

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071718\
 Data File : BM015976.D
 Acq On : 17 Jul 2018 19:44
 Operator : SJ/JU
 Sample : J3967-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 01:02:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 18 01:01:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	48491	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	257307	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	157416	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	364652	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	446804	20.00	ng/ul	0.00
85) Perylene-d12	24.12	264	492593	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	5802	5.27	ng/uL	0.00
5) Phenol-d5	7.42	99	26402	5.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	80270	28.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	88841	24.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	58344	15.37	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	54207	29.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	63383	30.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	114270	28.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	5190	1.05	ng/ul	0.04
43) Dimethylphthalate-d6	14.29	166	440872	30.73	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	496149	30.32	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	11696	4.70	ng/ul	0.00
57) Fluorene-d10	15.87	176	364275	29.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	59540	24.46	ng/ul	0.00
70) Anthracene-d10	17.71	188	577299	30.92	ng/ul	0.00
78) Pyrene-d10	19.97	212	684168	33.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.96	264	875230	32.31	ng/ul	0.00

Target Compounds

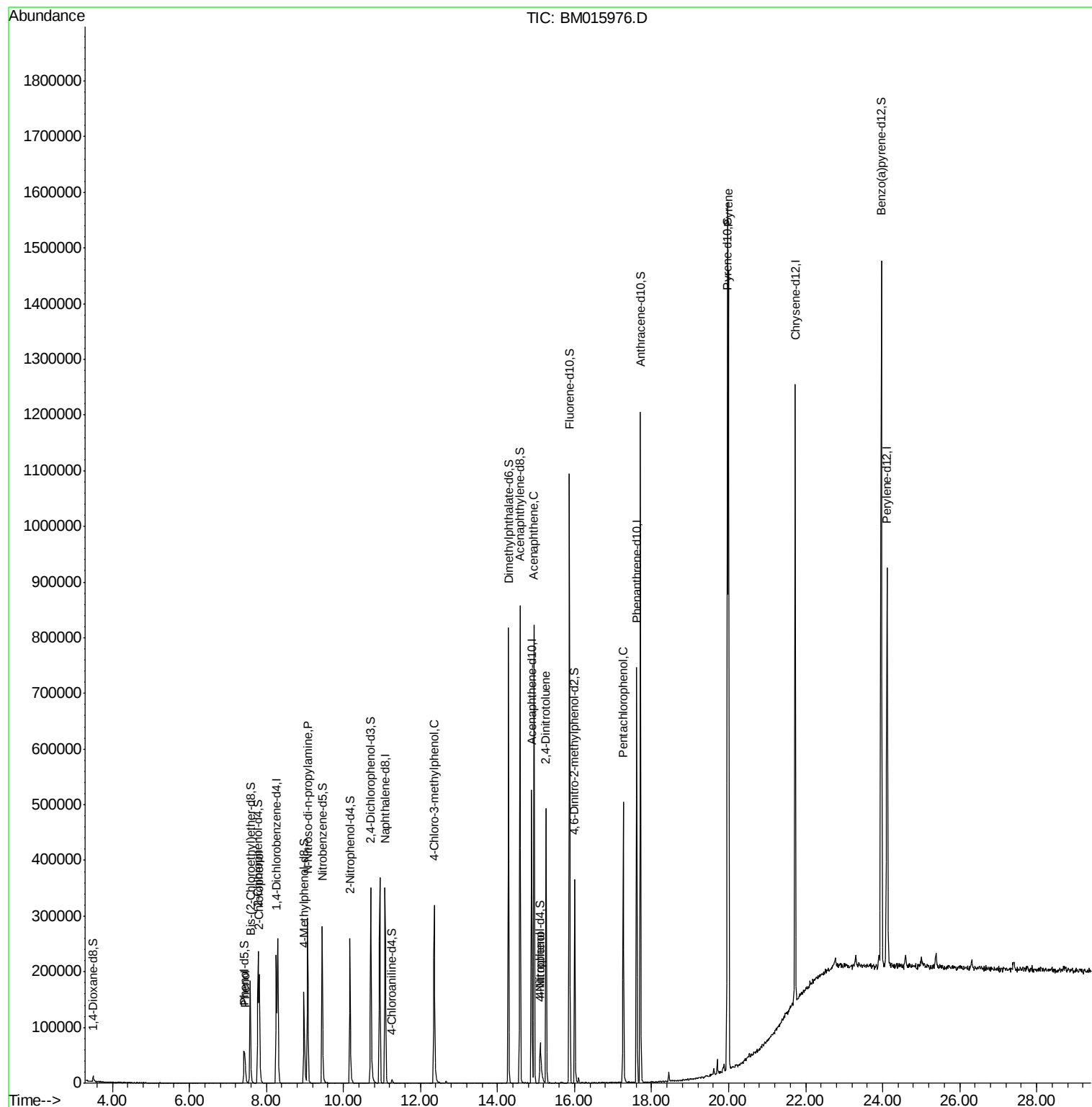
					Ovalue	
6) Phenol	7.45	94	24465	5.498	ng/ul#	71
10) 2-Chlorophenol	7.82	128	72470	20.279	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.07	70	86355	27.377	ng/ul#	66
33) 4-Chloro-3-methylphenol	12.36	107	104662	22.379	ng/ul	98
49) Acenaphthene	14.95	153	290969	24.996	ng/ul	96
52) 4-Nitrophenol	15.12	109	13850	4.673	ng/ul#	73
54) 2,4-Dinitrotoluene	15.26	165	104360	25.609	ng/ul#	53
68) Pentachlorophenol	17.26	266	63478	26.911	ng/ul	98
79) Pvrene	20.00	202	747382	28.375	ng/ul#	94

