

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062116\
 Data File : BM005903.D
 Acq On : 21 Jun 2016 22:24
 Operator : UM/SJ
 Sample : H3612-22MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z39MS

Quant Time: Jun 22 03:15:12 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	151758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	820254	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	548381	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1354020	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1604980	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1624237	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8173	2.11	ng/uL	0.00
5) Phenol-d5	6.85	99	345010	20.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	229000	23.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	266995	21.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	276894	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	134437	22.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	138329	23.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	283449	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	430933	32.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1150371	22.14	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1339508	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	142640	15.91	ng/ul	0.00
57) Fluorene-d10	15.32	176	983405	22.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	100946	18.50	ng/ul	0.00
70) Anthracene-d10	17.17	188	1563051	22.77	ng/ul	0.00
76) Pyrene-d10	19.47	212	1841325	21.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1913356	23.12	ng/ul	0.00

Target Compounds

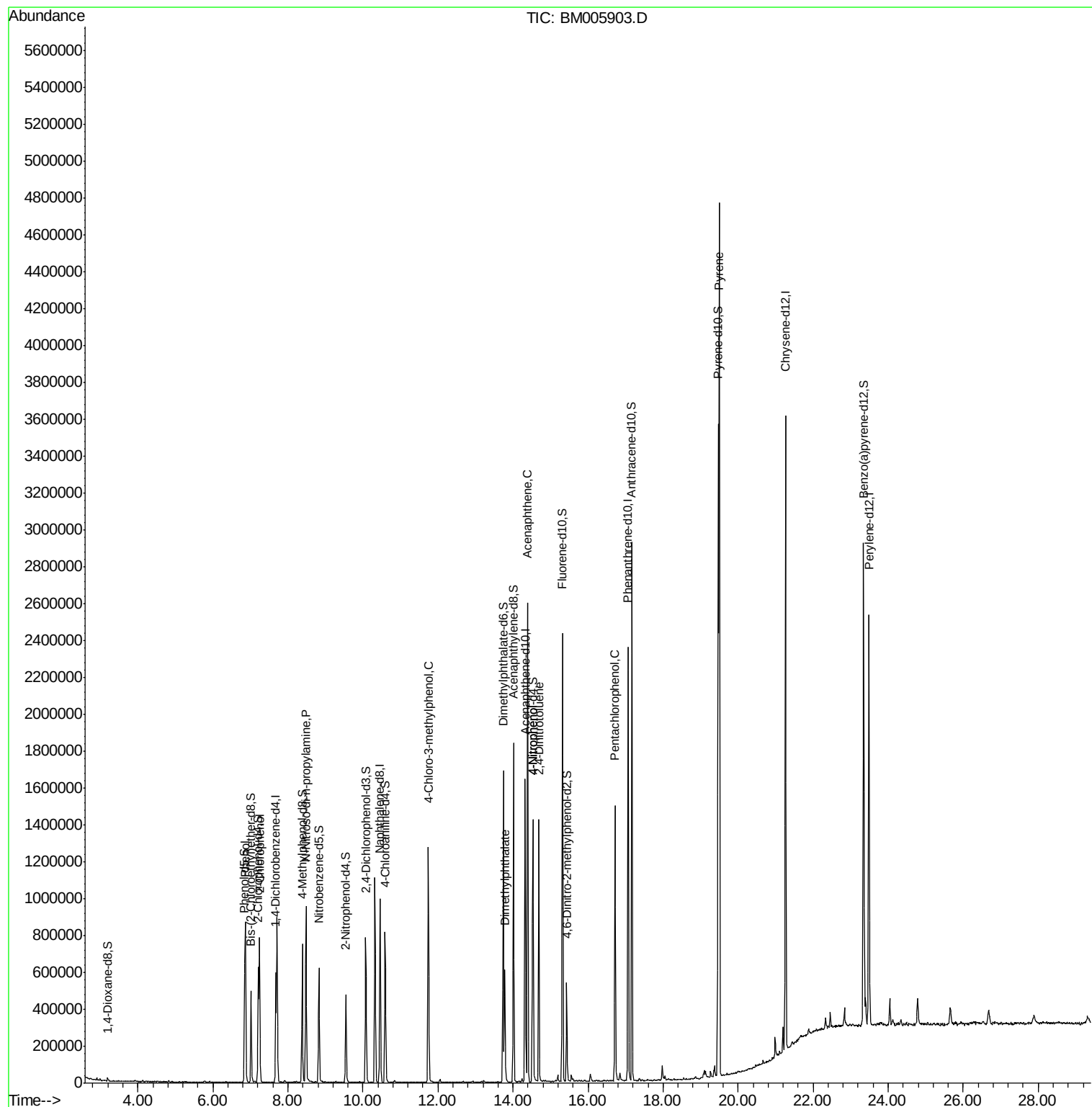
						Ovalue
6) Phenol	6.87	94	434654	25.66	ng/ul	96
10) 2-Chlorophenol	7.24	128	322783	25.67	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.48	70	345114	29.24	ng/ul	99
33) 4-Chloro-3-methylphenol	11.74	107	462698	25.58	ng/ul	99
44) Dimethylphthalate	13.79	163	390728	7.72	ng/ul	99
49) Acenaphthene	14.39	153	1082240	26.14	ng/ul	98
52) 4-Nitrophenol	14.53	109	200035	24.51	ng/ul	92
54) 2,4-Dinitrotoluene	14.69	165	356758	28.68	ng/ul	100
68) Pentachlorophenol	16.72	266	246657	27.04	ng/ul	99
77) Pyrene	19.50	202	2788943	25.87	ng/ul	98

