

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092816\
 Data File : BM007610.D
 Acq On : 28 Sep 2016 20:07
 Operator : UM/SJ
 Sample : H4955-14MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4VM1MSD

Quant Time: Sep 29 01:42:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 29 01:41:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	216982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1047248	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	842502	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1963666	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	2642862	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2462742	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	4745	1.07	ng/uL	0.00
5) Phenol-d5	6.95	99	103611	5.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	272489	26.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	287241	20.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	214248	13.03	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	203099	27.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	227130	26.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	398772	23.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	32087	1.80	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	1848758	30.17	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2036624	28.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	57258	5.29	ng/ul	0.00
57) Fluorene-d10	15.40	176	1612933	30.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	331541	27.67	ng/ul	0.00
70) Anthracene-d10	17.25	188	2820900	31.26	ng/ul	0.00
76) Pyrene-d10	19.54	212	3602887	34.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	3522010	32.32	ng/ul	0.00

Target Compounds

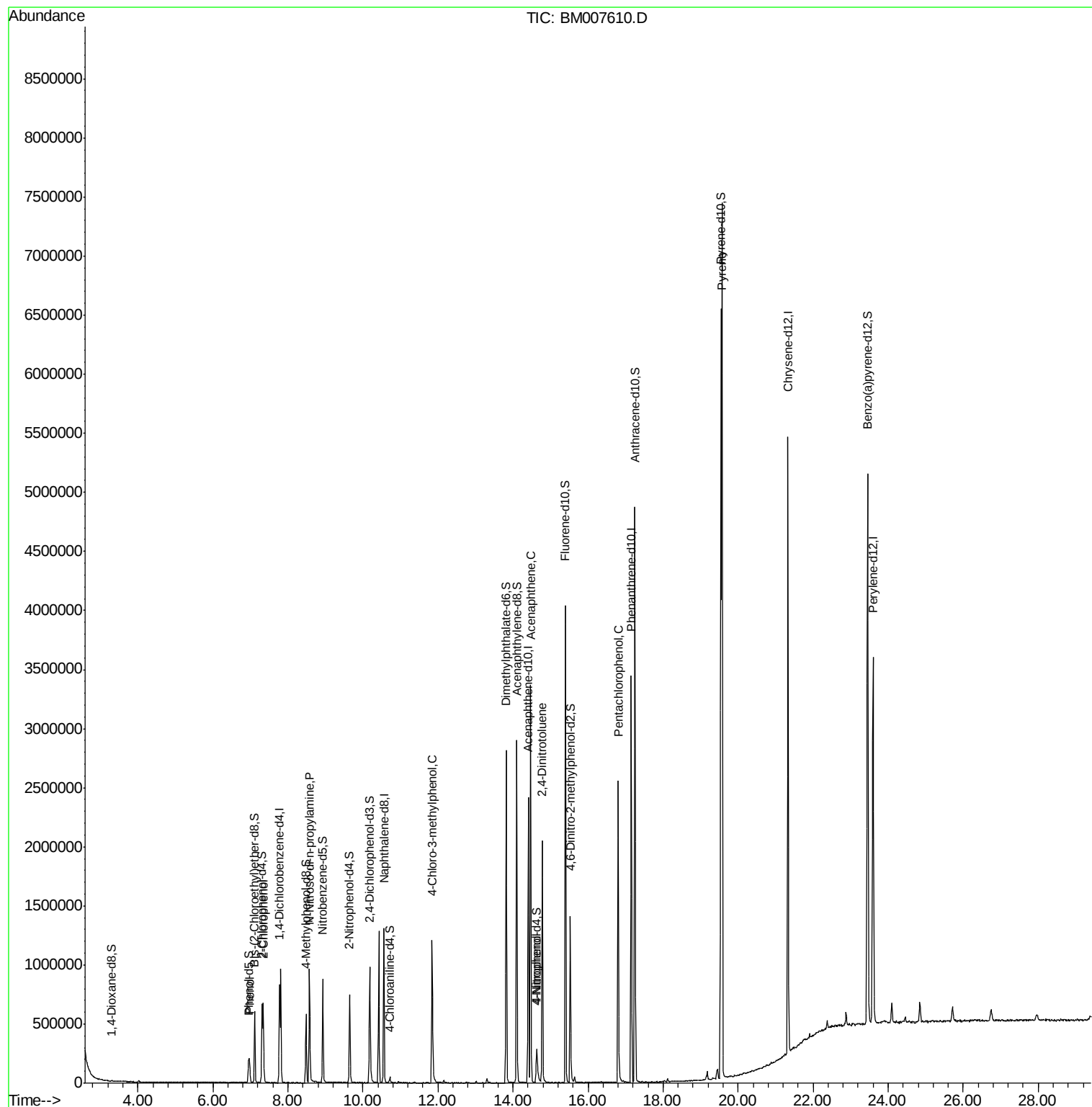
						Qvalue
6) Phenol	6.97	94	109343	5.59	ng/ul	92
10) 2-Chlorophenol	7.34	128	285775	20.38	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.57	70	365132	28.72	ng/ul	96
33) 4-Chloro-3-methylphenol	11.85	107	471759	23.21	ng/ul	93
49) Acenaphthene	14.47	153	1349970	27.81	ng/ul	99
52) 4-Nitrophenol	14.64	109	58686	5.21	ng/ul	90
54) 2,4-Dinitrotoluene	14.78	165	564876	31.06	ng/ul	96
68) Pentachlorophenol	16.80	266	460722	30.52	ng/ul	99
77) Pyrene	19.57	202	4374187	33.73	ng/ul	98

