

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070115\
 Data File : BM001811.D
 Acq On : 01 Jul 2015 17:13
 Operator : TP/UM
 Sample : G2854-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FC2MS

Quant Time: Jul 02 07:10:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 02 07:09:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	61438	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	238558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	142177	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	322475	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	381597	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	404908	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	1430	1.11	ng/uL	0.00
5) Phenol-d5	6.83	99	29761	6.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	68619	25.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	81773	21.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	53618	14.16	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	46977	28.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	50922	28.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	95414	24.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	2990	0.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	281679	26.72	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	378869	27.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	9579	4.92	ng/ul	0.00
57) Fluorene-d10	15.31	176	270595	27.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	44727	22.71	ng/ul	0.00
70) Anthracene-d10	17.16	188	417454	27.79	ng/ul	0.00
78) Pyrene-d10	19.46	212	471340	29.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	478914	26.83	ng/ul	0.00

Target Compounds

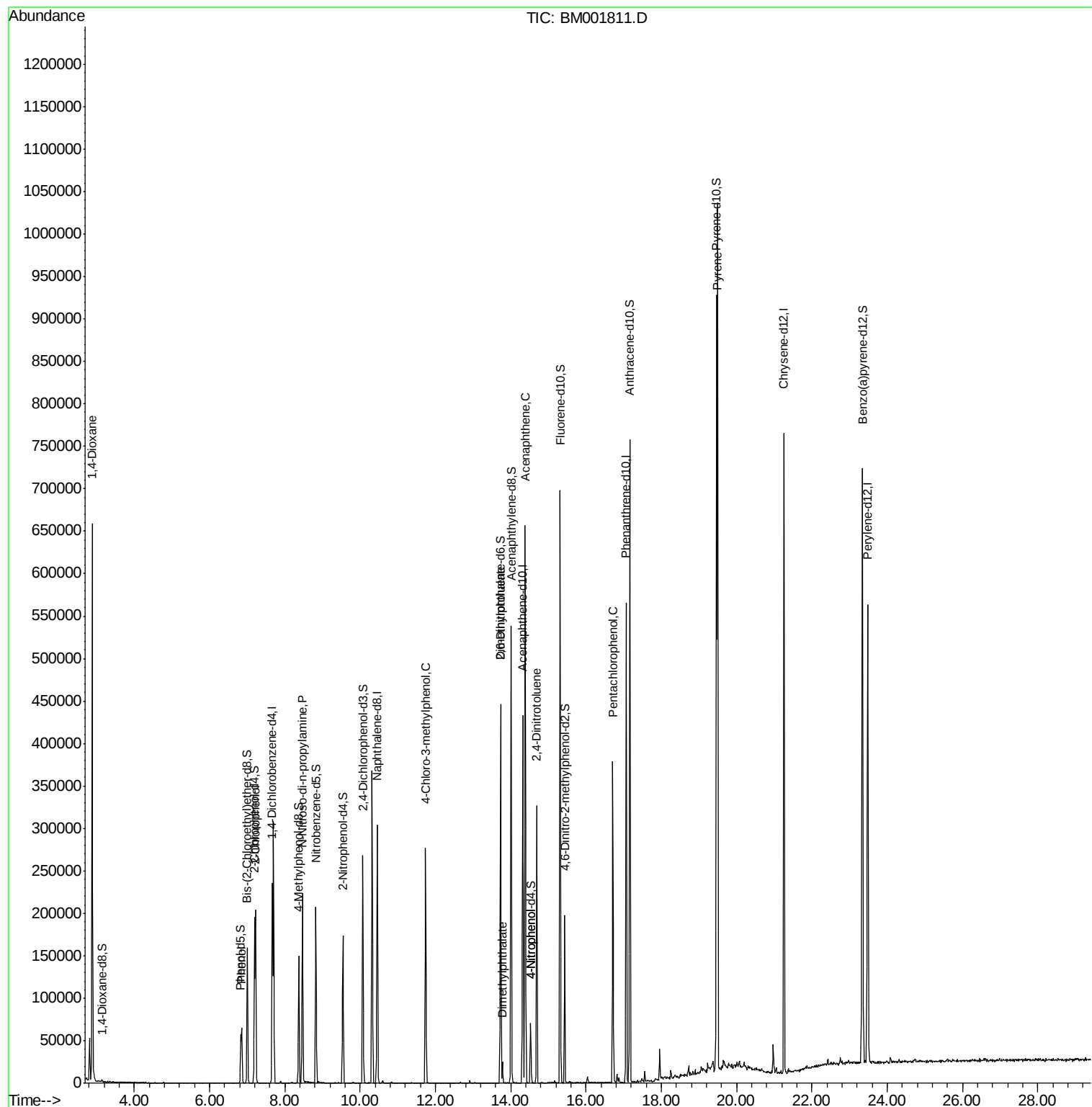
						Qvalue
2) 1,4-Dioxane	2.88	88	4571	3.11	ng/uL#	1
6) Phenol	6.85	94	32391	6.65	ng/ul	97
10) 2-Chlorophenol	7.22	128	83949	21.73	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	80412	27.37	ng/ul	98
33) 4-Chloro-3-methylphenol	11.74	107	91331	22.88	ng/ul	95
44) Dimethylphthalate	13.77	163	16328	1.42	ng/ul	98
45) 2,6-Dinitrotoluene	13.73	165	2183	1.01	ng/ul#	29
49) Acenaphthene	14.38	153	255702	27.15	ng/ul	98
52) 4-Nitrophenol	14.53	109	10029	4.99	ng/ul	93
54) 2,4-Dinitrotoluene	14.69	165	86127	26.97	ng/ul	99
68) Pentachlorophenol	16.71	266	61525	24.84	ng/ul	95
79) Pyrene	19.49	202	594372	28.07	ng/ul	100

