

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
 Data File : BM007159.D
 Acq On : 17 Aug 2016 01:39
 Operator : UM/SJ
 Sample : H4445-13MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N31MS

Quant Time: Aug 17 03:22:09 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 03:20:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	252660	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	988430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	565033	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1328148	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1836787	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1971695	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	28647	4.95	ng/uL	0.00
5) Phenol-d5	6.97	99	545715	26.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	327302	27.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	446846	27.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	410079	24.35	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	212354	29.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	237955	31.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	443826	27.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	554997	29.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1406891	30.13	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1690855	30.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	227069	27.14	ng/ul	0.00
57) Fluorene-d10	15.43	176	1190229	29.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	180572	24.60	ng/ul	0.00
70) Anthracene-d10	17.27	188	1935590	31.46	ng/ul	0.00
76) Pyrene-d10	19.57	212	2404547	31.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2930991	32.50	ng/ul	0.00

Target Compounds

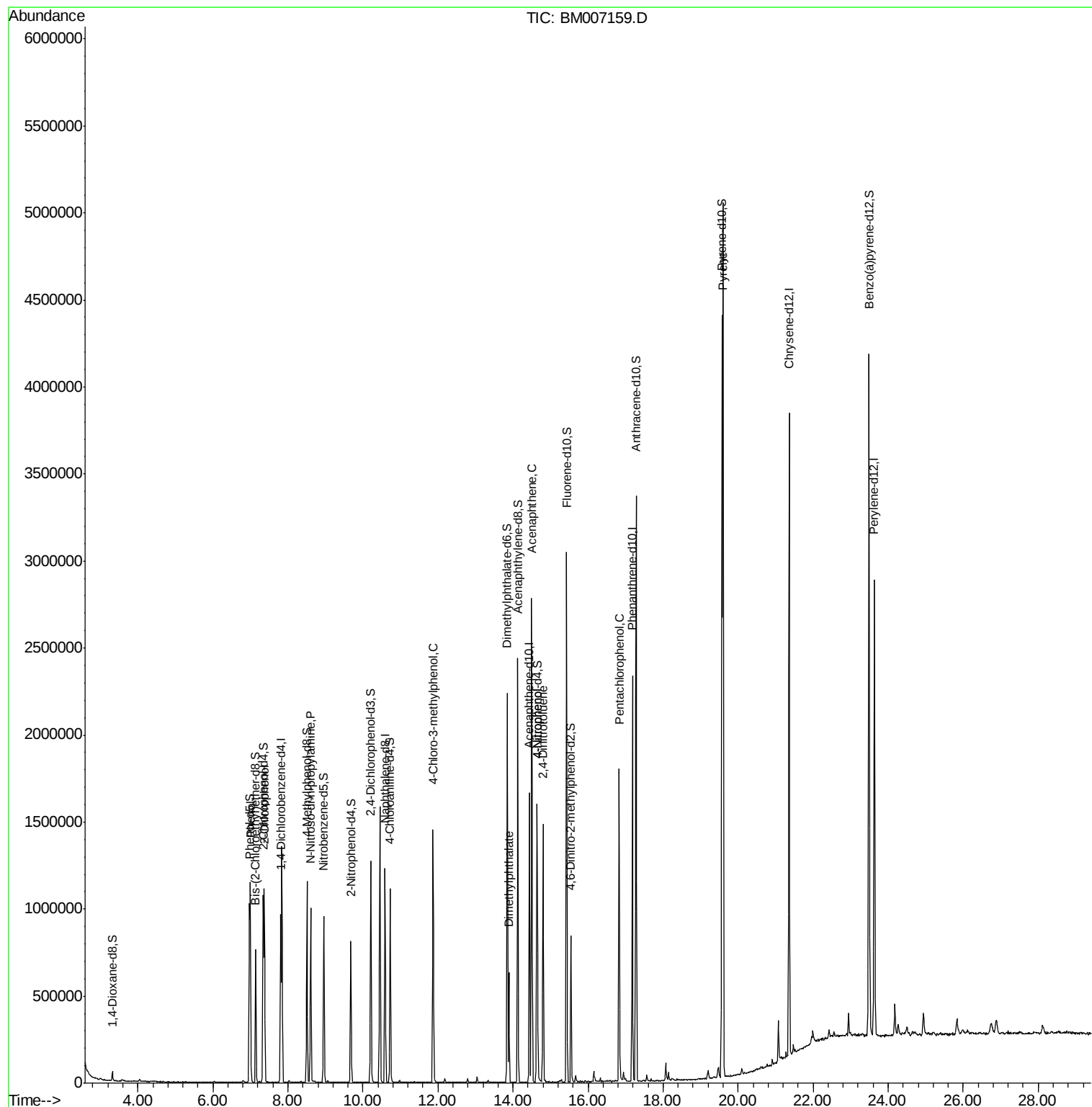
						Ovalue
6) Phenol	7.00	94	566655	26.28	ng/ul	97
10) 2-Chlorophenol	7.37	128	457556	27.44	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	376898	27.93	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	493914	28.25	ng/ul	97
44) Dimethylphthalate	13.89	163	383981	8.23	ng/ul	99
49) Acenaphthene	14.50	153	1144443	30.54	ng/ul	99
52) 4-Nitrophenol	14.65	109	242399	28.50	ng/ul	92
54) 2,4-Dinitrotoluene	14.80	165	410415	30.67	ng/ul	94
68) Pentachlorophenol	16.83	266	314274	30.02	ng/ul	97
77) Pyrene	19.60	202	3018359	29.72	ng/ul	99

