

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020915\
 Data File : BM000453.D
 Acq On : 10 Feb 2015 05:57
 Operator : TP/IZ
 Sample : G1249-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FL2MS

Quant Time: Feb 10 07:09:55 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	202118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	828304	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	522996	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1182070	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1275189	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1170522	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	262	0.07	ng/uL	0.45
5) Phenol-d5	6.89	99	60895	4.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	178808	21.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	204978	17.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	126339	11.36	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	121519	23.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	134696	22.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	244735	19.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	161	0.01	ng/ul	0.02
43) Dimethylphthalate-d6	13.78	166	1030244	28.59	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1143410	23.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	24201	4.10	ng/ul	0.00
57) Fluorene-d10	15.37	176	899658	24.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	157879	25.24	ng/ul	0.00
70) Anthracene-d10	17.22	188	1486661	27.65	ng/ul	0.00
76) Pyrene-d10	19.52	212	1675040	27.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1399240	26.76	ng/ul	0.00

Target Compounds

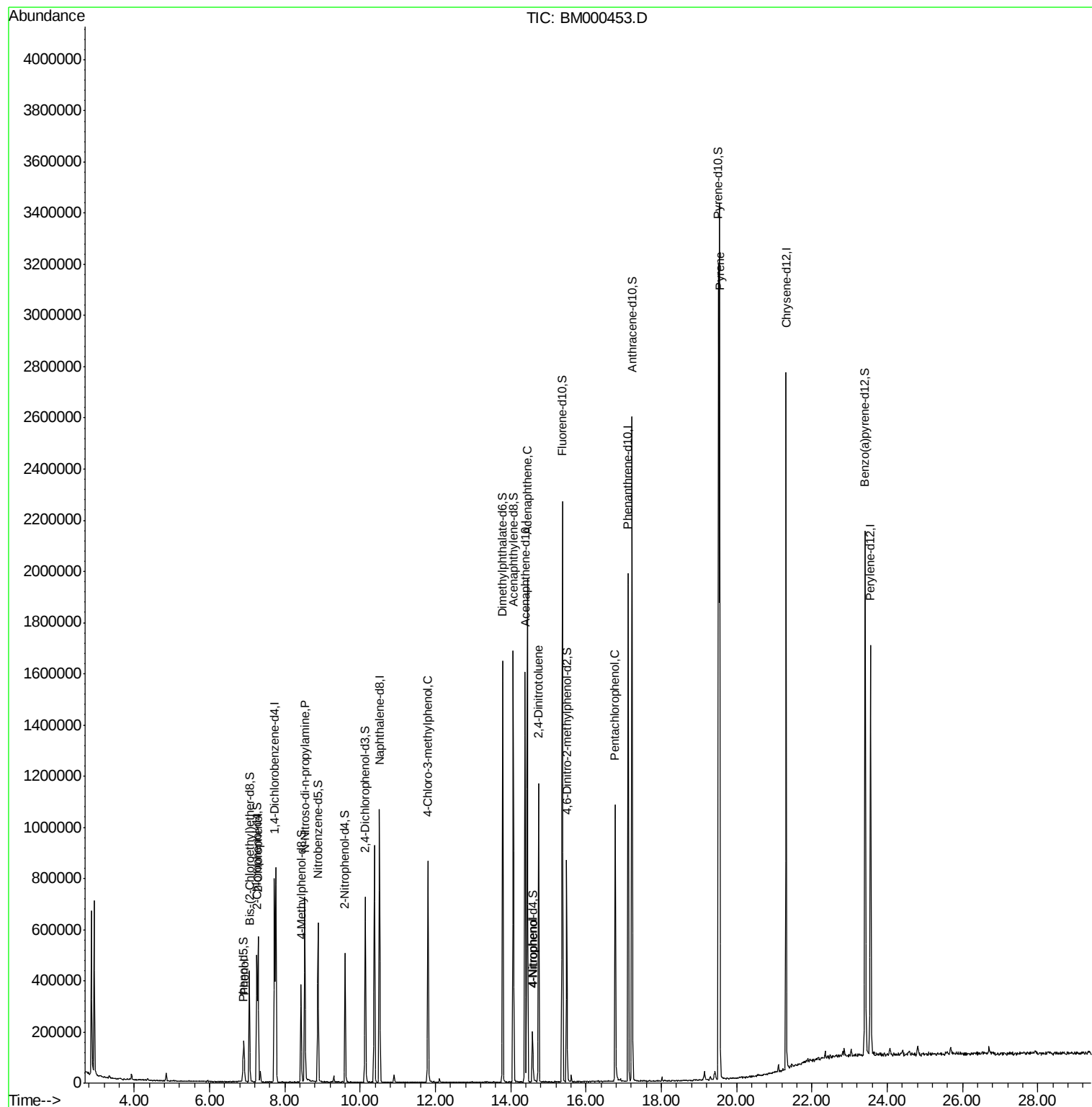
						Qvalue
6) Phenol	6.92	94	67369	4.85	ng/ul	99
10) 2-Chlorophenol	7.29	128	211604	17.71	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.53	70	197847	23.20	ng/ul	93
33) 4-Chloro-3-methylphenol	11.80	107	272379	21.08	ng/ul	95
49) Acenaphthene	14.44	153	774355	22.79	ng/ul	97
52) 4-Nitrophenol	14.59	109	31840	4.40	ng/ul	93
54) 2,4-Dinitrotoluene	14.74	165	278445	27.27	ng/ul	98
68) Pentachlorophenol	16.77	266	176819	26.20	ng/ul	95
77) Pyrene	19.54	202	2120635	26.82	ng/ul	98