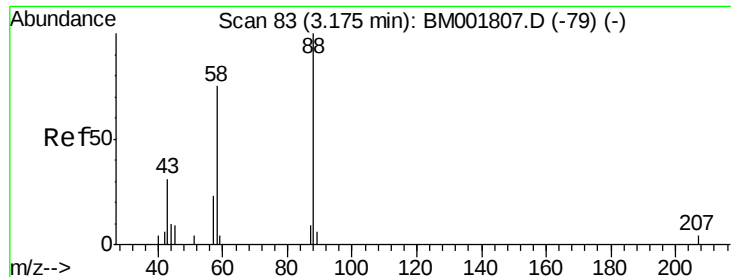
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 02 07:09:03 2015
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 3.11 ng/uL

RT: 2.88 min Scan# 33

Delta R.T. -0.29 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

Instrument :

BNA_M

ClientSampleId :

H0FC2MS

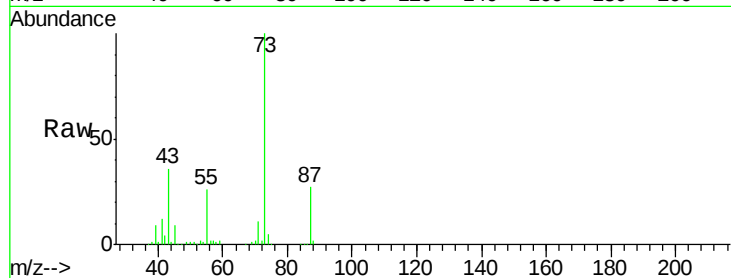
Tgt Ion: 88 Resp: 4571

Ion Ratio Lower Upper

88 100

43 2299.9 24.2 36.4#

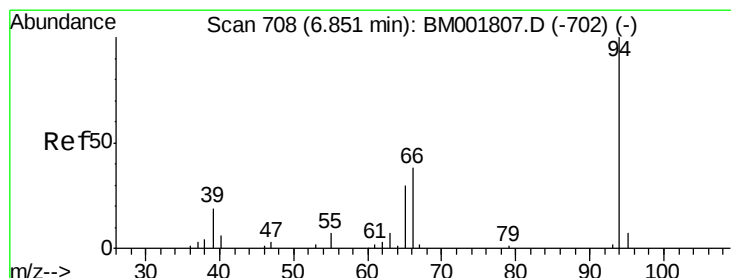
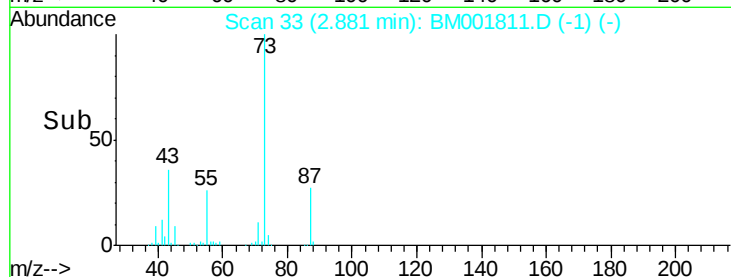
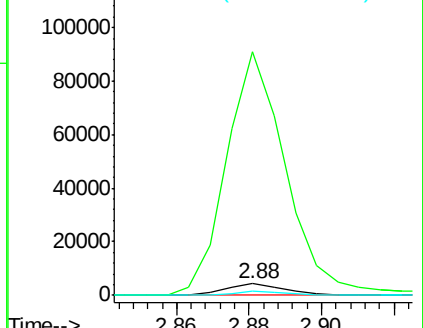
58 25.7 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): BM001807.D (-79) (-)

Ion 43.00 (42.70 to 43.70): BM001807.D (-79) (-)

Ion 58.00 (57.70 to 58.70): BM001807.D (-79) (-)



