

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100518\
 Data File : BM017034.D
 Acq On : 05 Oct 2018 13:05
 Operator : MJ/SJ
 Sample : J5251-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 14:36:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 05:34:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	279848	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1204834	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	604932	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1236233	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1247121	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1252442	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	27021	4.80	ng/uL	0.00
5) Phenol-d5	6.87	99	849462	36.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	513897	36.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	722131	37.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	709508	38.71	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	358219	40.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	376649	42.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	719936	39.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	896412	40.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	2005357	41.78	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2600528	42.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	256730	28.31	ng/ul	0.00
58) Fluorene-d10	15.33	176	1705274	39.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	181447	24.89	ng/ul	0.00
71) Anthracene-d10	17.19	188	2481635	42.03	ng/ul	0.00
79) Pyrene-d10	19.49	212	2616000	46.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	2788512	43.49	ng/ul	0.00

Target Compounds

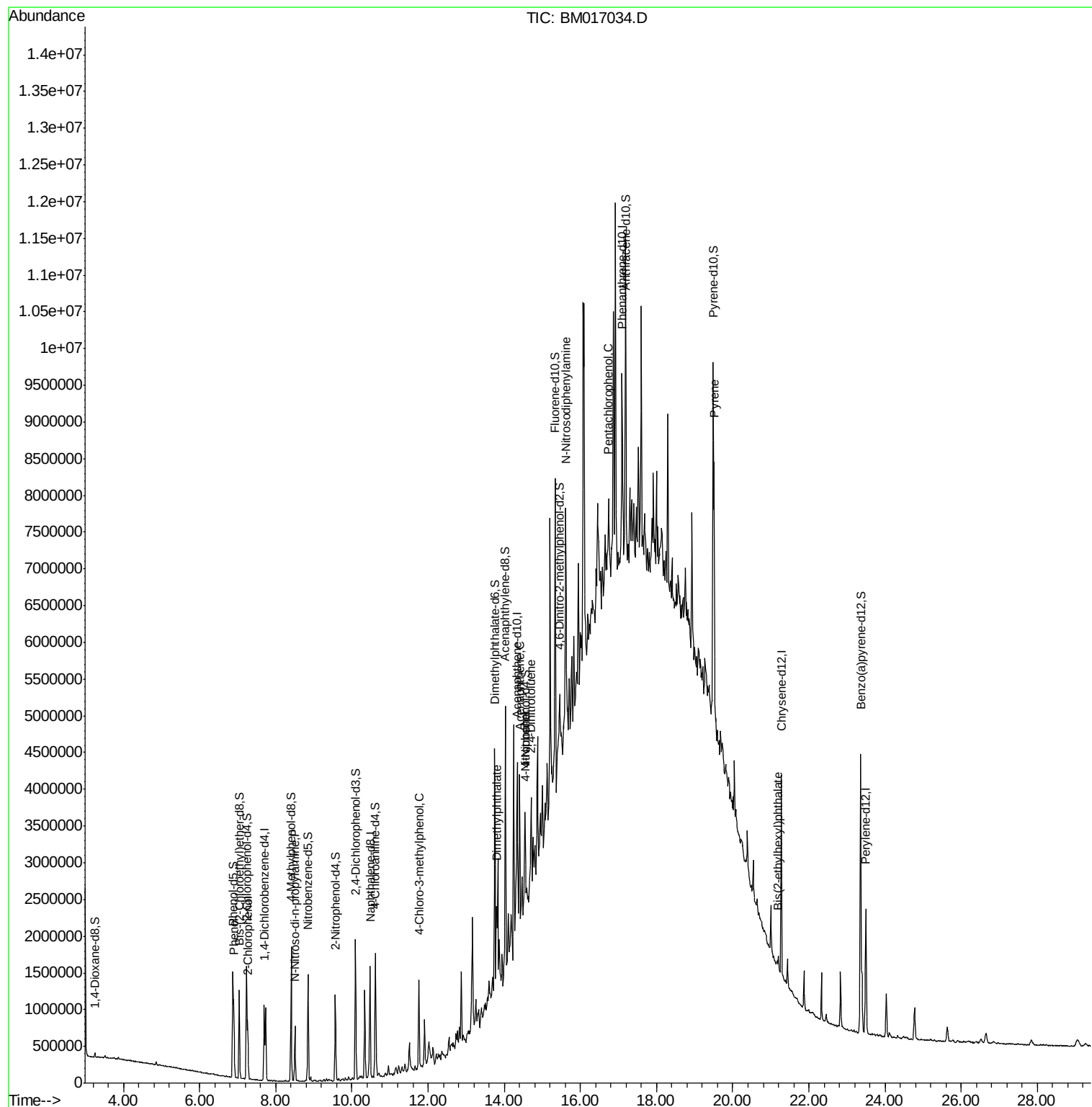
					Ovalue
6) Phenol	6.90	94	531891	22.727	ng/ul 99
10) 2-Chlorophenol	7.26	128	347596	17.949	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.50	70	256278	18.901	ng/ul 97
33) 4-Chloro-3-methylphenol	11.76	107	346626	18.840	ng/ul 95
45) Dimethylphthalate	13.80	163	418816	8.812	ng/ul 98
50) Acenaphthene	14.40	153	827525	19.820	ng/ul 100
53) 4-Nitrophenol	14.56	109	109611	16.647	ng/ul# 54
55) 2,4-Dinitrotoluene	14.71	165	224181	17.316	ng/ul# 94
65) N-Nitrosodiphenylamine	15.62	169	44622	1.218	ng/ul# 73
69) Pentachlorophenol	16.74	266	162982	17.239	ng/ul 97
80) Pyrene	19.52	202	1647407	22.799	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.20	149	67295	1.741	ng/ul 95