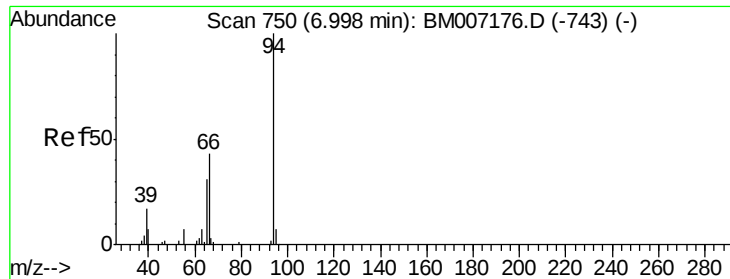
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 03:20:37 2016
Response via : Initial Calibration





#6

Phenol

Concen: 26.28 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM007159.D

Acq: 17 Aug 2016 01:39

Instrument :

BNA_M

ClientSampleId :

E5N31MS

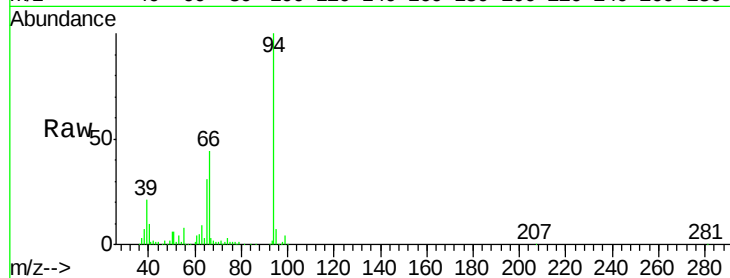
Tot Ion: 94 Resp: 566655

Ion Ratio Lower Upper

94 100

65 31.1 23.9 35.9

66 44.2 33.5 50.3

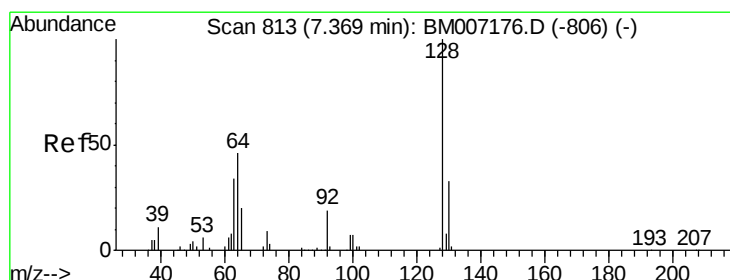
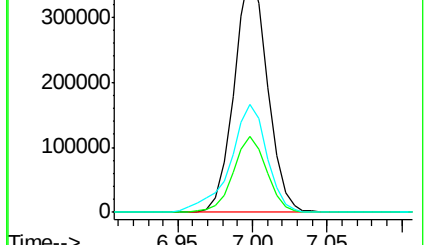
