

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062316\
 Data File : BM005957.D
 Acq On : 24 Jun 2016 07:47
 Operator : UM/SJ
 Sample : H3639-08MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z47MS

Quant Time: Jun 24 15:38:00 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	300898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1316213	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	743294	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1717647	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	2007416	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	2080406	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	12762	1.69	ng/uL	0.00
5) Phenol-d5	6.83	99	453196	17.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	300986	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	356301	17.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	363180	17.89	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	174291	18.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	176929	17.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	327574	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	469052	22.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1057363	17.90	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1295151	17.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	159717	13.83	ng/ul	0.00
57) Fluorene-d10	15.30	176	927785	18.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	116275	13.59	ng/ul	0.00
70) Anthracene-d10	17.15	188	1423946	18.20	ng/ul	0.00
76) Pyrene-d10	19.45	212	1617065	17.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1675491	17.87	ng/ul	0.00

Target Compounds

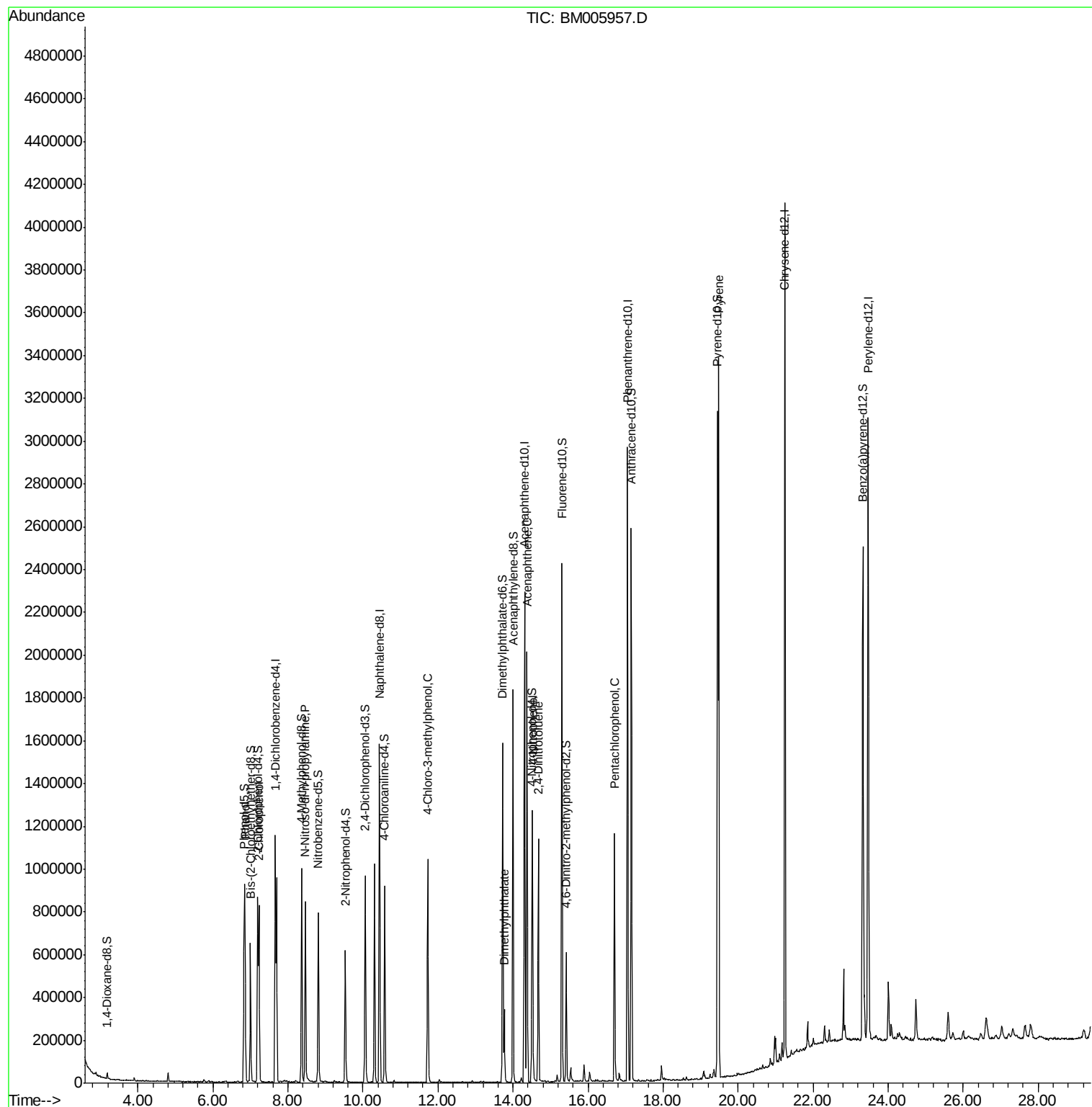
						Ovalue
6) Phenol	6.86	94	451777	16.03	ng/ul	98
10) 2-Chlorophenol	7.23	128	333737	15.65	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	292051	16.95	ng/ul	99
33) 4-Chloro-3-methylphenol	11.73	107	360227	15.71	ng/ul	96
44) Dimethylphthalate	13.77	163	206040	3.46	ng/ul	99
49) Acenaphthene	14.37	153	815495	16.45	ng/ul	100
52) 4-Nitrophenol	14.52	109	162272	14.69	ng/ul	98
54) 2,4-Dinitrotoluene	14.67	165	275411	16.04	ng/ul	98
68) Pentachlorophenol	16.70	266	186084	15.88	ng/ul	98
77) Pyrene	19.48	202	1937391	15.78	ng/ul	100