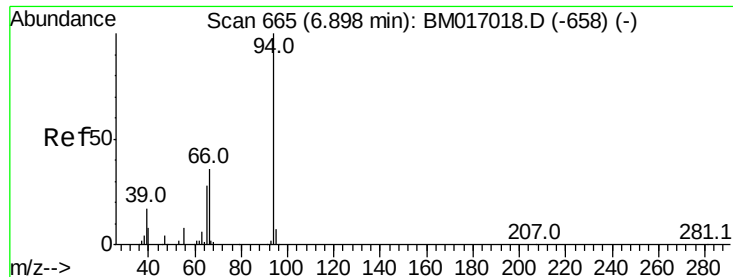
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 22.727 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM017034.D

Acq: 05 Oct 2018 13:05

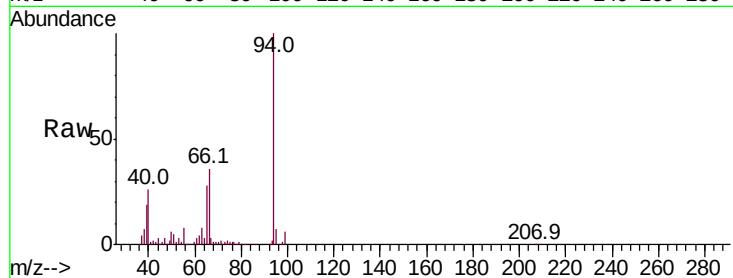
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 531891