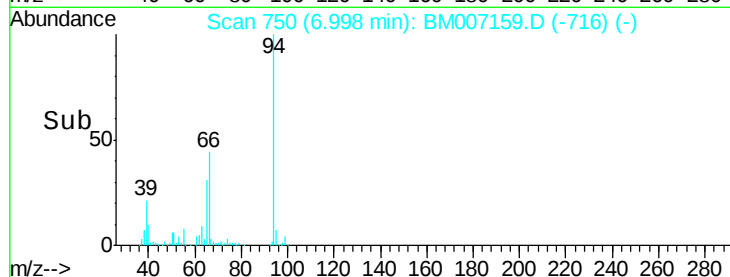


Abundance Ion 94.00 (93.70 to 94.70): BM007176.D (-743) (-)

Ion 65.00 (64.70 to 65.70): BM007176.D (-743) (-)

Ion 66.00 (65.70 to 66.70): BM007176.D (-743) (-)

Time-->



#10

2-Chlorophenol

Concen: 27.44 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM007159.D

Acq: 17 Aug 2016 01:39

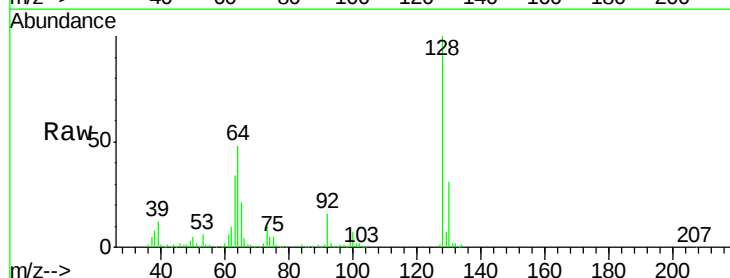
Tgt Ion: 128 Resp: 457556

Ion Ratio Lower Upper

128 100

64 47.7 37.5 56.3

130 31.5 25.0 37.4

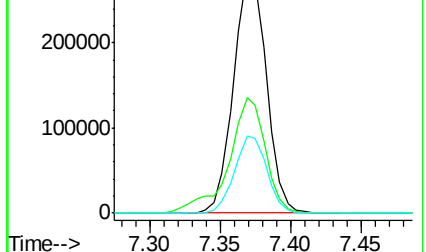
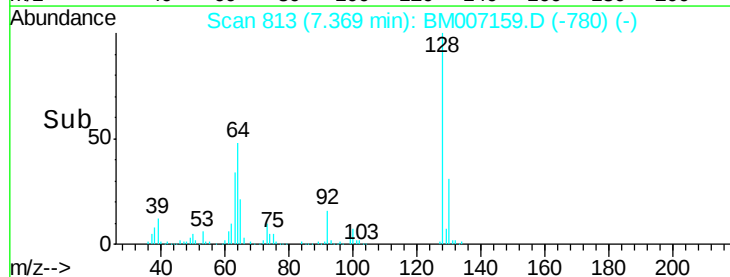