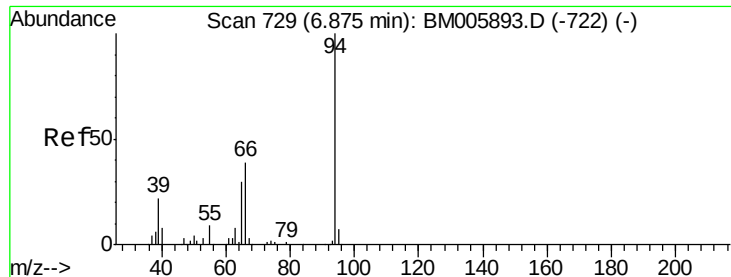
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 25.66 ng/ul

RT: 6.87 min Scan# 728

Delta R.T. -0.01 min

Lab File: BM005903.D

Acq: 21 Jun 2016 22:24

Instrument :

BNA_M

ClientSampleId :

D9Z39MS

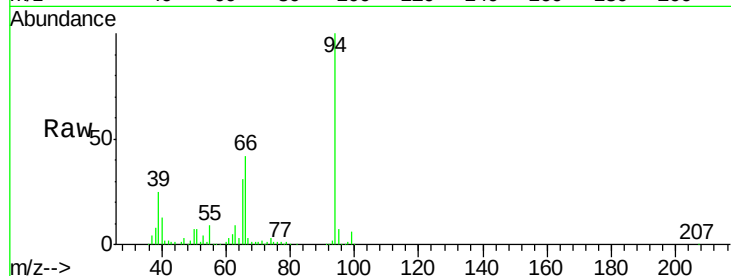
Tot Ion: 94 Resp: 434654

Ion Ratio Lower Upper

94 100

65 31.0 23.2 34.8

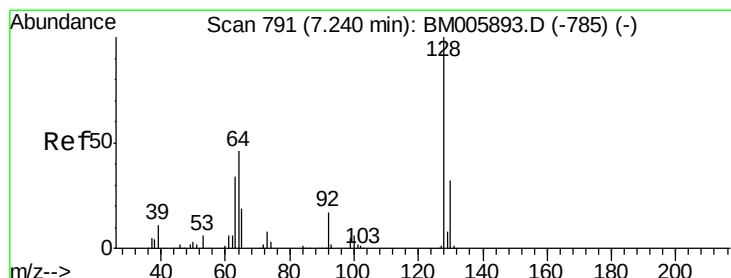
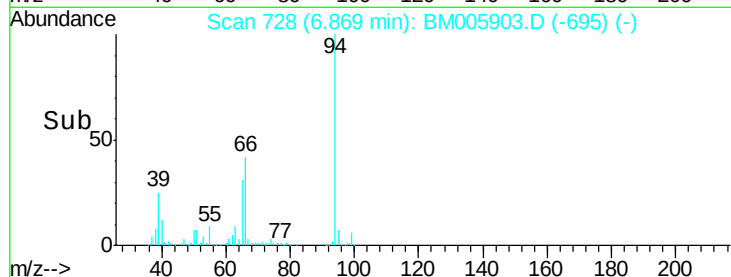
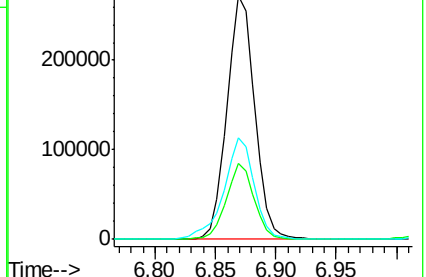
66 41.8 31.6 47.4



