

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081816\
 Data File : BM007193.D
 Acq On : 17 Aug 2016 23:33
 Operator : UM/SJ
 Sample : H4470-07MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 18 10:29:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 04:01:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	198103	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	796186	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	456643	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1072099	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1451870	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1588999	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.32	96	3767	0.83	ng/uL	-0.01
5) Phenol-d5	6.97	99	62999	3.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	172752	18.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	197721	15.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	120218	9.10	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	114110	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	122715	19.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	226312	17.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	18685	1.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	726298	19.25	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	879269	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	18940	2.80	ng/ul	0.00
57) Fluorene-d10	15.43	176	633307	19.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	82480	13.92	ng/ul	0.00
70) Anthracene-d10	17.27	188	1025295	20.64	ng/ul	0.00
76) Pyrene-d10	19.57	212	1248970	20.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1515157	20.85	ng/ul	0.00

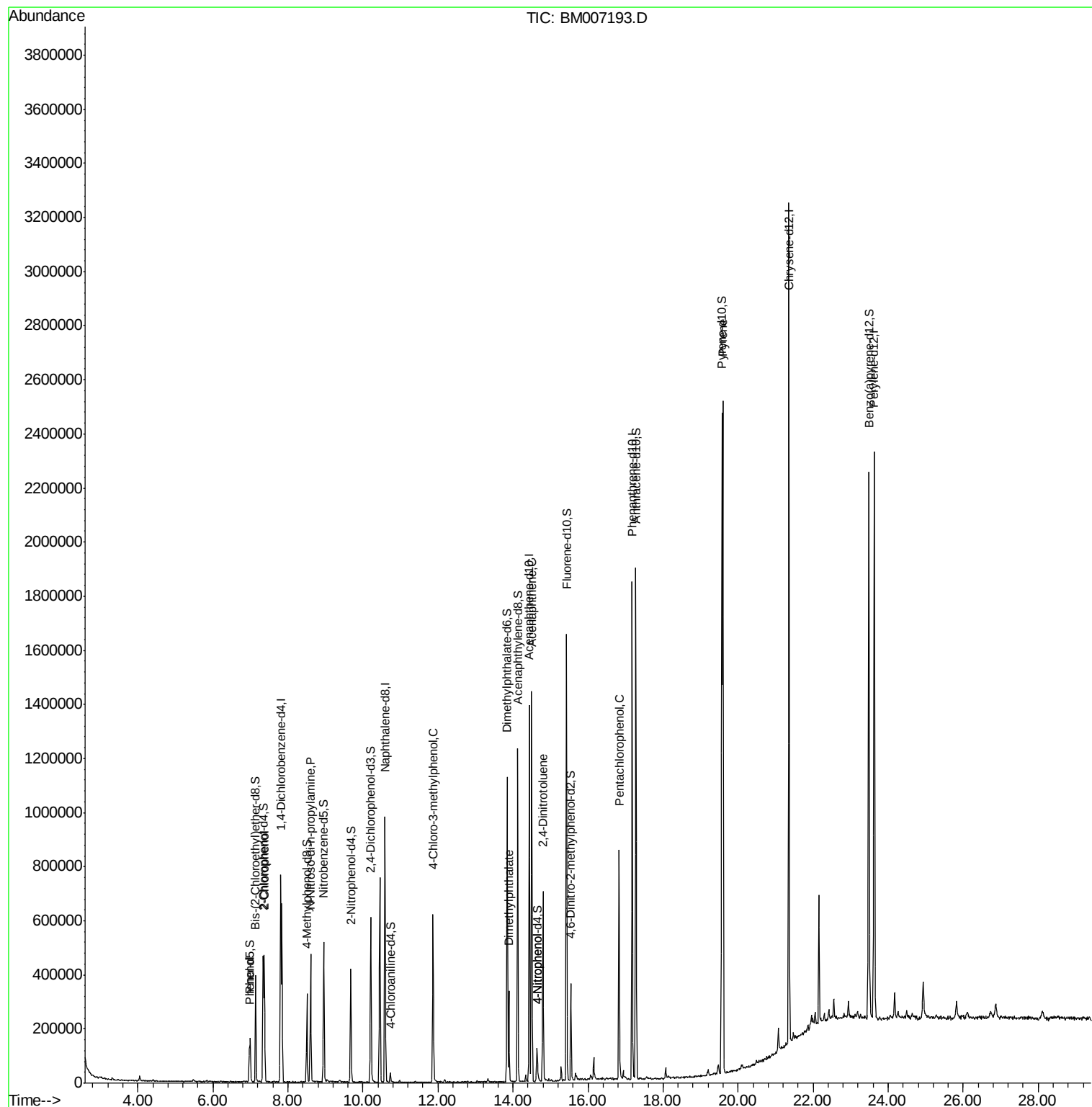
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.00	94	86038	5.09	ng/ul	99
10) 2-Chlorophenol	7.37	128	193777	14.82	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	186220	17.60	ng/ul	97
33) 4-Chloro-3-methylphenol	11.87	107	205517	14.59	ng/ul	98
44) Dimethylphthalate	13.89	163	210487	5.58	ng/ul	99
49) Acenaphthene	14.50	153	572707	18.91	ng/ul	98
52) 4-Nitrophenol	14.65	109	18914	2.75	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	184551	17.06	ng/ul	99
68) Pentachlorophenol	16.83	266	149906	17.74	ng/ul	97
77) Pyrene	19.60	202	1538954	19.17	ng/ul	98

