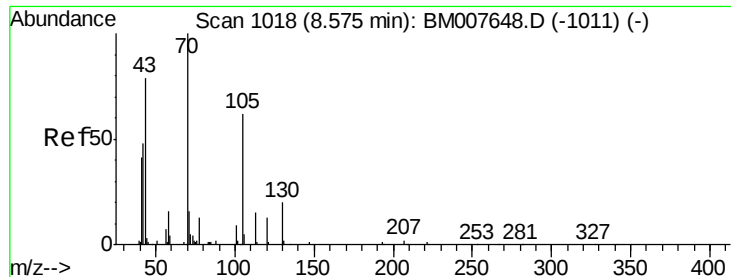
Ion Ratio Lower Upper

128 100

64 48.5 37.5 56.3

130 31.9 25.0 37.4

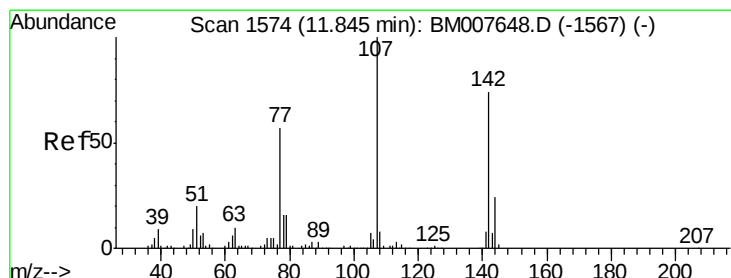
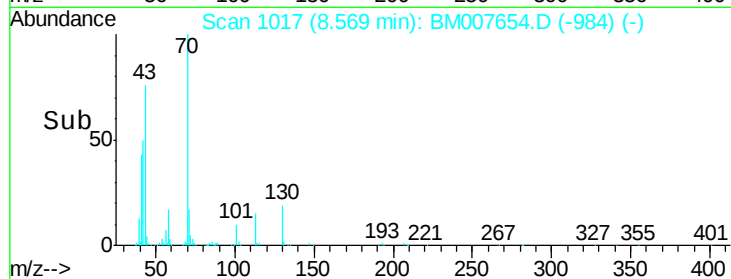
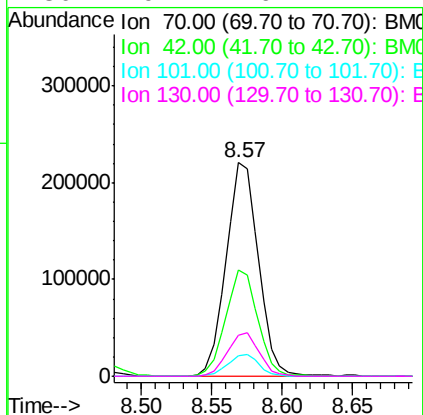
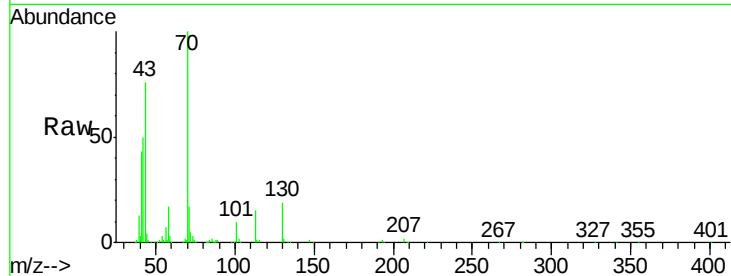




#15
N-Nitroso-di-n-propylamine
Concen: 39.08 ng/ul
RT: 8.57 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BM007654.D
Acq: 04 Oct 2016 13:58

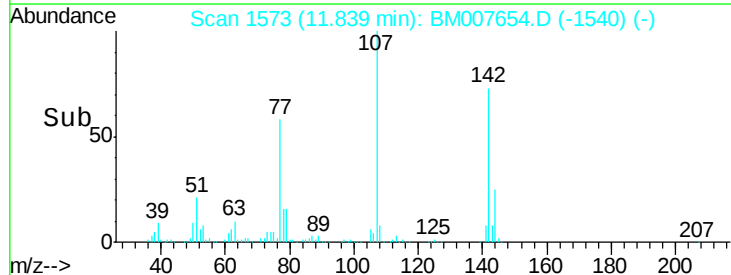
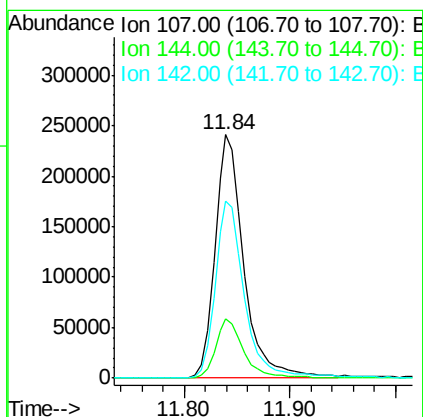
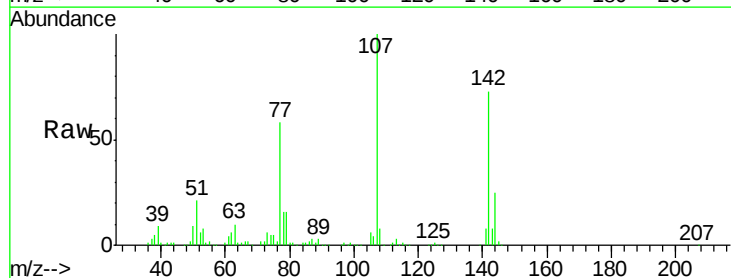
Instrument :
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H1A01MS