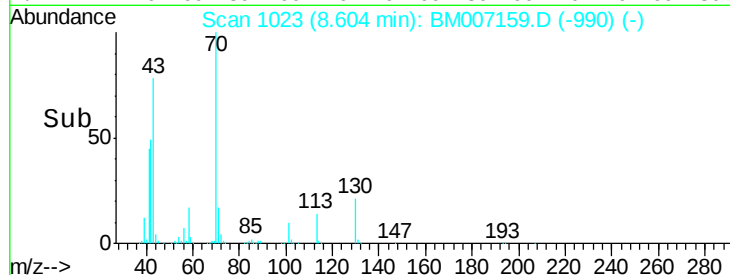
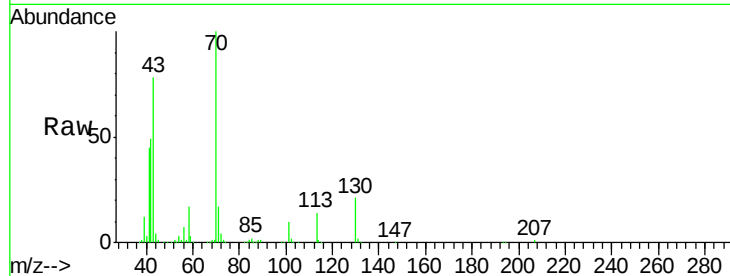
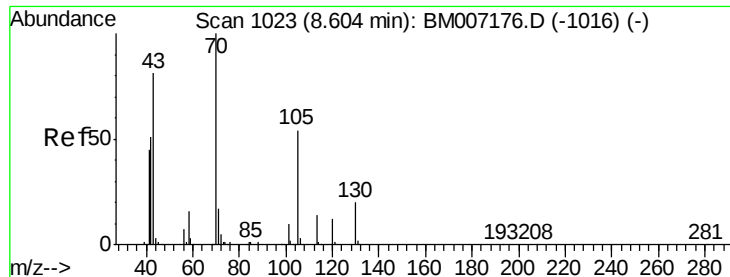
Abundance Ion 128.00 (127.70 to 128.70): BM007176.D (-806) (-)

Ion 64.00 (63.70 to 64.70): BM007176.D (-806) (-)

Ion 130.00 (129.70 to 130.70): BM007176.D (-806) (-)

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 27.93 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BM007159.D

Acq: 17 Aug 2016 01:39

Instrument :

BNA_M

ClientSampleId :

E5N31MS

Tot Ion: 70 Resp: 376898

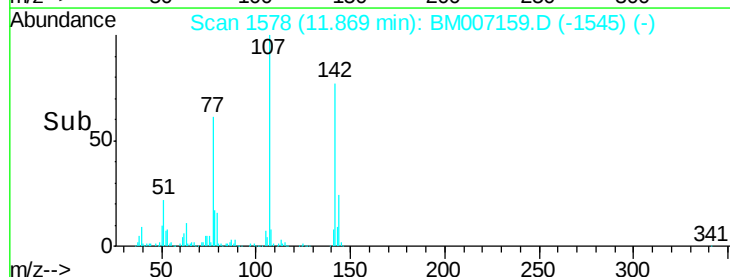
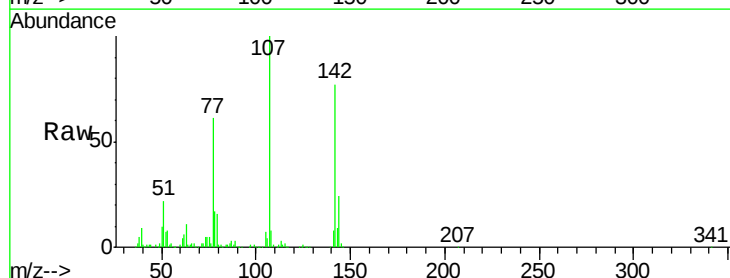
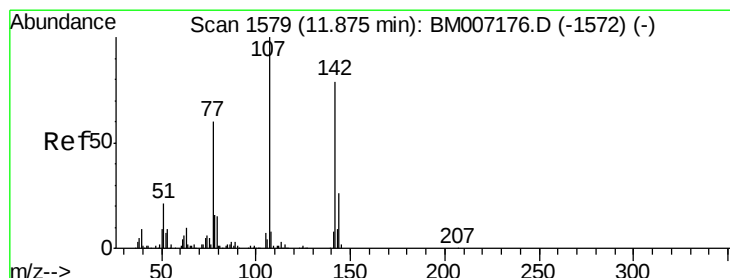
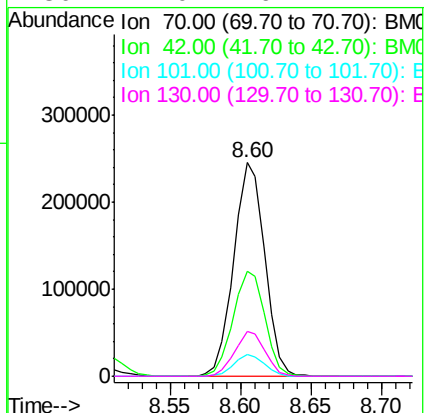
Ion Ratio Lower Upper