Abundance Ion 94.00 (93.70 to 94.70): BM005893.D (-722) (-)

Ion 65.00 (64.70 to 65.70): BM005893.D (-722) (-)

Ion 66.00 (65.70 to 66.70): BM005893.D (-722) (-)



#10

2-Chlorophenol

Concen: 25.67 ng/ul

RT: 7.24 min Scan# 791

Delta R.T. -0.01 min

Lab File: BM005903.D

Acq: 21 Jun 2016 22:24

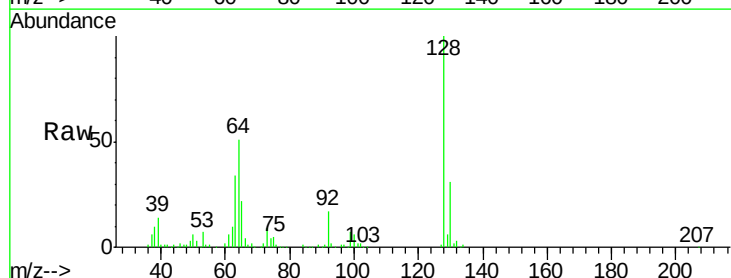
Tgt Ion: 128 Resp: 322783

Ion Ratio Lower Upper

128 100

64 50.9 39.1 58.7

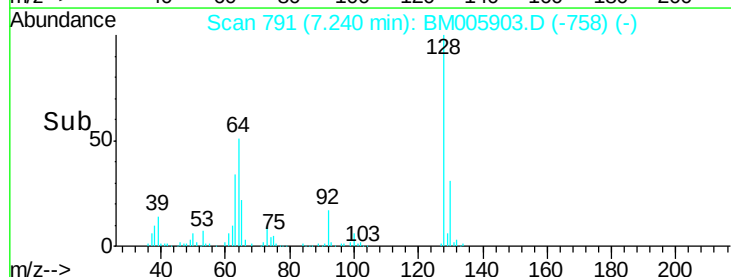
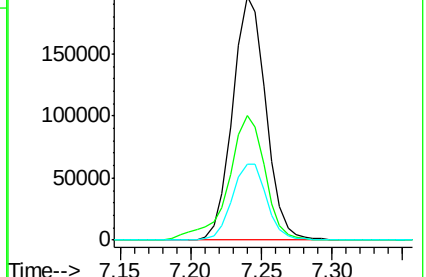
130 31.2 25.2 37.8

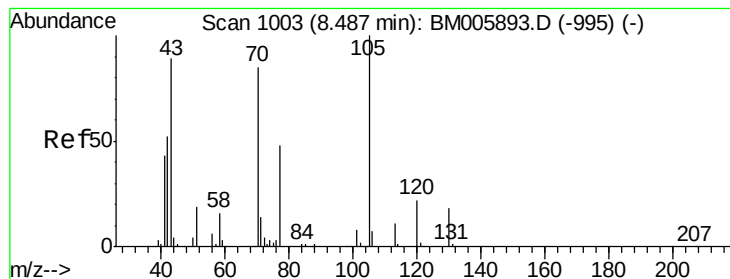


Abundance Ion 128.00 (127.70 to 128.70): BM005893.D (-785) (-)

Ion 64.00 (63.70 to 64.70): BM005893.D (-785) (-)

Ion 130.00 (129.70 to 130.70): BM005893.D (-785) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 29.24 ng/ul

RT: 8.48 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BM005903.D

Acq: 21 Jun 2016 22:24

Instrument :

BNA_M

ClientSampleId :