#6

Phenol

Concen: 6.65 ng/uL

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM001811.D

Acq: 01 Jul 2015 17:13

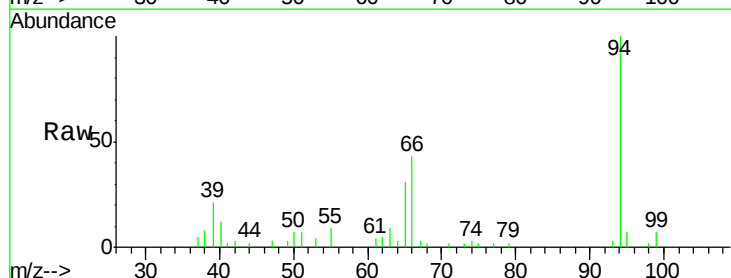
Tgt Ion: 94 Resp: 32391

Ion Ratio Lower Upper

94 100

65 31.0 26.1 39.1

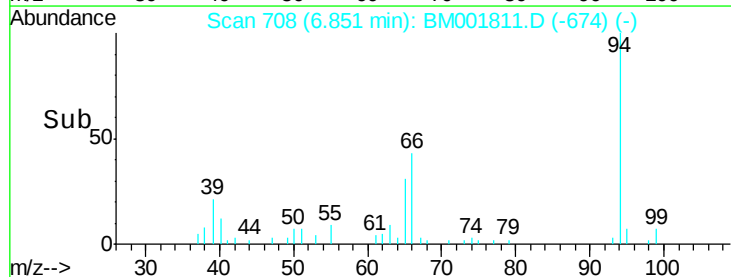
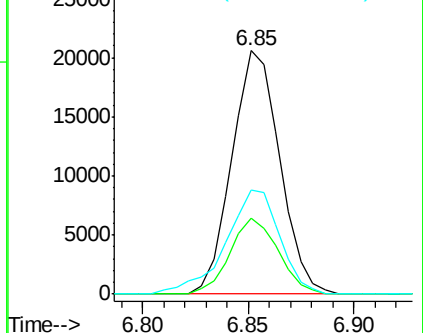
66 42.7 35.9 53.9

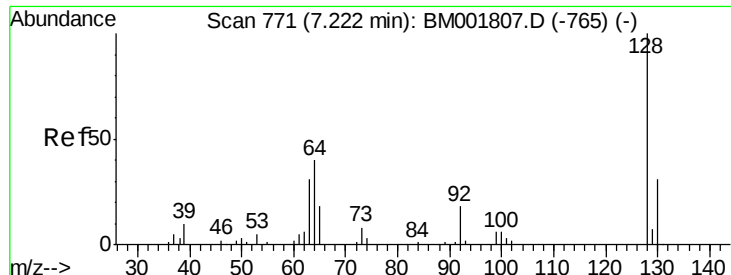


Abundance Ion 94.00 (93.70 to 94.70): BM001807.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BM001807.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BM001807.D (-702) (-)

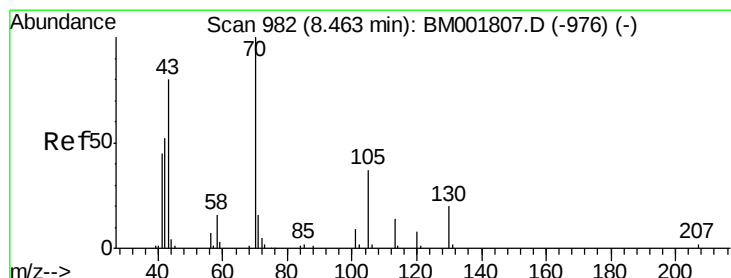
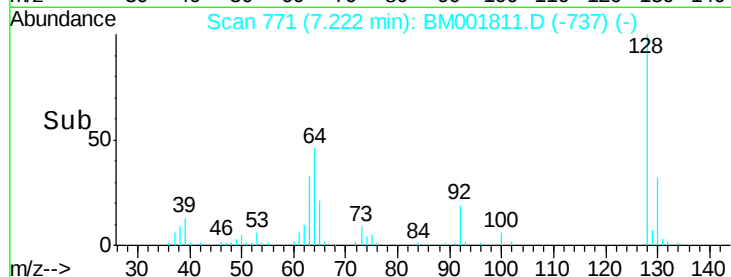
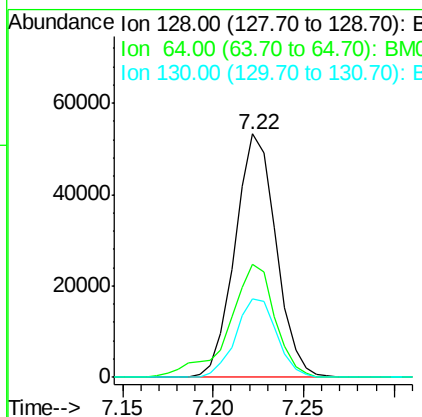
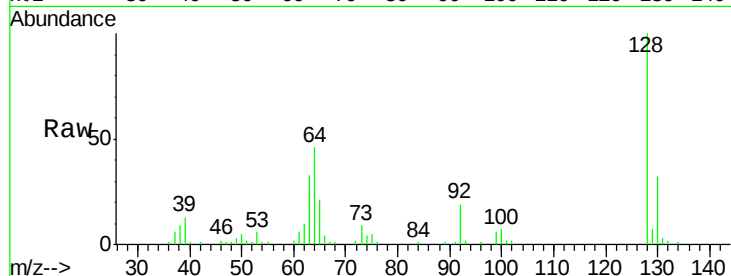




