

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062316\
 Data File : BM005958.D
 Acq On : 24 Jun 2016 08:23
 Operator : UM/SJ
 Sample : H3639-09MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z47MSD

Quant Time: Jun 24 16:04:23 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 00:58:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	304657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1391454	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	765947	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1701550	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	1936312	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1988744	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	13587	1.78	ng/uL	0.00
5) Phenol-d5	6.83	99	477146	18.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	322279	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	375220	18.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	387327	18.85	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	186543	18.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	188148	17.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	353576	17.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	490606	21.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1084868	17.83	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1346251	17.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	158138	13.29	ng/ul	0.00
57) Fluorene-d10	15.30	176	940862	17.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	117394	13.85	ng/ul	0.00
70) Anthracene-d10	17.15	188	1413243	18.23	ng/ul	0.00
76) Pyrene-d10	19.45	212	1577046	17.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1622020	18.10	ng/ul	0.00

Target Compounds

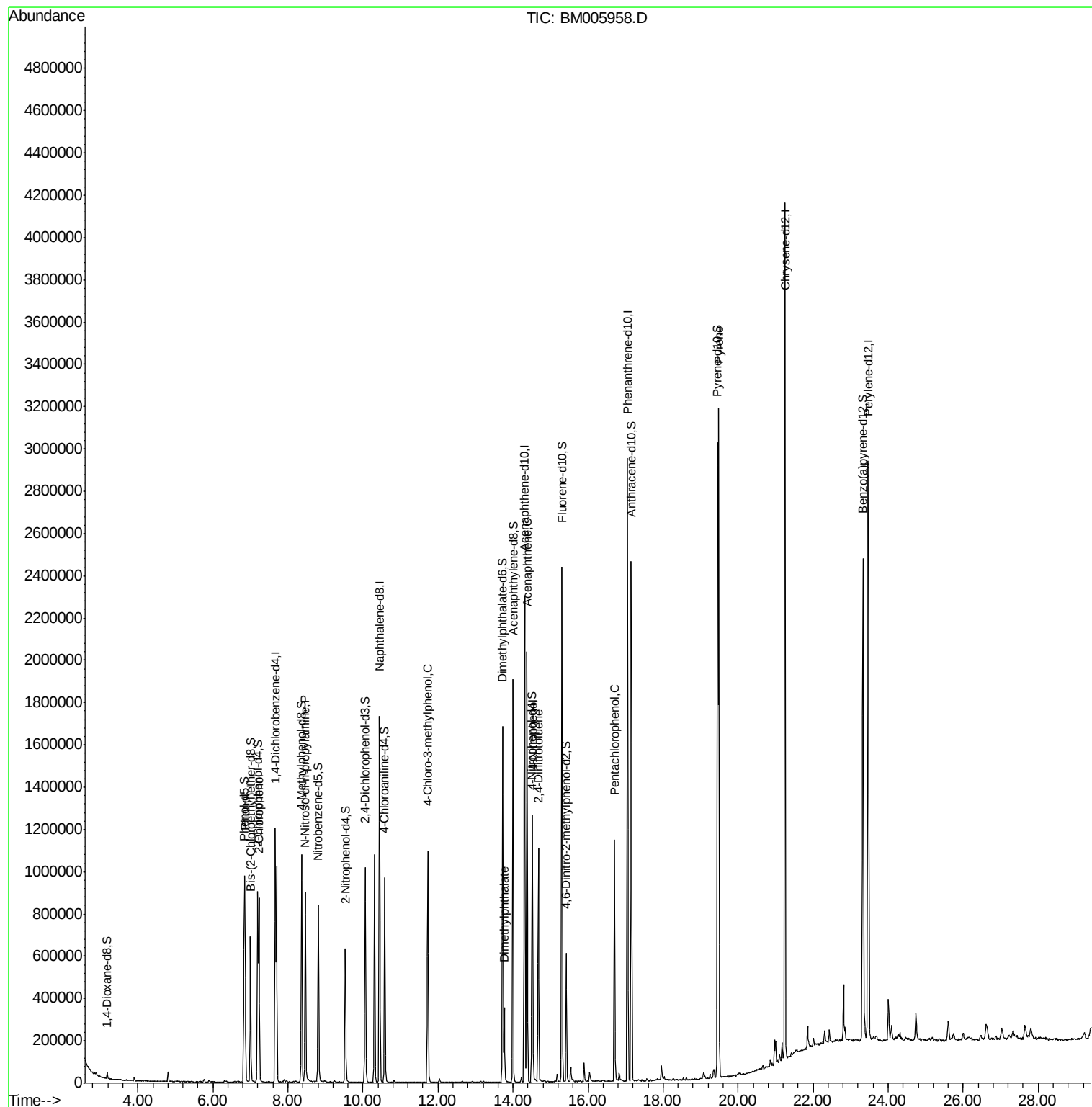
						Ovalue
6) Phenol	6.86	94	476630	16.70	ng/ul	97
10) 2-Chlorophenol	7.23	128	354955	16.44	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	313379	17.96	ng/ul	98
33) 4-Chloro-3-methylphenol	11.73	107	370643	15.29	ng/ul	97
44) Dimethylphthalate	13.77	163	213683	3.48	ng/ul	99
49) Acenaphthene	14.37	153	839158	16.43	ng/ul	99
52) 4-Nitrophenol	14.52	109	161176	14.16	ng/ul	98
54) 2,4-Dinitrotoluene	14.67	165	277608	15.69	ng/ul	100
68) Pentachlorophenol	16.70	266	182669	15.73	ng/ul	97
77) Pyrene	19.48	202	1881875	15.89	ng/ul	99