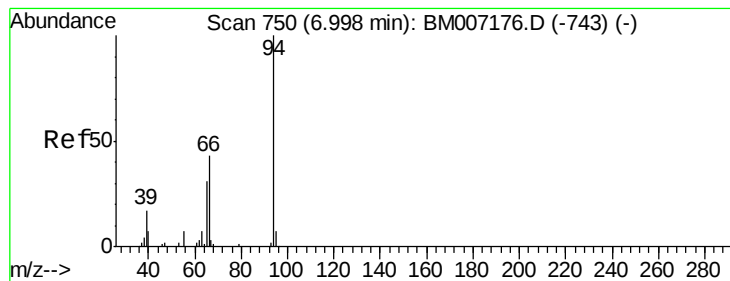
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.09 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM007193.D

Acq: 17 Aug 2016 23:33

Instrument :

BNA_M

ClientSampleId :

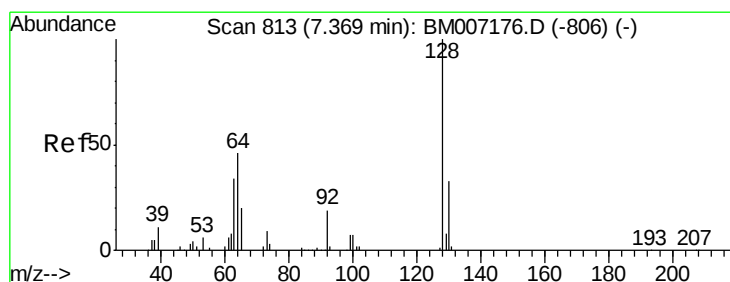
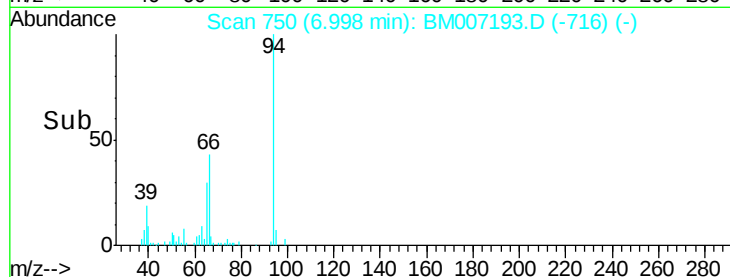
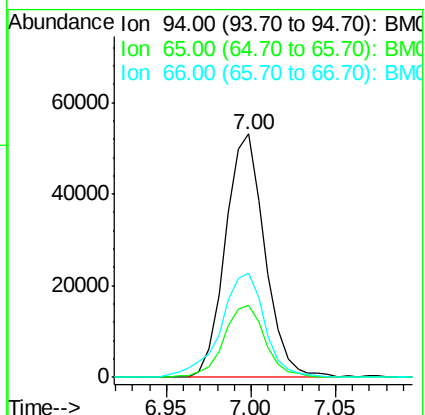
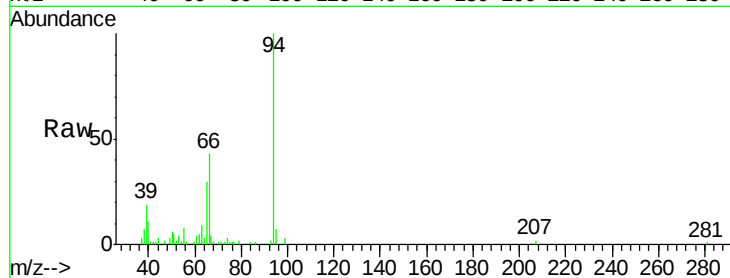
Tgt Ion: 94 Resp: 86038