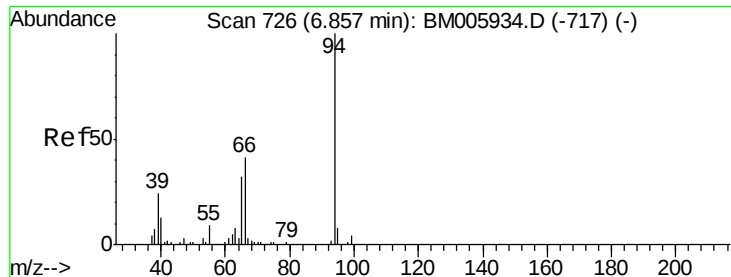
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 16.03 ng/ul

RT: 6.86 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM005957.D

Acq: 24 Jun 2016 07:47

Instrument :

BNA_M

ClientSampleId :

D9Z47MS

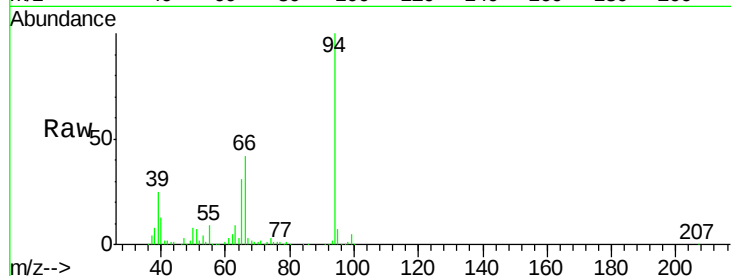
Tot Ion: 94 Resp: 451777

Ion Ratio Lower Upper

94 100

65 30.8 24.5 36.7

66 41.5 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005934.D (-717) (-)

Ion 65.00 (64.70 to 65.70): BM005934.D (-717) (-)

Ion 66.00 (65.70 to 66.70): BM005934.D (-717) (-)

6.86

300000

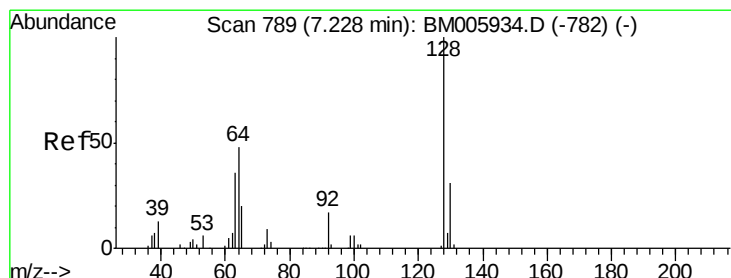
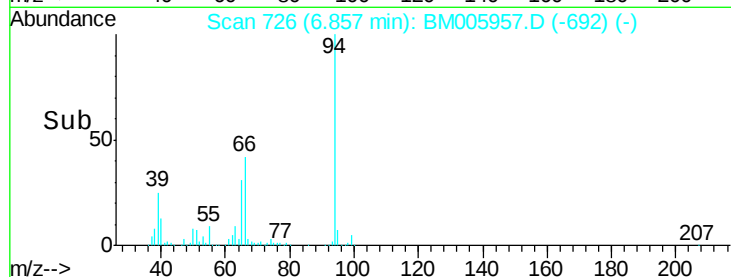
200000