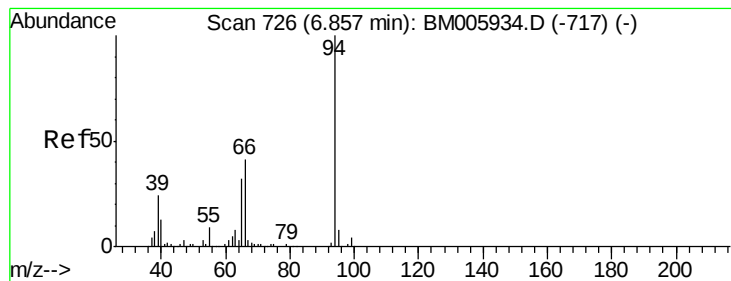
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 16.70 ng/ul

RT: 6.86 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM005958.D

Acq: 24 Jun 2016 08:23

Instrument :

BNA_M

ClientSampleId :

D9Z47MSD

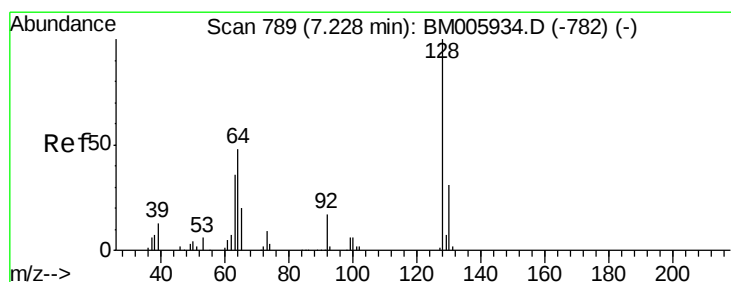
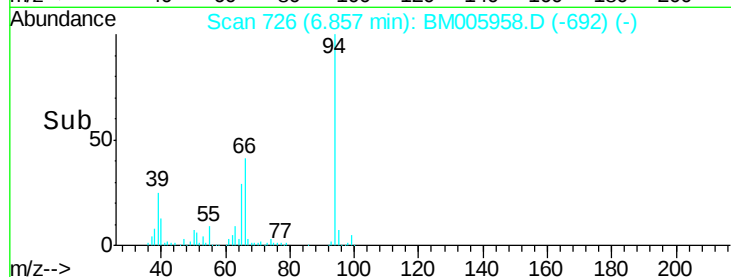
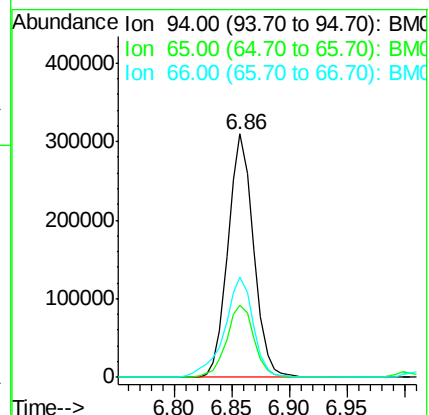
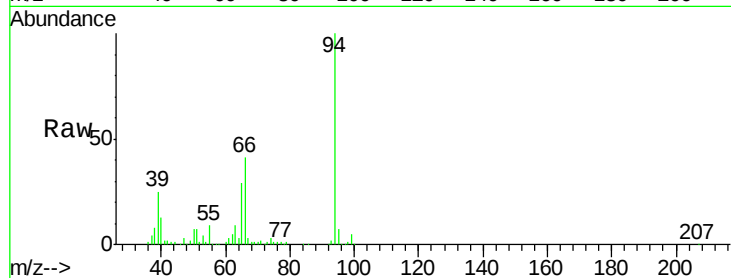
Tot Ion: 94 Resp: 476630