D9Z39MS

Tot Ion: 70 Resp: 345114

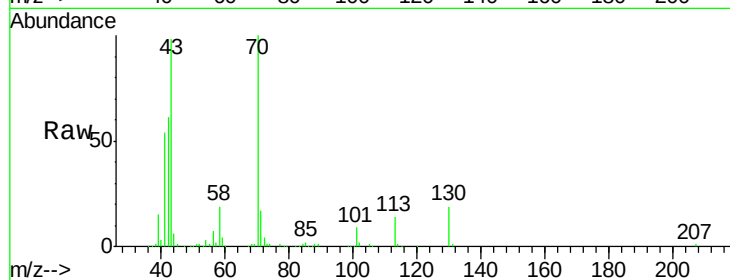
Ion Ratio Lower Upper

70 100

42 60.8 47.4 71.2

101 9.2 7.4 11.0

130 18.7 15.1 22.7

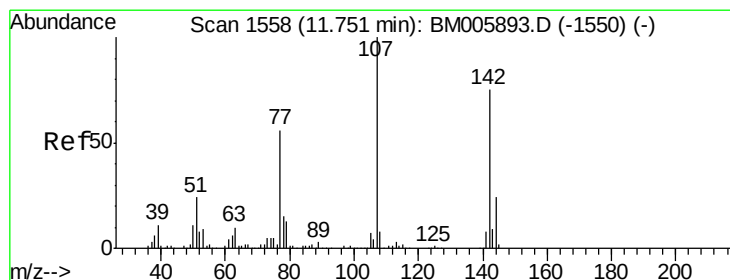
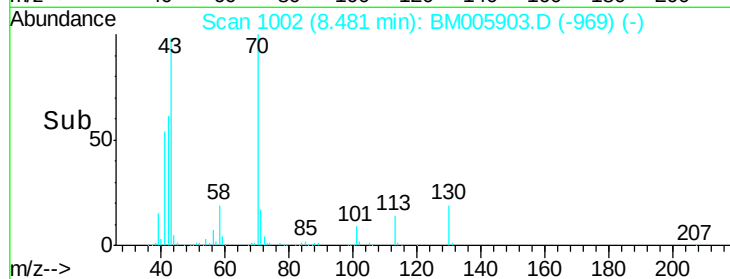
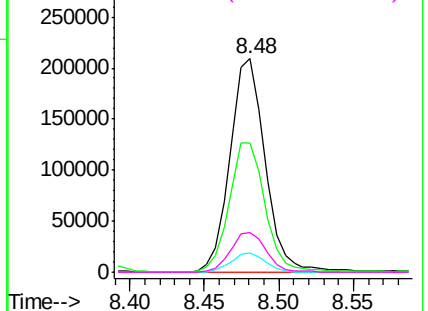


Abundance Ion 70.00 (69.70 to 70.70): BM005893.D (-995) (-)

Ion 42.00 (41.70 to 42.70): BM005893.D (-995) (-)

Ion 101.00 (100.70 to 101.70): BM005893.D (-995) (-)

Ion 130.00 (129.70 to 130.70): BM005893.D (-995) (-)