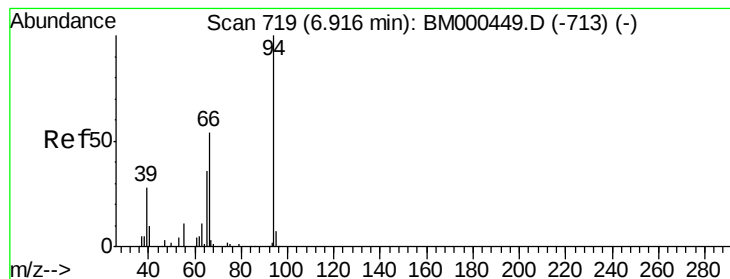
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 4.85 ng/ul

RT: 6.92 min Scan# 719

Delta R.T. 0.00 min

Lab File: BM000453.D

Acq: 10 Feb 2015 05:57

Instrument :

BNA_M

ClientSampleId :

A4FL2MS

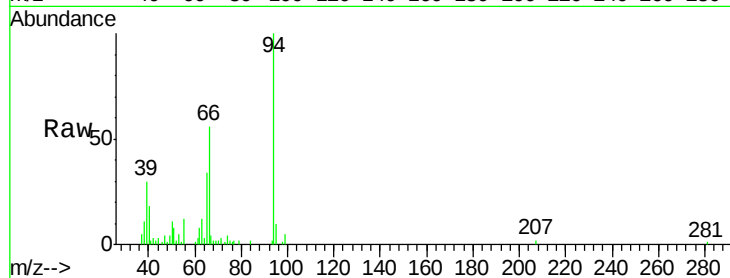
Tgt Ion: 94 Resp: 67369

Ion Ratio Lower Upper

94 100

65 33.8 27.0 40.4

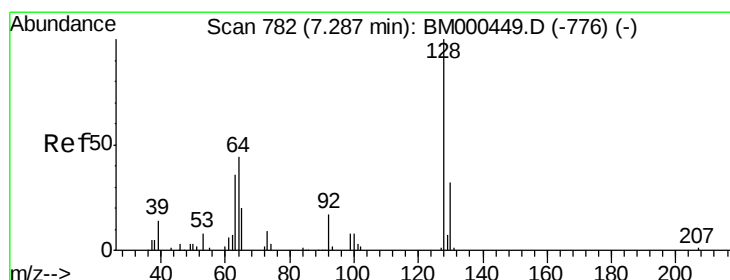
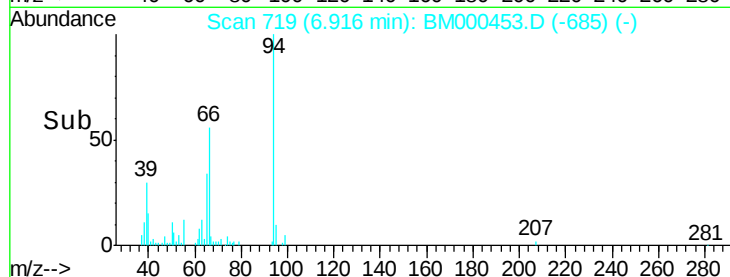
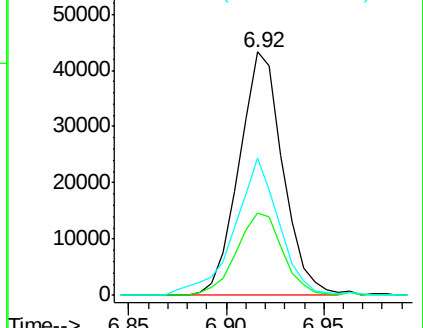
66 56.3 44.6 66.8