Ion	Ratio	Lower	Upper
94	100		
65	27.6	22.8	34.2
66	36.3	29.5	44.3

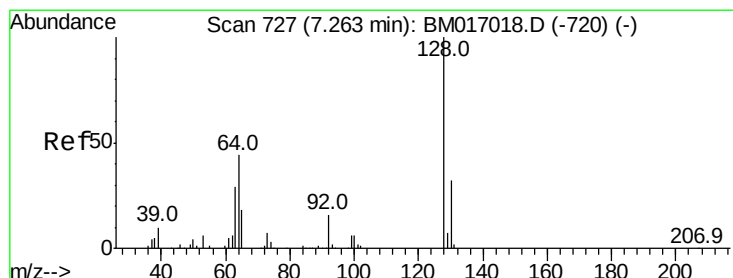
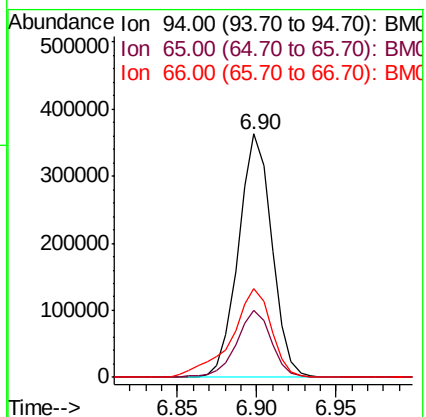
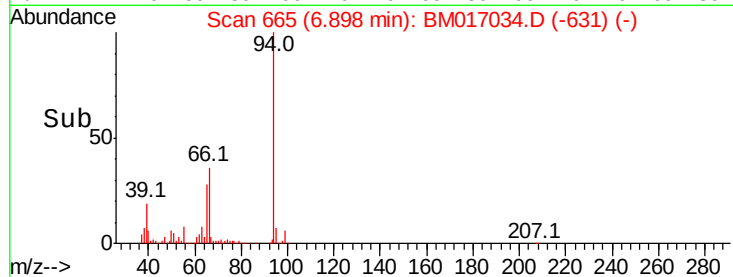


Abundance

Ion 94.00 (93.70 to 94.70): BM017018.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BM017018.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BM017018.D (-658) (-)



#10

2-Chlorophenol

Concen: 17.949 ng/ul

RT: 7.26 min Scan# 727

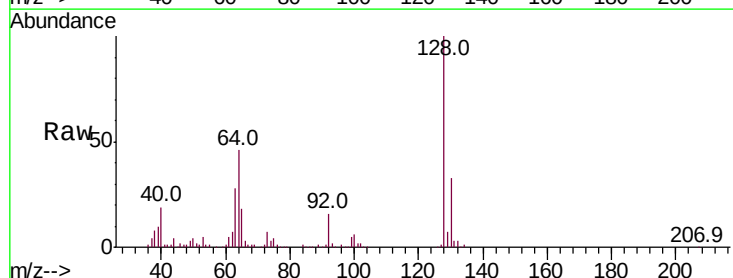
Delta R.T. -0.00 min

Lab File: BM017034.D

Acq: 05 Oct 2018 13:05

Tgt Ion:128 Resp: 347596

Ion	Ratio	Lower	Upper
128	100		
64	46.3	37.2	55.8
130	33.2	26.1	39.1

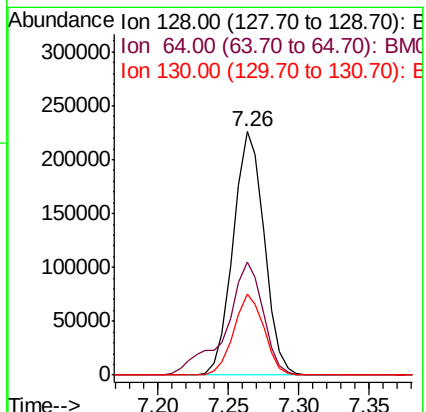
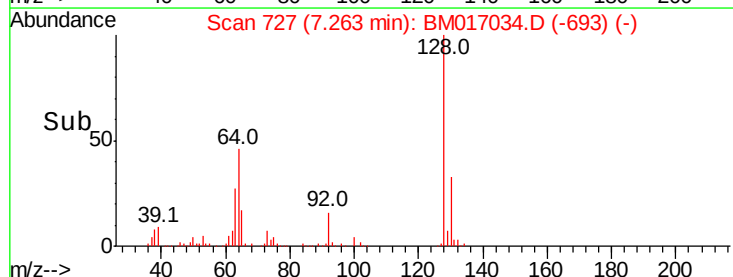


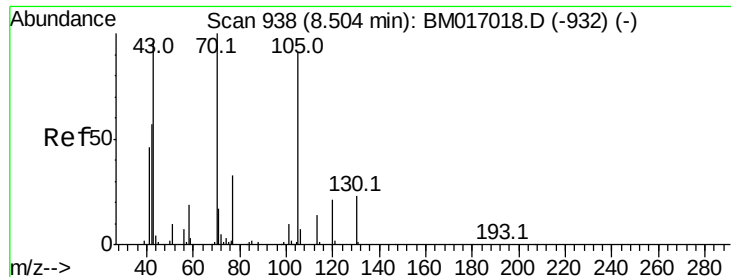
Abundance

Ion 128.00 (127.70 to 128.70): BM017018.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM017018.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM017018.D (-720) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 18.901 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. -0.00 min