Ion Ratio Lower Upper

94 100

65 29.4 24.5 36.7

66 41.4 31.7 47.5



#10

2-Chlorophenol

Concen: 16.44 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. -0.00 min

Lab File: BM005958.D

Acq: 24 Jun 2016 08:23

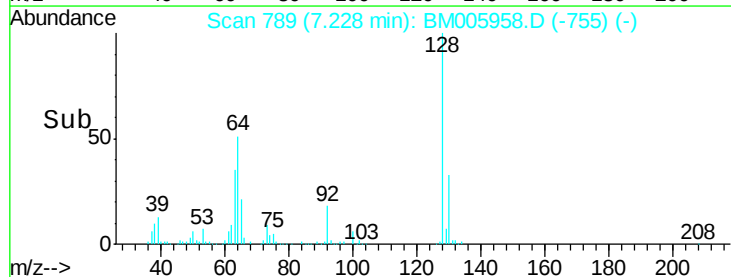
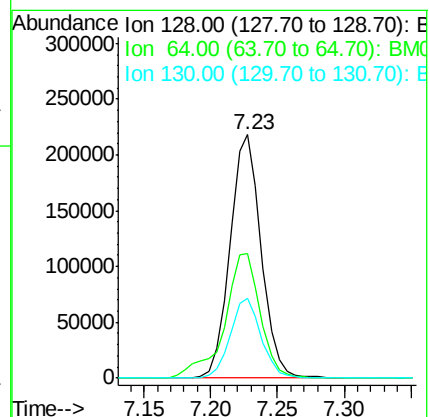
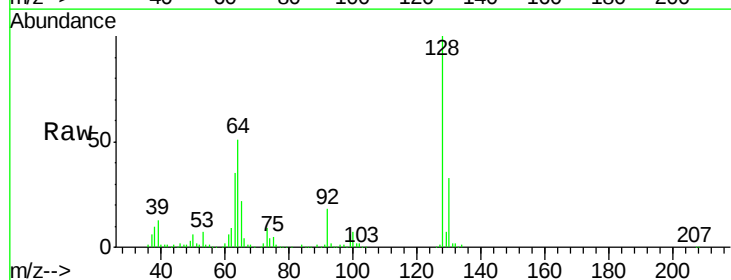
Tgt Ion:128 Resp: 354955