Ion Ratio Lower Upper

94 100

65 29.9 23.9 35.9

66 42.5 33.5 50.3



#10

2-Chlorophenol

Concen: 14.82 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM007193.D

Acq: 17 Aug 2016 23:33

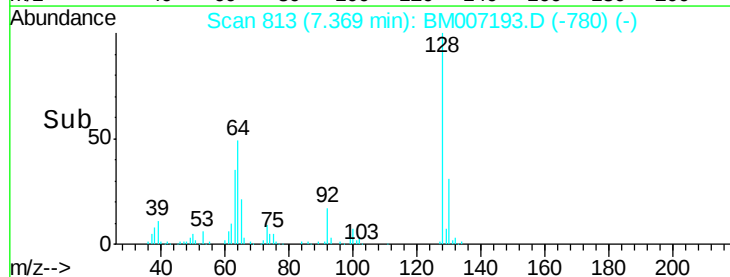
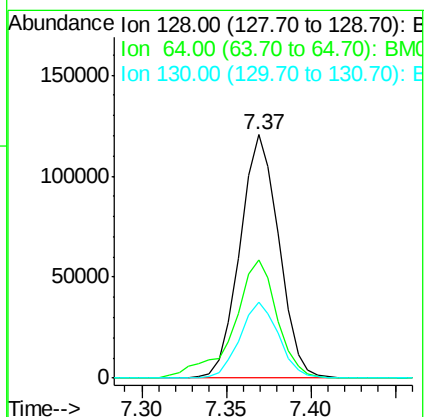
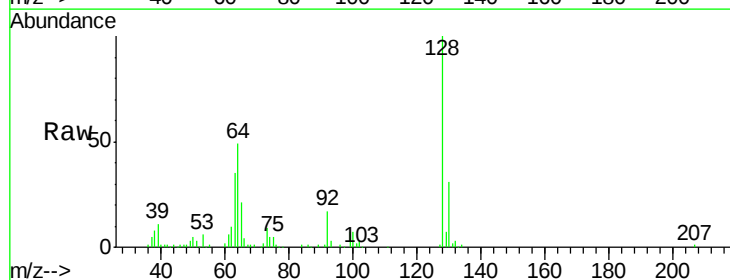
Tgt Ion: 128 Resp: 193777

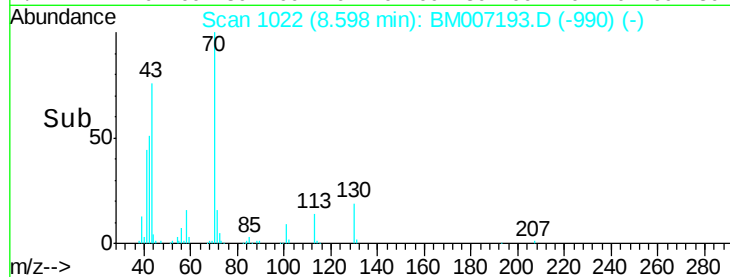
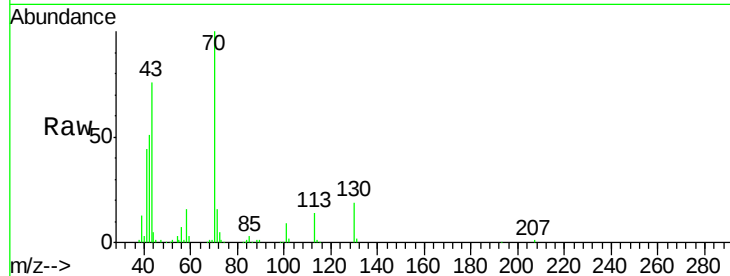
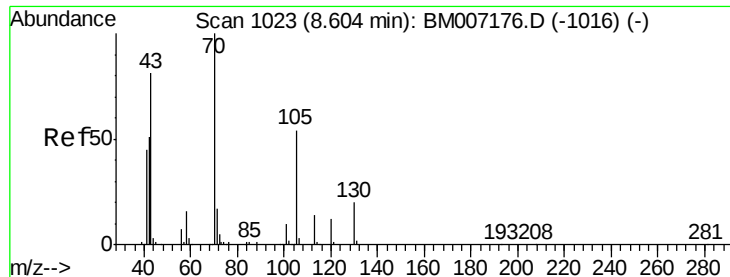
Ion Ratio Lower Upper