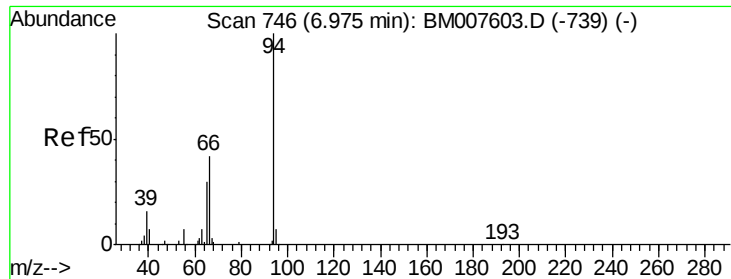
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.59 ng/ul

RT: 6.97 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM007610.D

Acq: 28 Sep 2016 20:07

Instrument :

BNA_M

ClientSampleId :

A4VM1MSD

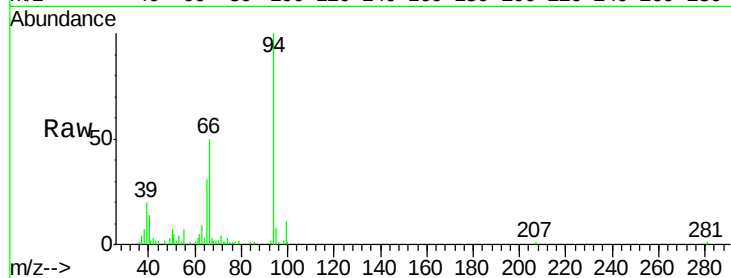
Tgt Ion: 94 Resp: 109343

Ion Ratio Lower Upper

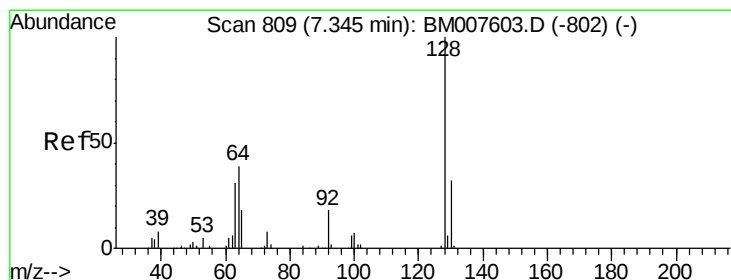
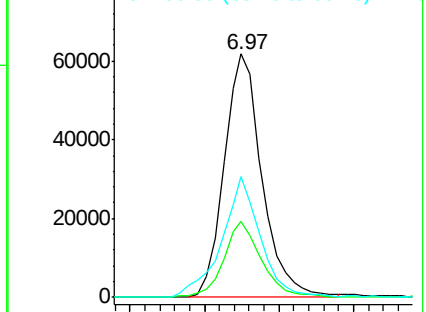
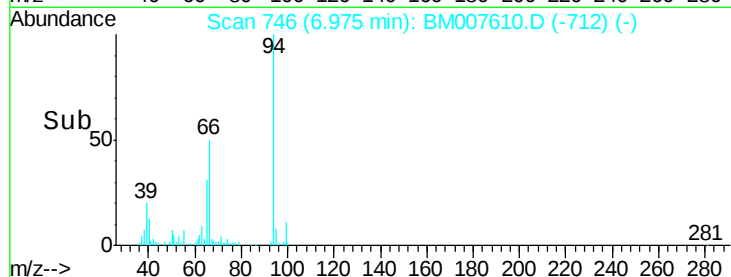
94 100