100000

0

6.80 6.85 6.90

Time-->



#10

2-Chlorophenol

Concen: 15.65 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. -0.00 min

Lab File: BM005957.D

Acq: 24 Jun 2016 07:47

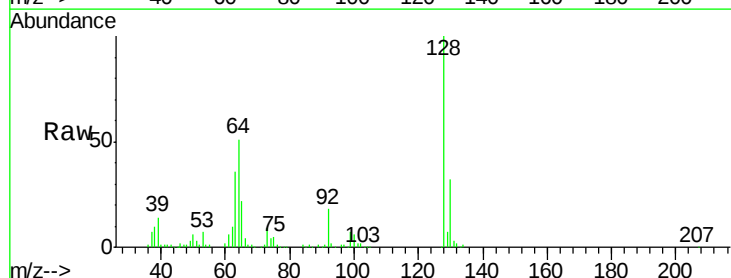
Tgt Ion:128 Resp: 333737

Ion Ratio Lower Upper

128 100

64 51.3 41.7 62.5

130 32.1 25.9 38.9



Abundance Ion 128.00 (127.70 to 128.70): BM005934.D (-782) (-)

Ion 64.00 (63.70 to 64.70): BM005934.D (-782) (-)

Ion 130.00 (129.70 to 130.70): BM005934.D (-782) (-)

