

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061118\
 Data File : BM015604.D
 Acq On : 11 Jun 2018 14:59
 Operator : SJ/JU
 Sample : J3375-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 12 01:12:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 12 01:03:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	81396	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	366552	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	256673	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.68	188	624454	20.00	ng/ul	0.00
77) Chrysene-d12	21.79	240	716982	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	779825	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	10852	6.48	ng/uL	0.00
5) Phenol-d5	7.49	99	55829	7.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	172706	38.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.86	132	178508	31.59	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	115557	18.15	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	115476	46.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	123474	46.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	205006	37.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	244	0.04	ng/ul	-0.13
43) Dimethylphthalate-d6	14.36	166	951446	44.77	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	1041914	45.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	27229	6.64	ng/ul	0.00
57) Fluorene-d10	15.94	176	807785	44.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	139185	37.00	ng/ul	0.00
70) Anthracene-d10	17.78	188	1307938	45.94	ng/ul	0.00
78) Pyrene-d10	20.03	212	1499553	48.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.04	264	1803891	46.15	ng/ul	0.00

Target Compounds

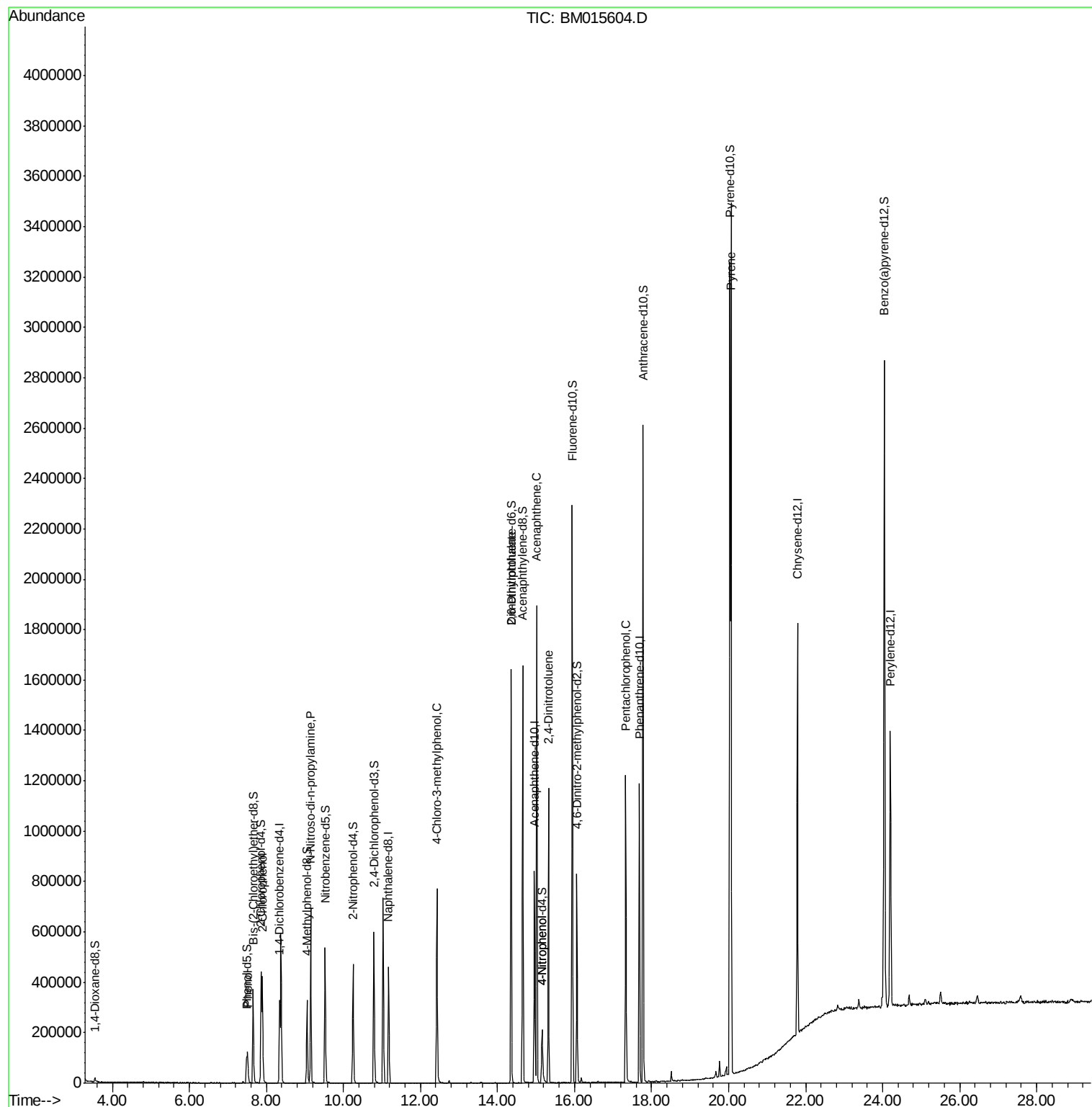
					Ovalue	
6) Phenol	7.51	94	60015	7.818	ng/ul#	87
10) 2-Chlorophenol	7.90	128	176694	30.348	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.15	70	216660	41.112	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.43	107	240101	36.792	ng/ul	100
45) 2,6-Dinitrotoluene	14.36	165	4489	1.115	ng/ul#	38
49) Acenaphthene	15.02	153	721804	40.879	ng/ul	99
52) 4-Nitrophenol	15.16	109	31248	8.588	ng/ul	84
54) 2,4-Dinitrotoluene	15.32	165	277145	44.350	ng/ul#	74
68) Pentachlorophenol	17.33	266	181879	42.618	ng/ul	98
79) Pyrene	20.06	202	1912178	47.541	ng/ul	98