Abundance Ion 94.00 (93.70 to 94.70): BM000449.D (-713) (-)

Ion 65.00 (64.70 to 65.70): BM000449.D (-713) (-)

Ion 66.00 (65.70 to 66.70): BM000449.D (-713) (-)



#10

2-Chlorophenol

Concen: 17.71 ng/ul

RT: 7.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: BM000453.D

Acq: 10 Feb 2015 05:57

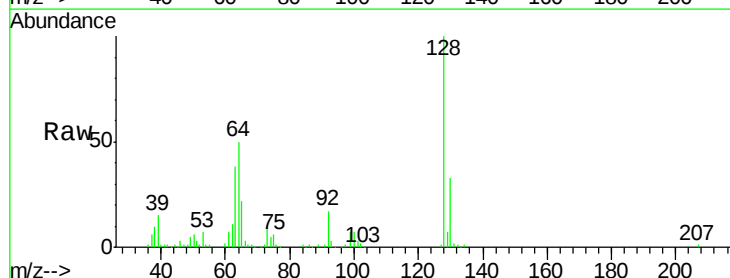
Tgt Ion: 128 Resp: 211604

Ion Ratio Lower Upper

128 100

64 50.2 42.6 64.0

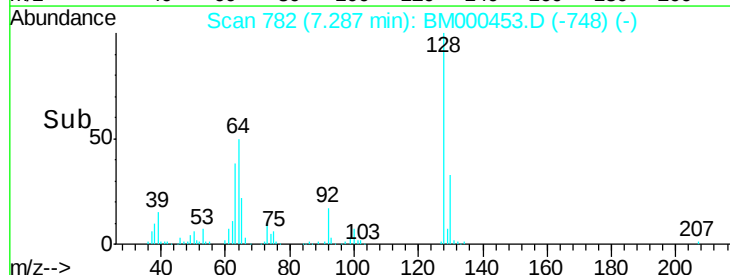
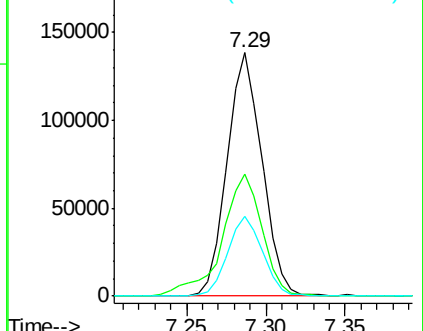
130 32.9 27.2 40.8