7.23

250000

200000

150000

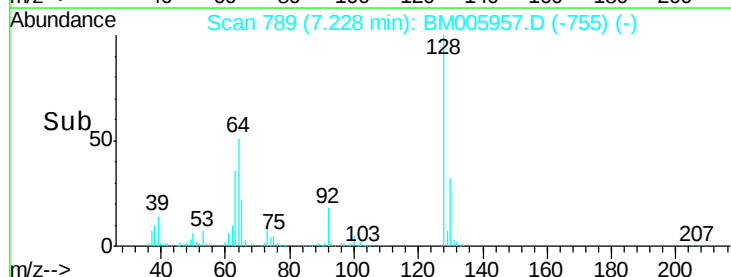
100000

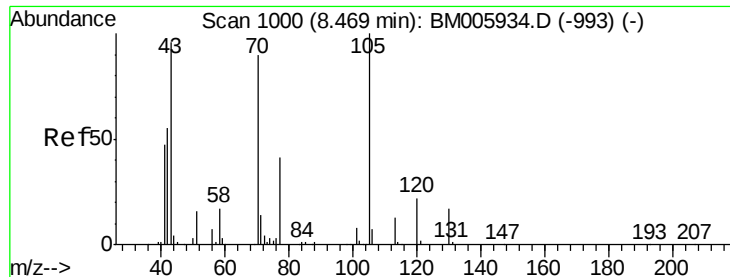
50000

0

7.15 7.20 7.25 7.30

Time-->

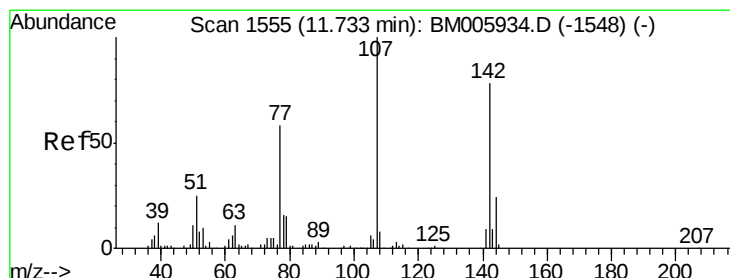
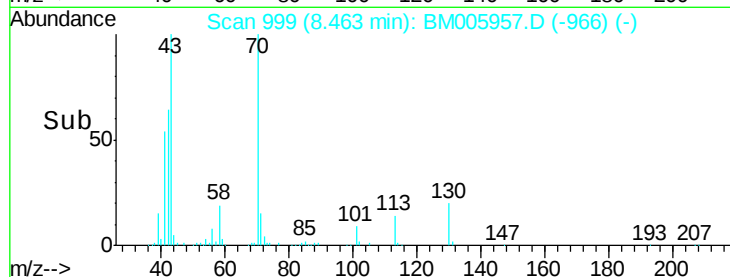
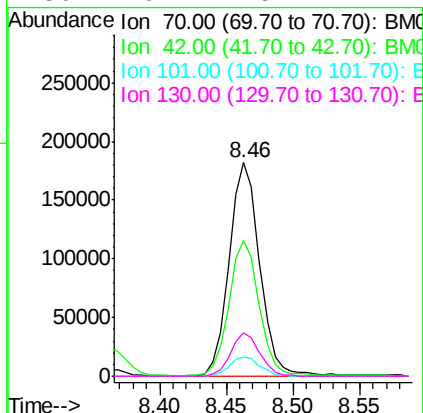
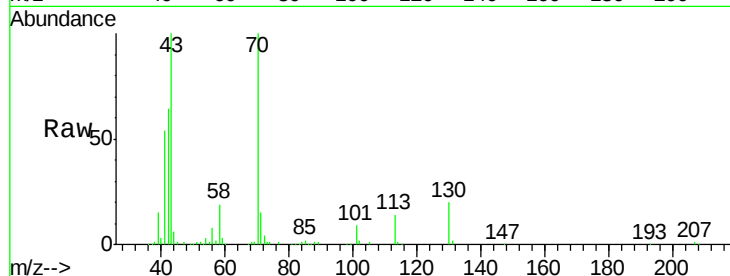




#15
N-Nitroso-di-n-propylamine
Concen: 16.95 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

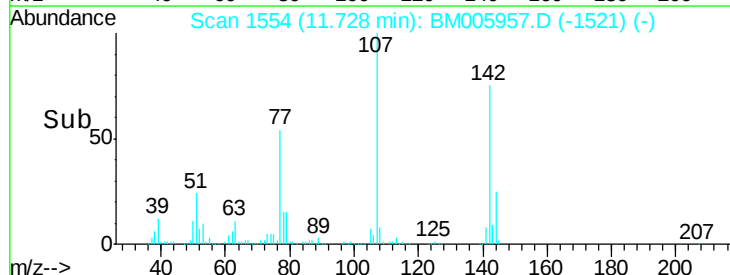
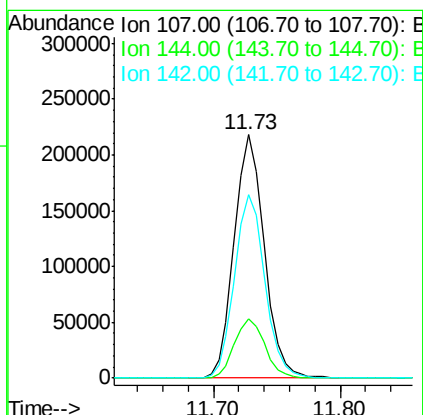
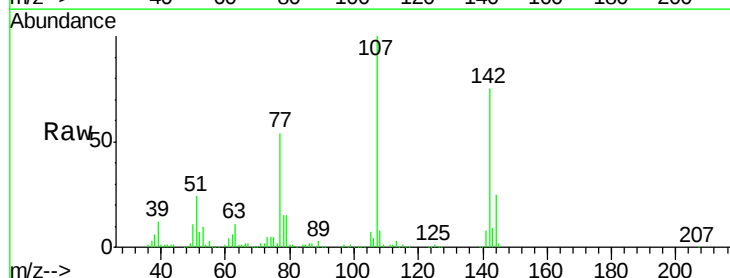
Instrument :
BNA_M
ClientSampleId :
D9Z47MS