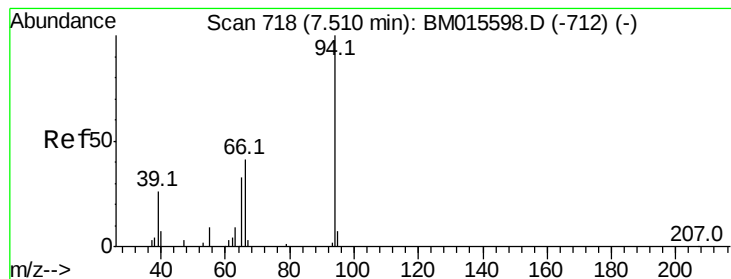
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 7.818 ng/ul

RT: 7.51 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM015604.D

Acq: 11 Jun 2018 14:59

Instrument :

BNA_M

ClientSampleId :

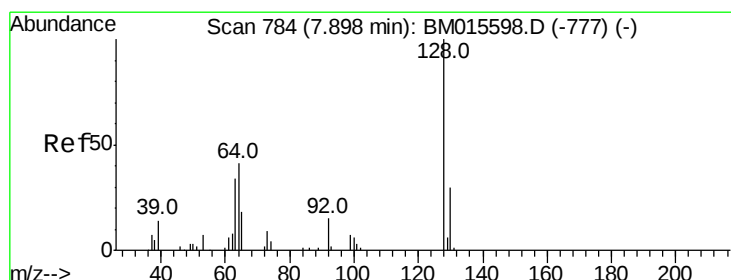
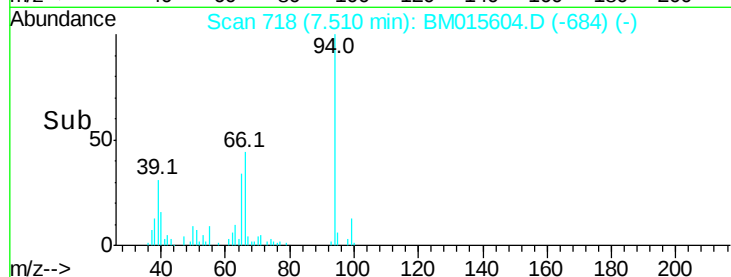
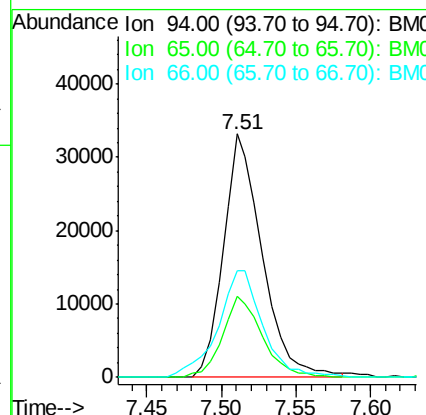
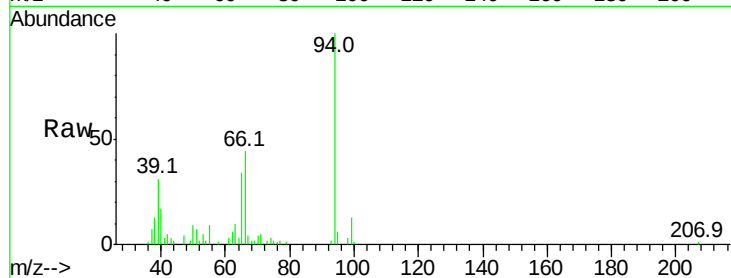
Tot Ion: 94 Resp: 60015

