

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
 Data File : BM005904.D
 Acq On : 21 Jun 2016 23:00
 Operator : UM/SJ
 Sample : H3612-23MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z39MSD

Quant Time: Jun 22 03:15:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 21 08:19:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	177624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	923406	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	615885	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1505467	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1839541	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1873958	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	8190	1.80	ng/uL	0.00
5) Phenol-d5	6.85	99	343879	17.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	225709	19.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	256848	17.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	271667	16.58	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	134883	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	139513	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	282361	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	435539	29.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1169560	20.04	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1331935	19.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	145662	14.47	ng/ul	0.00
57) Fluorene-d10	15.32	176	986372	20.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	100198	16.52	ng/ul	0.00
70) Anthracene-d10	17.17	188	1585053	20.77	ng/ul	0.00
76) Pyrene-d10	19.47	212	1868976	19.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1990200	20.84	ng/ul	0.00

Target Compounds

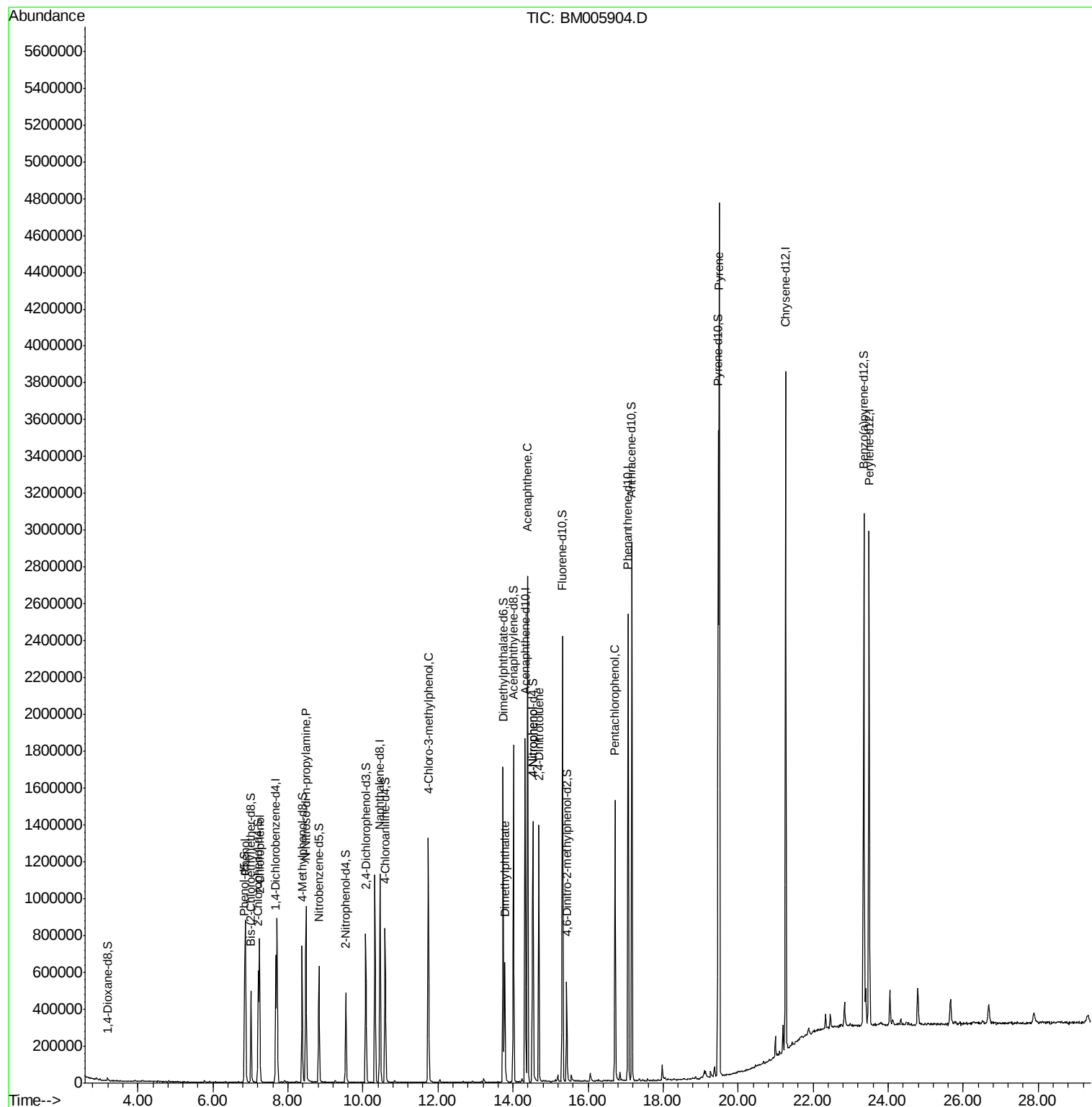
						Qvalue
6) Phenol	6.87	94	429165	21.65	ng/ul	98
10) 2-Chlorophenol	7.24	128	313587	21.30	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.48	70	346210	25.06	ng/ul	99
33) 4-Chloro-3-methylphenol	11.74	107	462900	22.73	ng/ul	100
44) Dimethylphthalate	13.78	163	395500	6.96	ng/ul	98
49) Acenaphthene	14.39	153	1081938	23.27	ng/ul	99
52) 4-Nitrophenol	14.53	109	203956	22.25	ng/ul	93
54) 2,4-Dinitrotoluene	14.69	165	366331	26.23	ng/ul	99
68) Pentachlorophenol	16.72	266	247523	24.41	ng/ul	98
77) Pyrene	19.50	202	2827025	22.88	ng/ul	98