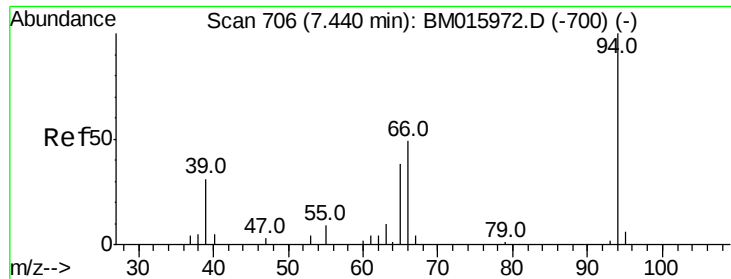
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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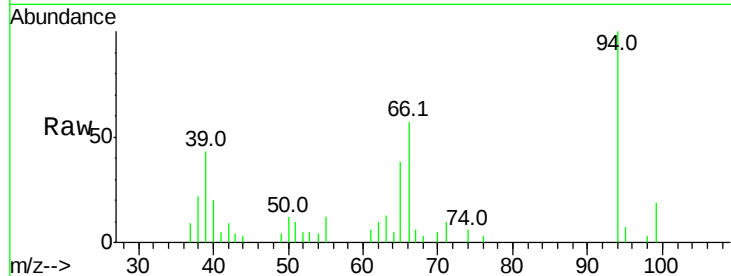
#6