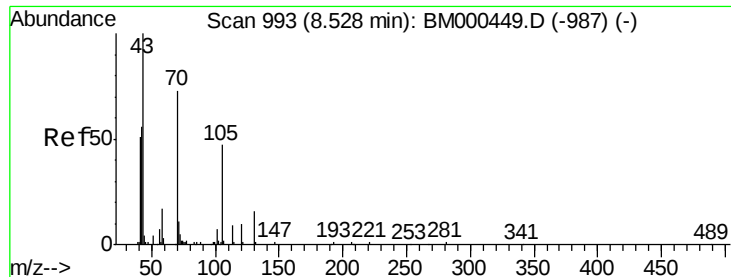


Abundance Ion 128.00 (127.70 to 128.70): BM000449.D (-776) (-)

Ion 64.00 (63.70 to 64.70): BM000449.D (-776) (-)

Ion 130.00 (129.70 to 130.70): BM000449.D (-776) (-)

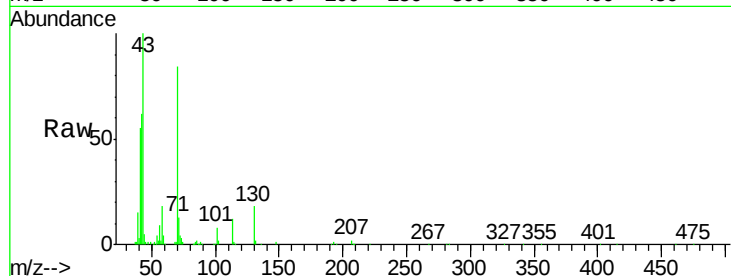




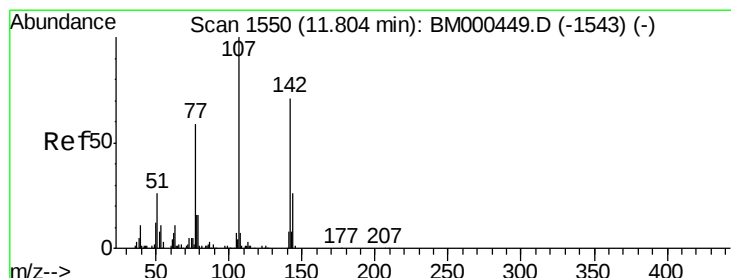
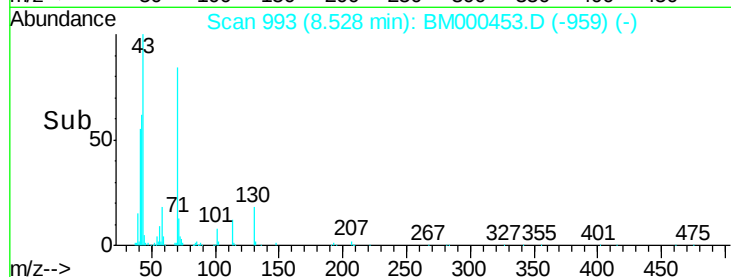
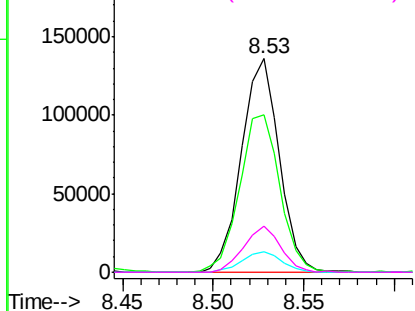
#15
N-Nitroso-di-n-propylamine
Concen: 23.20 ng/ul
RT: 8.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM000453.D
Acq: 10 Feb 2015 05:57

Instrument :
BNA_M
ClientSampleId :
A4FL2MS

Tgt Ion:	70	Resp:	197847
Ion	Ratio	Lower	Upper
70	100		
42	73.6	63.7	95.5
101	9.4	8.7	13.1
130	21.8	14.9	22.3