#33

4-Chloro-3-methylphenol

Concen: 25.58 ng/ul

RT: 11.74 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BM005903.D

Acq: 21 Jun 2016 22:24

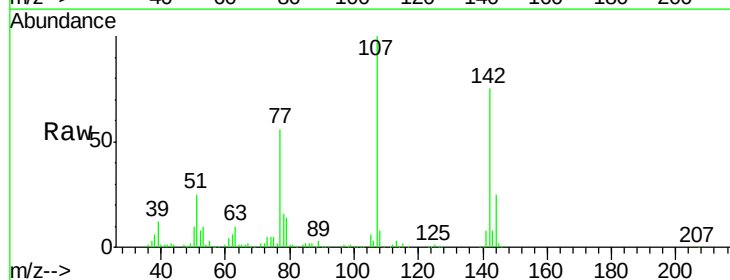
Tgt Ion: 107 Resp: 462698

Ion Ratio Lower Upper

107 100

144 24.9 19.0 28.6

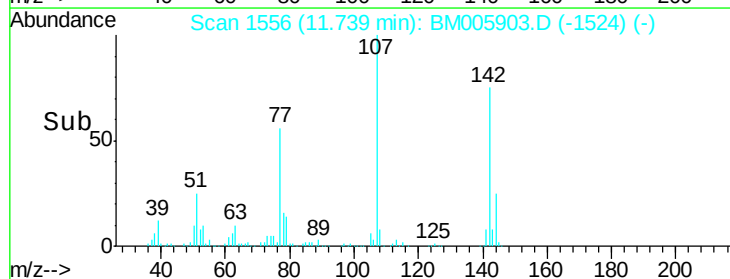
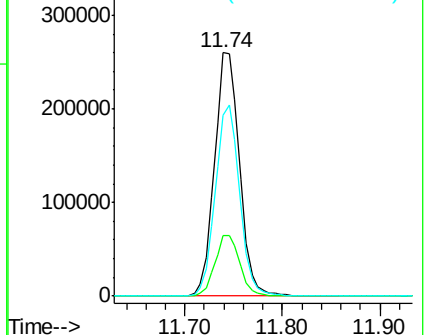
142 74.5 60.2 90.4

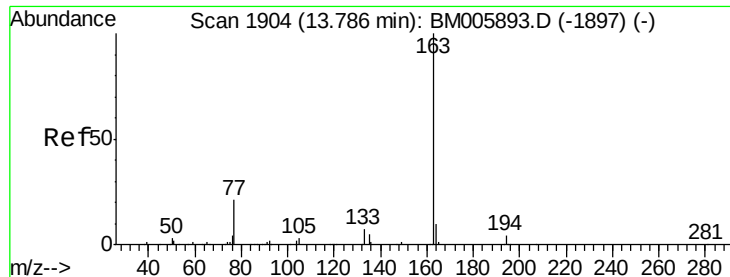


Abundance Ion 107.00 (106.70 to 107.70): BM005893.D (-1550) (-)

Ion 144.00 (143.70 to 144.70): BM005893.D (-1550) (-)

Ion 142.00 (141.70 to 142.70): BM005893.D (-1550) (-)

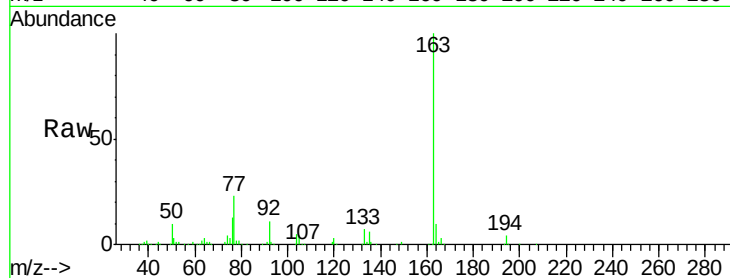




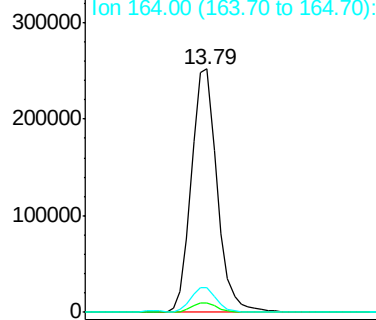
#44
Dimethylphthalate
Concen: 7.72 ng/ul
RT: 13.79 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM005903.D
Acq: 21 Jun 2016 22:24

Instrument :
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D9Z39MS

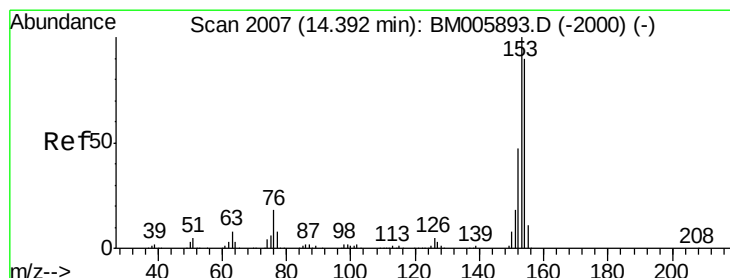
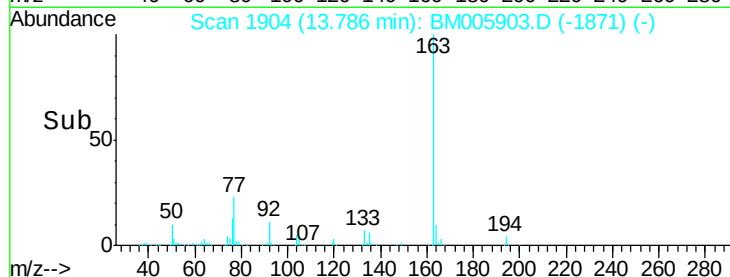
Tot Ion:163 Resp: 390728
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.9 7.6 11.4



