

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
 Data File : BM000454.D
 Acq On : 10 Feb 2015 06:33
 Operator : TP/IZ
 Sample : G1249-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FL2MSD

Quant Time: Feb 10 08:10:21 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 10 05:48:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	202372	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	818156	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	513214	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1189112	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1336783	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1253775	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.89	99	63911	4.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	181560	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	205612	17.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	124345	11.16	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	126274	24.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	134367	23.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	245275	19.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	1861	0.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	952229	26.93	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1126228	23.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	24729	4.27	ng/ul	0.00
57) Fluorene-d10	15.37	176	870258	24.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	143997	22.88	ng/ul	0.00
70) Anthracene-d10	17.22	188	1401358	25.91	ng/ul	0.00
76) Pyrene-d10	19.52	212	1599861	25.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1397899	24.96	ng/ul	0.00

Target Compounds

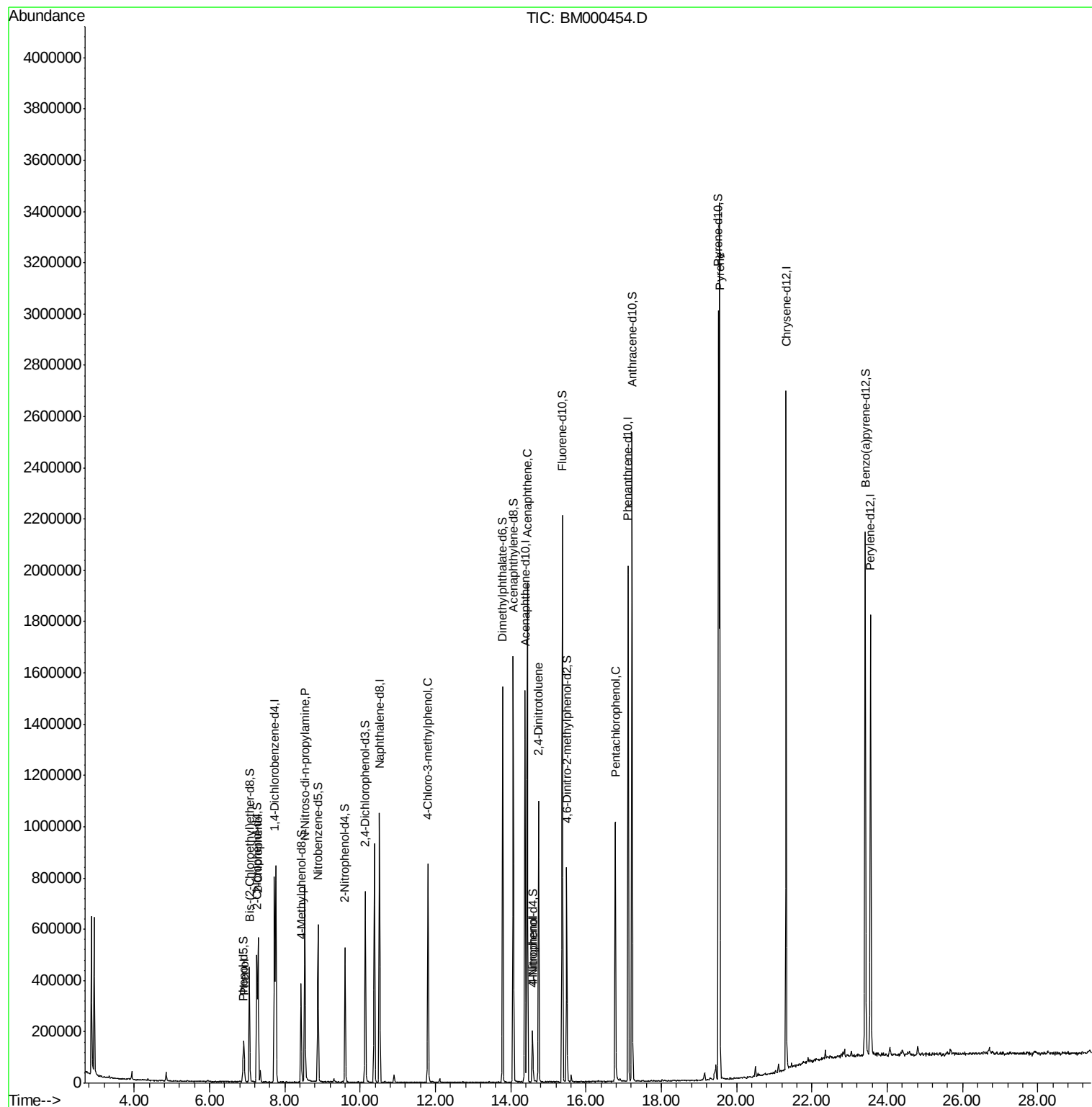
						Qvalue
6) Phenol	6.92	94	68027	4.89	ng/ul	96
10) 2-Chlorophenol	7.29	128	213696	17.86	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	213456	25.00	ng/ul	96
33) 4-Chloro-3-methylphenol	11.80	107	263222	20.63	ng/ul	98
49) Acenaphthene	14.44	153	770598	23.12	ng/ul	98
52) 4-Nitrophenol	14.58	109	30354	4.28	ng/ul	89
54) 2,4-Dinitrotoluene	14.74	165	262541	26.20	ng/ul	98
68) Pentachlorophenol	16.77	266	163253	24.05	ng/ul	97
77) Pyrene	19.54	202	2050701	24.74	ng/ul	99