65 31.1 23.9 35.9

66 49.8 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007610.D (-712) (-)



#10

2-Chlorophenol

Concen: 20.38 ng/ul

RT: 7.34 min Scan# 808

Delta R.T. -0.01 min

Lab File: BM007610.D

Acq: 28 Sep 2016 20:07

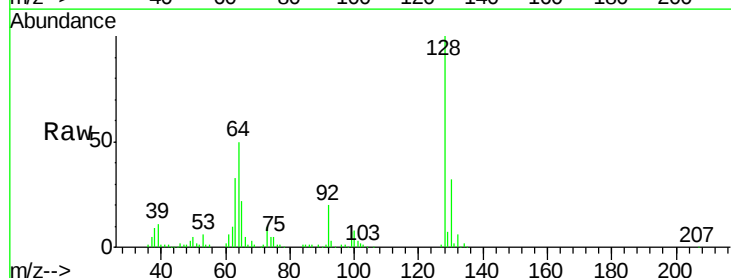
Tgt Ion: 128 Resp: 285775

Ion Ratio Lower Upper

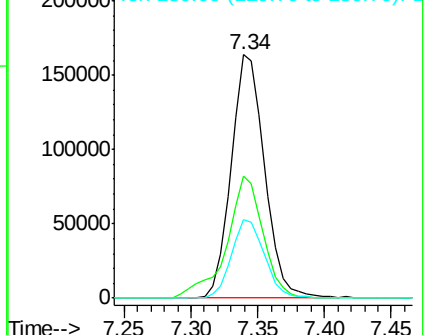
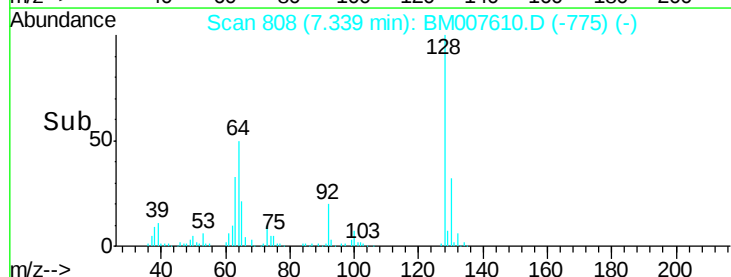
128 100

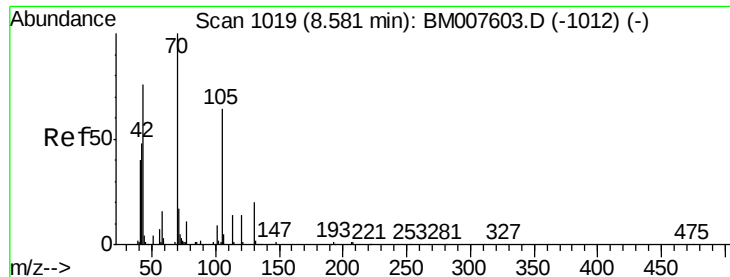
64 50.3 37.5 56.3

130 32.1 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): BM007610.D (-775) (-)