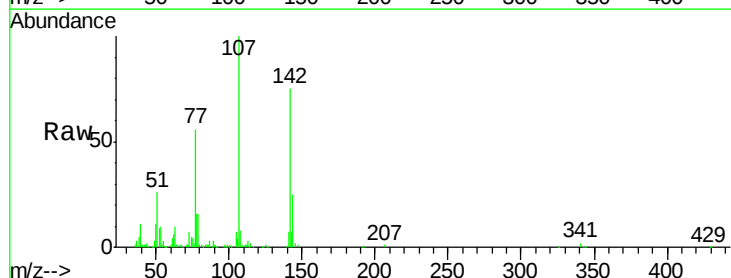


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

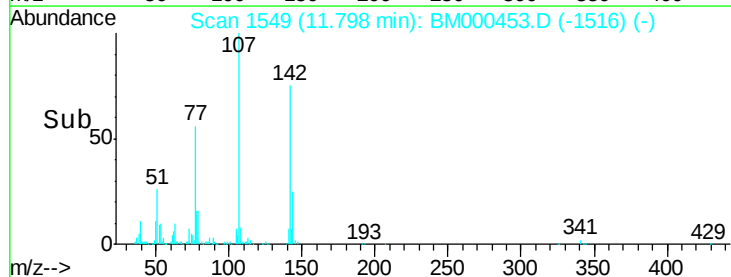
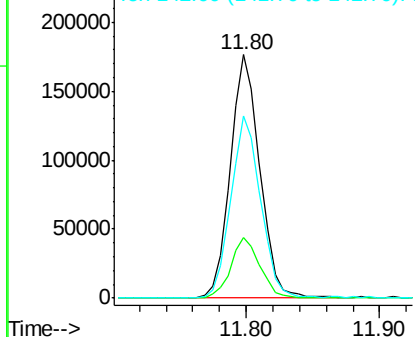


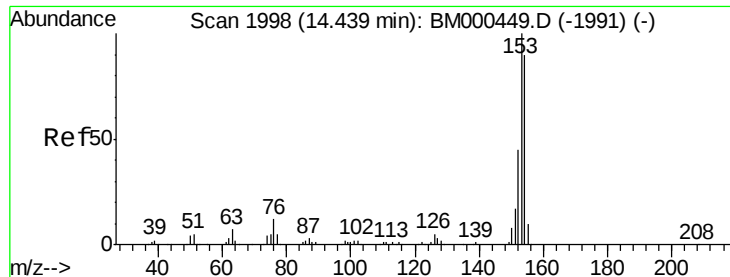
#33
4-Chloro-3-methylphenol
Concen: 21.08 ng/ul
RT: 11.80 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BM000453.D
Acq: 10 Feb 2015 05:57

Tgt Ion:	107	Resp:	272379
Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.4	29.2
142	74.8	55.7	83.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#49

Acenaphthene

Concen: 22.79 ng/ul

RT: 14.44 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BM000453.D

Acq: 10 Feb 2015 05:57

Instrument :

BNA_M

ClientSampleId :