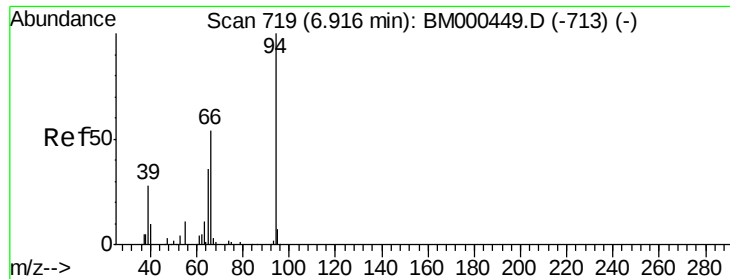
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 4.89 ng/ul

RT: 6.92 min Scan# 719

Delta R.T. 0.00 min

Lab File: BM000454.D

Acq: 10 Feb 2015 06:33

Instrument :

BNA_M

ClientSampled :

A4FL2MSD

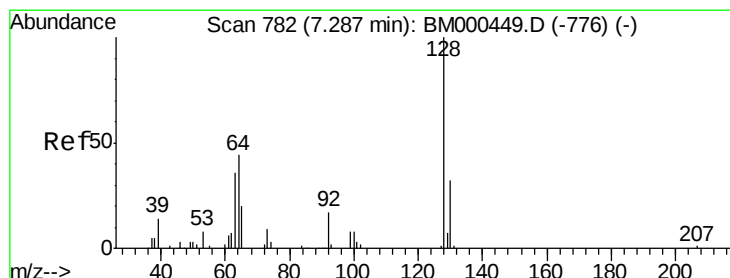
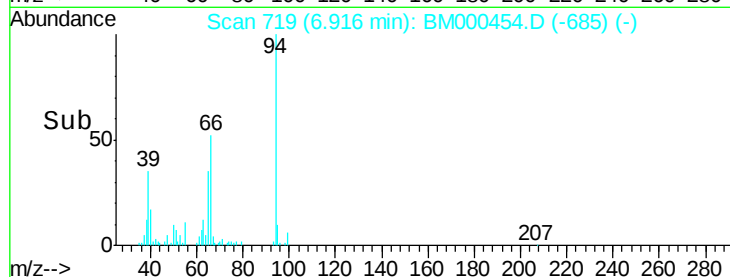
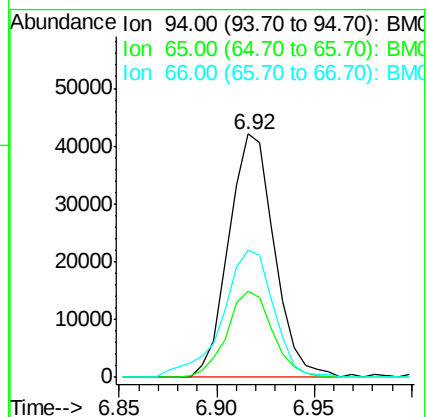
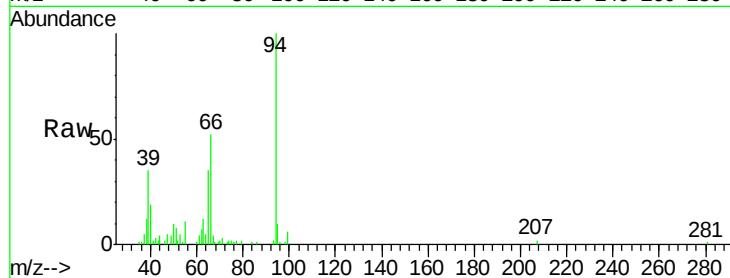
Tgt Ion: 94 Resp: 68027