Lab File: BM017034.D

Acq: 05 Oct 2018 13:05

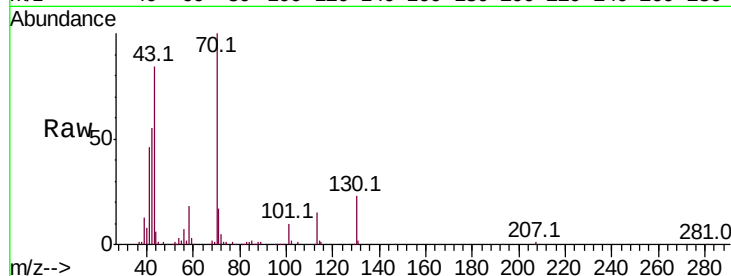
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 256278

Ion	Ratio	Lower	Upper
70	100		
42	54.5	45.1	67.7
101	9.9	7.5	11.3
130	23.0	17.3	25.9

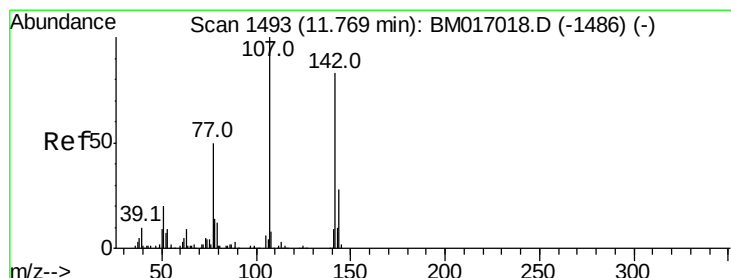
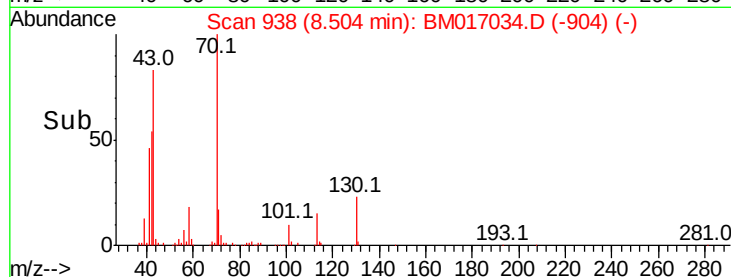


Abundance Ion 70.00 (69.70 to 70.70): BM017018.D (-932) (-)

Ion 42.00 (41.70 to 42.70): BM017018.D (-932) (-)

Ion 101.00 (100.70 to 101.70): BM017018.D (-932) (-)

Ion 130.00 (129.70 to 130.70): BM017018.D (-932) (-)