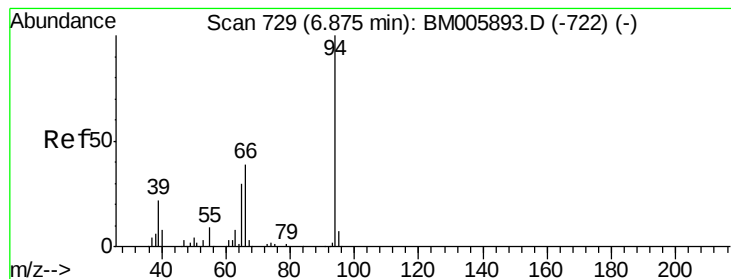
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 21.65 ng/ul

RT: 6.87 min Scan# 728

Delta R.T. -0.01 min

Lab File: BM005904.D

Acq: 21 Jun 2016 23:00

Instrument :

BNA_M

ClientSampleId :

D9Z39MSD

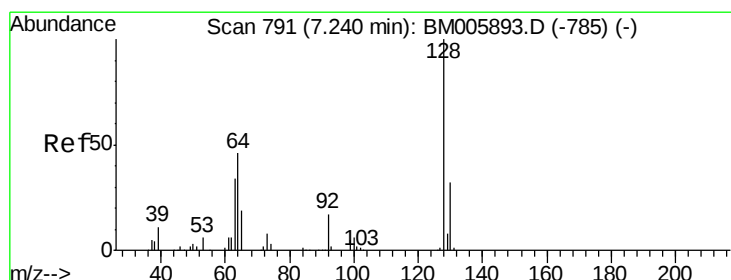
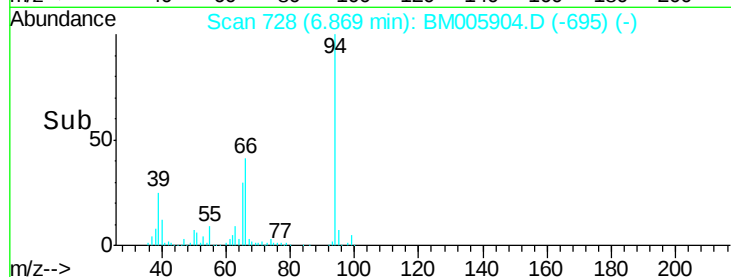
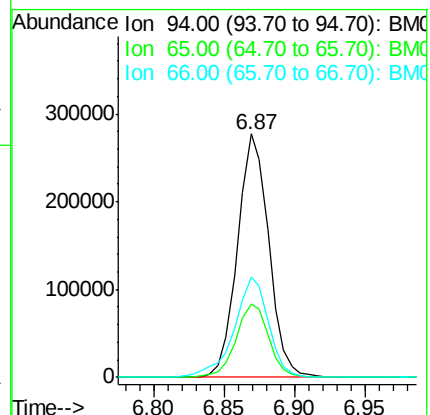
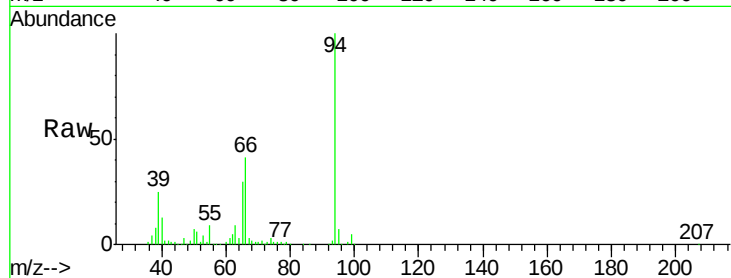
Tgt Ion: 94 Resp: 429165