Ion Ratio Lower Upper

94 100

65 35.3 27.0 40.4

66 52.3 44.6 66.8



#10

2-Chlorophenol

Concen: 17.86 ng/ul

RT: 7.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: BM000454.D

Acq: 10 Feb 2015 06:33

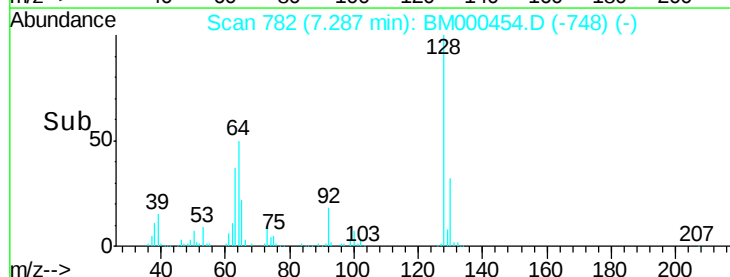
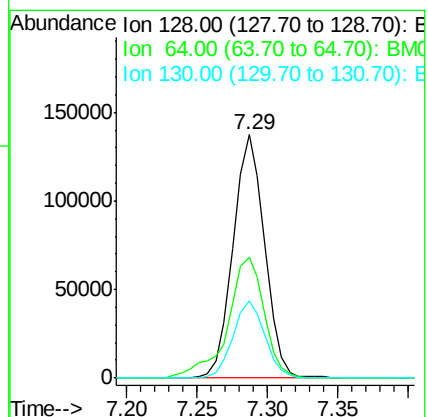
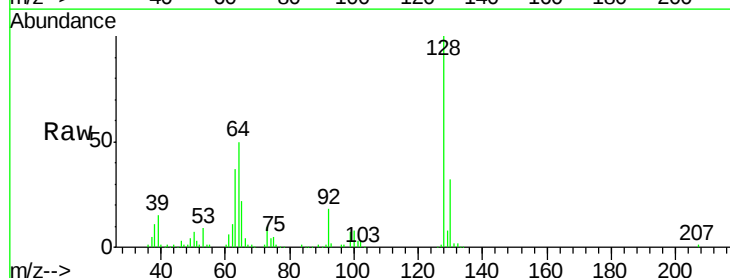
Tgt Ion: 128 Resp: 213696