#33

4-Chloro-3-methylphenol

Concen: 18.840 ng/ul

RT: 11.76 min Scan# 1492

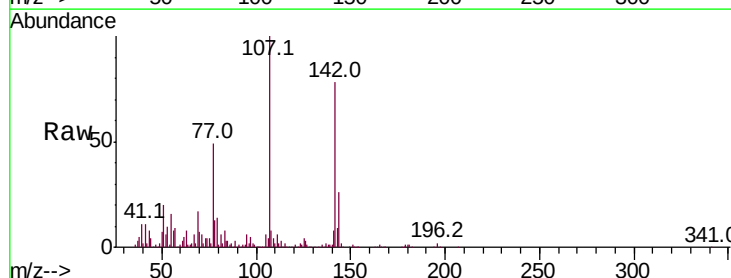
Delta R.T. -0.01 min

Lab File: BM017034.D

Acq: 05 Oct 2018 13:05

Tgt Ion: 107 Resp: 346626

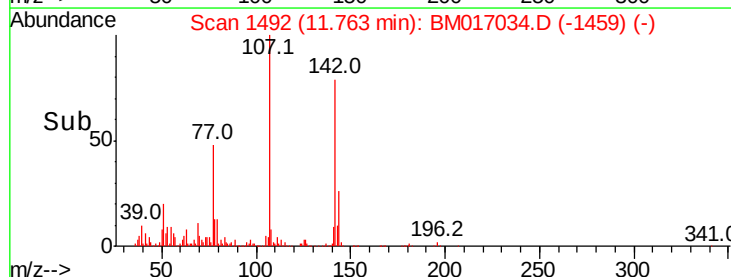
Ion	Ratio	Lower	Upper
107	100		
144	25.9	22.2	33.4
142	78.4	67.0	100.6

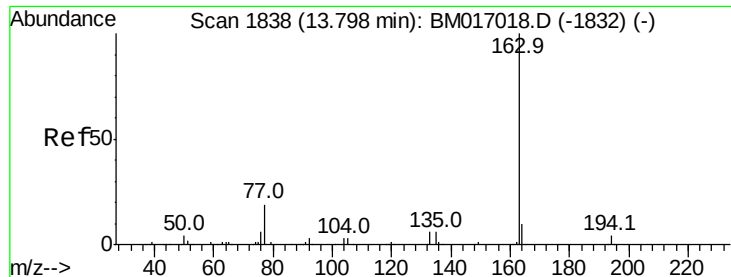


Abundance Ion 107.00 (106.70 to 107.70): BM017018.D (-1486) (-)

Ion 144.00 (143.70 to 144.70): BM017018.D (-1486) (-)

Ion 142.00 (141.70 to 142.70): BM017018.D (-1486) (-)





#45

Dimethylphthalate

Concen: 8.812 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM017034.D

Acq: 05 Oct 2018 13:05

Instrument :

BNA_M

ClientSampleId :

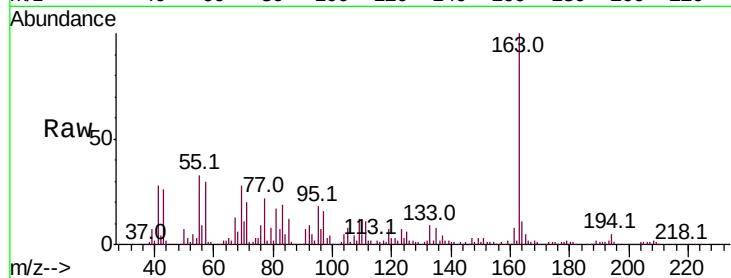
Tot Ion:163 Resp: 418816

Ion Ratio Lower Upper

163 100

194 4.7 3.3 4.9

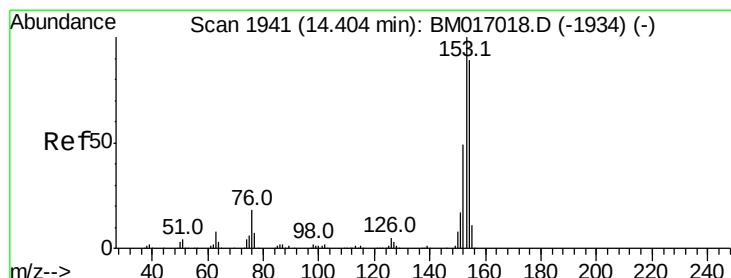
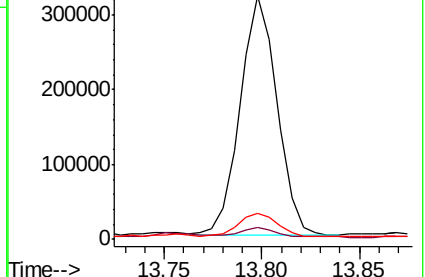
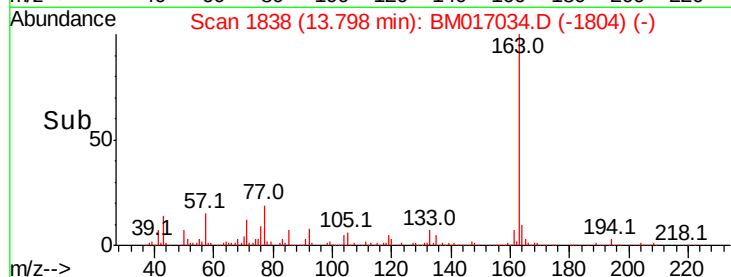
164 10.8 8.0 12.0