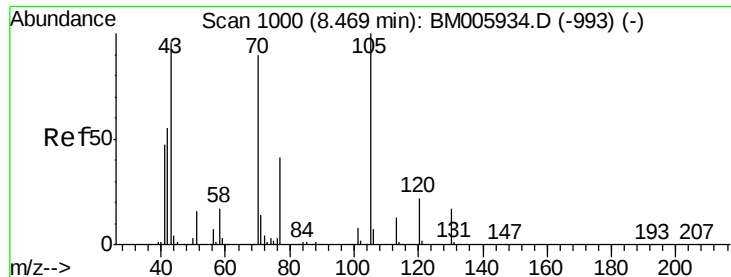
Ion Ratio Lower Upper

128 100

64 51.0 41.7 62.5

130 33.0 25.9 38.9

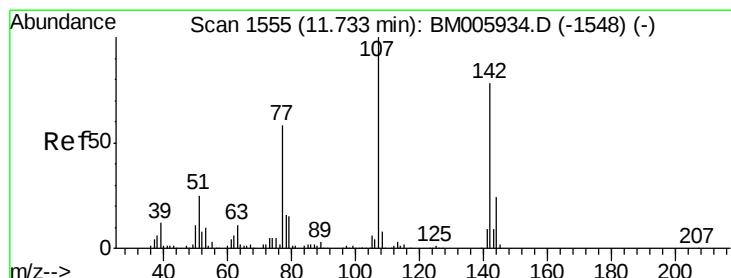
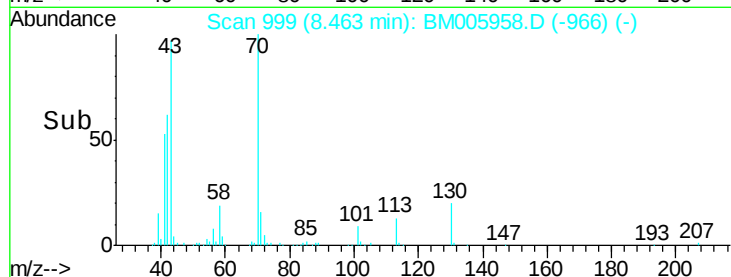
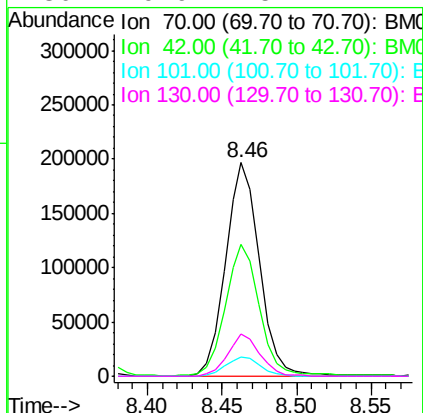
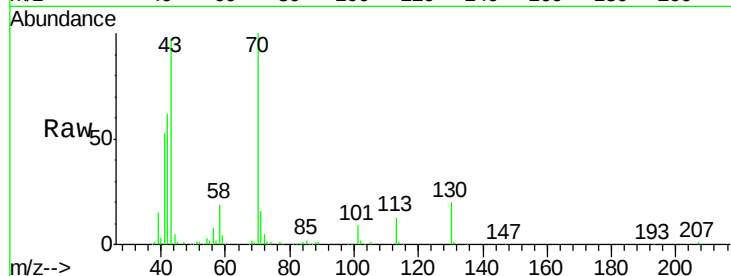




#15
N-Nitroso-di-n-propylamine
Concen: 17.96 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM005958.D
Acq: 24 Jun 2016 08:23

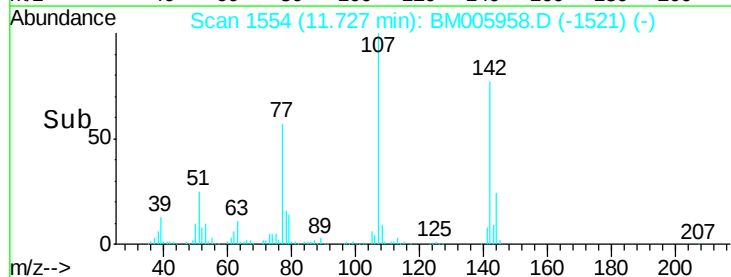
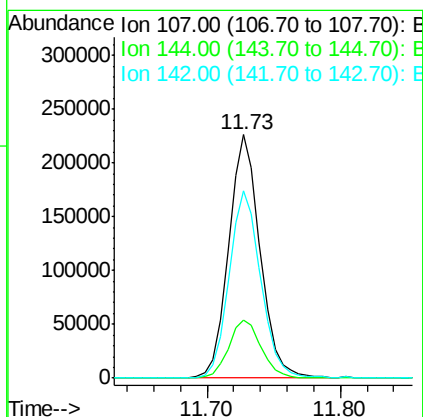
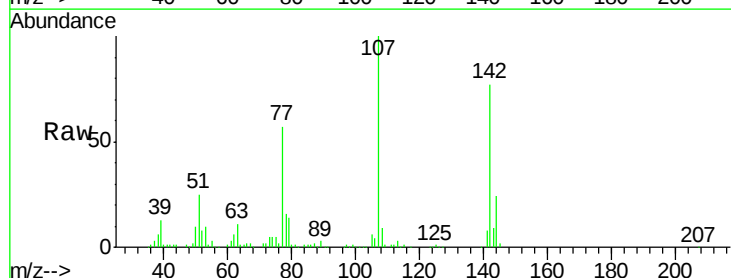
Instrument :
BNA_M
ClientSampleID :
D9Z47MSD