Phenol

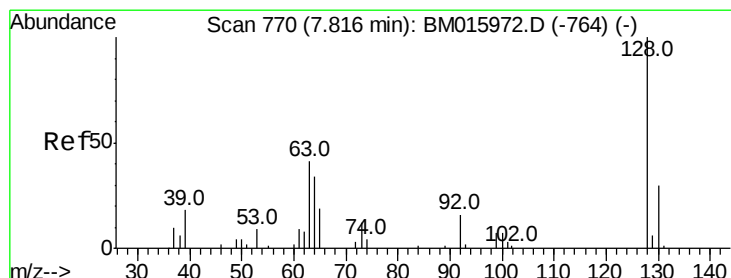
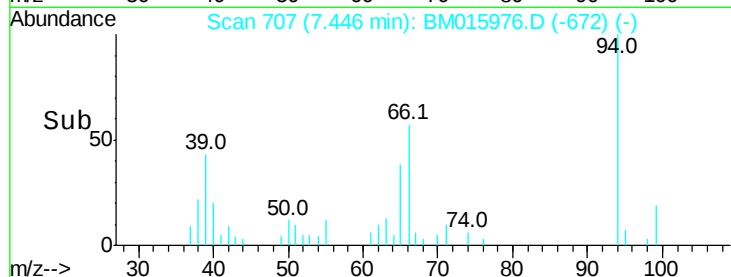
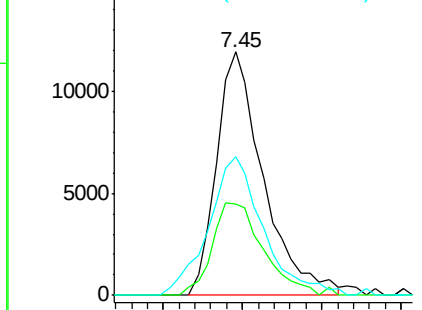
Concen: 5.498 ng/ul
 RT: 7.45 min Scan# 707
 Delta R.T. 0.01 min
 Lab File: BM015976.D
 Acq: 17 Jul 2018 19:44

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 24465
 Ion Ratio Lower Upper
 94 100
 65 37.6 21.0 31.6#
 66 57.1 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM015972.D (-700) (-)
 Ion 65.00 (64.70 to 65.70): BM015972.D (-700) (-)
 Ion 66.00 (65.70 to 66.70): BM015972.D (-700) (-)

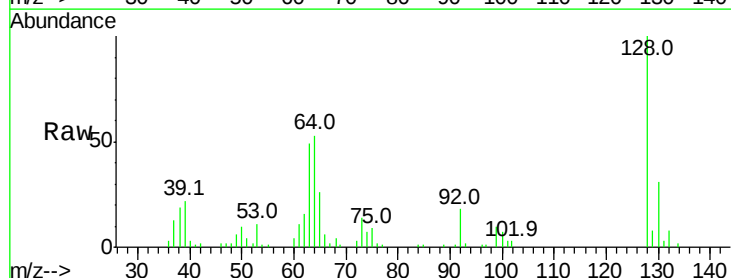


#10

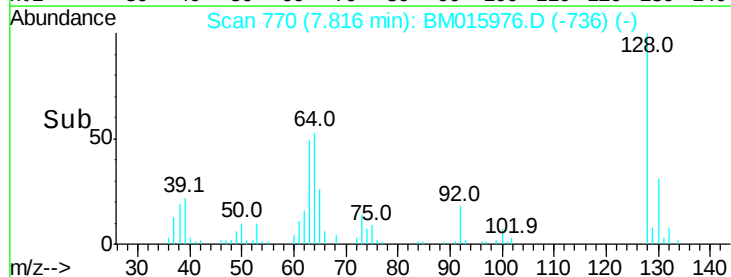
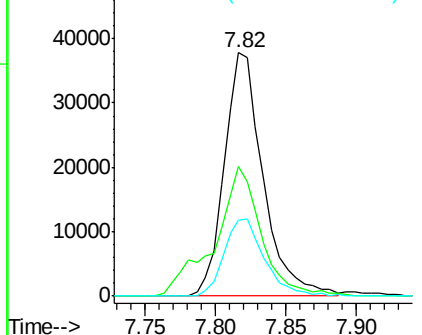
2-Chlorophenol