128 100

64 48.6 37.5 56.3

130 31.0 25.0 37.4

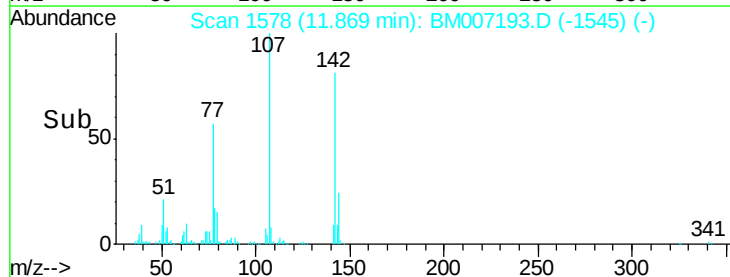
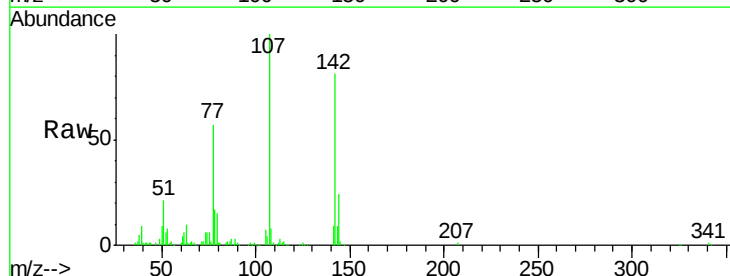
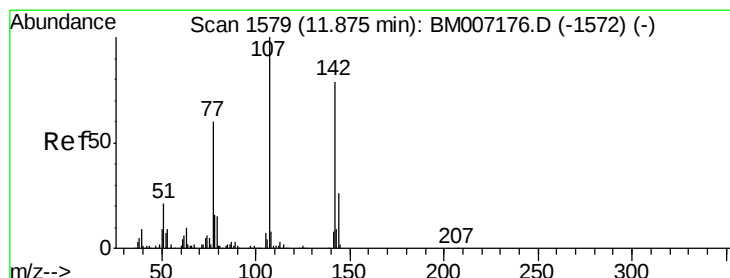
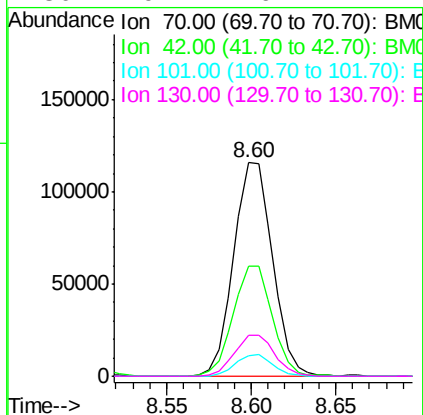




#15
N-Nitroso-di-n-propylamine
Concen: 17.60 ng/ul
RT: 8.60 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM007193.D
Acq: 17 Aug 2016 23:33