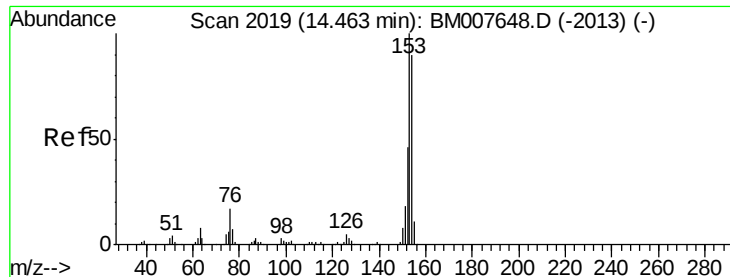
Tgt Ion:	70	Resp:	353421
Ion	Ratio	Lower	Upper
70	100		
42	49.7	43.4	65.2
101	9.9	7.8	11.6
130	19.4	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 32.11 ng/ul
RT: 11.84 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BM007654.D
Acq: 04 Oct 2016 13:58

Tgt Ion:	107	Resp:	459200
Ion	Ratio	Lower	Upper
107	100		
144	24.6	21.1	31.7
142	72.9	64.1	96.1





#49

Acenaphthene

Concen: 37.45 ng/ul

RT: 14.46 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM007654.D

Acq: 04 Oct 2016 13:58

Instrument :

BNA_M

ClientSampleId :

H1A01MS

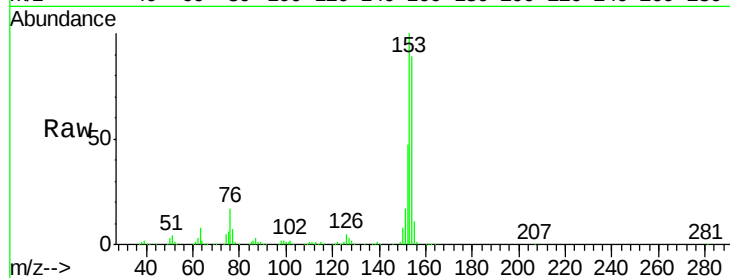
Tgt Ion:153 Resp: 1275569

Ion Ratio Lower Upper

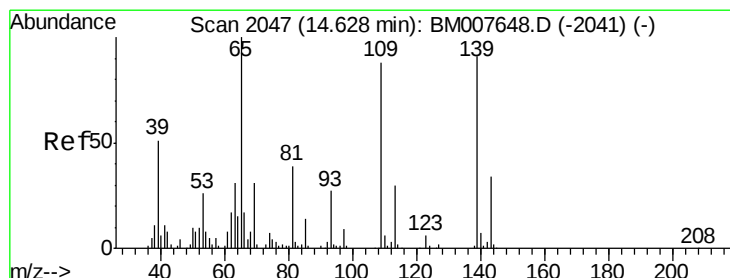
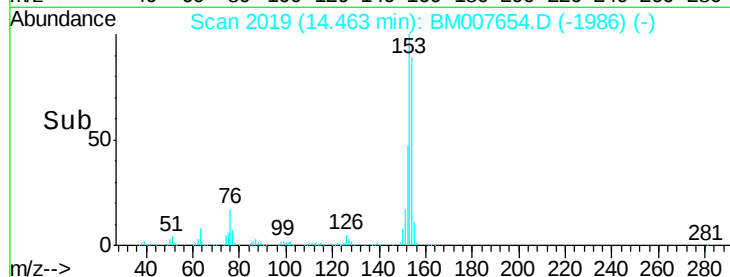
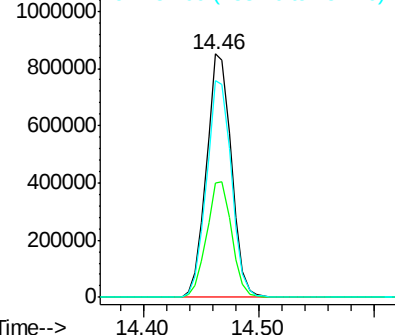
153 100