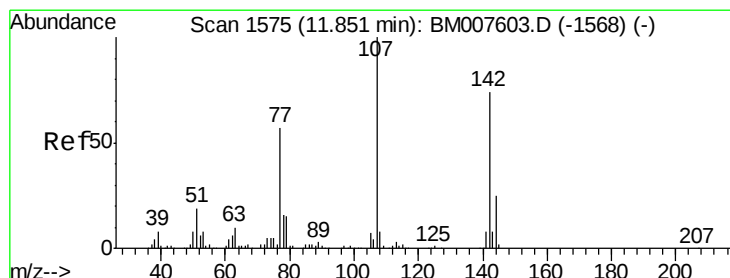
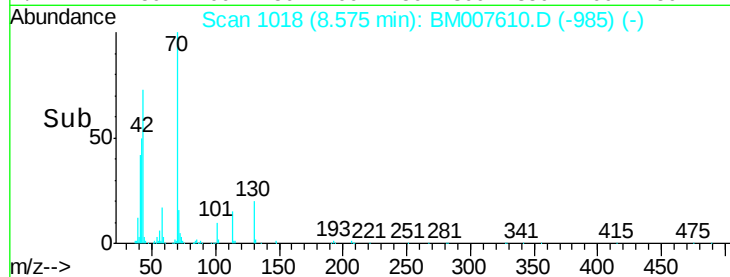
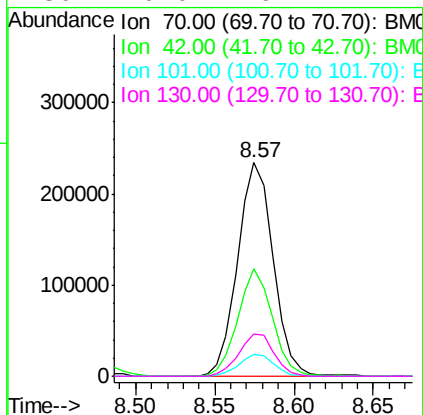
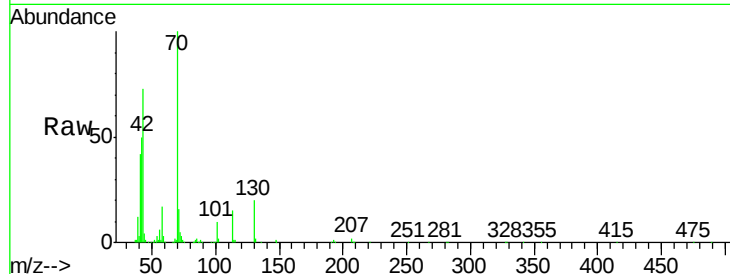




#15
N-Nitroso-di-n-propylamine
Concen: 28.72 ng/ul
RT: 8.57 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BM007610.D
Acq: 28 Sep 2016 20:07

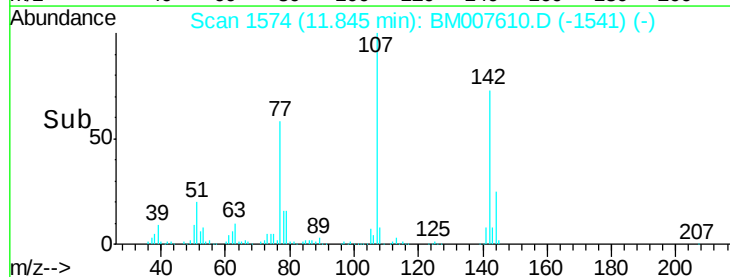
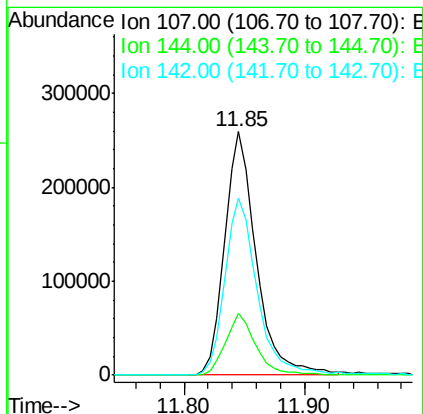
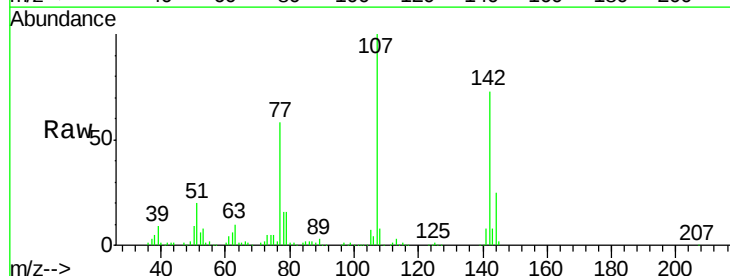
Instrument :
BNA_M
ClientSampleId :
A4VM1MSD