#10
2-Chlorophenol
Concen: 21.73 ng/ul
RT: 7.22 min Scan# 771
Delta R.T. 0.00 min
Lab File: BM001811.D
Acq: 01 Jul 2015 17:13

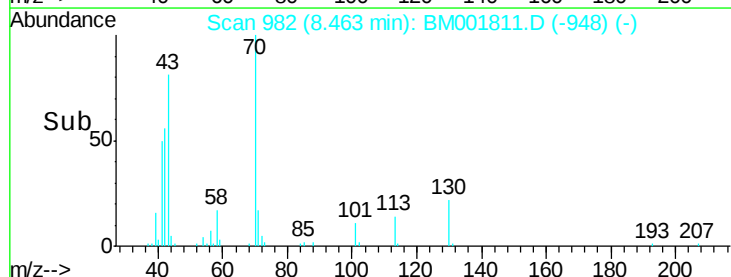
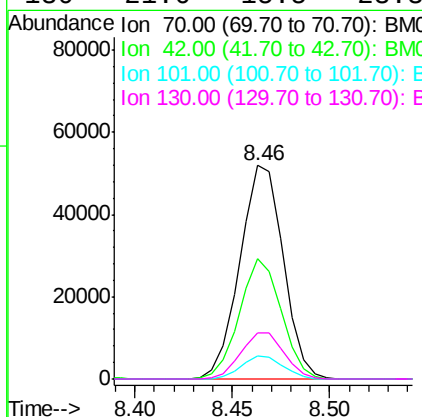
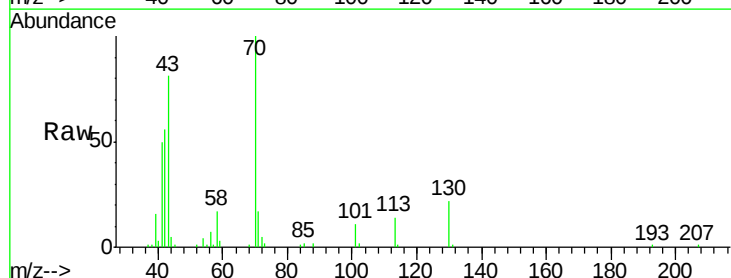
Instrument :
BNA_M
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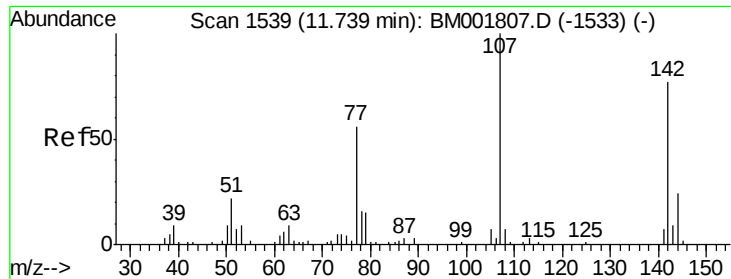
Tgt Ion: 128 Resp: 83949
Ion Ratio Lower Upper
128 100
64 46.5 37.4 56.2
130 32.1 25.4 38.0



#15
N-Nitroso-di-n-propylamine
Concen: 27.37 ng/ul
RT: 8.46 min Scan# 982
Delta R.T. 0.00 min
Lab File: BM001811.D
Acq: 01 Jul 2015 17:13

Tgt Ion: 70 Resp: 80412
Ion Ratio Lower Upper
70 100
42 56.1 45.2 67.8
101 11.0 7.8 11.6
130 21.6 15.5 23.3

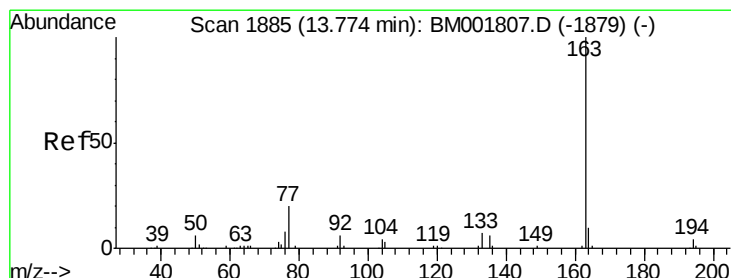
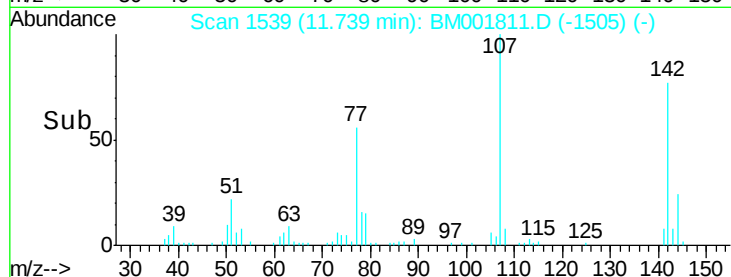
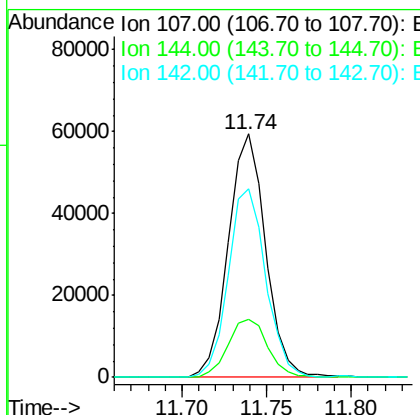
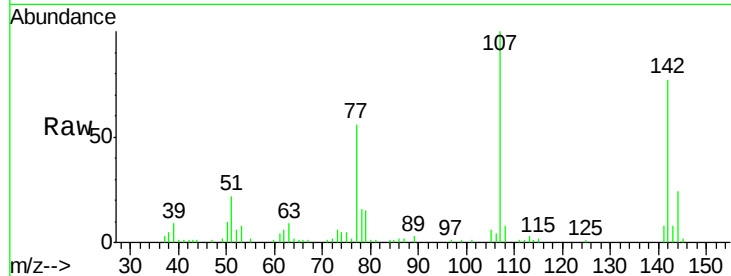