70 100

42 49.3 43.4 65.2

101 10.1 7.8 11.6

130 21.0 16.2 24.4



#33

4-Chloro-3-methylphenol

Concen: 28.25 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007159.D

Acq: 17 Aug 2016 01:39

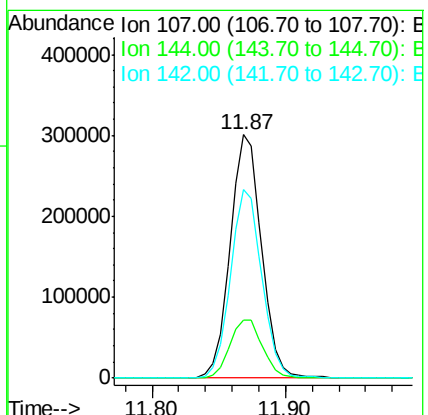
Tgt Ion: 107 Resp: 493914

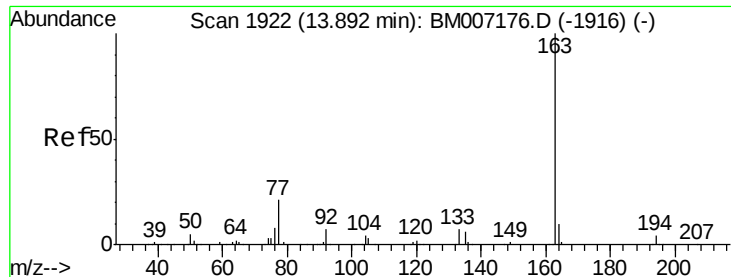
Ion Ratio Lower Upper

107 100

144 24.1 21.1 31.7

142 77.4 64.1 96.1

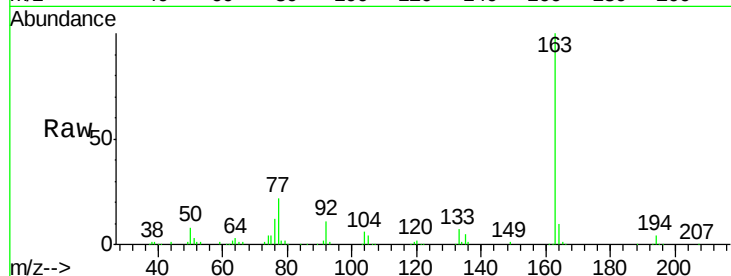




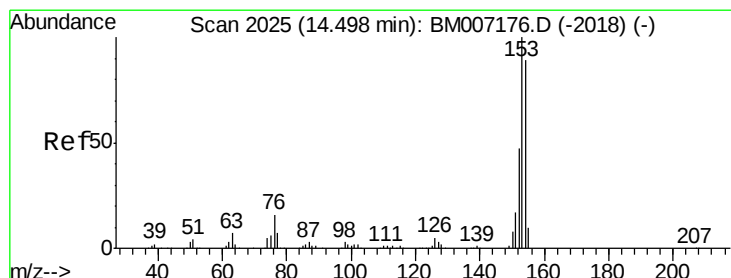
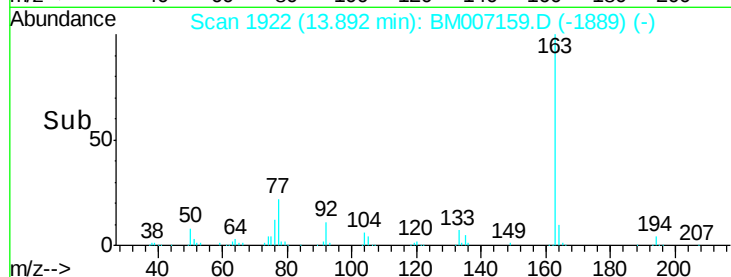
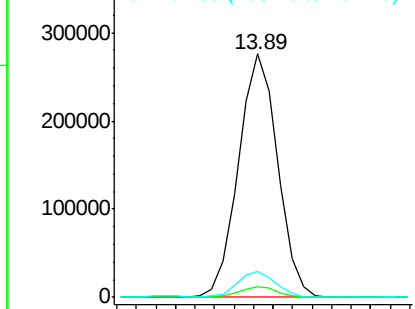
#44
Dimethylphthalate
Concen: 8.23 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM007159.D
Acq: 17 Aug 2016 01:39