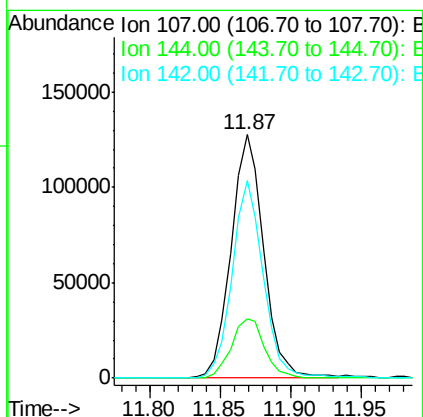
Instrument :
BNA_M
ClientSampleId :

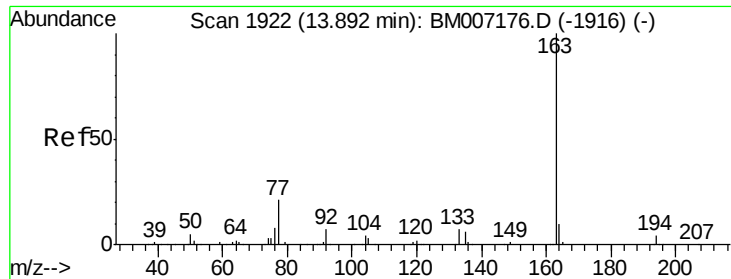
Tgt Ion:	70	Resp:	186220
Ion	Ratio	Lower	Upper
70	100		
42	51.4	43.4	65.2
101	9.5	7.8	11.6
130	19.4	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 14.59 ng/ul
RT: 11.87 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM007193.D
Acq: 17 Aug 2016 23:33

Tgt Ion:	107	Resp:	205517
Ion	Ratio	Lower	Upper
107	100		
144	24.3	21.1	31.7
142	81.0	64.1	96.1

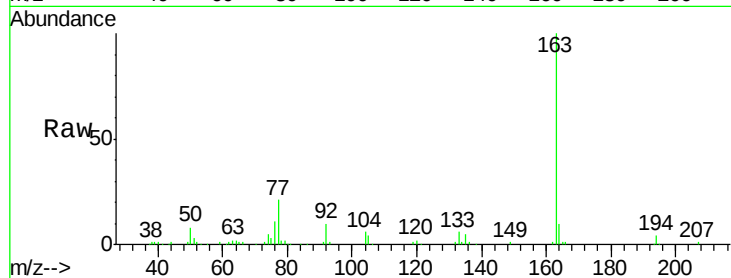




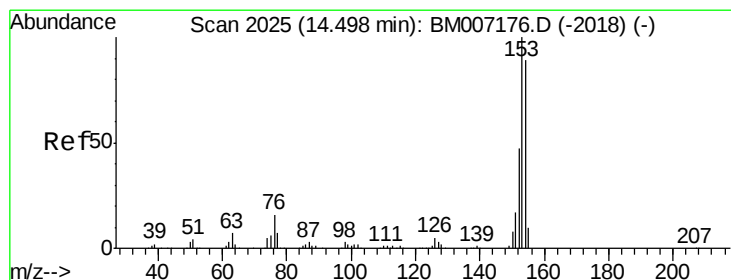
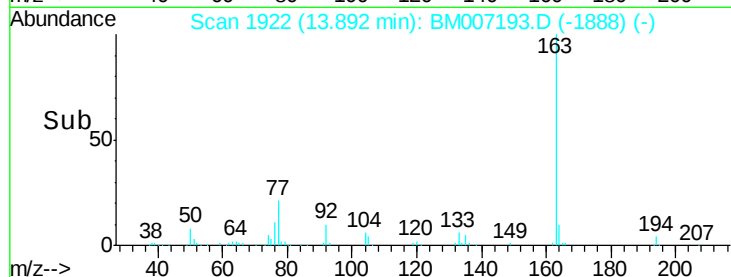
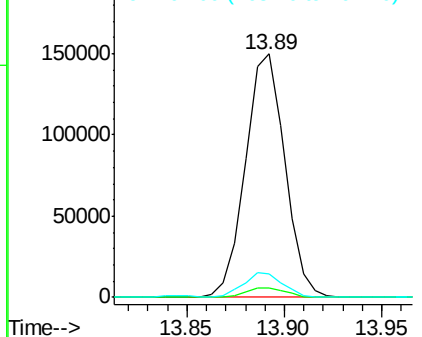
#44
Dimethylphthalate
Concen: 5.58 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM007193.D
Acq: 17 Aug 2016 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion	Resp	Lower	Upper
163	210487		
194	3.9	3.4	5.2
164	9.6	7.8	11.8