#33
 4-Chloro-3-methylphenol
 Concen: 22.88 ng/ul
 RT: 11.74 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BM001811.D
 Acq: 01 Jul 2015 17:13

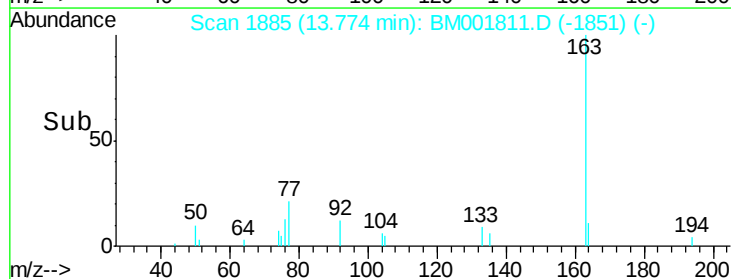
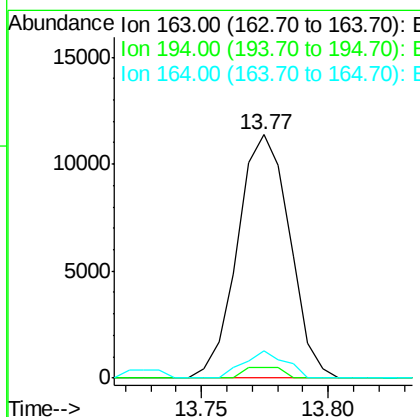
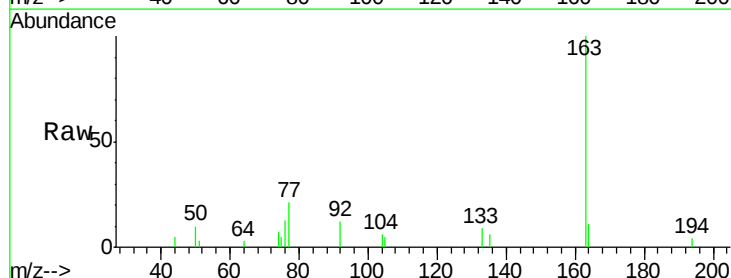
Instrument :
 BNA_M
 ClientSampleId :
 H0FC2MS

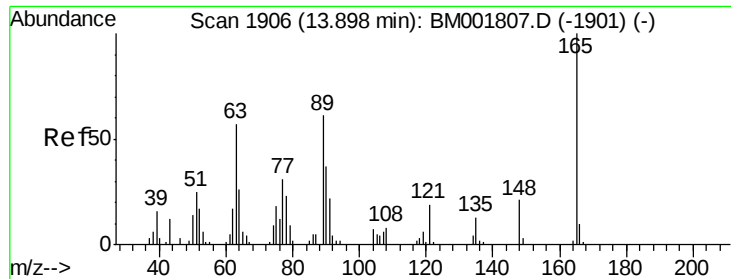
Tgt Ion:107 Resp: 91331
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.2 30.4
 142 77.3 57.7 86.5



#44
 Dimethylphthalate
 Concen: 1.42 ng/ul
 RT: 13.77 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BM001811.D
 Acq: 01 Jul 2015 17:13

Tgt Ion:163 Resp: 16328
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.6 5.4
 164 11.1 8.0 12.0