Ion Ratio Lower Upper

94 100

65 33.5 21.0 31.6#

66 43.7 29.3 43.9



#10

2-Chlorophenol

Concen: 30.348 ng/ul

RT: 7.90 min Scan# 784

Delta R.T. 0.00 min

Lab File: BM015604.D

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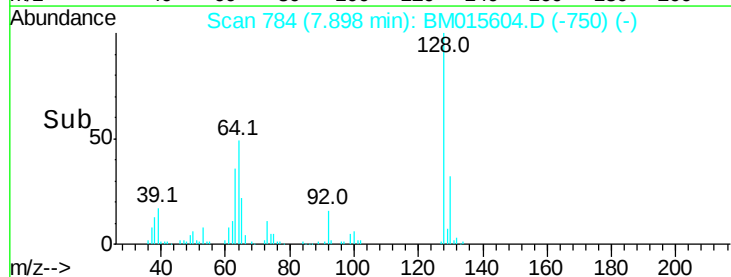
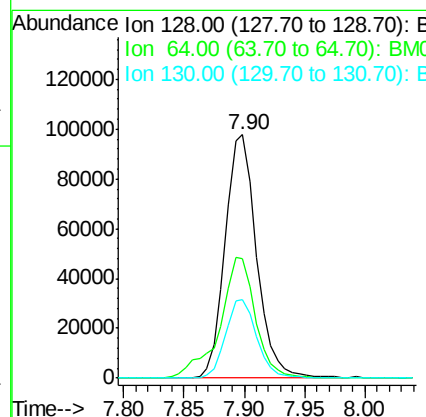
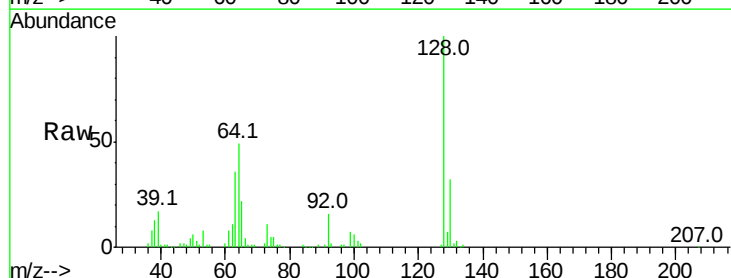
Tgt Ion:128 Resp: 176694