Instrument :
BNA_M
ClientSampleId :
E5N31MS

Tot Ion:163 Resp: 383981
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.5 7.8 11.8

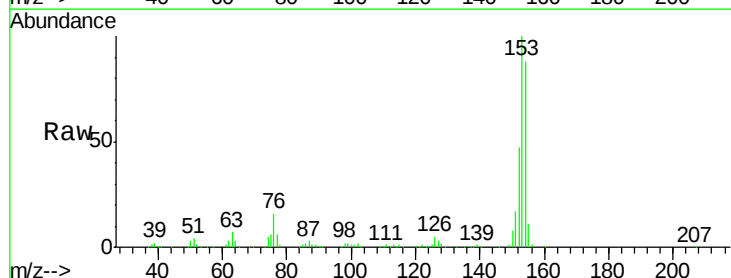


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

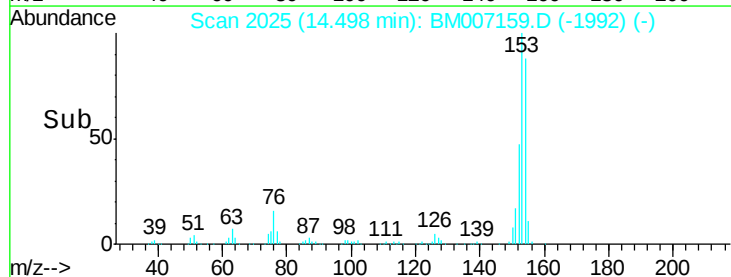
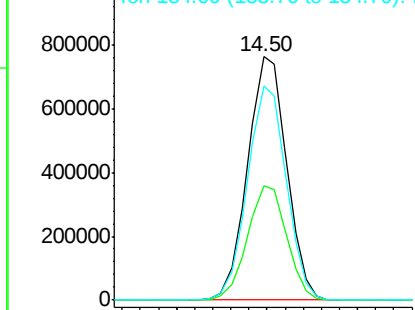


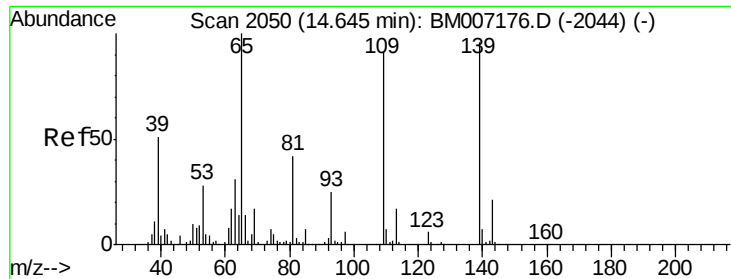
#49
Acenaphthene
Concen: 30.54 ng/ul
RT: 14.50 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM007159.D
Acq: 17 Aug 2016 01:39

Tgt Ion:153 Resp: 1144443
Ion Ratio Lower Upper
153 100
152 46.8 37.8 56.6
154 87.8 71.4 107.0



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: 28.50 ng/ul

RT: 14.65 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM007159.D

Acq: 17 Aug 2016 01:39

Instrument :

BNA_M

ClientSampleId :