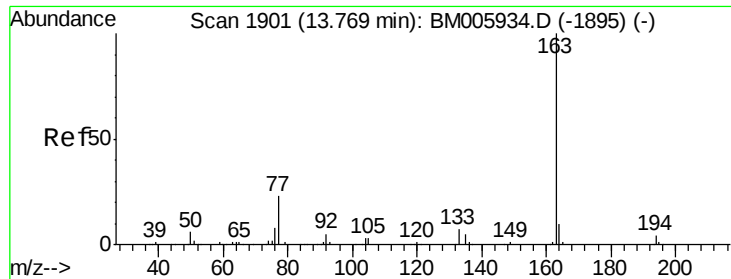
Tot Ion:	70	Resp:	292051
Ion	Ratio	Lower	Upper
70	100		
42	63.5	50.3	75.5
101	8.9	7.4	11.0
130	20.1	15.1	22.7



#33
4-Chloro-3-methylphenol
Concen: 15.71 ng/ul
RT: 11.73 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Tgt Ion:	107	Resp:	360227
Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.1	30.1
142	75.2	63.8	95.6





#44

Dimethylphthalate

Concen: 3.46 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BM005957.D

Acq: 24 Jun 2016 07:47

Instrument :

BNA_M

ClientSampleId :

D9Z47MS

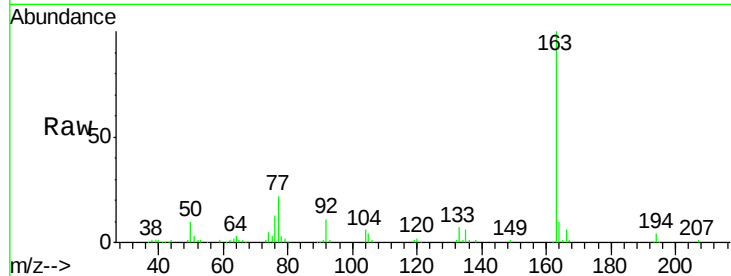
Tot Ion:163 Resp: 206040

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

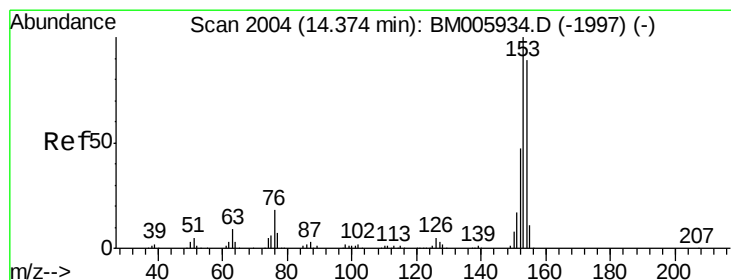
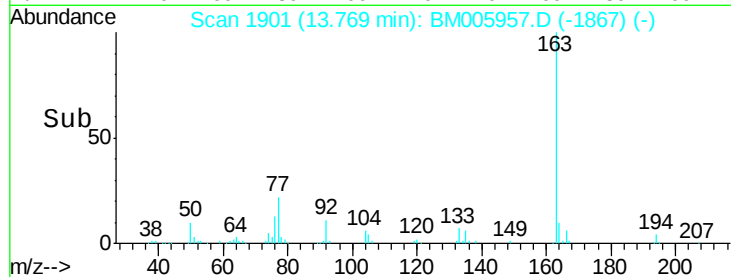
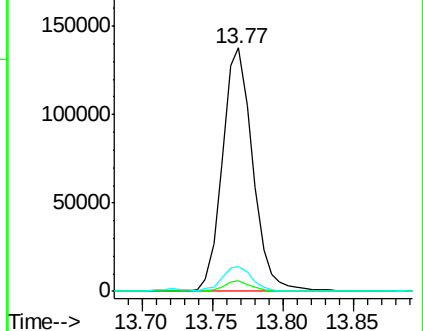
164 10.1 7.9 11.9



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: 16.45 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM005957.D