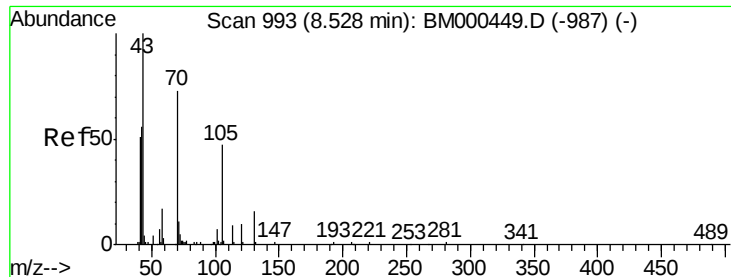
Ion Ratio Lower Upper

128 100

64 49.8 42.6 64.0

130 31.9 27.2 40.8

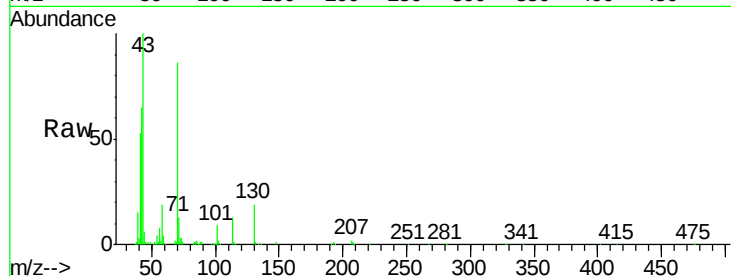




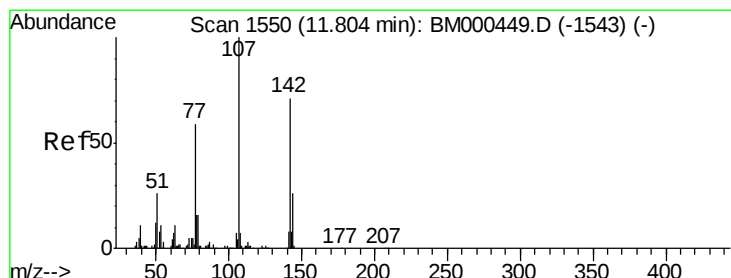
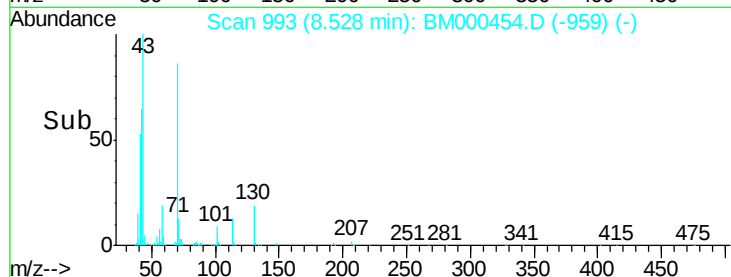
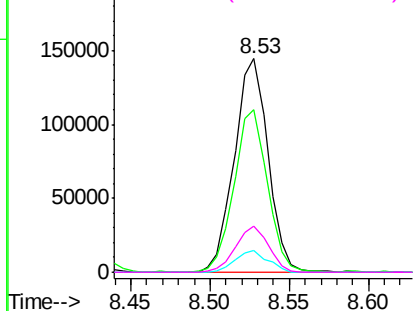
#15
N-Nitroso-di-n-propylamine
Concen: 25.00 ng/ul
RT: 8.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM000454.D
Acq: 10 Feb 2015 06:33

Instrument :
BNA_M
ClientSampleId :
A4FL2MSD

Tgt Ion: 70 Resp: 213456
Ion Ratio Lower Upper
70 100
42 76.1 63.7 95.5
101 10.3 8.7 13.1
130 21.7 14.9 22.3

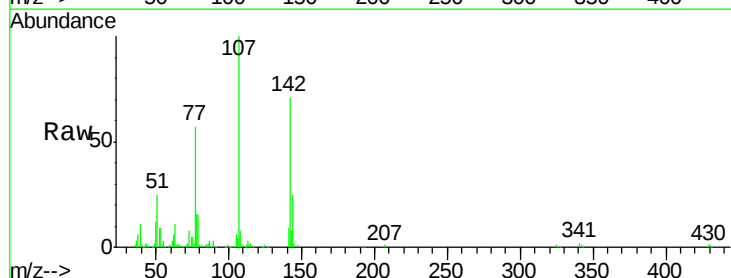


Abundance Ion 70.00 (69.70 to 70.70): BM000449.D (-987) (-)
Ion 42.00 (41.70 to 42.70): BM000449.D (-987) (-)
Ion 101.00 (100.70 to 101.70): BM000449.D (-987) (-)
Ion 130.00 (129.70 to 130.70): BM000449.D (-987) (-)