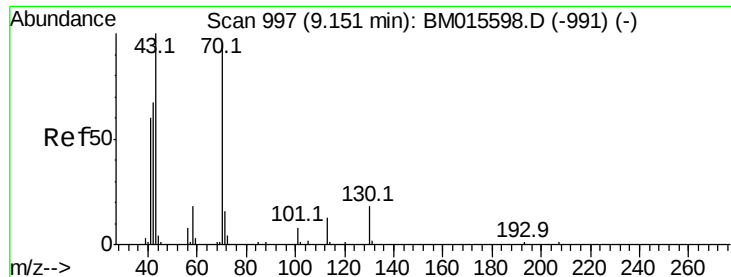
Ion Ratio Lower Upper

128 100

64 49.3 31.9 47.9#

130 32.3 25.6 38.4

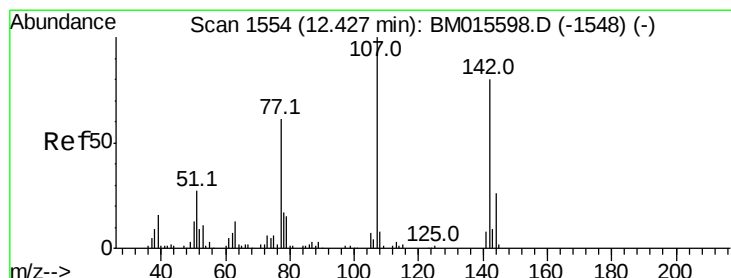
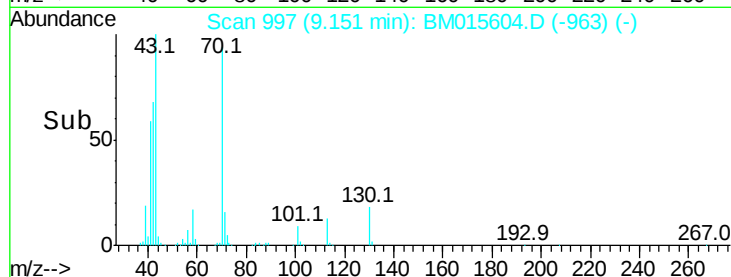
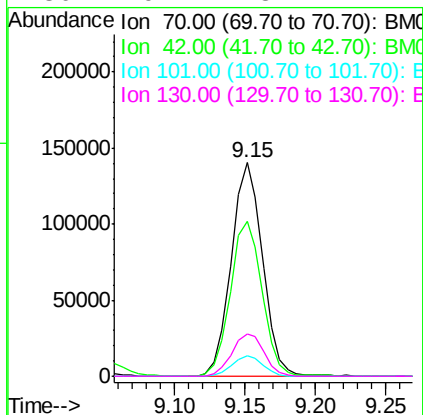
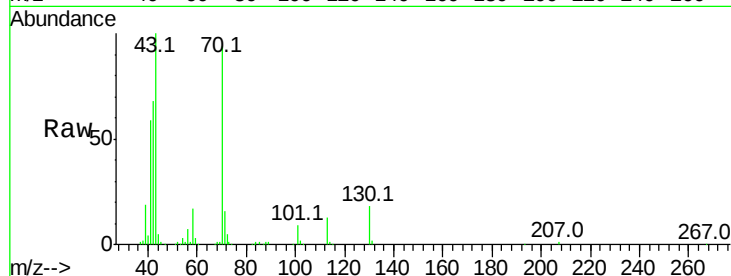




#15
N-Nitroso-di-n-propylamine
Concen: 41.112 ng/ul
RT: 9.15 min Scan# 997
Delta R.T. 0.00 min
Lab File: BM015604.D
Acq: 11 Jun 2018 14:59

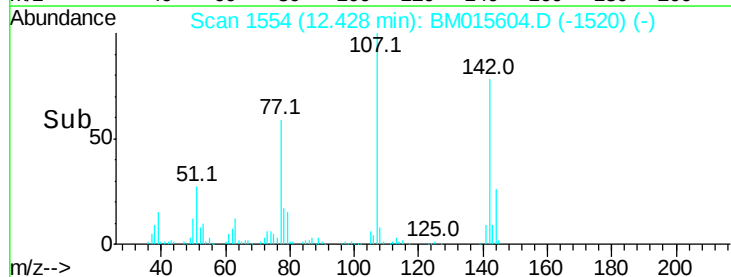
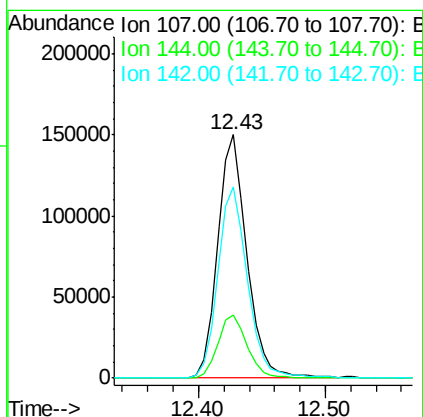
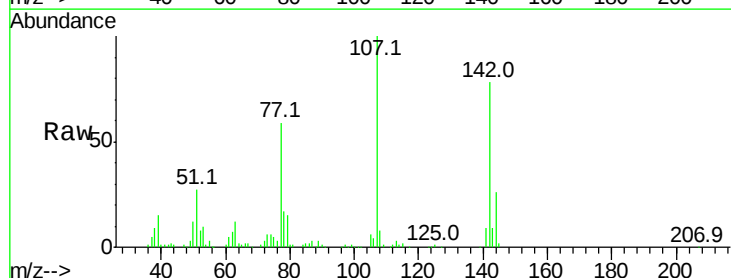
Instrument :
BNA_M
ClientSampleId :