Acq: 24 Jun 2016 07:47

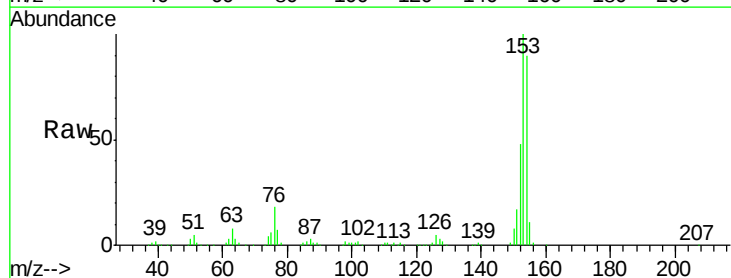
Tgt Ion:153 Resp: 815495

Ion Ratio Lower Upper

153 100

152 47.8 38.4 57.6

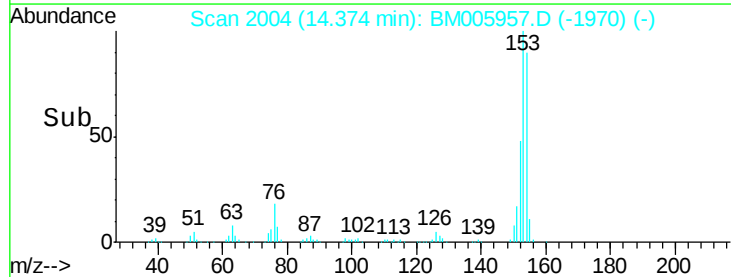
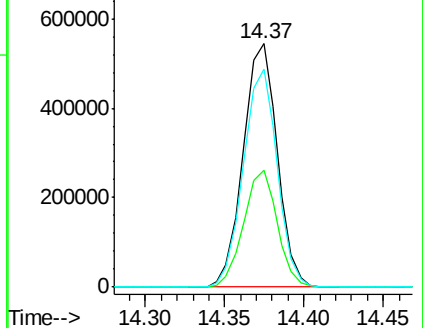
154 89.6 71.9 107.9

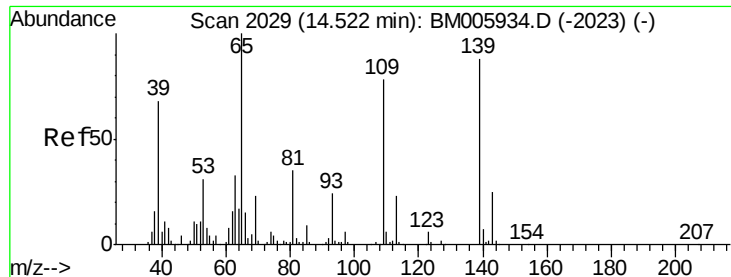


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 14.69 ng/ul

RT: 14.52 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BM005957.D

Acq: 24 Jun 2016 07:47

Instrument :

BNA_M

ClientSampleId :

D9Z47MS

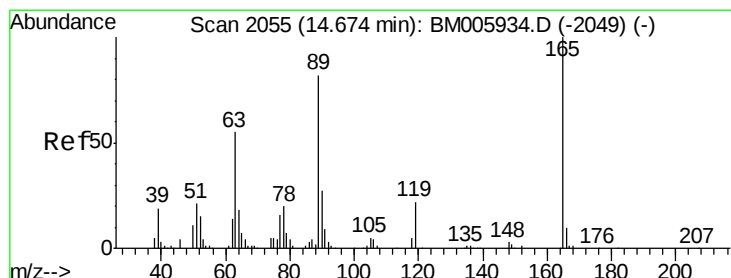
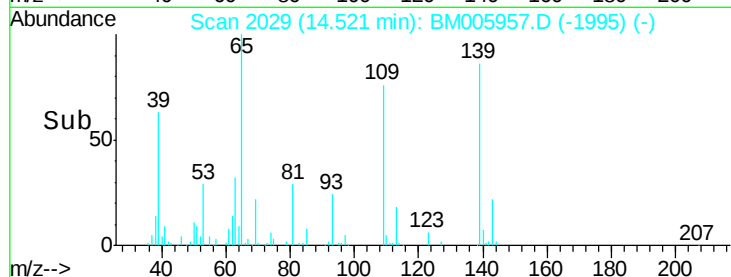
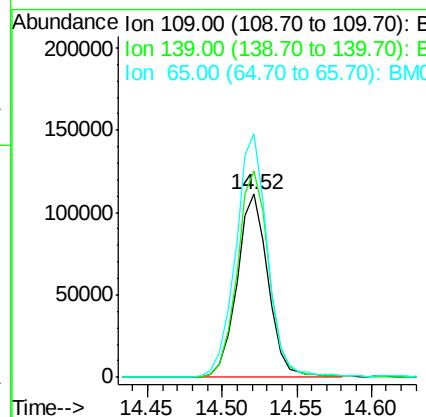
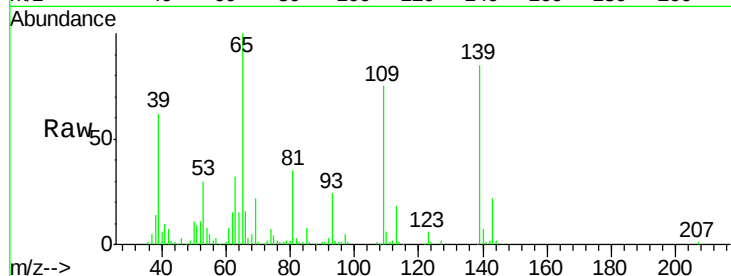
Tot Ion:109 Resp: 162272