152 46.8 37.8 56.6

154 88.9 71.4 107.0



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: 6.49 ng/ul

RT: 14.63 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BM007654.D

Acq: 04 Oct 2016 13:58

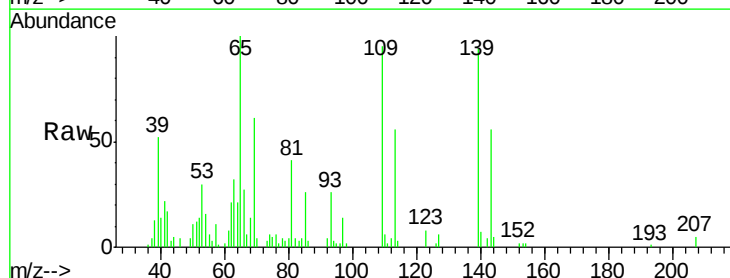
Tgt Ion:109 Resp: 51273

Ion Ratio Lower Upper

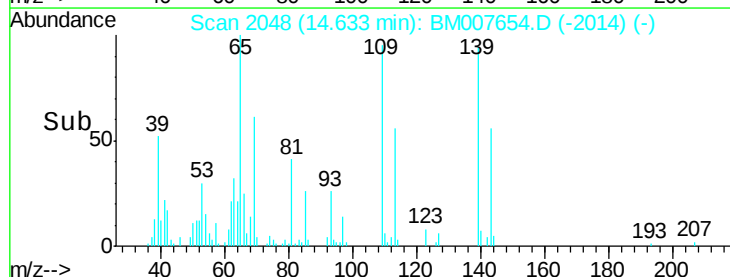
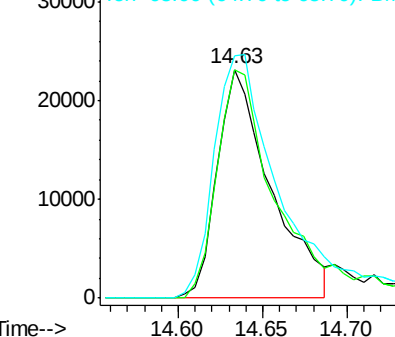
109 100

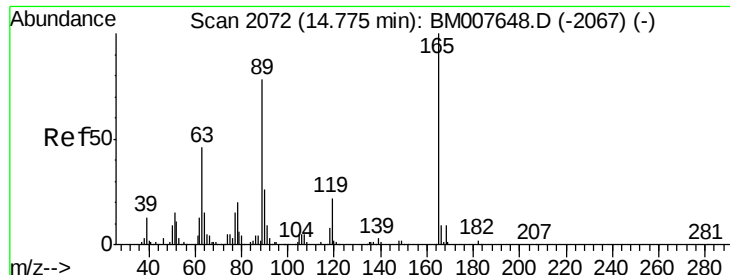
139 99.9 88.7 133.1

65 105.7 96.4 144.6



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

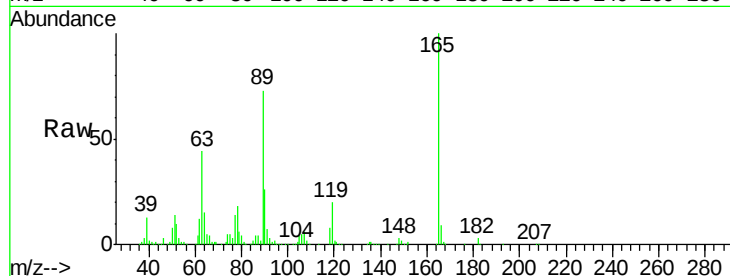




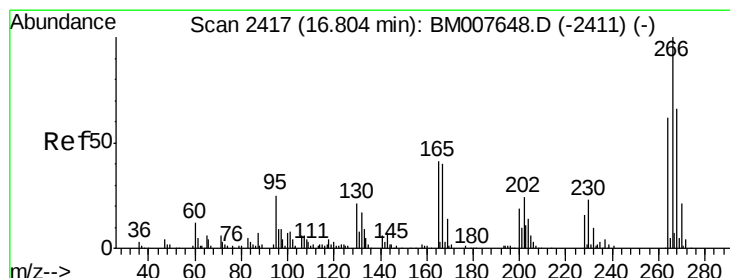
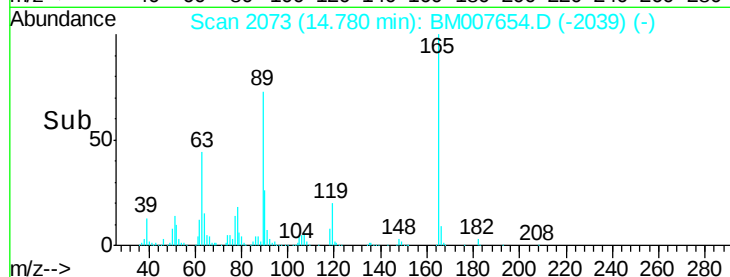
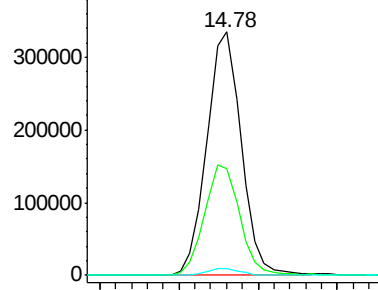
#54
 2,4-Dinitrotoluene
 Concen: 39.67 ng/ul
 RT: 14.78 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: BM007654.D
 Acq: 04 Oct 2016 13:58