Ion Ratio Lower Upper

94 100

65 30.3 23.2 34.8

66 41.0 31.6 47.4



#10

2-Chlorophenol

Concen: 21.30 ng/ul

RT: 7.24 min Scan# 791

Delta R.T. -0.01 min

Lab File: BM005904.D

Acq: 21 Jun 2016 23:00

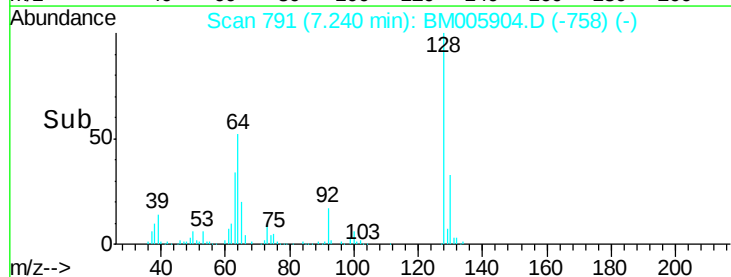
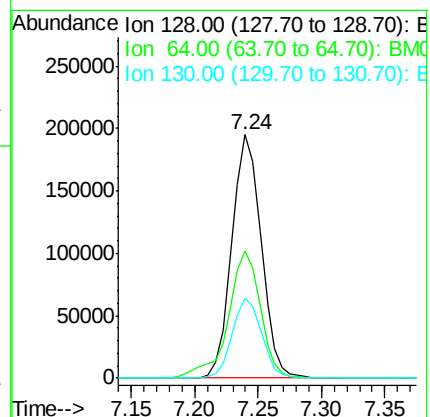
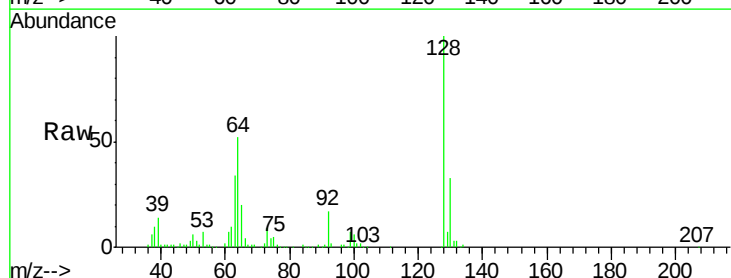
Tgt Ion: 128 Resp: 313587