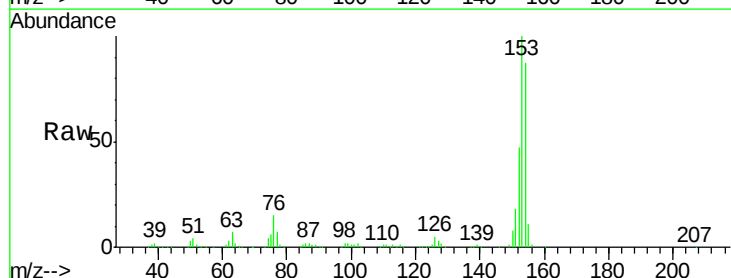


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

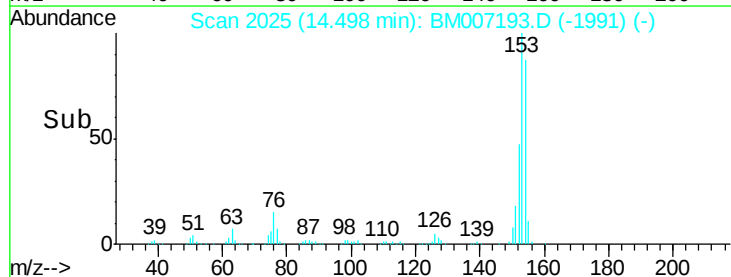
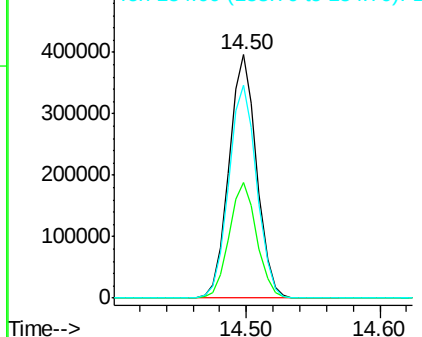


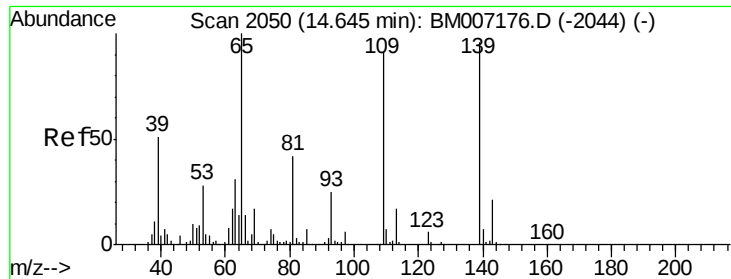
#49
Acenaphthene
Concen: 18.91 ng/ul
RT: 14.50 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM007193.D
Acq: 17 Aug 2016 23:33

Tgt Ion	Resp	Lower	Upper
153	572707		
152	47.4	37.8	56.6
154	87.2	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: 2.75 ng/ul

RT: 14.65 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM007193.D

Acq: 17 Aug 2016 23:33

Instrument :

BNA_M

ClientSampleId :