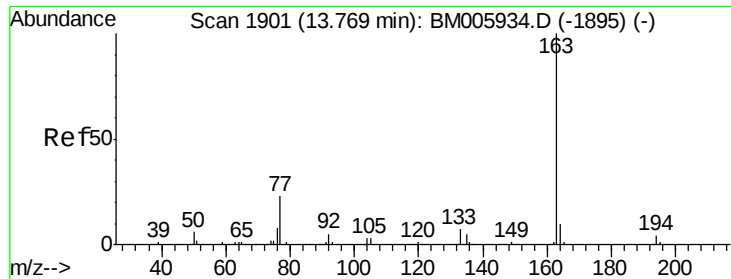
Tot Ion: 70 Resp: 313379
Ion Ratio Lower Upper
70 100
42 61.7 50.3 75.5
101 9.0 7.4 11.0
130 19.9 15.1 22.7



#33
4-Chloro-3-methylphenol
Concen: 15.29 ng/ul
RT: 11.73 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BM005958.D
Acq: 24 Jun 2016 08:23

Tgt Ion: 107 Resp: 370643
Ion Ratio Lower Upper
107 100
144 23.9 20.1 30.1
142 76.9 63.8 95.6





#44

Dimethylphthalate

Concen: 3.48 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BM005958.D

Acq: 24 Jun 2016 08:23

Instrument :

BNA_M

ClientSampleId :

D9Z47MSD

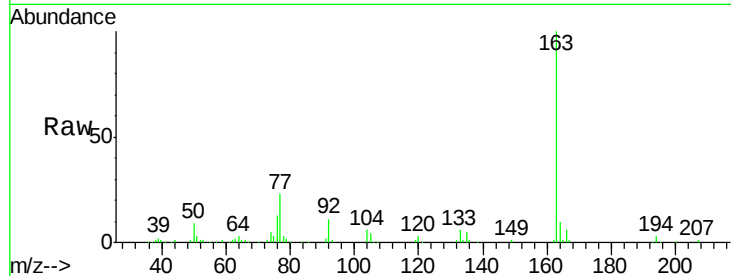
Tot Ion:163 Resp: 213683

Ion Ratio Lower Upper

163 100

194 3.2 3.1 4.7

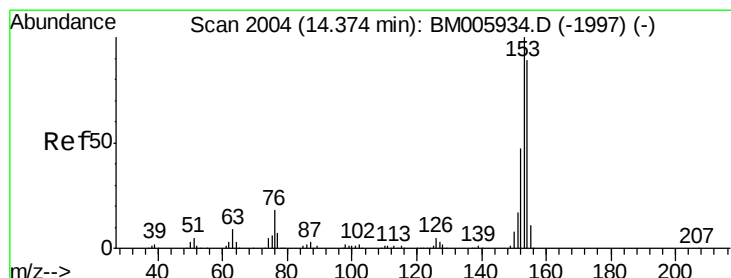
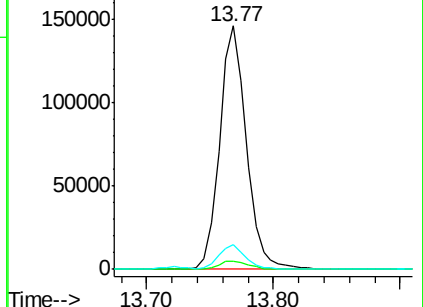
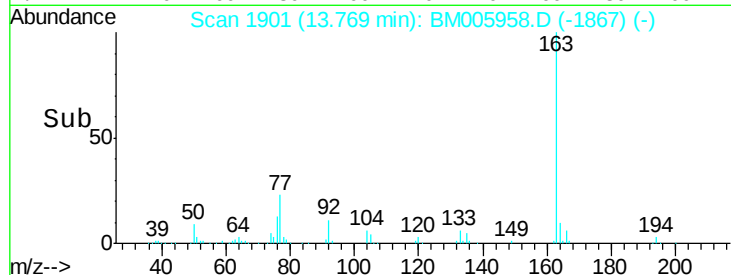
164 10.0 7.9 11.9