Ion Ratio Lower Upper

109 100

139 113.0 93.1 139.7

65 132.9 105.2 157.8



#54

2,4-Dinitrotoluene

Concen: 16.04 ng/ul

RT: 14.67 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BM005957.D

Acq: 24 Jun 2016 07:47

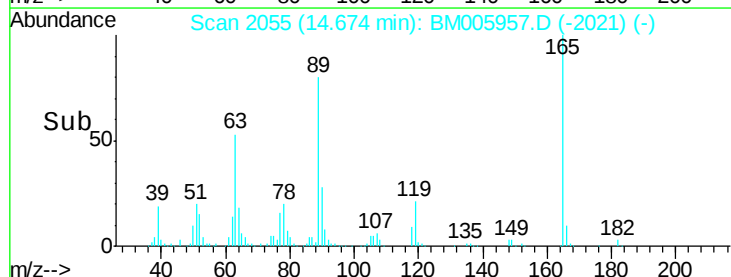
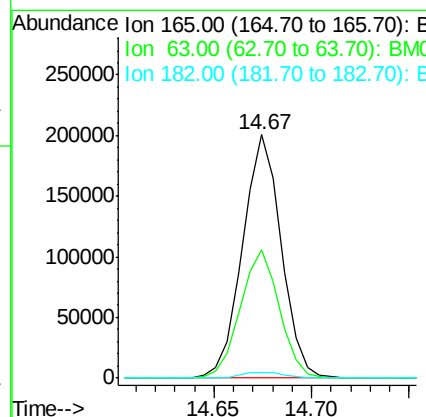
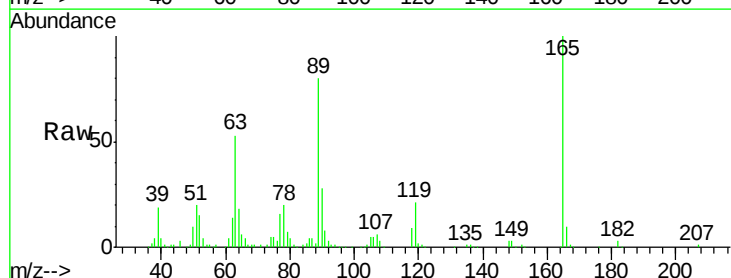
Tgt Ion:165 Resp: 275411