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



#50

Acenaphthene

Concen: 19.820 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BM017034.D

Acq: 05 Oct 2018 13:05

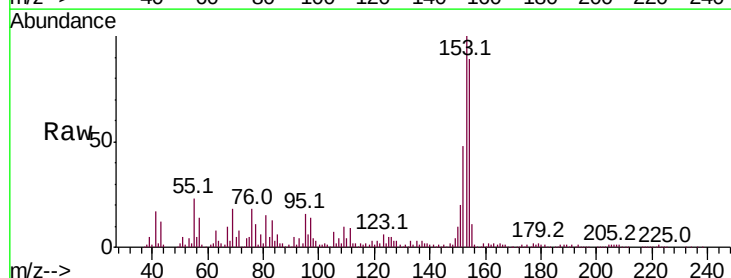
Tgt Ion:153 Resp: 827525

Ion Ratio Lower Upper

153 100

152 47.9 38.3 57.5

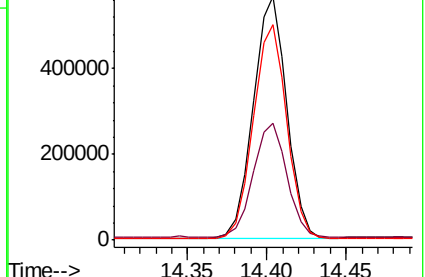
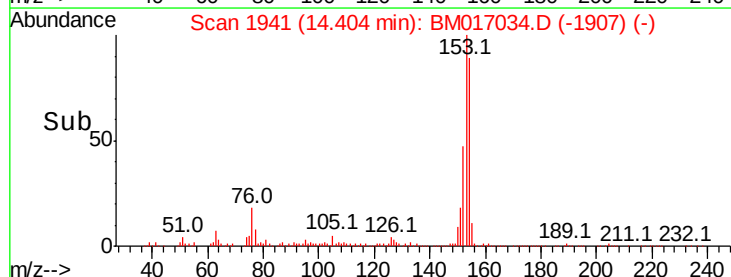
154 88.7 71.0 106.6

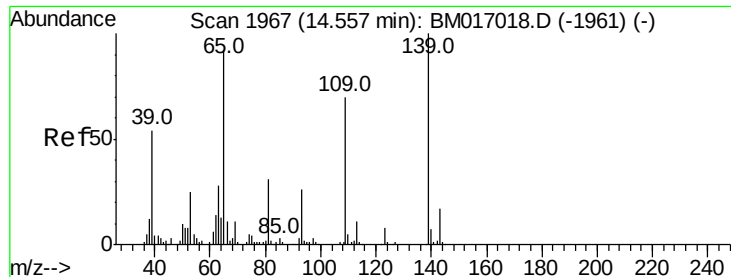


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 16.647 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BM017034.D

Acq: 05 Oct 2018 13:05

Instrument :

BNA_M

ClientSampled :