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: 16.43 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM005958.D

Acq: 24 Jun 2016 08:23

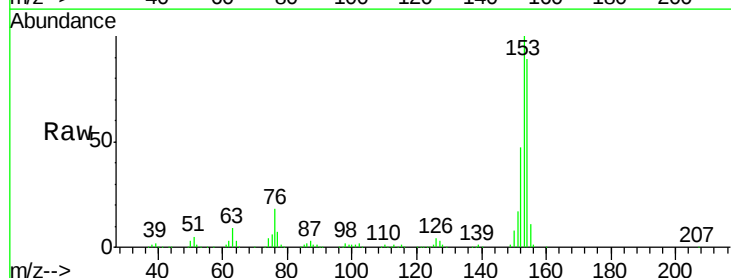
Tgt Ion:153 Resp: 839158

Ion Ratio Lower Upper

153 100

152 47.1 38.4 57.6

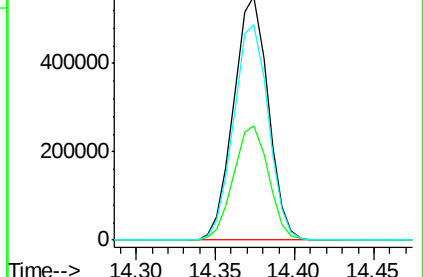
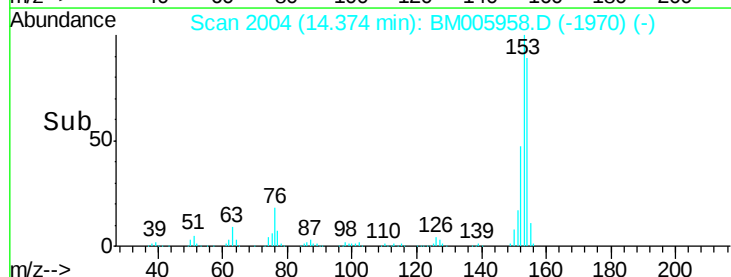
154 88.7 71.9 107.9

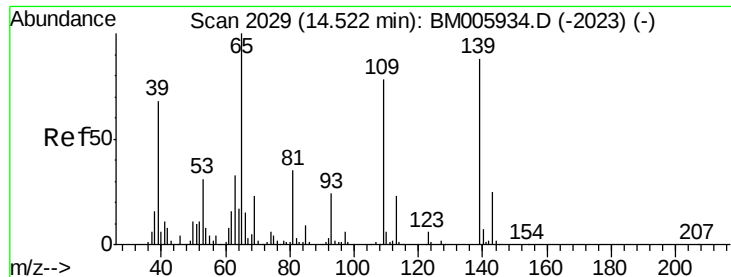


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 14.16 ng/ul

RT: 14.52 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BM005958.D

Acq: 24 Jun 2016 08:23

Instrument :

BNA_M

ClientSampleId :