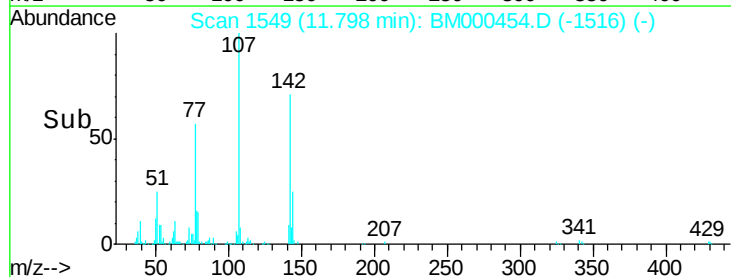
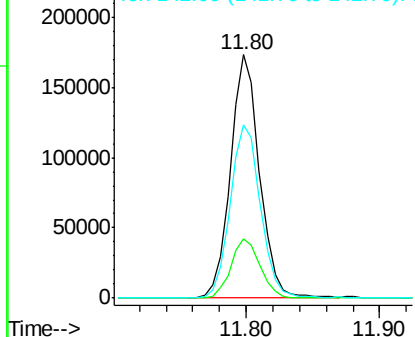


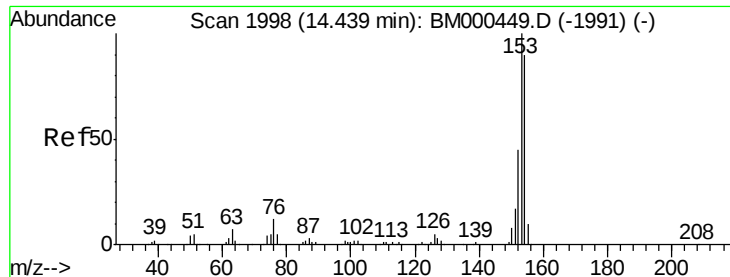
#33
4-Chloro-3-methylphenol
Concen: 20.63 ng/ul
RT: 11.80 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BM000454.D
Acq: 10 Feb 2015 06:33

Tgt Ion: 107 Resp: 263222
Ion Ratio Lower Upper
107 100
144 24.5 19.4 29.2
142 71.3 55.7 83.5



Abundance Ion 107.00 (106.70 to 107.70): BM000449.D (-1543) (-)
Ion 144.00 (143.70 to 144.70): BM000449.D (-1543) (-)
Ion 142.00 (141.70 to 142.70): BM000449.D (-1543) (-)





#49

Acenaphthene

Concen: 23.12 ng/ul

RT: 14.44 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BM000454.D

Acq: 10 Feb 2015 06:33

Instrument :

BNA_M

ClientSampleId :