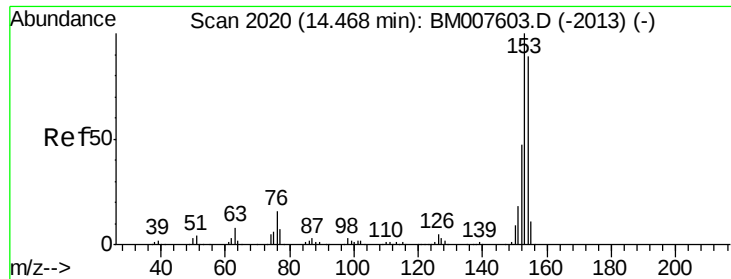
Tgt Ion:	70	Resp:	365132
Ion	Ratio	Lower	Upper
70	100		
42	50.1	43.4	65.2
101	10.4	7.8	11.6
130	20.0	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 23.21 ng/ul
RT: 11.85 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM007610.D
Acq: 28 Sep 2016 20:07

Tgt Ion:	107	Resp:	471759
Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.1	31.7
142	72.8	64.1	96.1





#49

Acenaphthene

Concen: 27.81 ng/ul

RT: 14.47 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BM007610.D

Acq: 28 Sep 2016 20:07

Instrument :

BNA_M

ClientSampleId :

A4VM1MSD

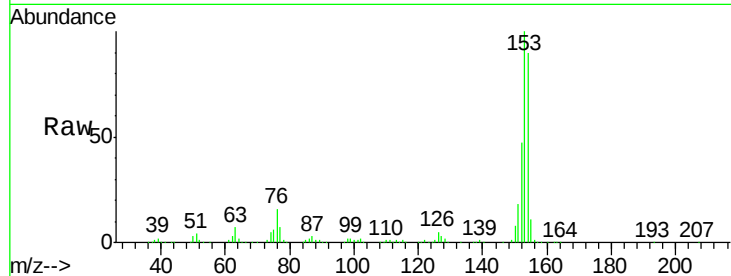
Tgt Ion:153 Resp: 1349970

Ion Ratio Lower Upper

153 100

152 47.1 37.8 56.6

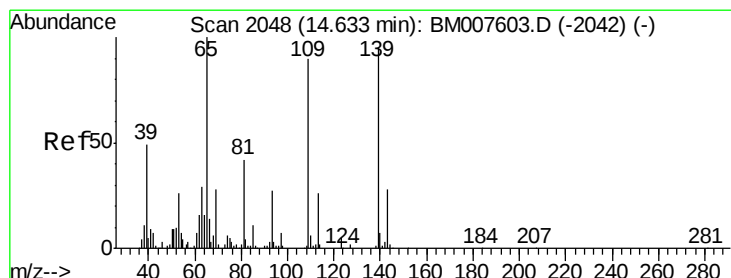
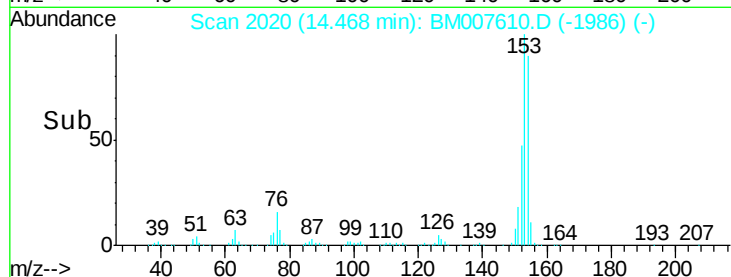
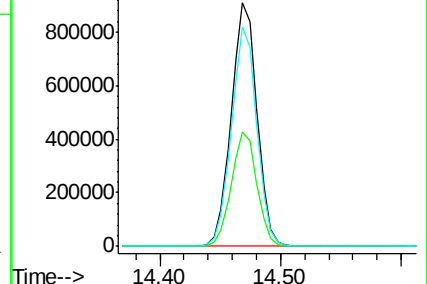
154 90.1 71.4 107.0



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: 5.21 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BM007610.D