D9Z47MSD

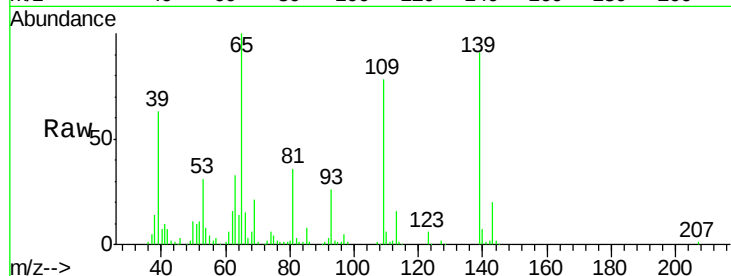
Tot Ion:109 Resp: 161176

Ion Ratio Lower Upper

109 100

139 117.0 93.1 139.7

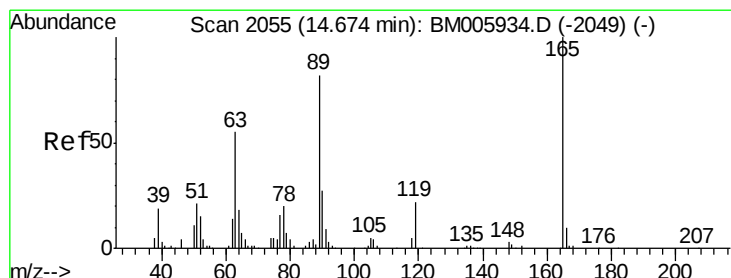
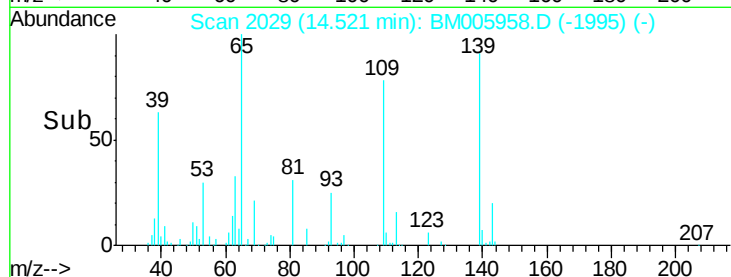
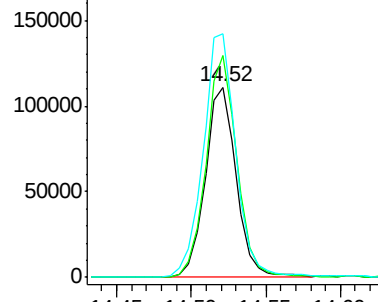
65 128.2 105.2 157.8



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: 15.69 ng/ul

RT: 14.67 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BM005958.D

Acq: 24 Jun 2016 08:23

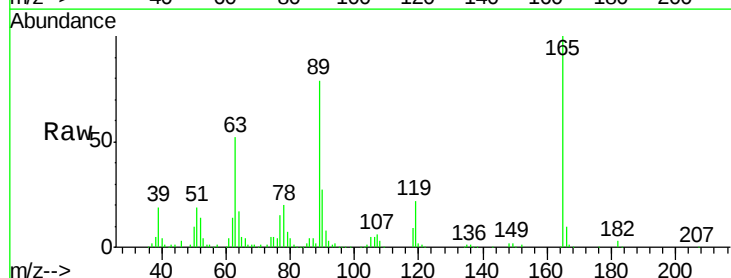
Tgt Ion:165 Resp: 277608

Ion Ratio Lower Upper

165 100

63 51.7 41.2 61.8

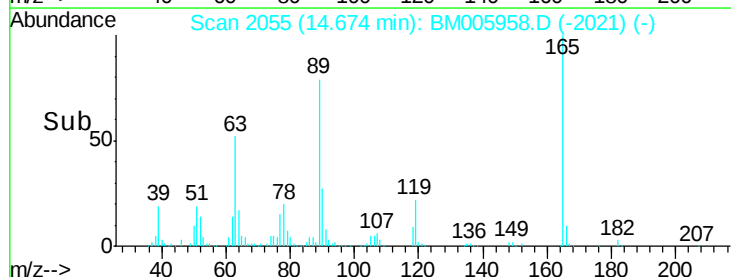
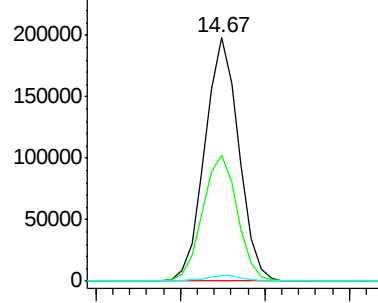
182 2.5 2.0 3.0