A4FL2MSD

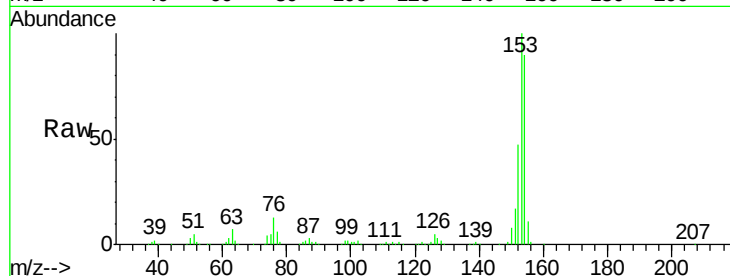
Tgt Ion:153 Resp: 770598

Ion Ratio Lower Upper

153 100

152 46.7 36.4 54.6

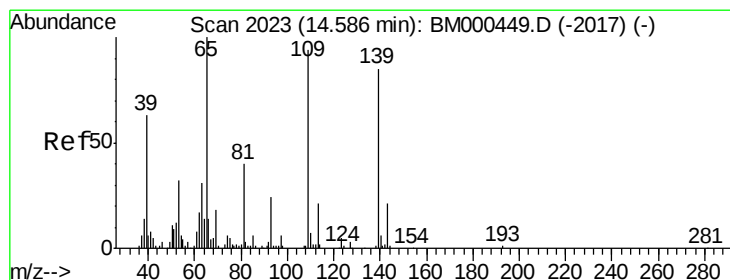
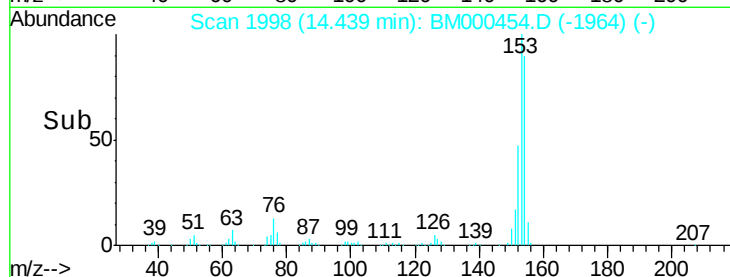
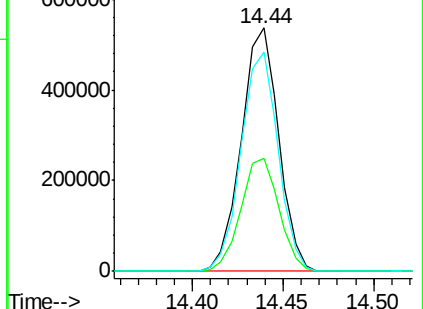
154 90.1 69.9 104.9



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: 4.28 ng/ul

RT: 14.58 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM000454.D

Acq: 10 Feb 2015 06:33

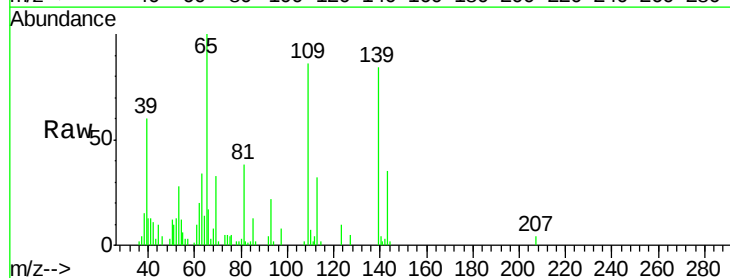
Tgt Ion:109 Resp: 30354

Ion Ratio Lower Upper

109 100

139 97.5 71.4 107.2

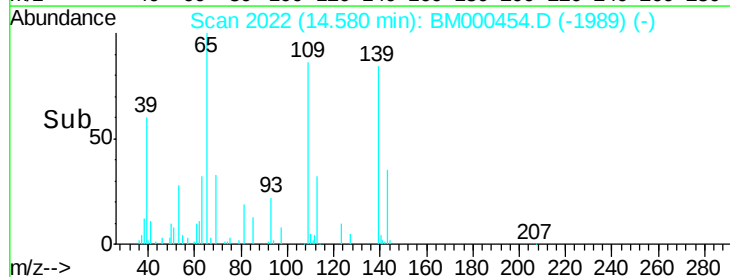
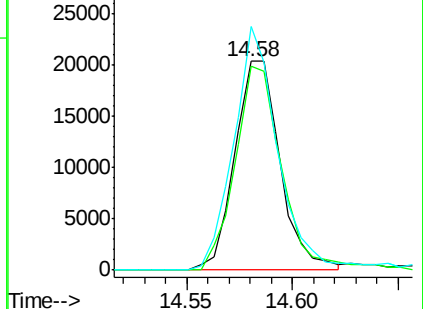
65 116.7 82.8 124.2