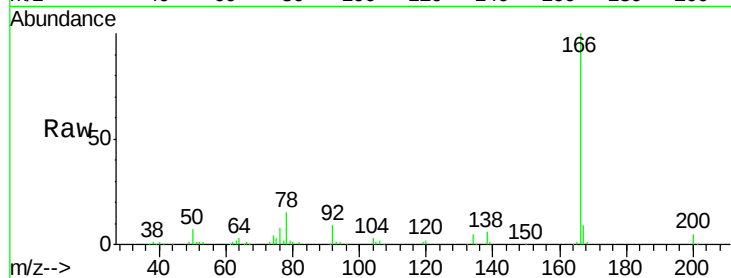




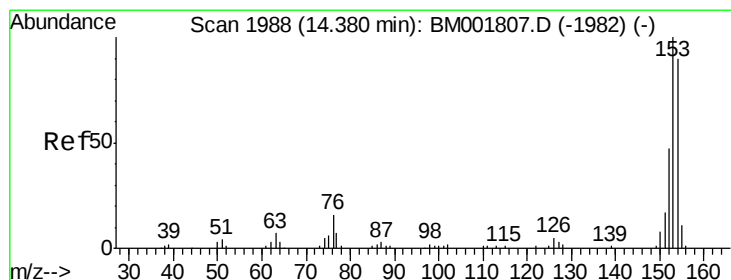
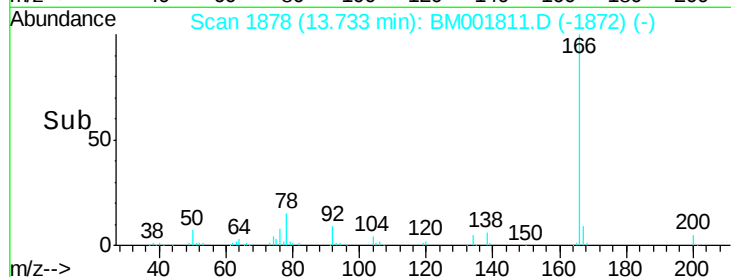
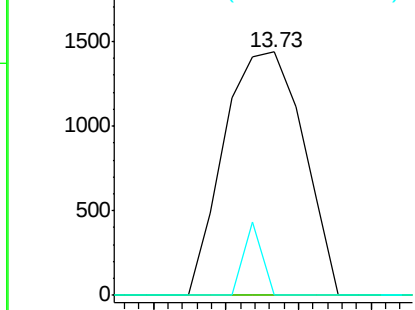
#45
 2,6-Dinitrotoluene
 Concen: 1.01 ng/ul
 RT: 13.73 min Scan# 1878
 Delta R.T. -0.16 min
 Lab File: BM001811.D
 Acq: 01 Jul 2015 17:13

Instrument :
 BNA_M
 ClientSampleId :
 H0FC2MS

Tgt Ion	Ratio	Lower	Upper
165	100		
89	0.0	49.1	73.7#
121	0.0	17.4	26.2#

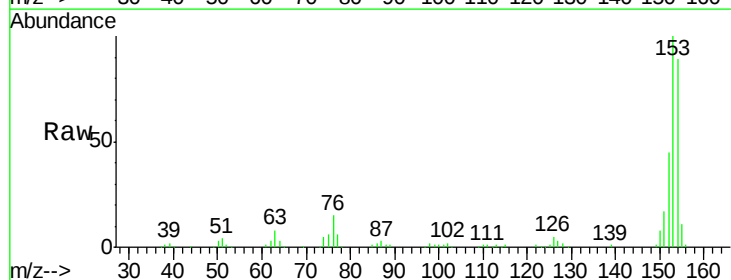


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

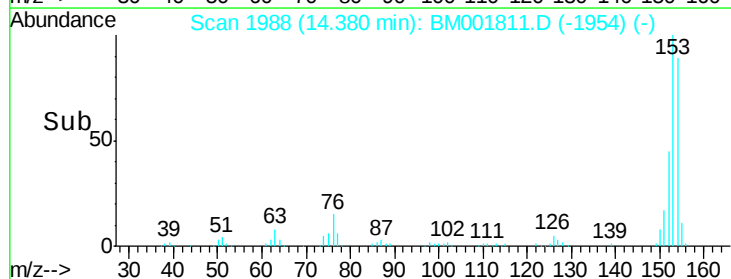
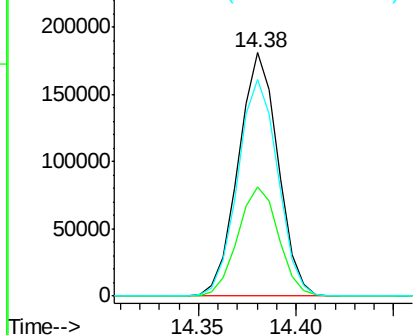


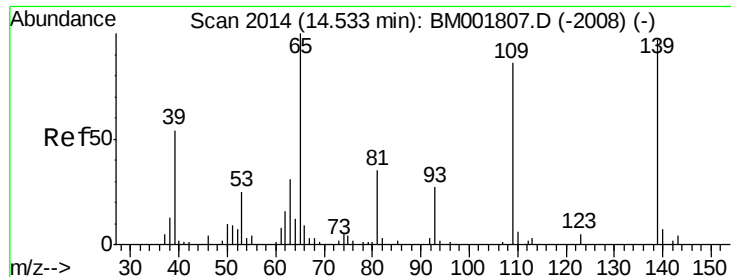
#49
 Acenaphthene
 Concen: 27.15 ng/ul
 RT: 14.38 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BM001811.D
 Acq: 01 Jul 2015 17:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.0	36.6	55.0
154	89.1	72.6	108.8