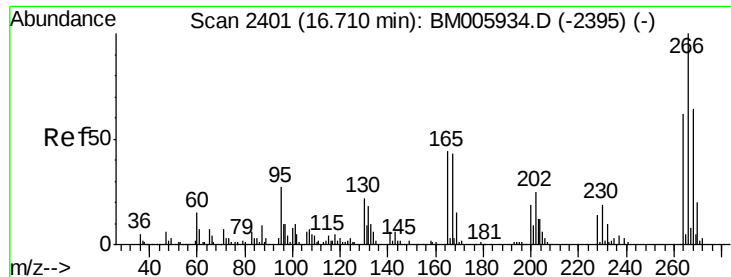


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

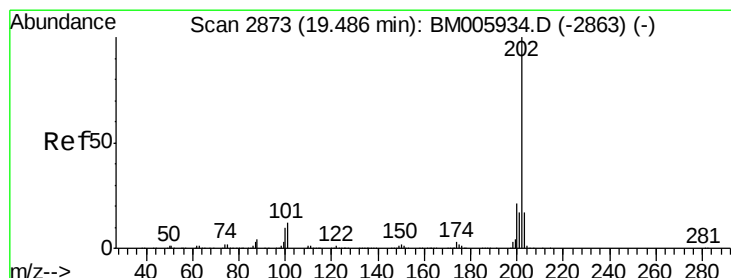
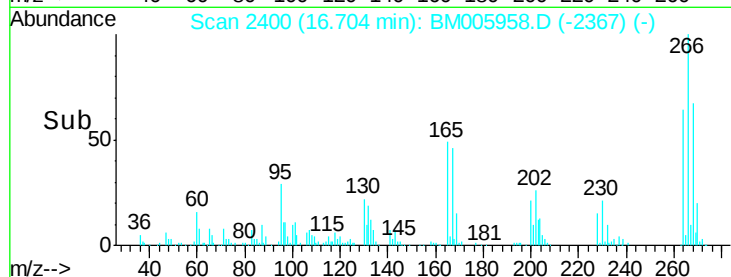
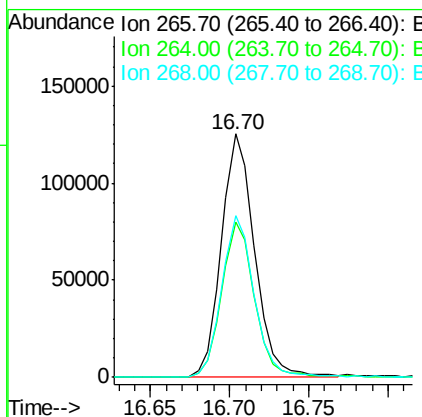
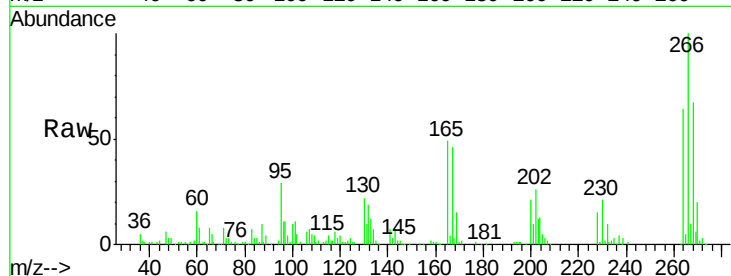




#68
 Pentachlorophenol
 Concen: 15.73 ng/ul
 RT: 16.70 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BM005958.D
 Acq: 24 Jun 2016 08:23

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 ClientSampleId :
 D9Z47MSD

Tot Ion:266 Resp: 182669
 Ion Ratio Lower Upper
 266 100
 264 63.8 52.1 78.1
 268 66.6 51.0 76.4



#77
 Pyrene
 Concen: 15.89 ng/ul
 RT: 19.48 min Scan# 2872
 Delta R.T. -0.01 min
 Lab File: BM005958.D
 Acq: 24 Jun 2016 08:23

Tgt Ion:202 Resp: 1881875
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.2 15.2
 100 10.9 8.2 12.4