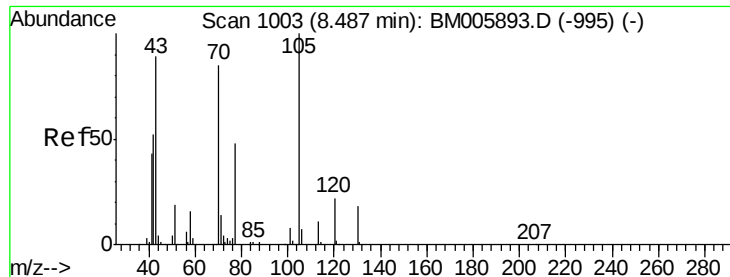
Ion Ratio Lower Upper

128 100

64 52.2 39.1 58.7

130 32.8 25.2 37.8

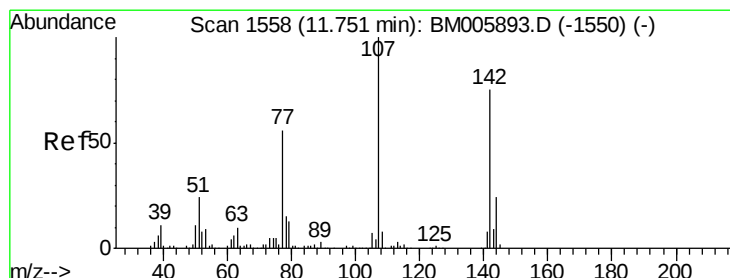
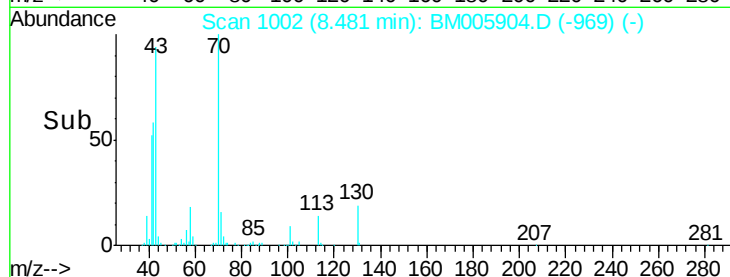
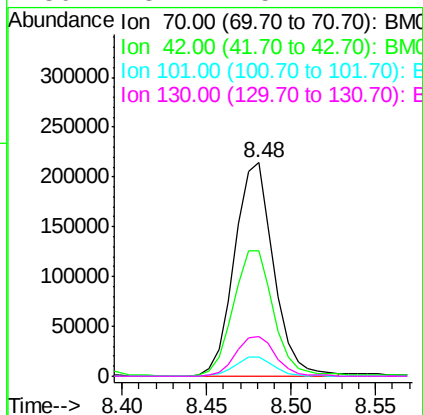
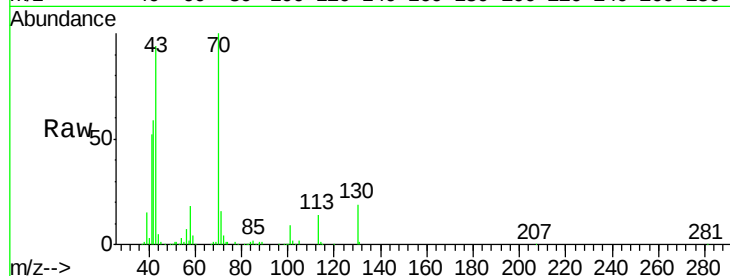




#15
N-Nitroso-di-n-propylamine
Concen: 25.06 ng/ul
RT: 8.48 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BM005904.D
Acq: 21 Jun 2016 23:00

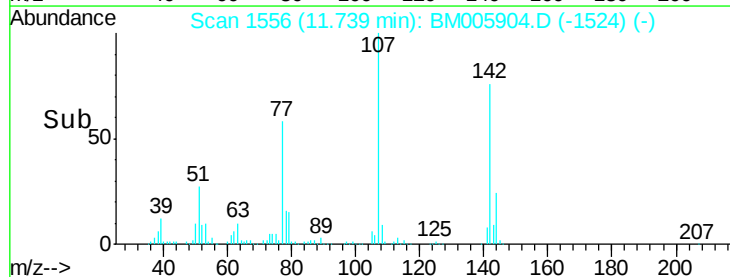
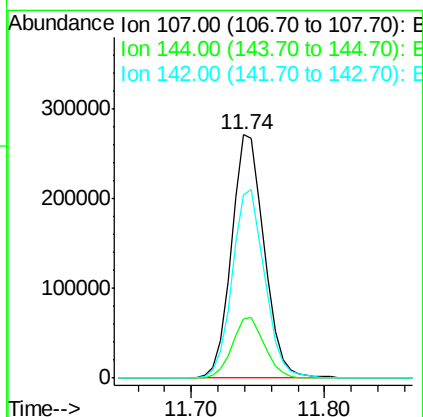
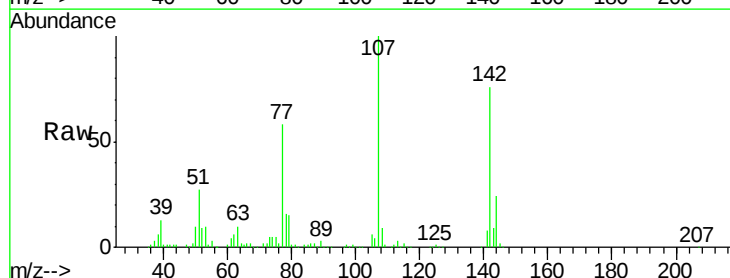
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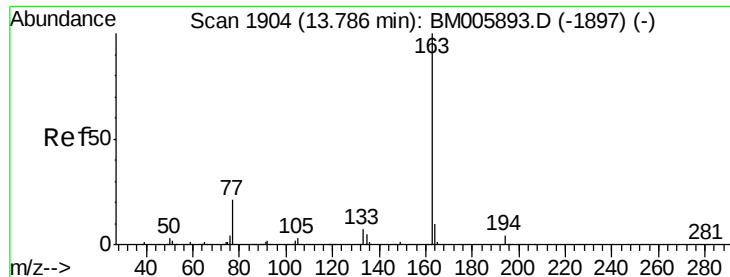
Tgt Ion: 70 Resp: 346210
Ion Ratio Lower Upper
70 100
42 58.5 47.4 71.2
101 9.1 7.4 11.0
130 18.7 15.1 22.7