E5N31MS

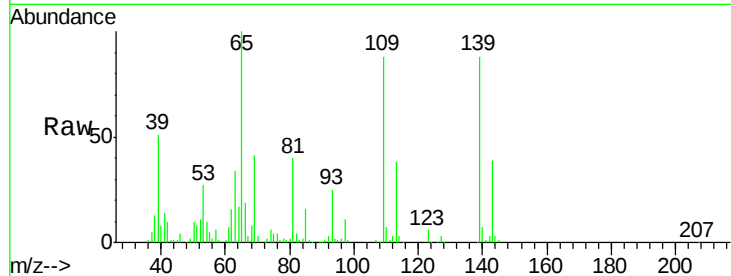
Tot Ion:109 Resp: 242399

Ion Ratio Lower Upper

109 100

139 100.2 88.7 133.1

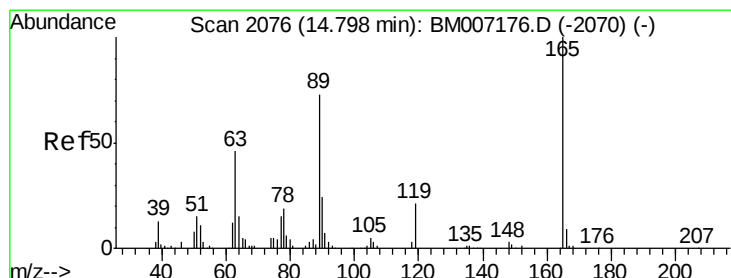
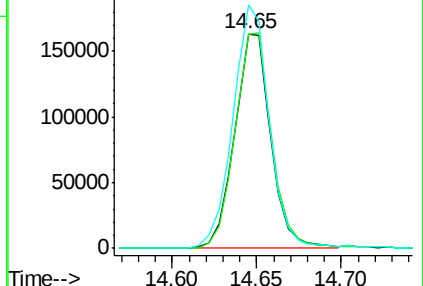
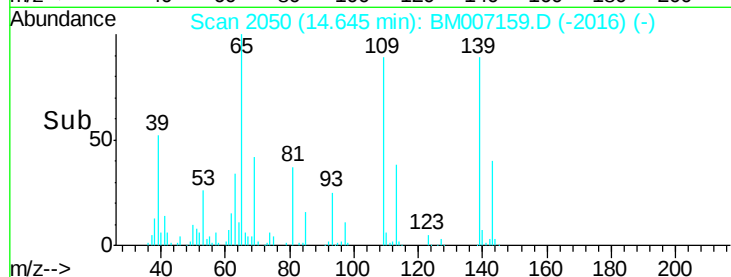
65 113.7 96.4 144.6



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: 30.67 ng/ul

RT: 14.80 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BM007159.D

Acq: 17 Aug 2016 01:39

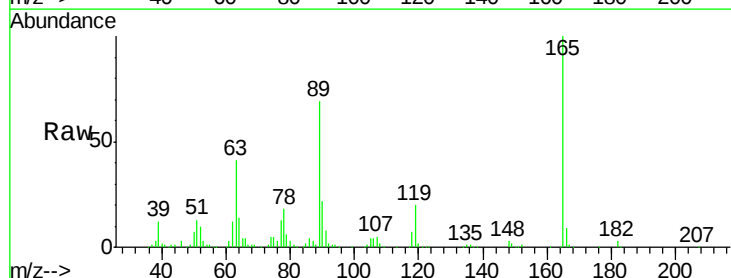
Tgt Ion:165 Resp: 410415

Ion Ratio Lower Upper

165 100

63 41.2 36.2 54.2

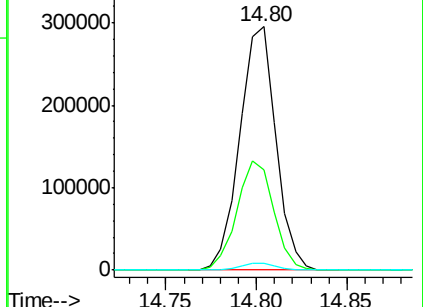
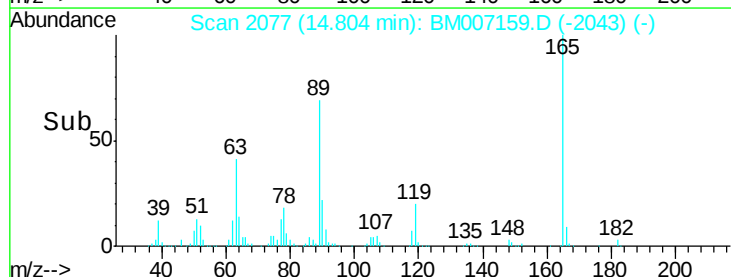
182 3.0 2.2 3.4