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

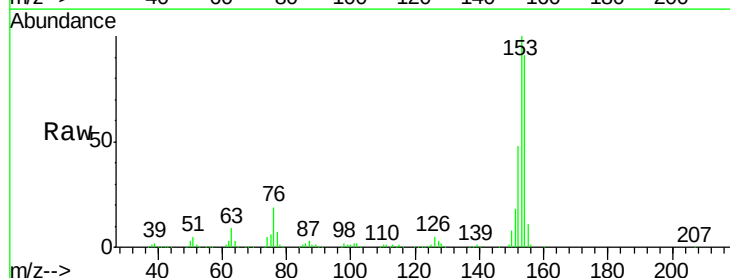


Time--> 13.70 13.80 13.90

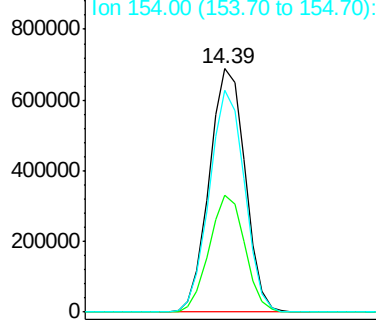


#49
Acenaphthene
Concen: 26.14 ng/ul
RT: 14.39 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BM005903.D
Acq: 21 Jun 2016 22:24

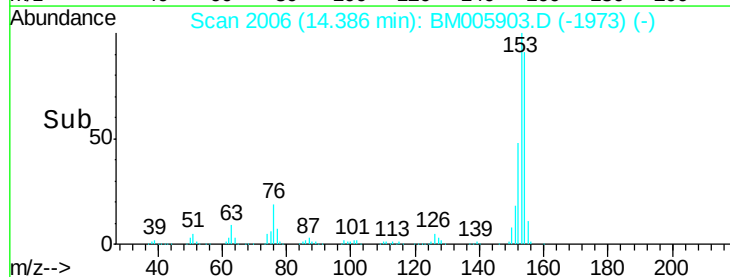
Tgt Ion:153 Resp: 1082240
Ion Ratio Lower Upper
153 100
152 47.8 37.7 56.5
154 91.3 70.8 106.2

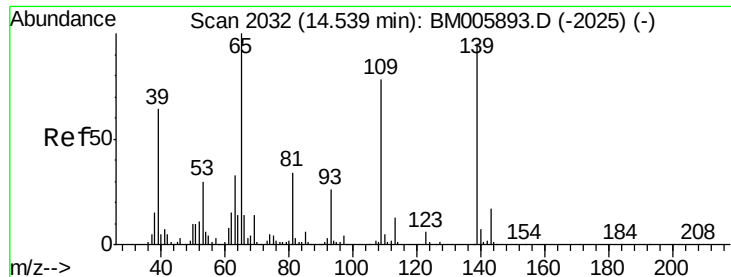


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time--> 14.30 14.35 14.40 14.45