A4FL2MS

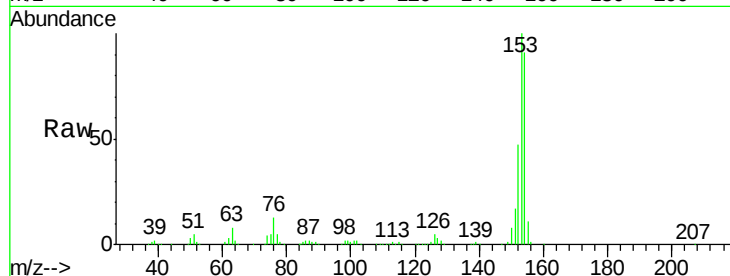
Tgt Ion:153 Resp: 774355

Ion Ratio Lower Upper

153 100

152 47.1 36.4 54.6

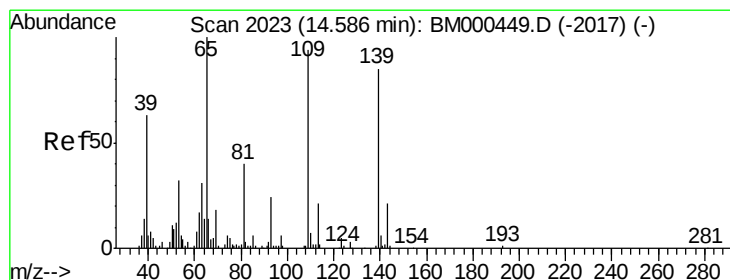
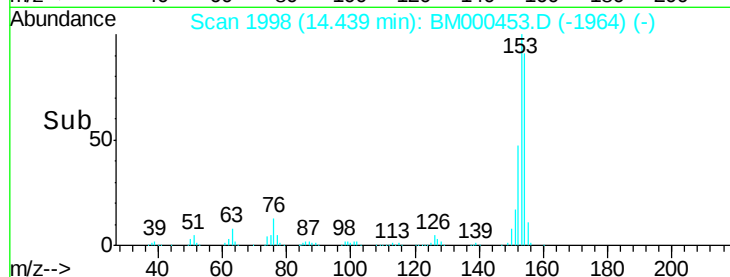
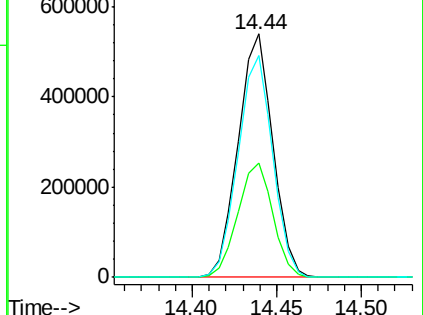
154 91.1 69.9 104.9



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: 4.40 ng/ul

RT: 14.59 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BM000453.D

Acq: 10 Feb 2015 05:57

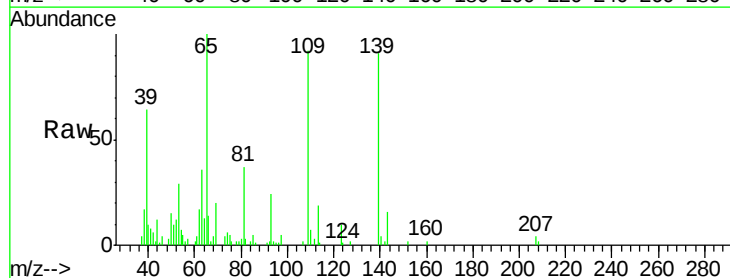
Tgt Ion:109 Resp: 31840

Ion Ratio Lower Upper

109 100

139 98.8 71.4 107.2

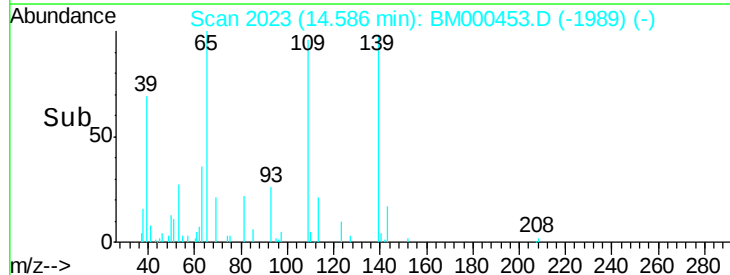
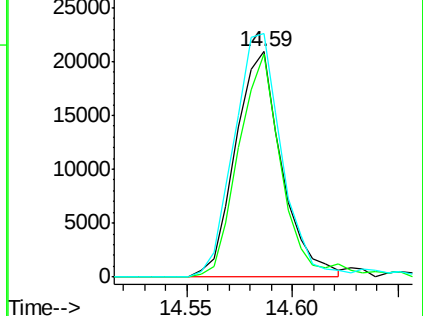
65 108.1 82.8 124.2