#33
4-Chloro-3-methylphenol
Concen: 22.73 ng/ul
RT: 11.74 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM005904.D
Acq: 21 Jun 2016 23:00

Tgt Ion: 107 Resp: 462900
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.6
142 75.6 60.2 90.4

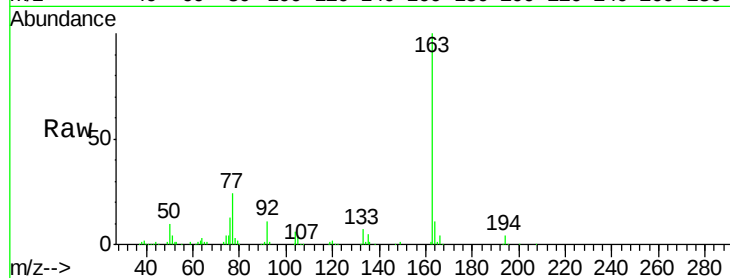




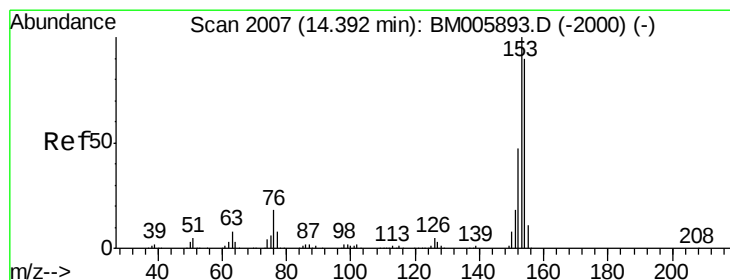
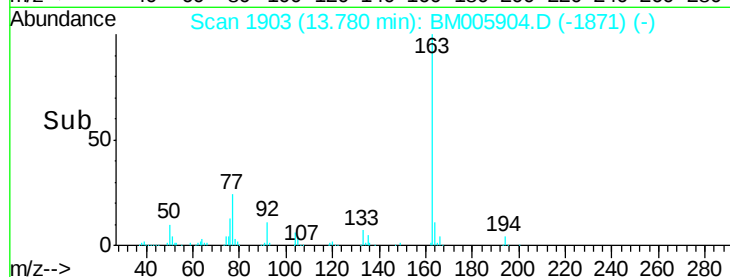
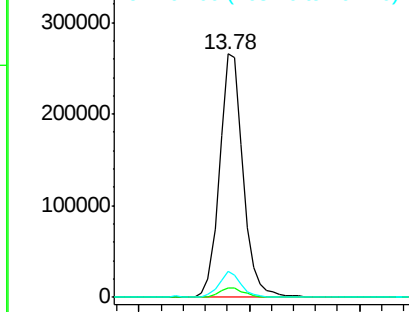
#44
Dimethylphthalate
Concen: 6.96 ng/ul
RT: 13.78 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM005904.D
Acq: 21 Jun 2016 23:00

Instrument :
BNA_M
ClientSampleId :
D9Z39MSD

Tgt Ion:163 Resp: 395500
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.6 7.6 11.4