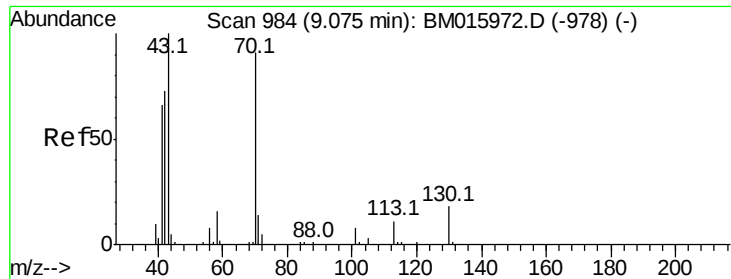
Concen: 20.279 ng/ul
 RT: 7.82 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BM015976.D
 Acq: 17 Jul 2018 19:44

Tgt Ion:128 Resp: 72470
 Ion Ratio Lower Upper
 128 100
 64 53.3 31.9 47.9#
 130 31.1 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): BM015972.D (-764) (-)
 Ion 64.00 (63.70 to 64.70): BM015972.D (-764) (-)
 Ion 130.00 (129.70 to 130.70): BM015972.D (-764) (-)

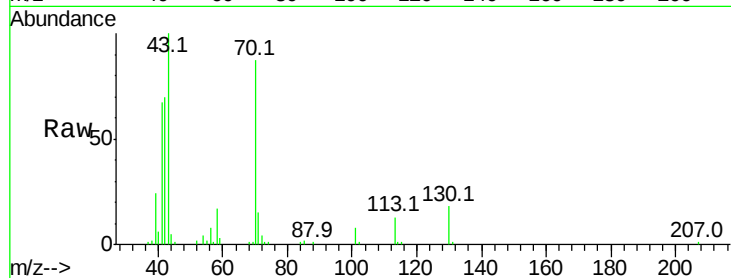




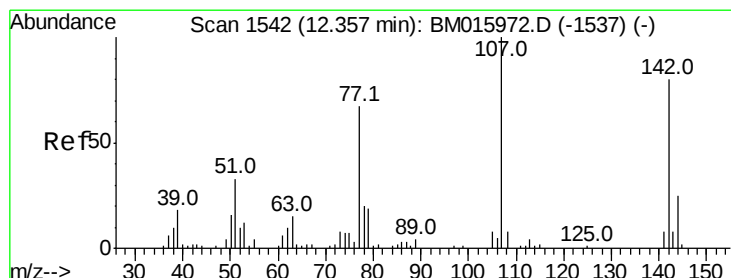
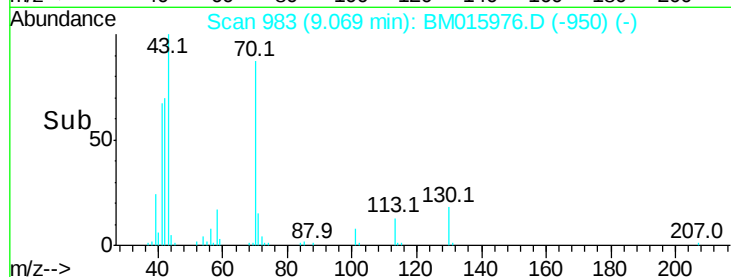
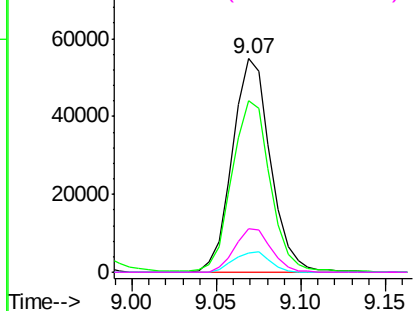
#15
N-Nitroso-di-n-propylamine
Concen: 27.377 ng/ul
RT: 9.07 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM015976.D
Acq: 17 Jul 2018 19:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 70 Resp: 86355
Ion Ratio Lower Upper
70 100
42 80.5 35.4 53.0#
101 9.1 8.4 12.6
130 20.6 18.2 27.4