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

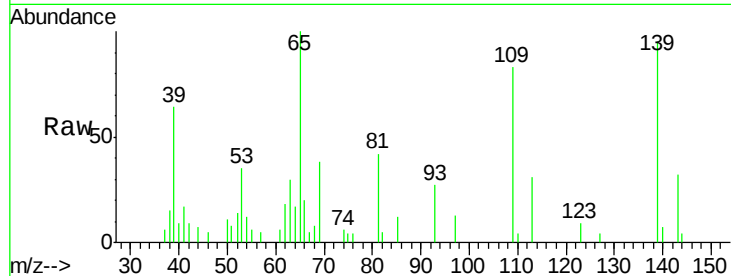




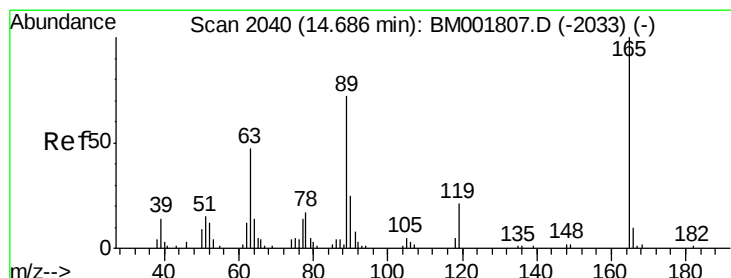
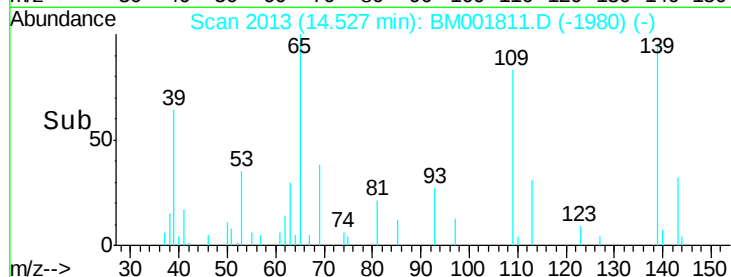
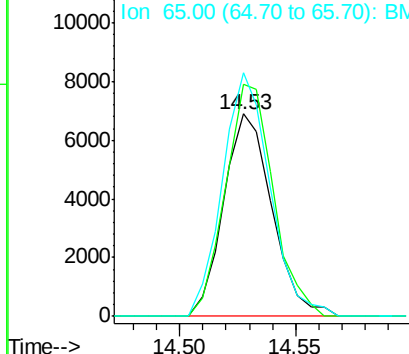
#52
4-Nitrophenol
Concen: 4.99 ng/ul
RT: 14.53 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM001811.D
Acq: 01 Jul 2015 17:13

Instrument :
BNA_M
ClientSampleId :
H0FC2MS

Tgt Ion:109 Resp: 10029
Ion Ratio Lower Upper
109 100
139 114.7 81.7 122.5
65 120.5 94.3 141.5

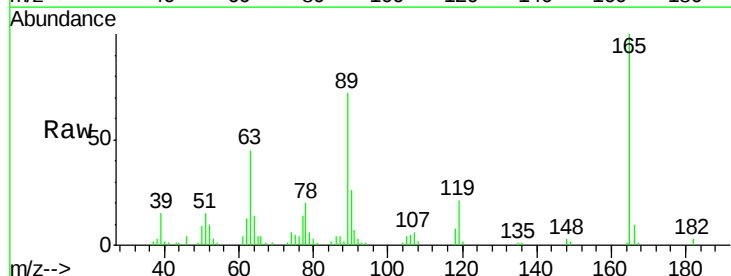


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

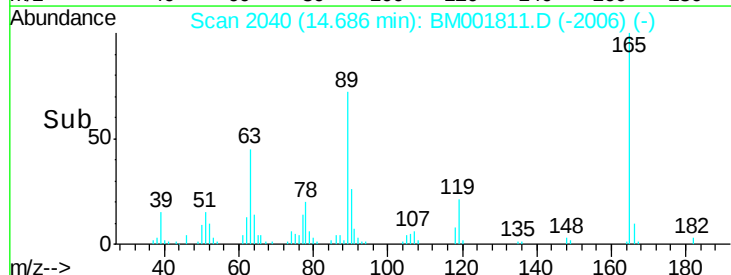
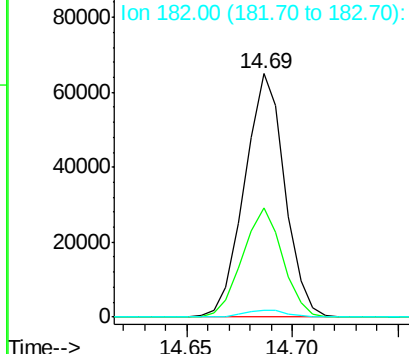