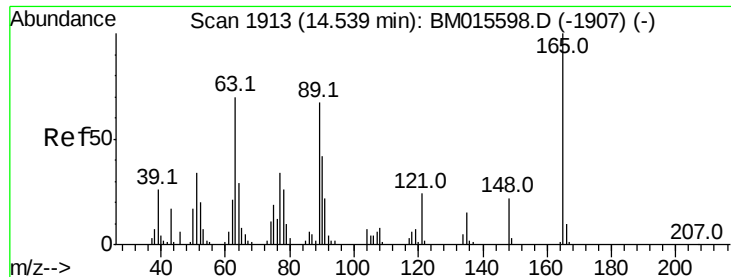
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.6	35.4	53.0#	
101	9.5	8.4	12.6	
130	19.7	18.2	27.4	



#33
4-Chloro-3-methylphenol
Concen: 36.792 ng/ul
RT: 12.43 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BM015604.D
Acq: 11 Jun 2018 14:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	20.4	30.6	
142	78.5	62.5	93.7	

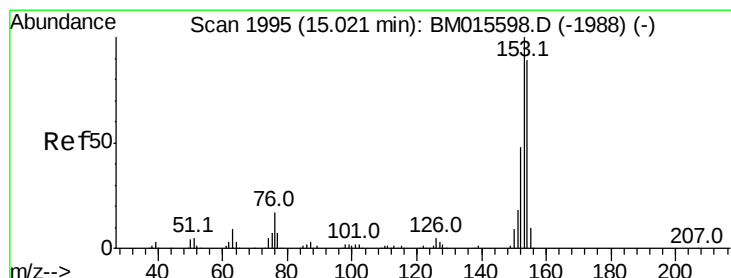
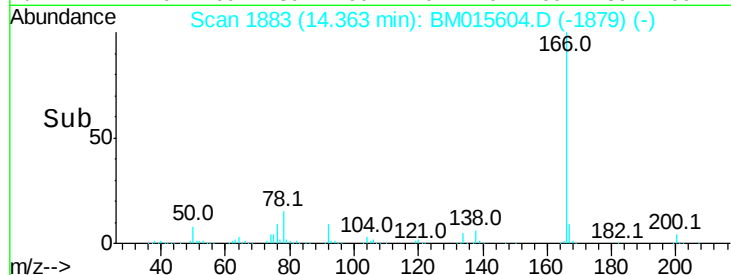
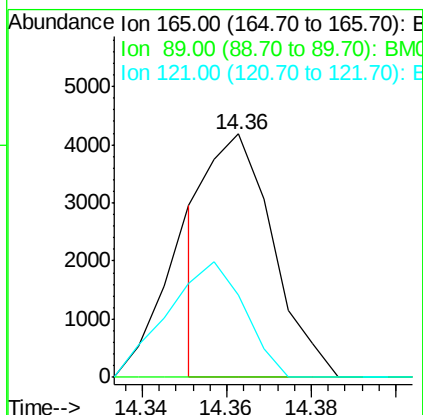
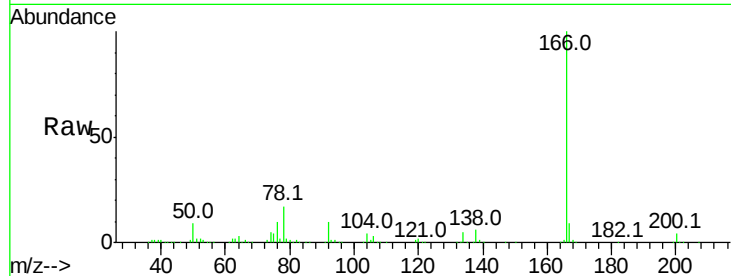




#45
2,6-Dinitrotoluene
Concen: 1.115 ng/ul
RT: 14.36 min Scan# 1883
Delta R.T. -0.18 min
Lab File: BM015604.D
Acq: 11 Jun 2018 14:59