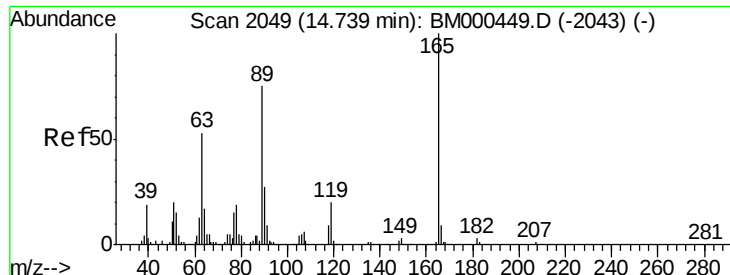


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

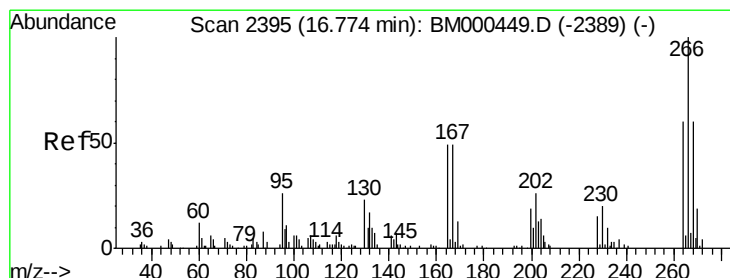
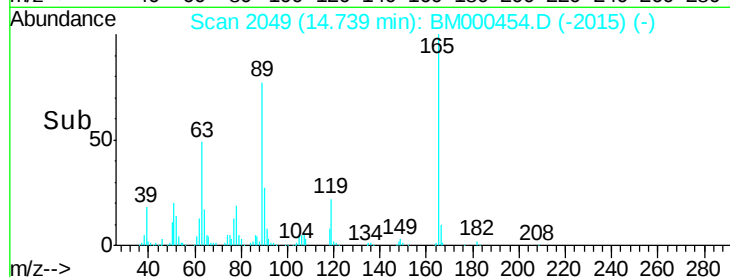
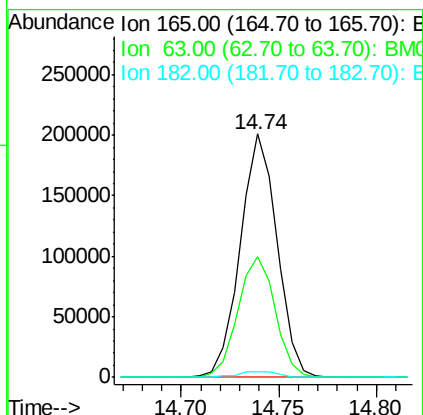
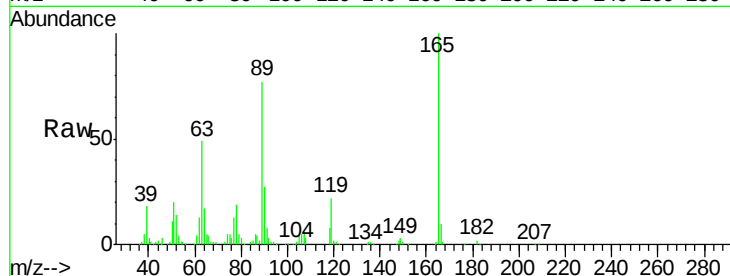




#54
 2,4-Dinitrotoluene
 Concen: 26.20 ng/ul
 RT: 14.74 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BM000454.D
 Acq: 10 Feb 2015 06:33