Instrument :
 BNA_M
 ClientSampleId :
 H1A01MS

Tgt Ion:165 Resp: 506274
 Ion Ratio Lower Upper
 165 100
 63 43.9 36.2 54.2
 182 2.9 2.2 3.4

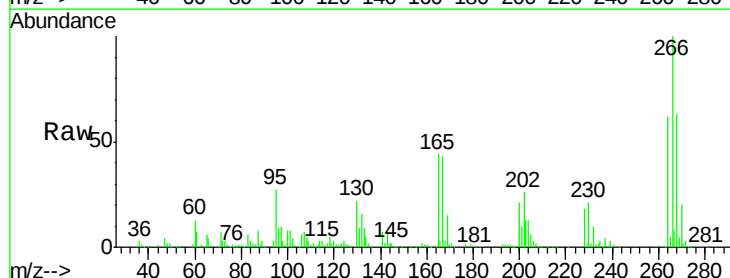


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM007654.D (-2067) (-)
 Ion 182.00 (181.70 to 182.70): E

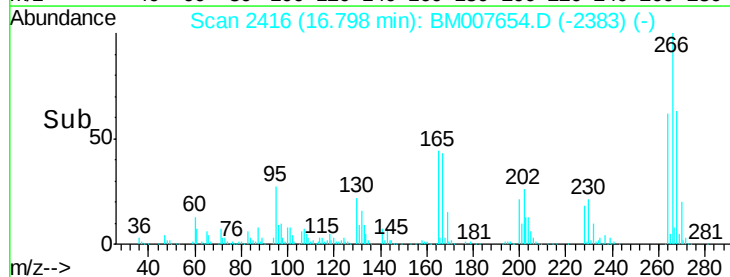
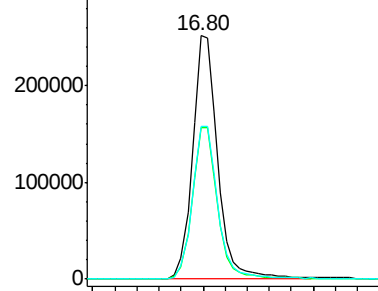


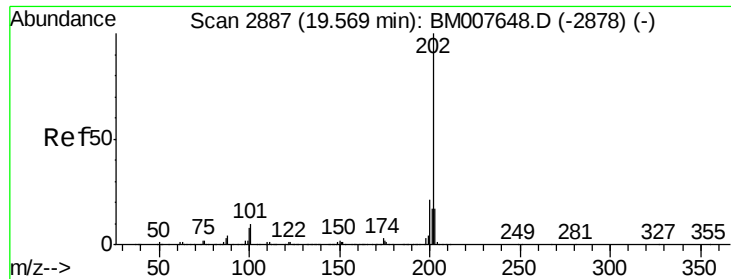
#68
 Pentachlorophenol
 Concen: 37.67 ng/ul
 RT: 16.80 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM007654.D
 Acq: 04 Oct 2016 13:58

Tgt Ion:266 Resp: 399321
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.6 75.8
 268 62.9 51.0 76.6



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: 47.18 ng/ul

RT: 19.57 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM007654.D

Acq: 04 Oct 2016 13:58

Instrument :

BNA_M

ClientSampleId :

H1A01MS

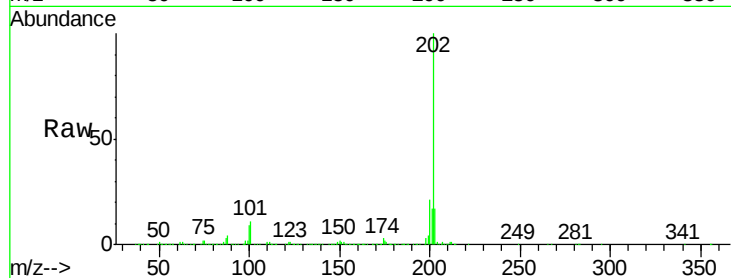
Tgt Ion: 202 Resp: 3857552

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

100 8.8 6.9 10.3



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