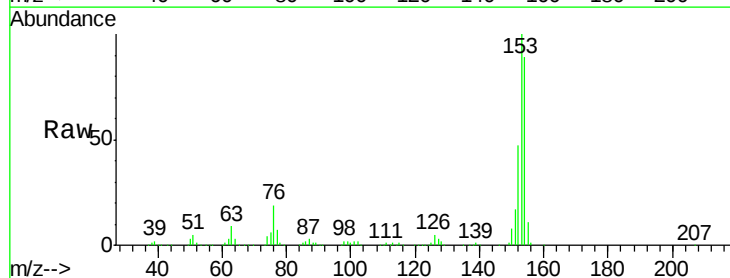


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

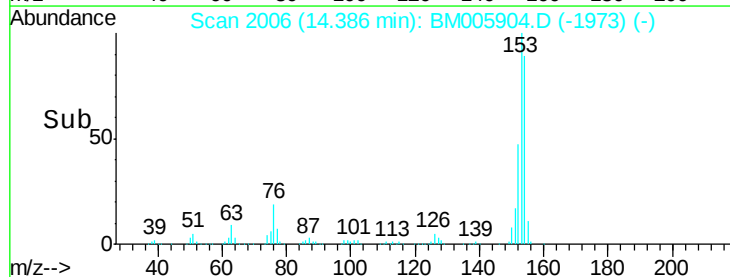
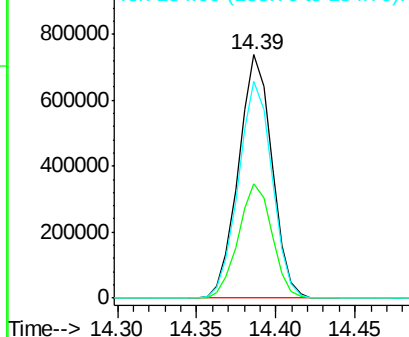


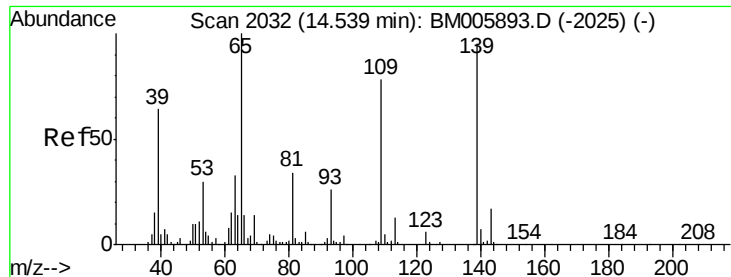
#49
Acenaphthene
Concen: 23.27 ng/ul
RT: 14.39 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BM005904.D
Acq: 21 Jun 2016 23:00

Tgt Ion:153 Resp: 1081938
Ion Ratio Lower Upper
153 100
152 46.8 37.7 56.5
154 89.3 70.8 106.2



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

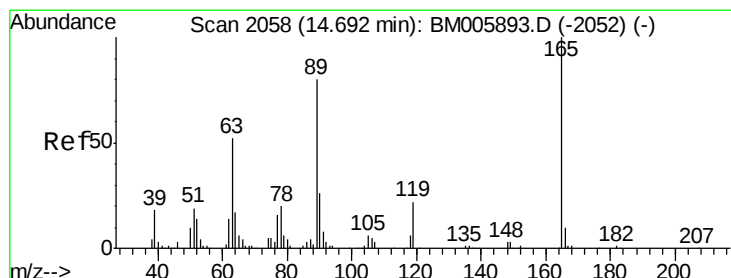
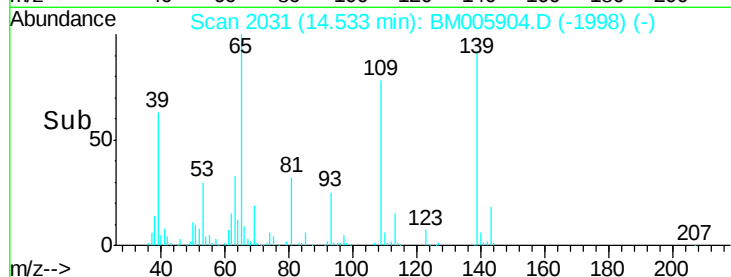
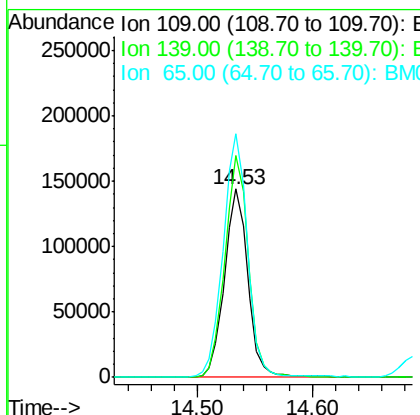
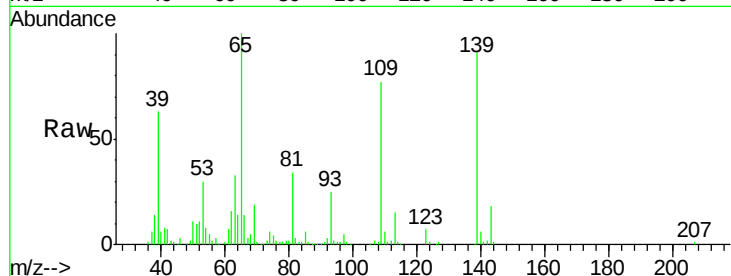