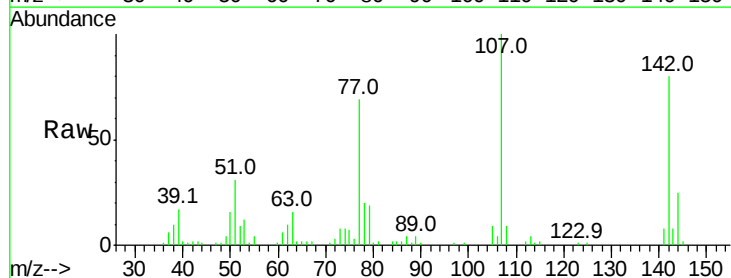


Abundance Ion 70.00 (69.70 to 70.70): BM015976.D (-978) (-)
Ion 42.00 (41.70 to 42.70): BM015976.D (-978) (-)
Ion 101.00 (100.70 to 101.70): BM015976.D (-978) (-)
Ion 130.00 (129.70 to 130.70): BM015976.D (-978) (-)

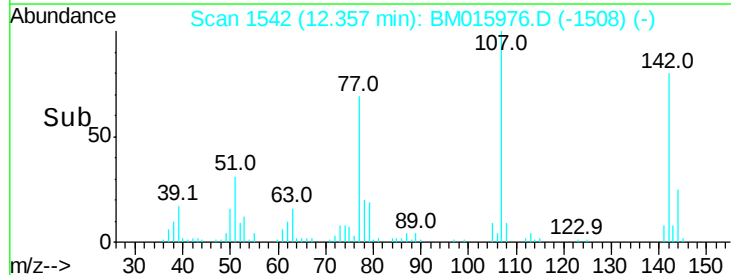
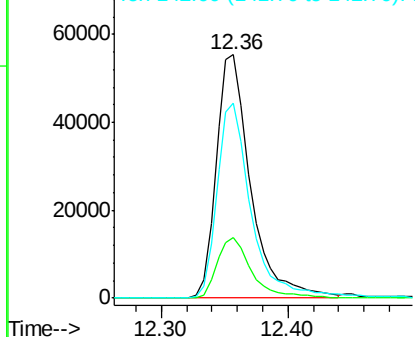


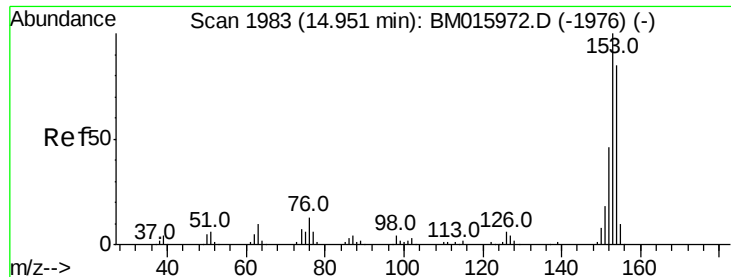
#33
4-Chloro-3-methylphenol
Concen: 22.379 ng/ul
RT: 12.36 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BM015976.D
Acq: 17 Jul 2018 19:44

Tgt Ion: 107 Resp: 104662
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 79.8 62.5 93.7



Abundance Ion 107.00 (106.70 to 107.70): BM015976.D (-1537) (-)
Ion 144.00 (143.70 to 144.70): BM015976.D (-1537) (-)
Ion 142.00 (141.70 to 142.70): BM015976.D (-1537) (-)





#49

Acenaphthene

Concen: 24.996 ng/ul

RT: 14.95 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM015976.D

Acq: 17 Jul 2018 19:44

Instrument :

BNA_M

ClientSampleId :