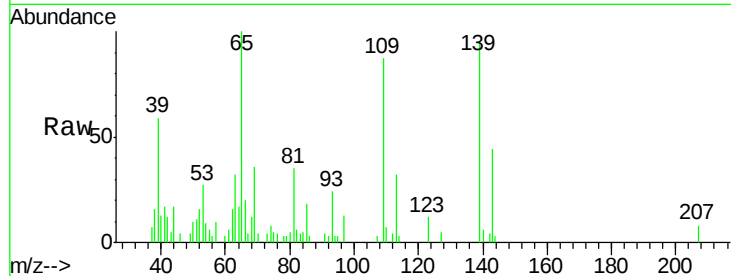
Tgt Ion:109 Resp: 18914

Ion Ratio Lower Upper

109 100

139 109.4 88.7 133.1

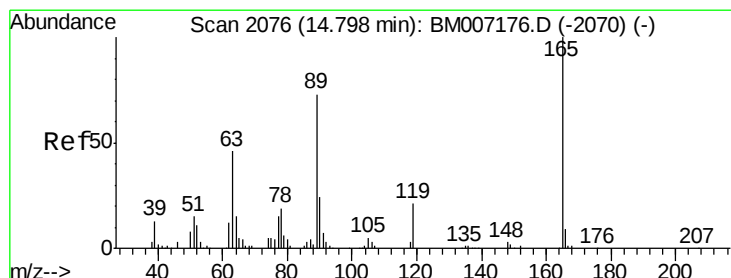
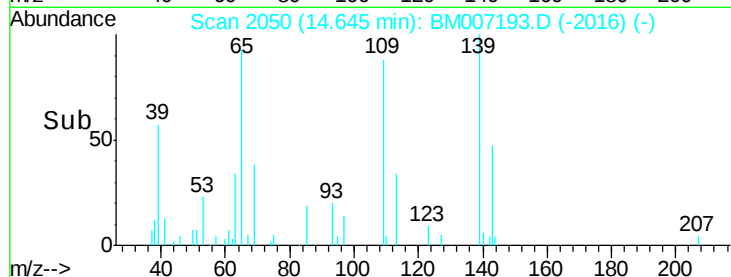
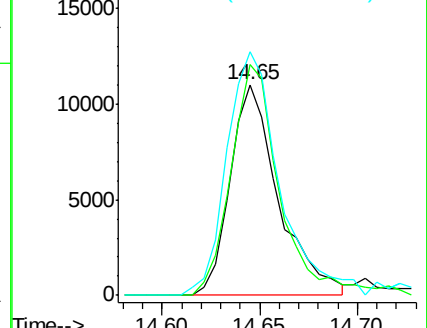
65 115.4 96.4 144.6



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: 17.06 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM007193.D

Acq: 17 Aug 2016 23:33

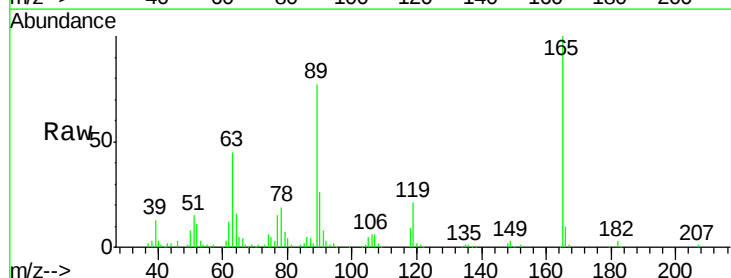
Tgt Ion:165 Resp: 184551

Ion Ratio Lower Upper

165 100

63 44.7 36.2 54.2

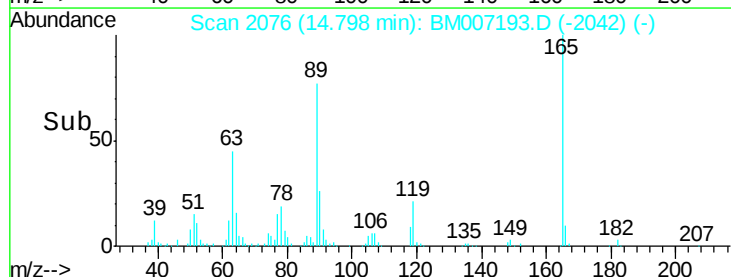
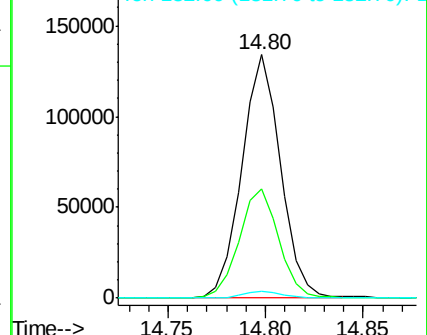
182 3.0 2.2 3.4