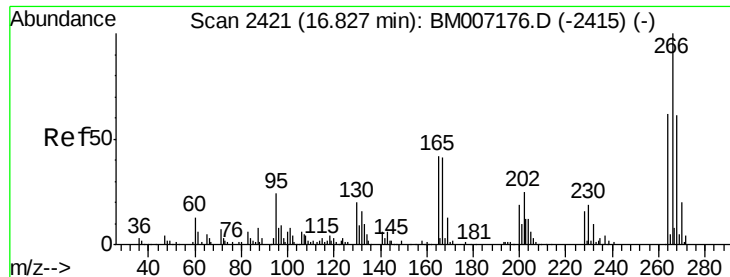


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

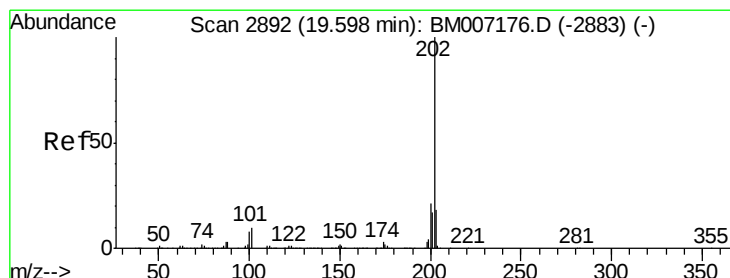
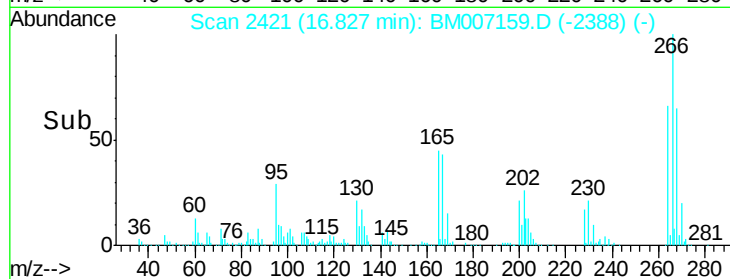
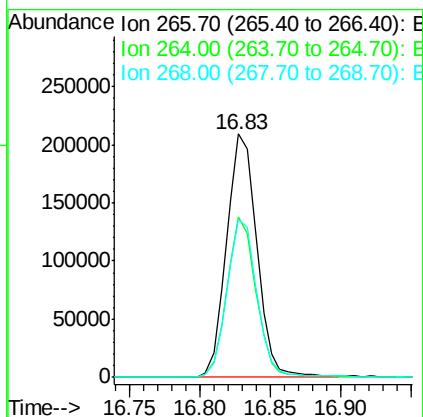
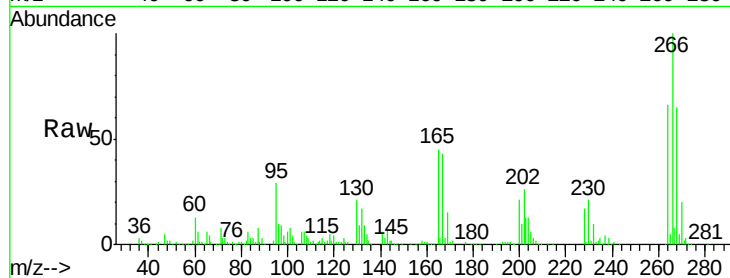




#68
 Pentachlorophenol
 Concen: 30.02 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BM007159.D
 Acq: 17 Aug 2016 01:39

Instrument :
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Tot Ion:266 Resp: 314274
 Ion Ratio Lower Upper
 266 100
 264 66.1 50.6 75.8
 268 64.9 51.0 76.6



#77
 Pyrene
 Concen: 29.72 ng/ul
 RT: 19.60 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: BM007159.D
 Acq: 17 Aug 2016 01:39

Tgt Ion:202 Resp: 3018359
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.4 12.6
 100 8.4 6.9 10.3