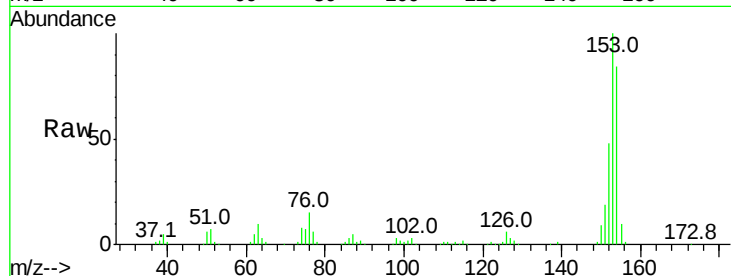
Tot Ion:153 Resp: 290969

Ion Ratio Lower Upper

153 100

152 48.2 38.3 57.5

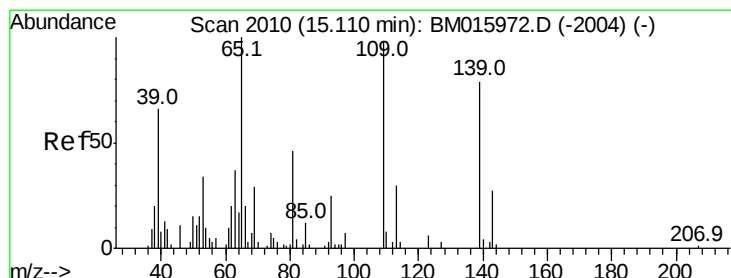
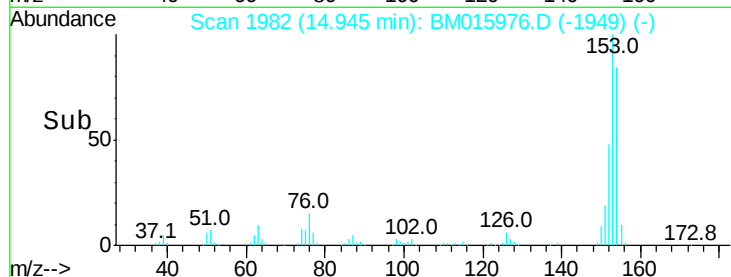
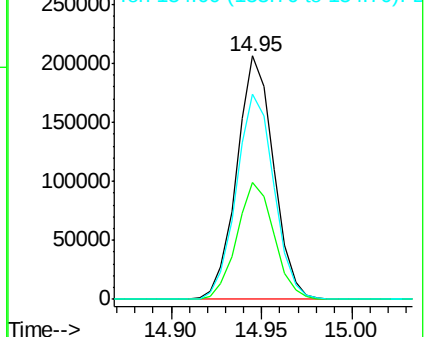
154 84.4 71.8 107.8



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: 4.673 ng/ul

RT: 15.12 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BM015976.D

Acq: 17 Jul 2018 19:44

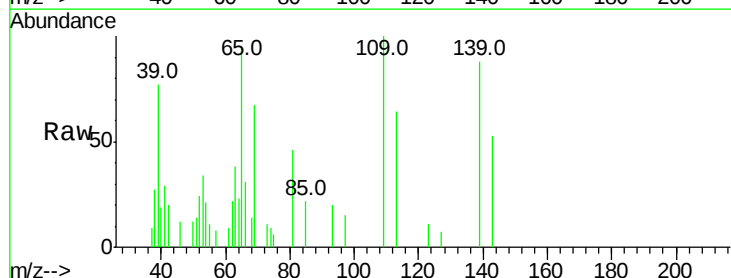
Tgt Ion:109 Resp: 13850

Ion Ratio Lower Upper

109 100

139 87.8 103.7 155.5#

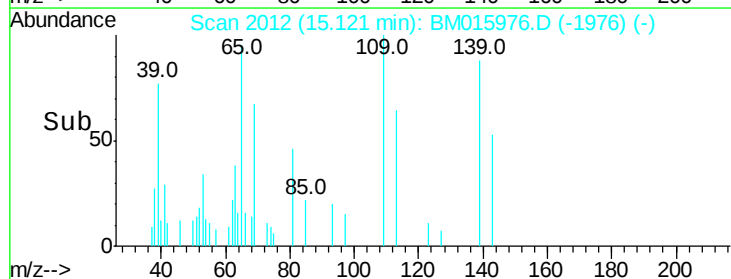
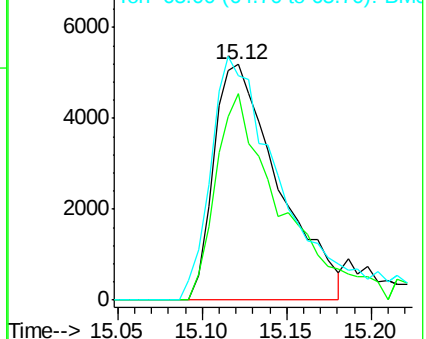
65 95.2 89.4 134.2