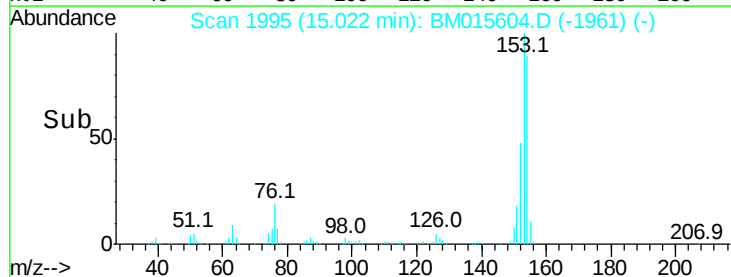
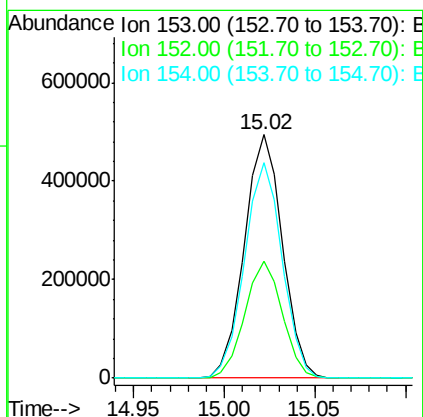
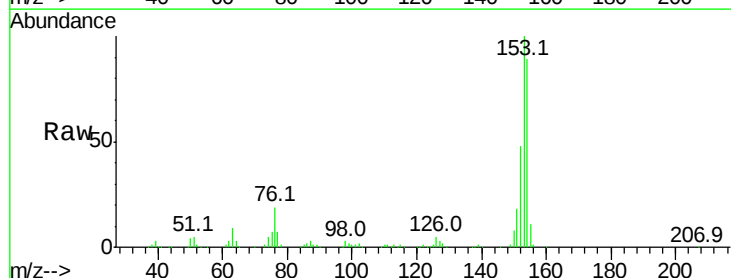
Instrument :
BNA_M
ClientSampleId :

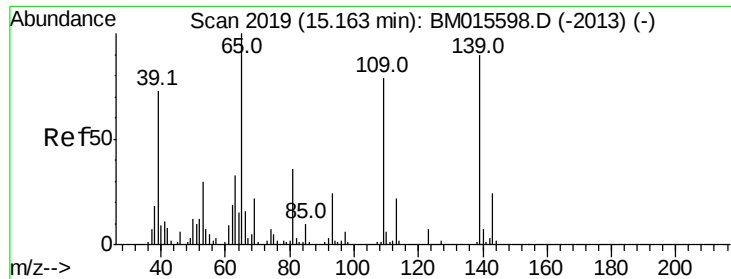
Tot Ion:165 Resp: 4489
Ion Ratio Lower Upper
165 100
89 0.0 42.4 63.6#
121 33.8 16.6 24.8#



#49
Acenaphthene
Concen: 40.879 ng/ul
RT: 15.02 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM015604.D
Acq: 11 Jun 2018 14:59

Tgt Ion:153 Resp: 721804
Ion Ratio Lower Upper
153 100
152 48.0 38.3 57.5
154 88.6 71.8 107.8