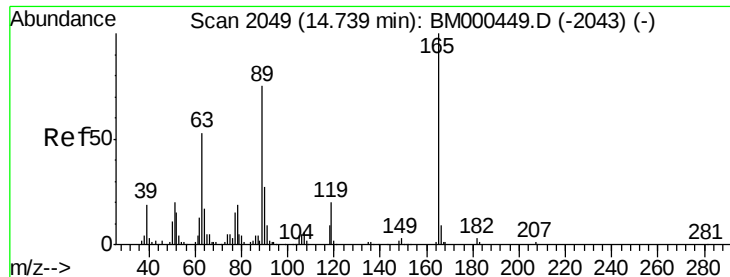


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

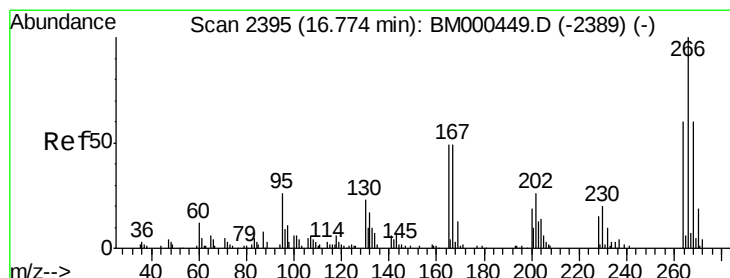
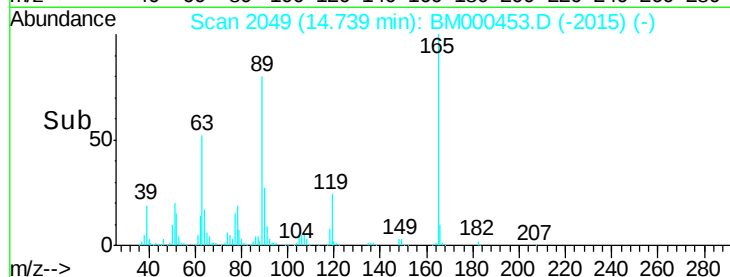
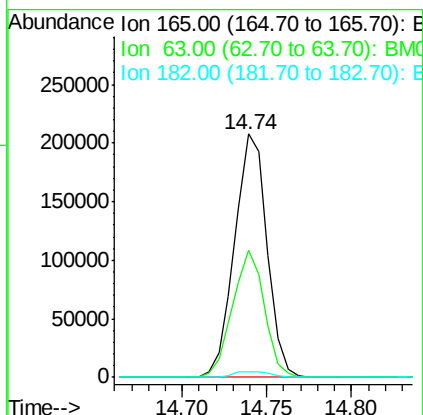
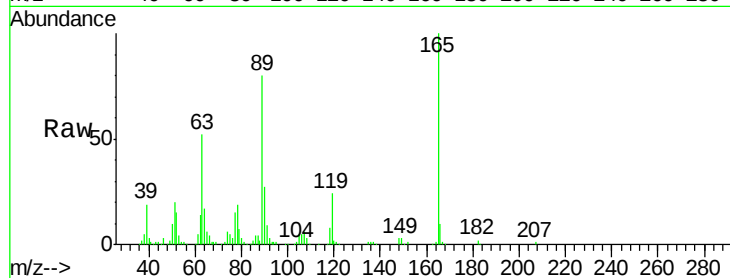




#54
 2,4-Dinitrotoluene
 Concen: 27.27 ng/ul
 RT: 14.74 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BM000453.D
 Acq: 10 Feb 2015 05:57