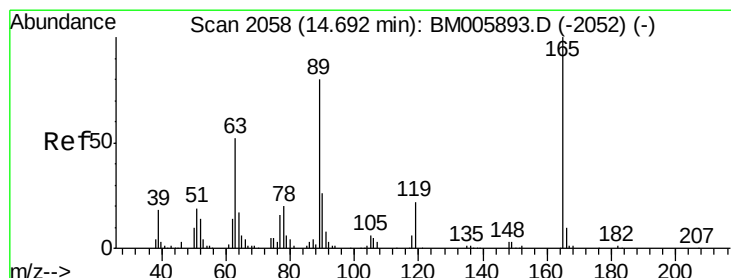
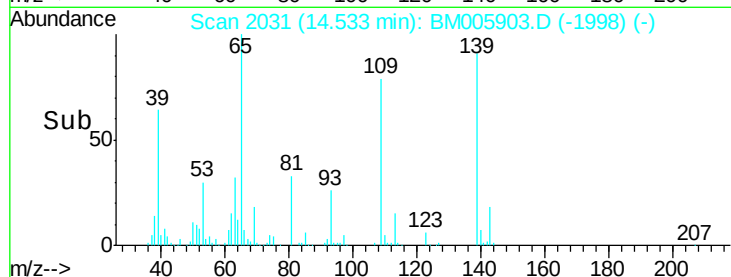
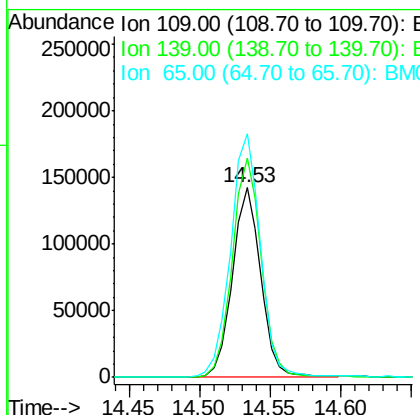
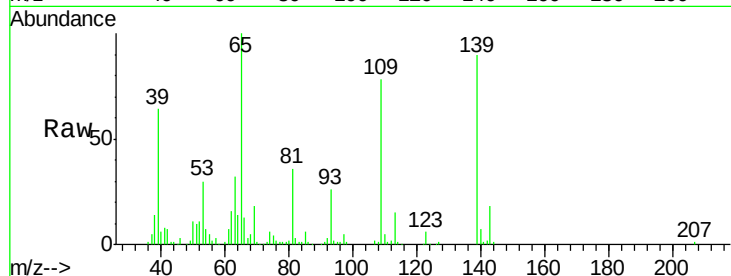




#52
4-Nitrophenol
Concen: 24.51 ng/ul
RT: 14.53 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BM005903.D
Acq: 21 Jun 2016 22:24

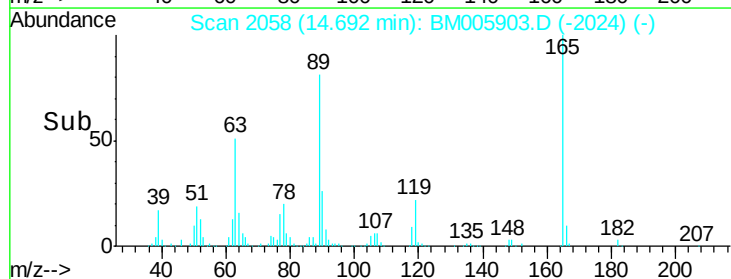
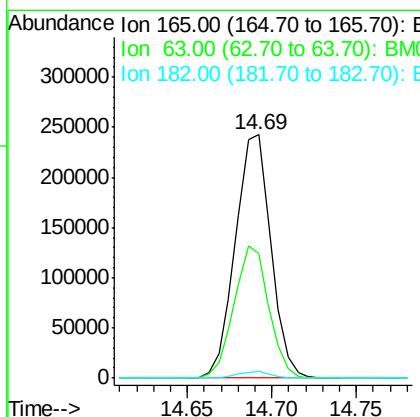
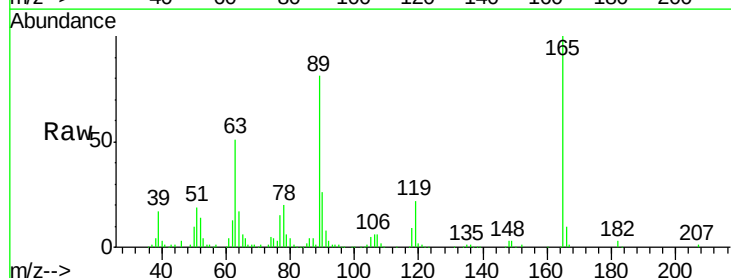
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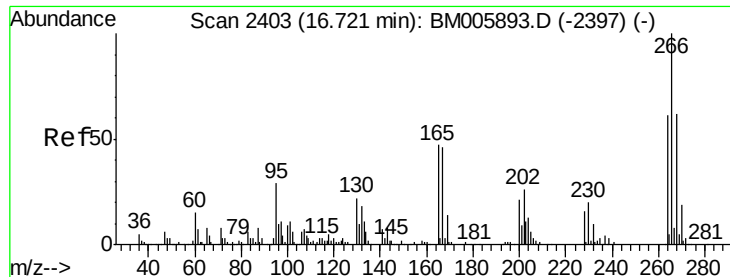
Tot Ion	Ratio	Lower	Upper
109	100		
139	115.7	100.9	151.3
65	128.3	109.0	163.6