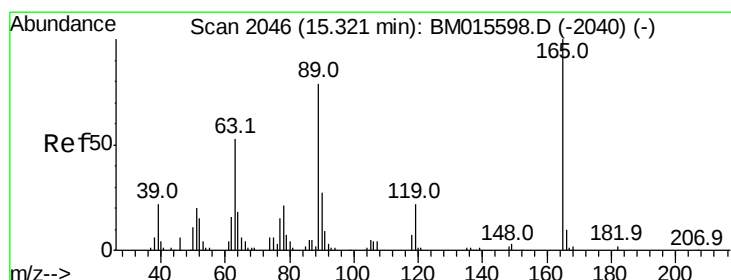
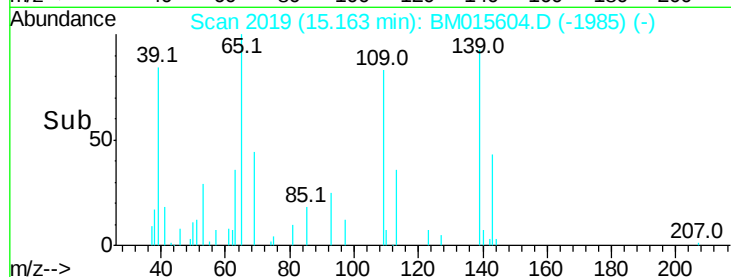
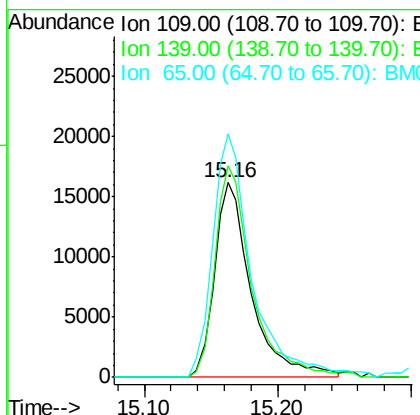
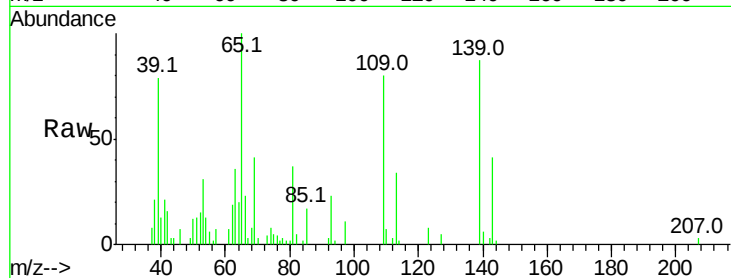




#52
4-Nitrophenol
Concen: 8.588 ng/ul
RT: 15.16 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BM015604.D
Acq: 11 Jun 2018 14:59

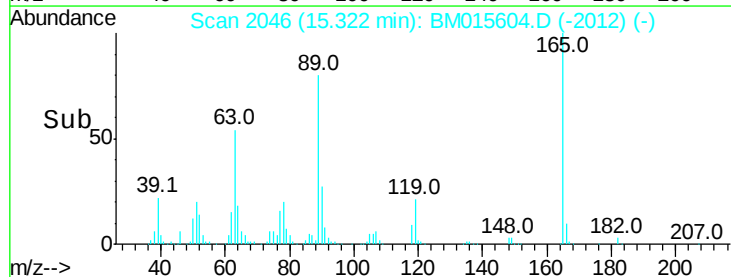
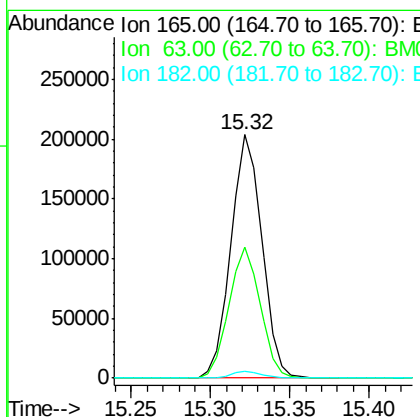
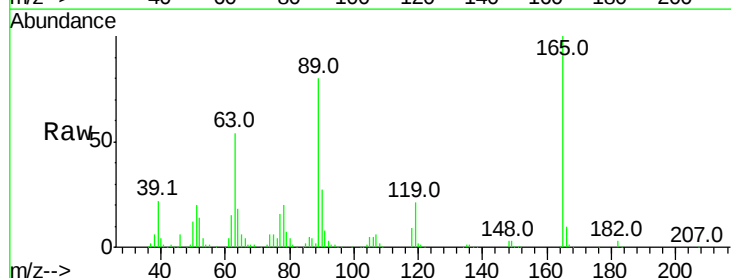
Instrument :
BNA_M
ClientSampleId :

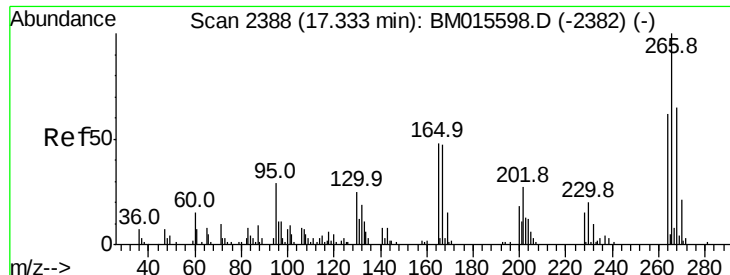
Tot Ion:109 Resp: 31248
Ion Ratio Lower Upper
109 100
139 108.3 103.7 155.5
65 124.9 89.4 134.2