#52
4-Nitrophenol
Concen: 22.25 ng/ul
RT: 14.53 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BM005904.D
Acq: 21 Jun 2016 23:00

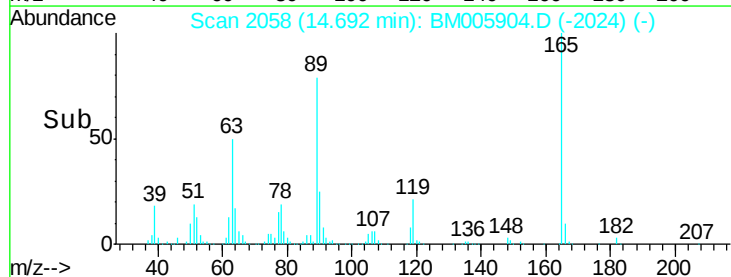
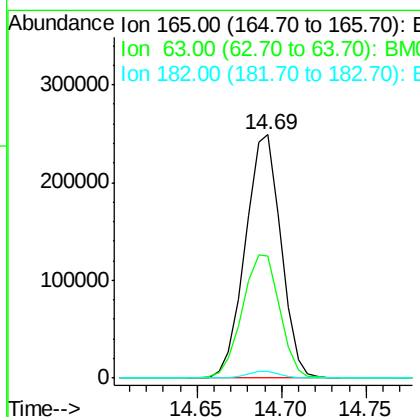
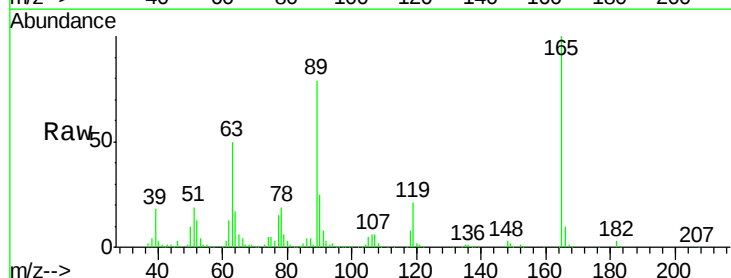
Instrument :
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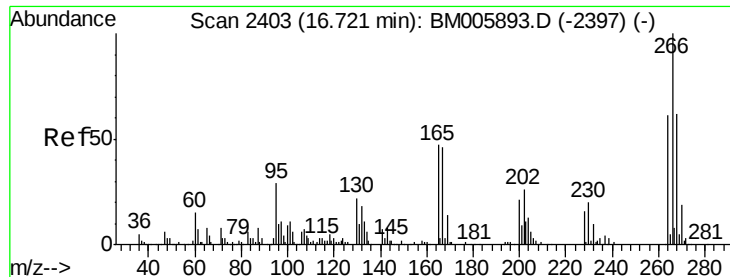
Tgt Ion	Ratio	Lower	Upper
109	100		
139	117.6	100.9	151.3
65	129.3	109.0	163.6