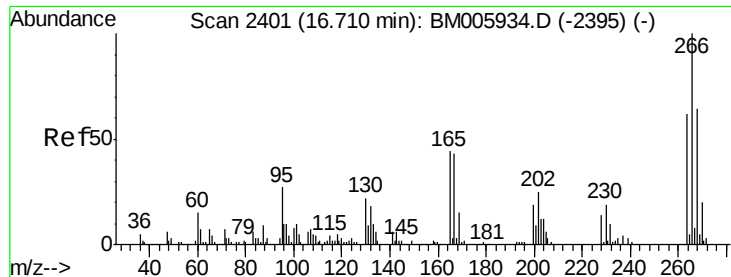
Ion Ratio Lower Upper

165 100

63 52.9 41.2 61.8

182 2.5 2.0 3.0

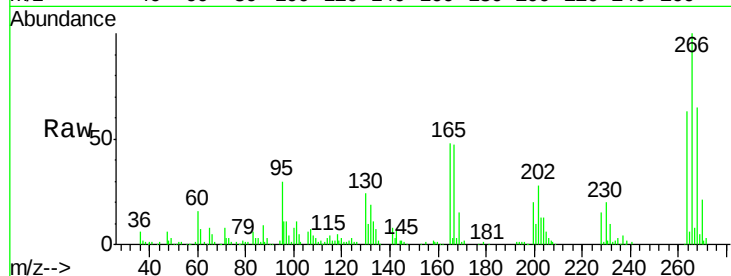




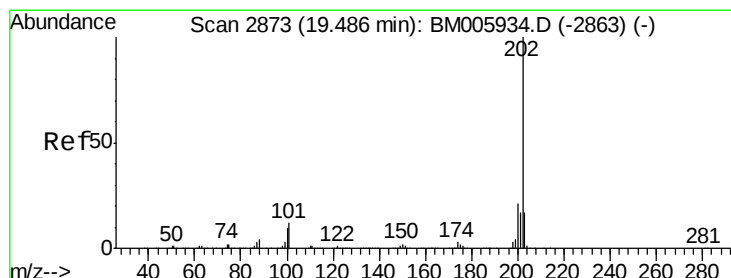
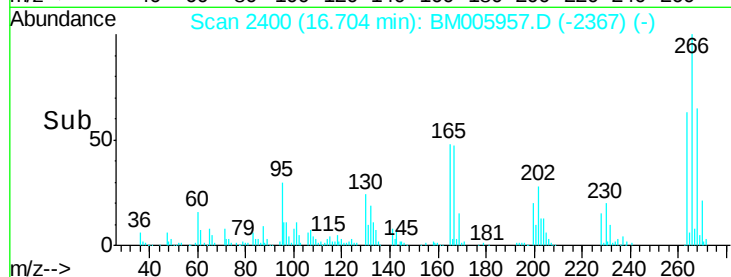
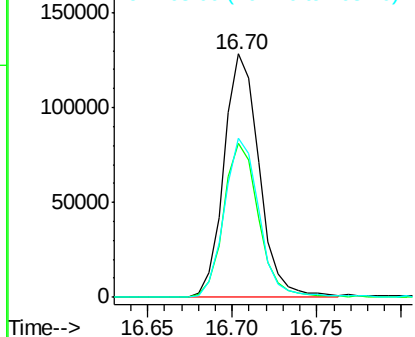
#68
 Pentachlorophenol
 Concen: 15.88 ng/ul
 RT: 16.70 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BM005957.D
 Acq: 24 Jun 2016 07:47

Instrument :
 BNA_M
 ClientSampleId :
 D9Z47MS

Tot Ion:266 Resp: 186084
 Ion Ratio Lower Upper
 266 100
 264 63.3 52.1 78.1
 268 65.1 51.0 76.4

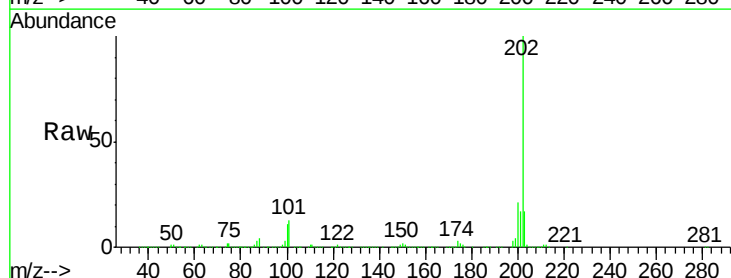


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 15.78 ng/ul
 RT: 19.48 min Scan# 2872
 Delta R.T. -0.01 min
 Lab File: BM005957.D
 Acq: 24 Jun 2016 07:47

Tgt Ion:202 Resp: 1937391
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.2 15.2
 100 10.6 8.2 12.4



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