#54
2,4-Dinitrotoluene
Concen: 44.350 ng/ul
RT: 15.32 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BM015604.D
Acq: 11 Jun 2018 14:59

Tgt Ion:165 Resp: 277145
Ion Ratio Lower Upper
165 100
63 53.9 29.8 44.6#
182 2.8 2.2 3.4

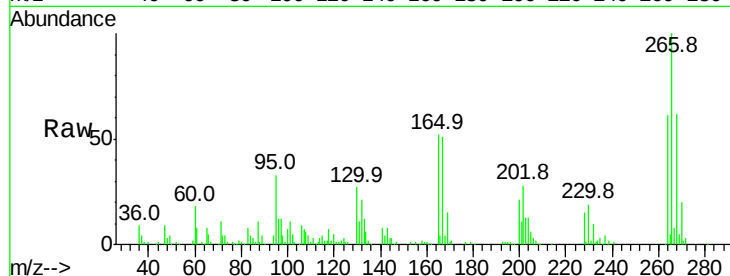




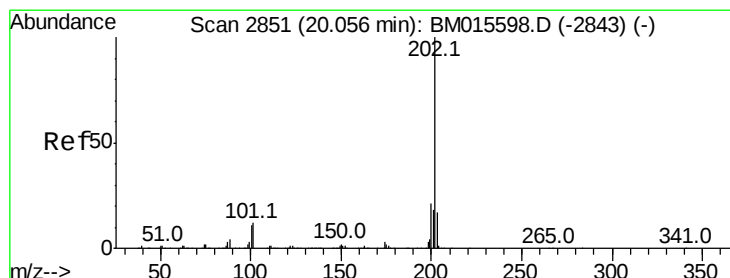
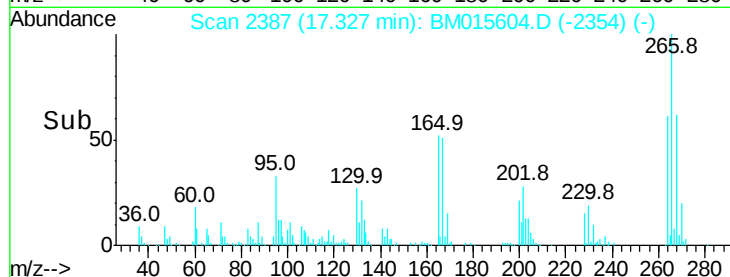
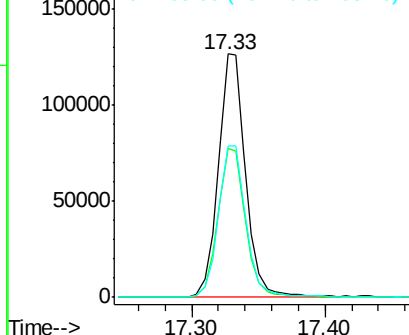
#68
 Pentachlorophenol
 Concen: 42.618 ng/ul
 RT: 17.33 min Scan# 2387
 Delta R.T. -0.01 min
 Lab File: BM015604.D
 Acq: 11 Jun 2018 14:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 181879
 Ion Ratio Lower Upper
 266 100
 264 61.4 50.5 75.7
 268 62.1 50.9 76.3

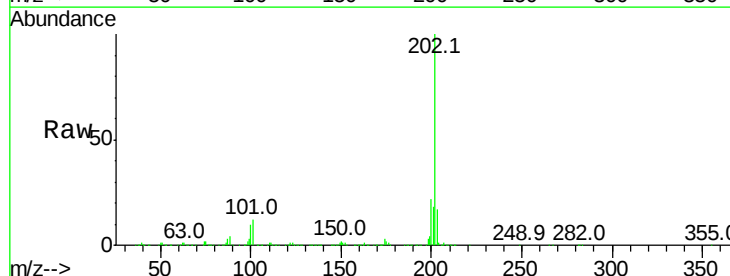


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 47.541 ng/ul
 RT: 20.06 min Scan# 2852
 Delta R.T. 0.01 min
 Lab File: BM015604.D
 Acq: 11 Jun 2018 14:59

Tgt Ion:202 Resp: 1912178
 Ion Ratio Lower Upper
 202 100
 101 11.8 10.2 15.2
 100 10.1 8.5 12.7



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