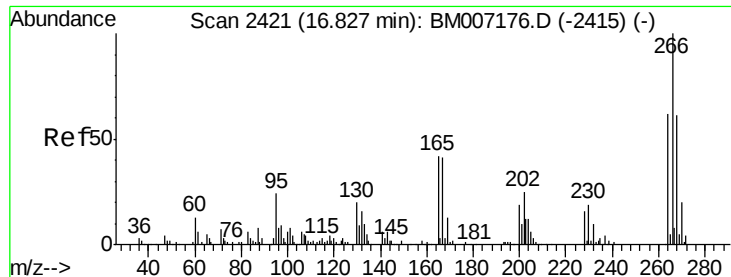


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

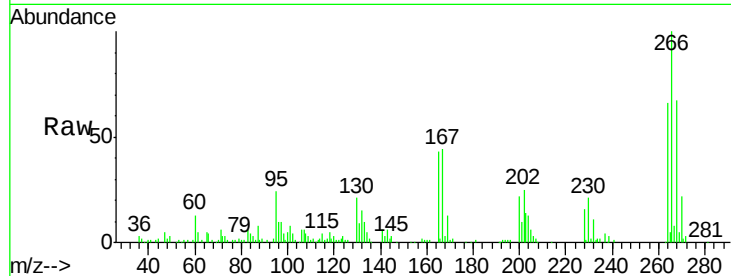




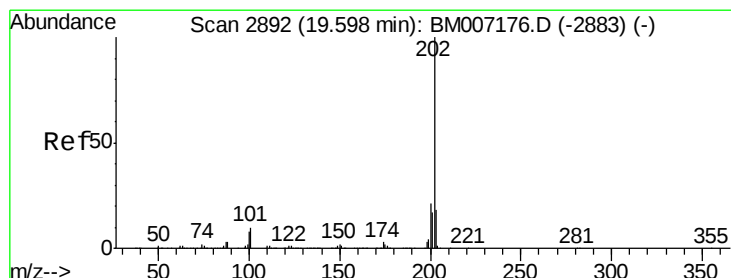
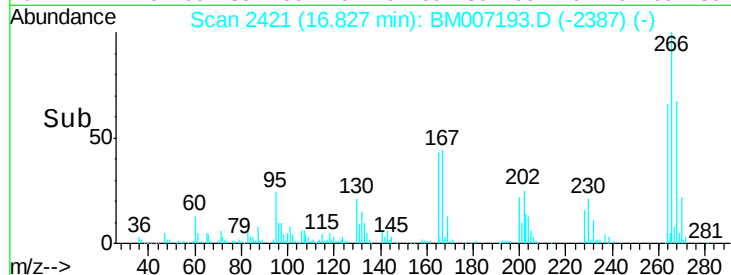
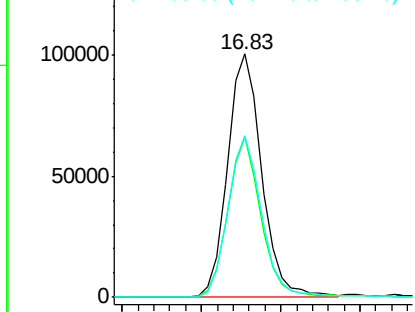
#68
 Pentachlorophenol
 Concen: 17.74 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007193.D
 Acq: 17 Aug 2016 23:33

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 BNA_M
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Tgt Ion:266 Resp: 149906
 Ion Ratio Lower Upper
 266 100
 264 65.6 50.6 75.8
 268 66.5 51.0 76.6

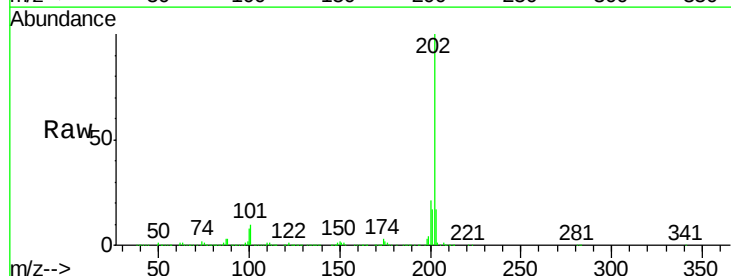


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 19.17 ng/ul
 RT: 19.60 min Scan# 2892
 Delta R.T. 0.00 min
 Lab File: BM007193.D
 Acq: 17 Aug 2016 23:33

Tgt Ion:202 Resp: 1538954
 Ion Ratio Lower Upper
 202 100
 101 9.6 8.4 12.6
 100 7.8 6.9 10.3



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