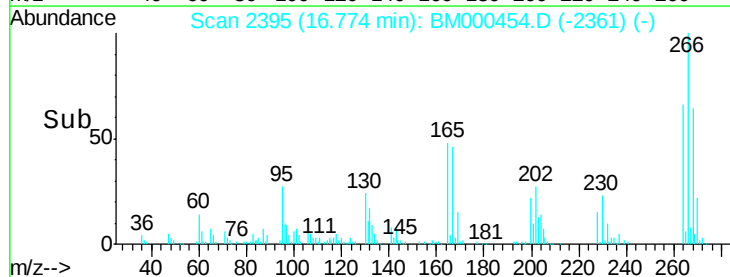
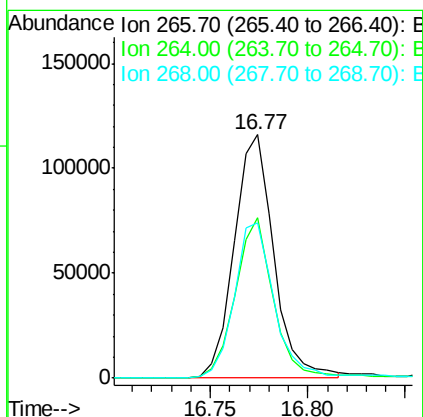
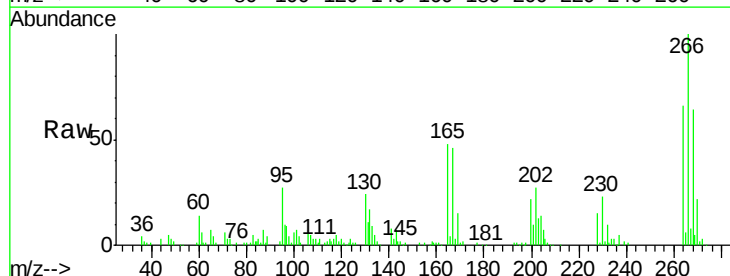
Instrument :
 BNA_M
 ClientSampleId :
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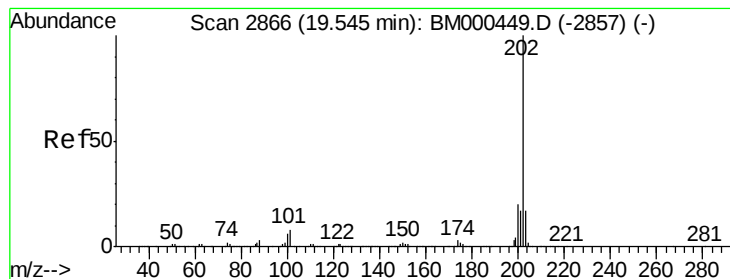
Tgt Ion:165 Resp: 262541
 Ion Ratio Lower Upper
 165 100
 63 49.4 40.8 61.2
 182 2.3 1.6 2.4



#68
 Pentachlorophenol
 Concen: 24.05 ng/ul
 RT: 16.77 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BM000454.D
 Acq: 10 Feb 2015 06:33

Tgt Ion:266 Resp: 163253
 Ion Ratio Lower Upper
 266 100
 264 65.9 49.9 74.9
 268 63.9 52.2 78.4





#77

Pyrene

Concen: 24.74 ng/ul

RT: 19.54 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BM000454.D

Acq: 10 Feb 2015 06:33

Instrument :

BNA_M

ClientSampleId :

A4FL2MSD

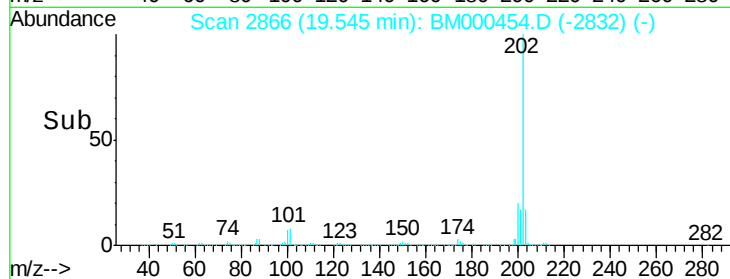
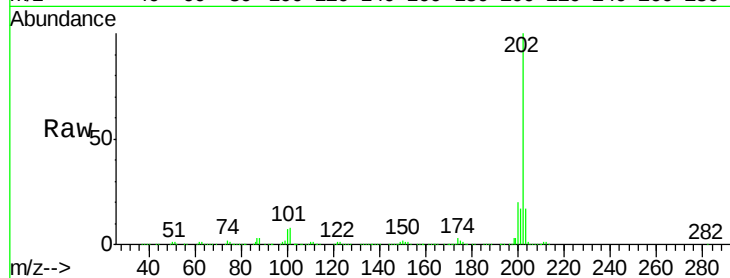
Tgt Ion:202 Resp: 2050701

Ion Ratio Lower Upper

202 100

101 8.1 6.2 9.4

100 7.1 5.3 7.9



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