#54
2,4-Dinitrotoluene
Concen: 26.23 ng/ul
RT: 14.69 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM005904.D
Acq: 21 Jun 2016 23:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	40.8	61.2
182	2.7	2.1	3.1

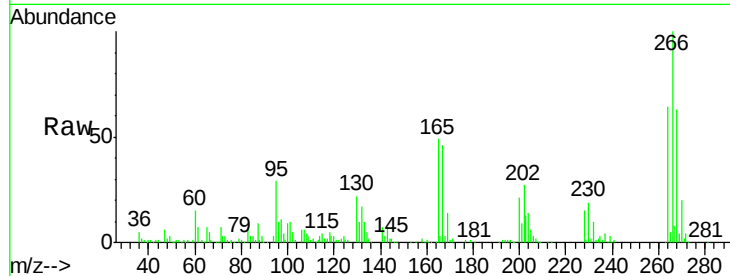




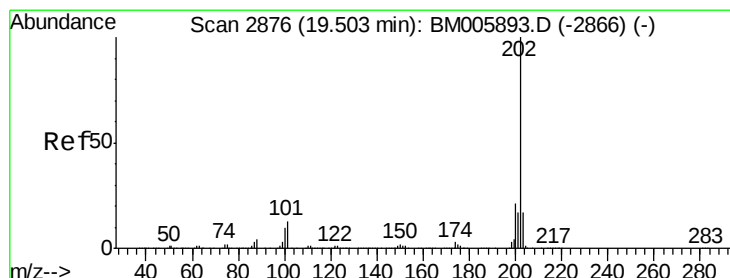
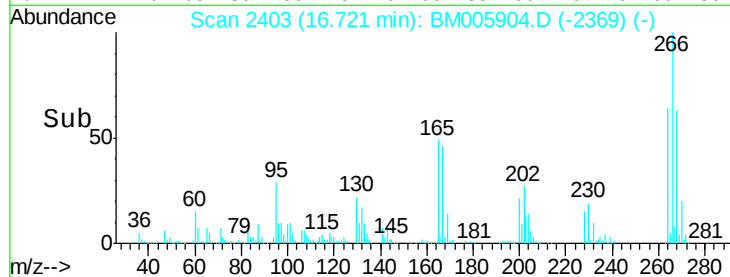
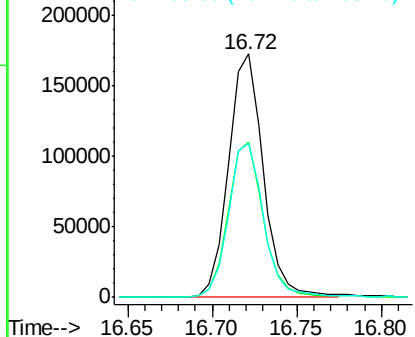
#68
 Pentachlorophenol
 Concen: 24.41 ng/ul
 RT: 16.72 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BM005904.D
 Acq: 21 Jun 2016 23:00

Instrument :
 BNA_M
 ClientSampleId :
 D9Z39MSD

Tgt Ion:266 Resp: 247523
 Ion Ratio Lower Upper
 266 100
 264 63.8 49.5 74.3
 268 63.3 50.3 75.5

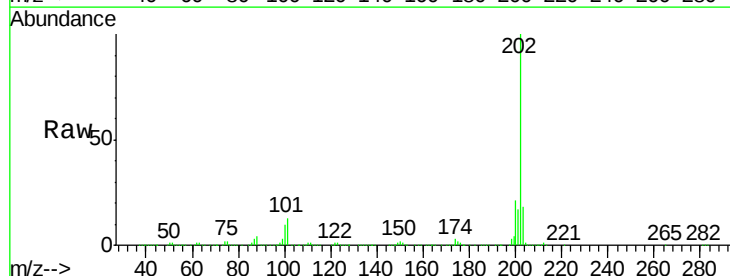


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 22.88 ng/ul
 RT: 19.50 min Scan# 2875
 Delta R.T. 0.00 min
 Lab File: BM005904.D
 Acq: 21 Jun 2016 23:00

Tgt Ion:202 Resp: 2827025
 Ion Ratio Lower Upper
 202 100
 101 12.9 11.0 16.6
 100 10.4 9.0 13.6



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