Acq: 28 Sep 2016 20:07

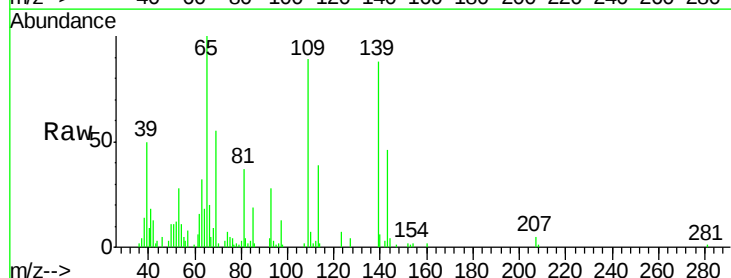
Tgt Ion:109 Resp: 58686

Ion Ratio Lower Upper

109 100

139 98.5 88.7 133.1

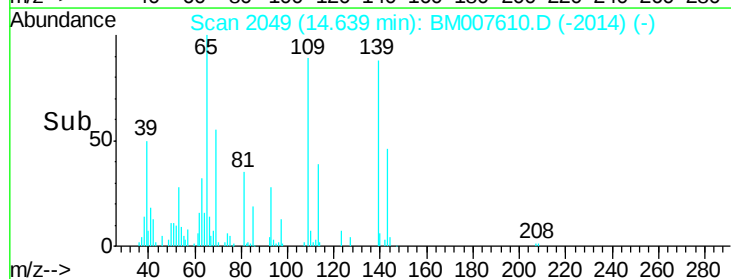
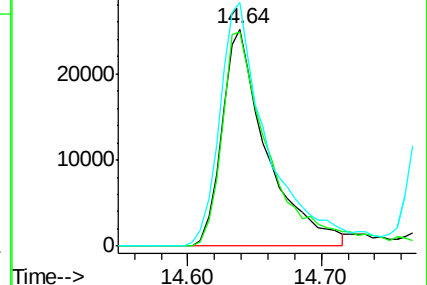
65 112.0 96.4 144.6

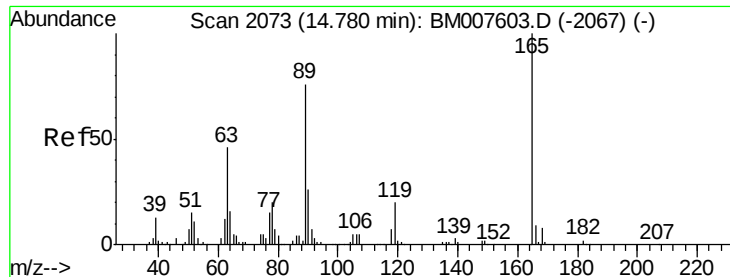


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

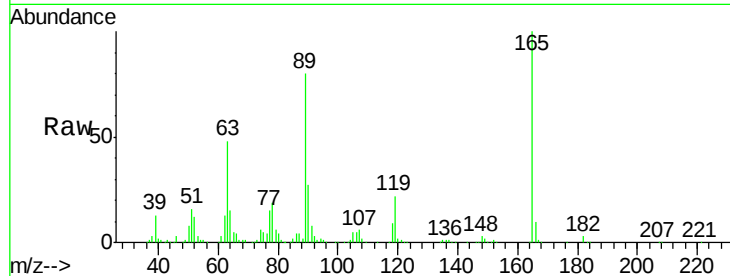




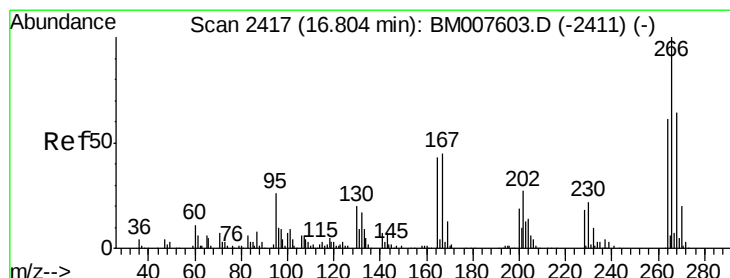
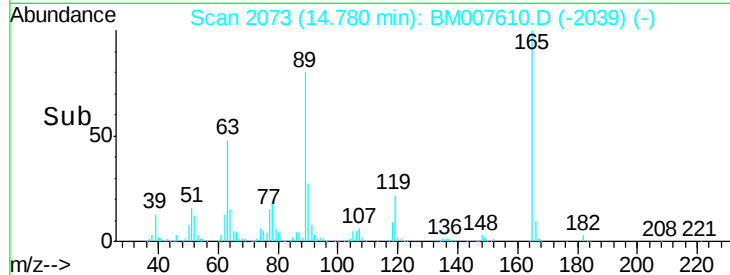
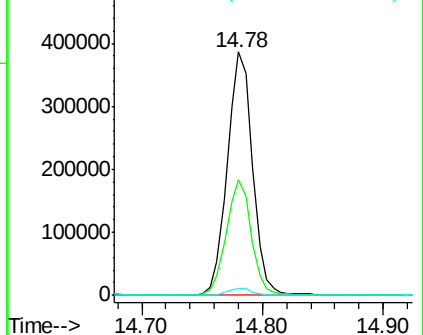
#54
2,4-Dinitrotoluene
Concen: 31.06 ng/ul
RT: 14.78 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BM007610.D
Acq: 28 Sep 2016 20:07