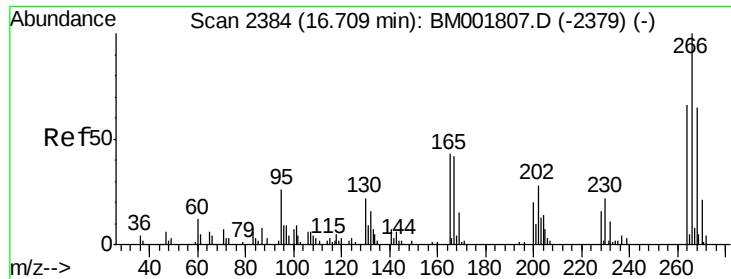
#54
2,4-Dinitrotoluene
Concen: 26.97 ng/ul
RT: 14.69 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BM001811.D
Acq: 01 Jul 2015 17:13

Tgt Ion:165 Resp: 86127
Ion Ratio Lower Upper
165 100
63 45.0 35.4 53.2
182 2.9 2.1 3.1



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

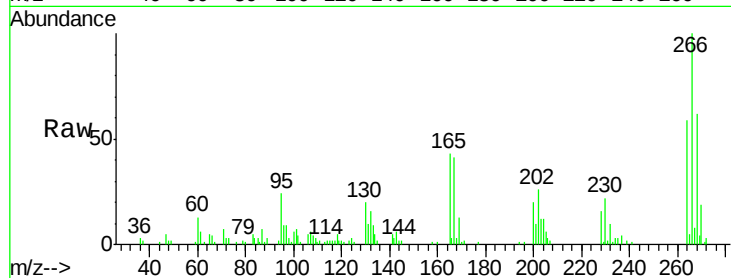




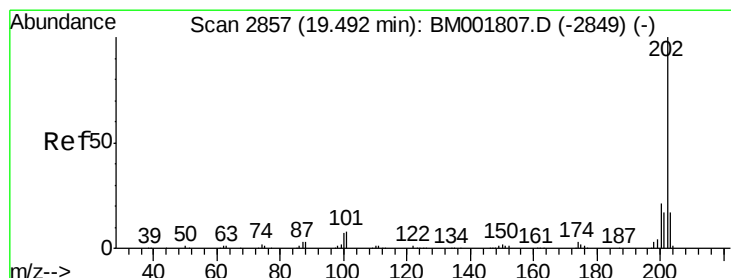
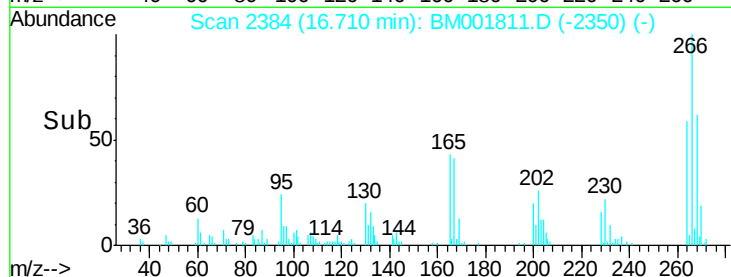
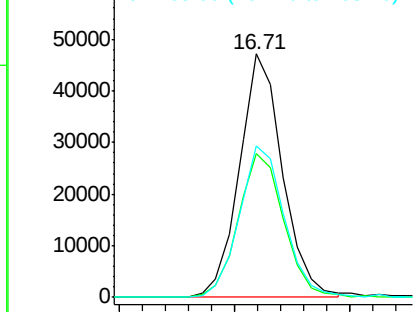
#68
 Pentachlorophenol
 Concen: 24.84 ng/ul
 RT: 16.71 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM001811.D
 Acq: 01 Jul 2015 17:13

Instrument :
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 H0FC2MS

Tgt Ion:266 Resp: 61525
 Ion Ratio Lower Upper
 266 100
 264 59.1 50.8 76.2
 268 62.1 52.0 78.0

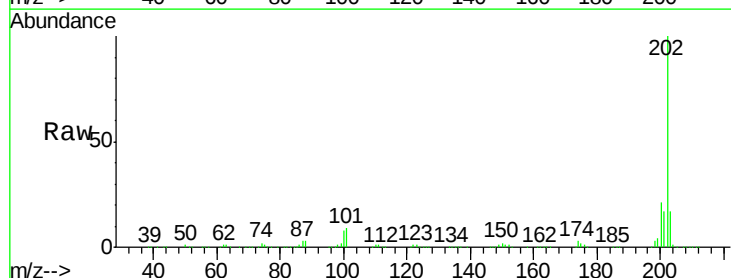


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 28.07 ng/ul
 RT: 19.49 min Scan# 2857
 Delta R.T. 0.00 min
 Lab File: BM001811.D
 Acq: 01 Jul 2015 17:13

Tgt Ion:202 Resp: 594372
 Ion Ratio Lower Upper
 202 100
 101 8.8 6.9 10.3
 100 7.6 6.2 9.2



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