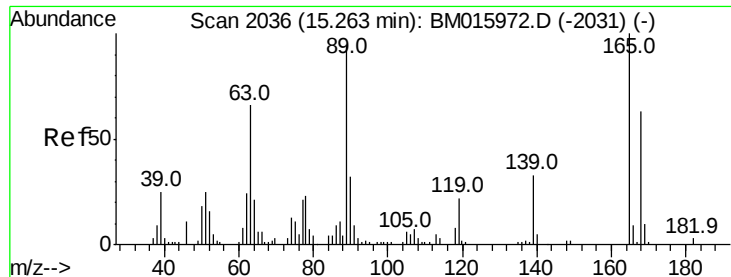


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#54

2,4-Dinitrotoluene

Concen: 25.609 ng/ul

RT: 15.26 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BM015976.D

Acq: 17 Jul 2018 19:44

Instrument :

BNA_M

ClientSampled :

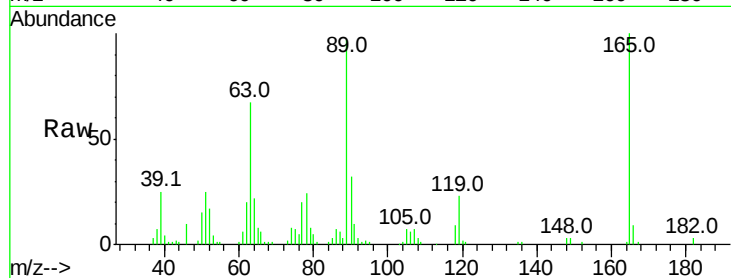
Tot Ion:165 Resp: 104360

Ion Ratio Lower Upper

165 100

63 67.4 29.8 44.6#

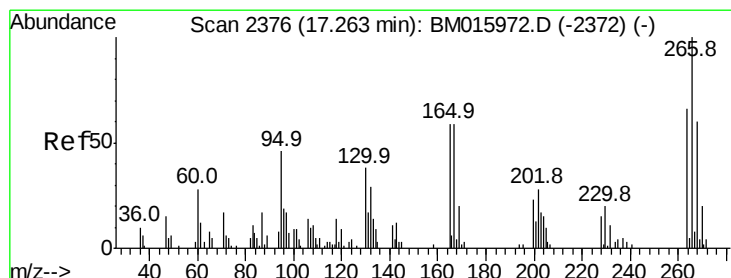
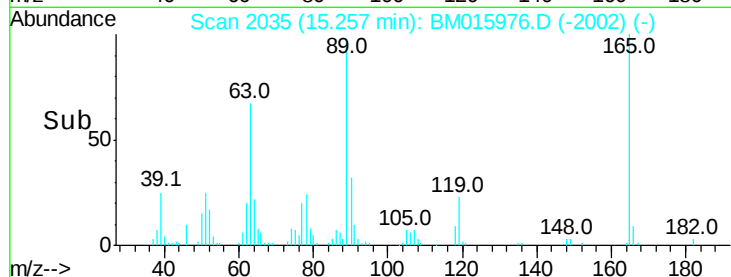
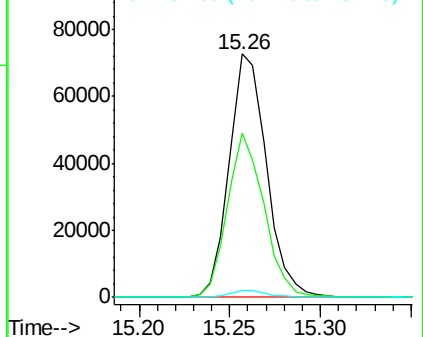
182 2.7 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 26.911 ng/ul