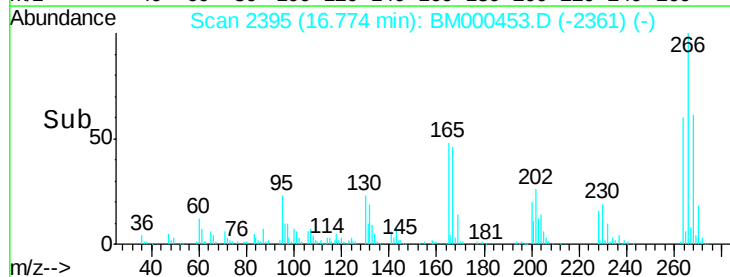
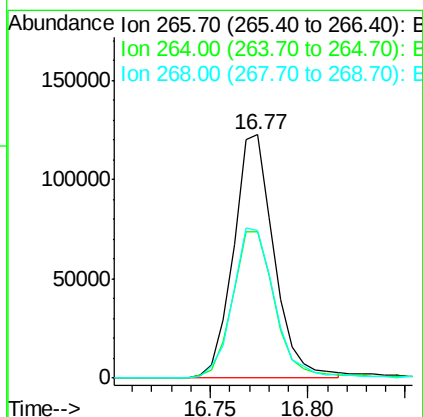
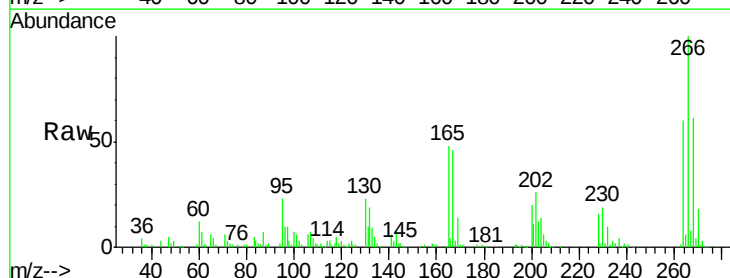
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 BNA_M
 ClientSampled :
 A4FL2MS

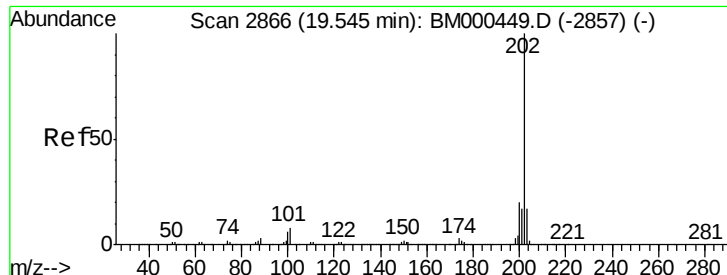
Tgt Ion:165 Resp: 278445
 Ion Ratio Lower Upper
 165 100
 63 52.2 40.8 61.2
 182 2.4 1.6 2.4



#68
 Pentachlorophenol
 Concen: 26.20 ng/ul
 RT: 16.77 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BM000453.D
 Acq: 10 Feb 2015 05:57

Tgt Ion:266 Resp: 176819
 Ion Ratio Lower Upper
 266 100
 264 60.1 49.9 74.9
 268 60.5 52.2 78.4





#77

Pyrene

Concen: 26.82 ng/ul

RT: 19.54 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BM000453.D

Acq: 10 Feb 2015 05:57

Instrument :

BNA_M

ClientSampleId :

A4FL2MS

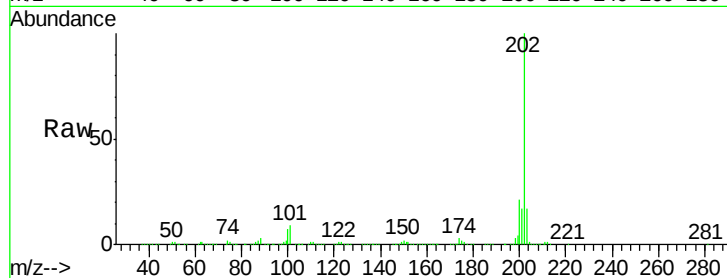
Tgt Ion:202 Resp: 2120635

Ion Ratio Lower Upper

202 100

101 8.8 6.2 9.4

100 6.9 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