Instrument :
BNA_M
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A4VM1MSD

Tgt Ion:165 Resp: 564876
Ion Ratio Lower Upper
165 100
63 47.7 36.2 54.2
182 2.9 2.2 3.4

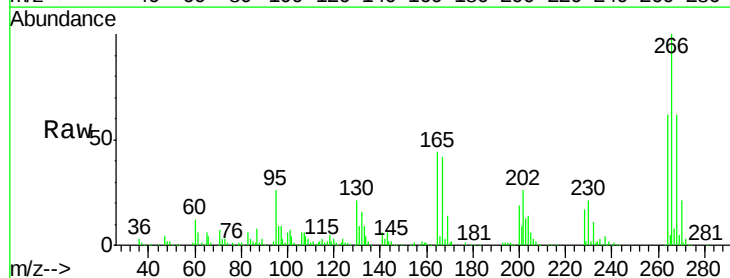


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E

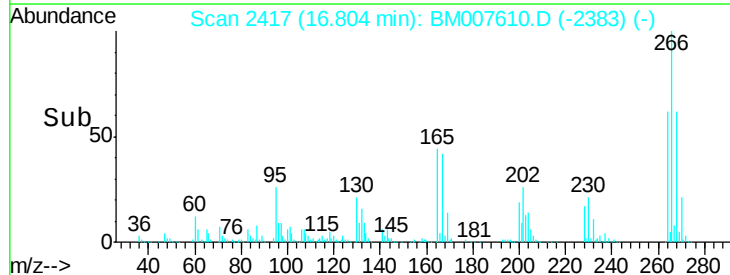
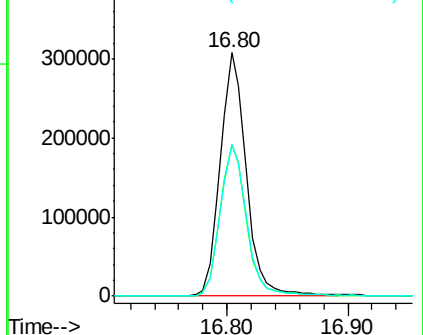


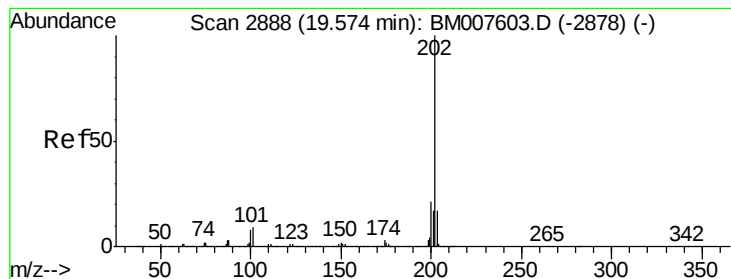
#68
Pentachlorophenol
Concen: 30.52 ng/ul
RT: 16.80 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM007610.D
Acq: 28 Sep 2016 20:07

Tgt Ion:266 Resp: 460722
Ion Ratio Lower Upper
266 100
264 62.5 50.6 75.8
268 62.3 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: 33.73 ng/ul

RT: 19.57 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BM007610.D

Acq: 28 Sep 2016 20:07

Instrument :

BNA_M

ClientSampleId :

A4VM1MSD

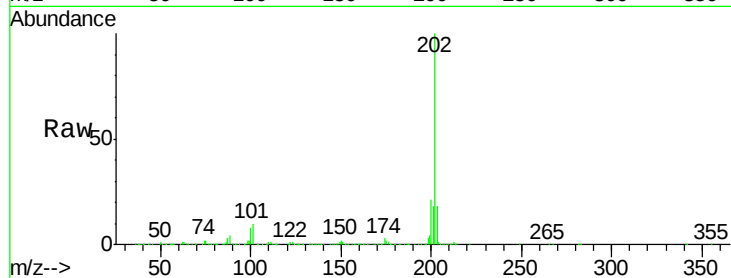
Tgt Ion: 202 Resp: 4374187

Ion Ratio Lower Upper

202 100

101 9.9 8.4 12.6

100 8.1 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