RT: 17.26 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM015976.D

Acq: 17 Jul 2018 19:44

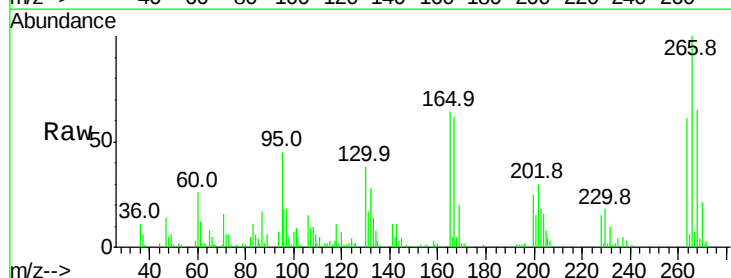
Tgt Ion:266 Resp: 63478

Ion Ratio Lower Upper

266 100

264 60.9 50.5 75.7

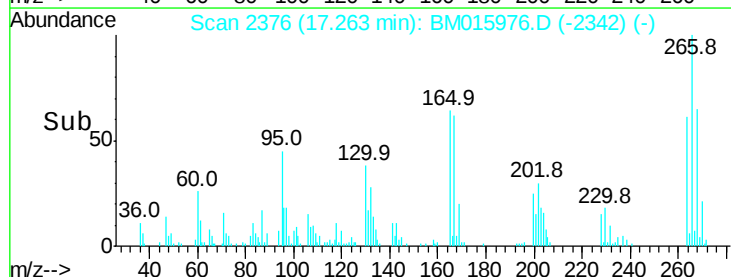
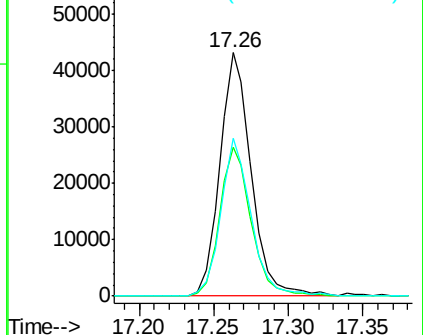
268 64.7 50.9 76.3

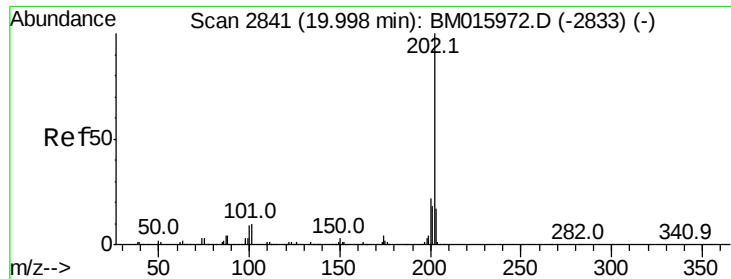


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

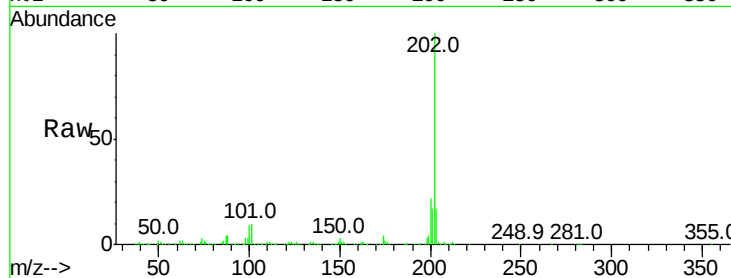




#79
 Pvrene
 Concen: 28.375 ng/ul
 RT: 20.00 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: BM015976.D
 Acq: 17 Jul 2018 19:44

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	10.2	15.2#
100	8.5	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