#54
2,4-Dinitrotoluene
Concen: 28.68 ng/ul
RT: 14.69 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM005903.D
Acq: 21 Jun 2016 22:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.2	40.8	61.2
182	2.6	2.1	3.1

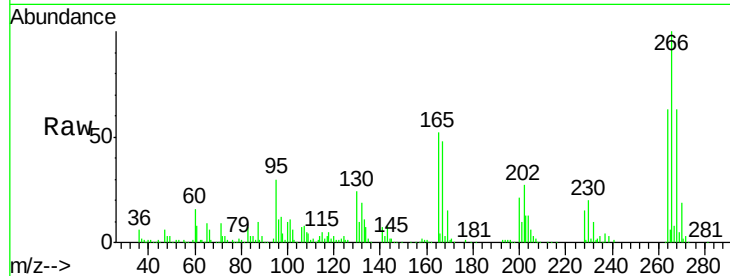




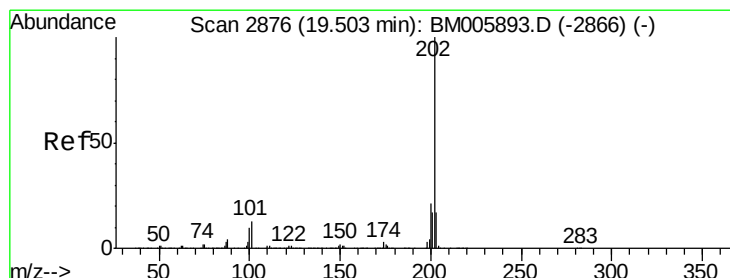
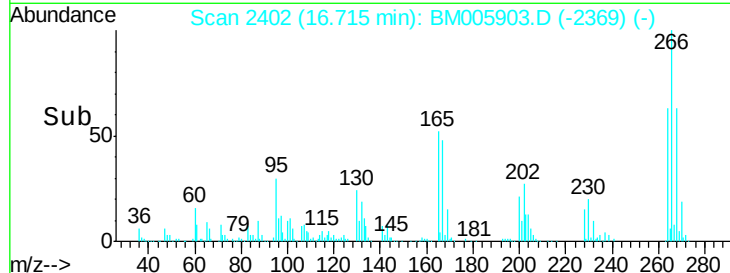
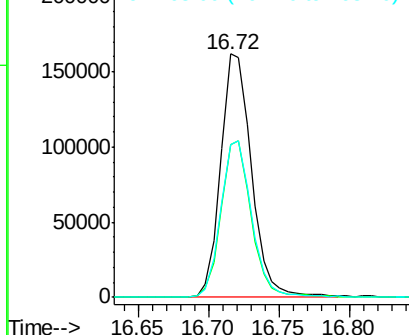
#68
 Pentachlorophenol
 Concen: 27.04 ng/ul
 RT: 16.72 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BM005903.D
 Acq: 21 Jun 2016 22:24

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Tot Ion:266 Resp: 246657
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.5 74.3
 268 62.9 50.3 75.5

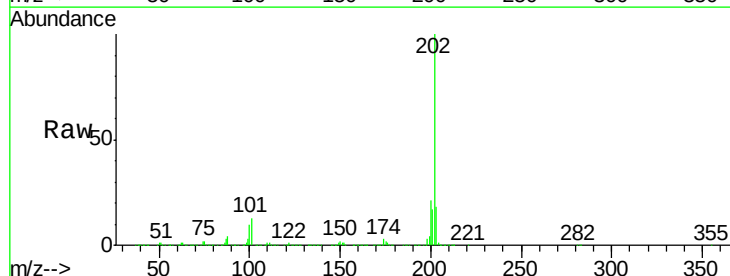


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 25.87 ng/ul
 RT: 19.50 min Scan# 2875
 Delta R.T. 0.00 min
 Lab File: BM005903.D
 Acq: 21 Jun 2016 22:24

Tgt Ion:202 Resp: 2788943
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.0 16.6
 100 10.5 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