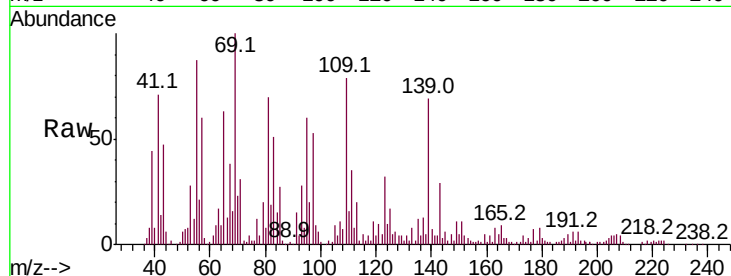
Tot Ion:109 Resp: 109611

Ion Ratio Lower Upper

109 100

139 87.8 114.1 171.1#

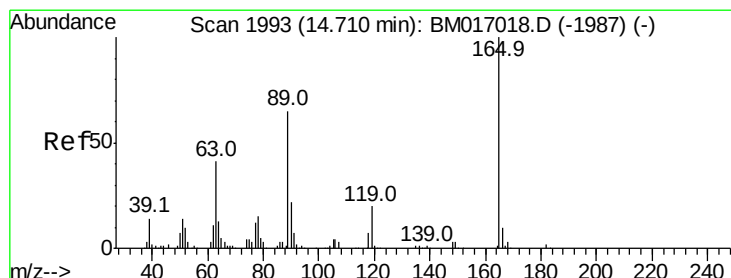
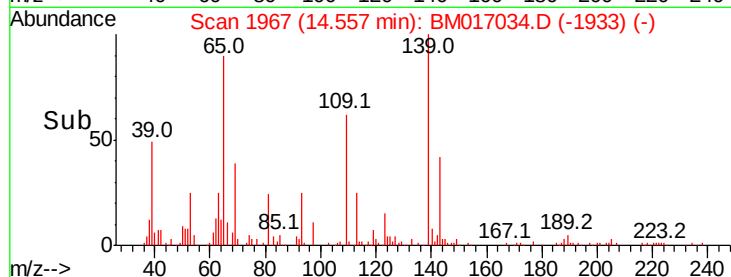
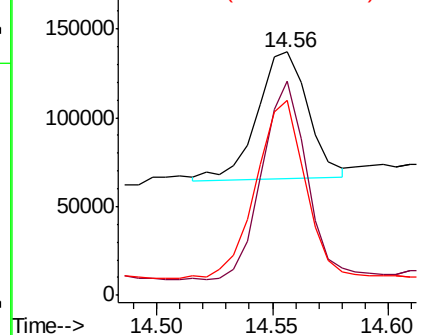
65 80.1 109.8 164.6#



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



#55

2,4-Dinitrotoluene

Concen: 17.316 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BM017034.D

Acq: 05 Oct 2018 13:05

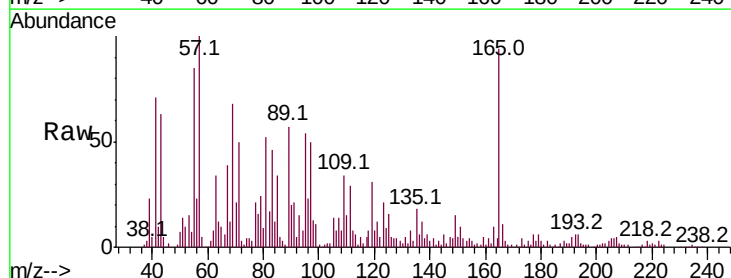
Tgt Ion:165 Resp: 224181

Ion Ratio Lower Upper

165 100

63 36.7 32.6 48.8

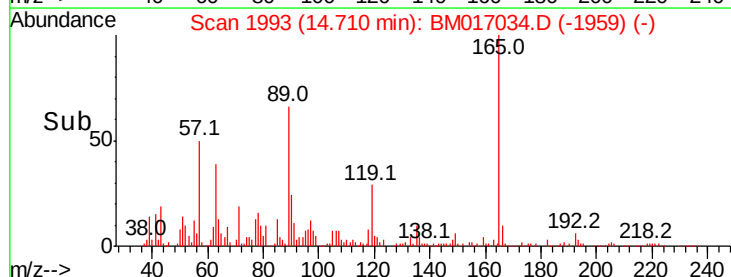
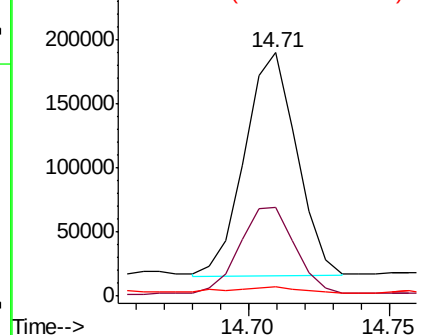
182 3.7 2.3 3.5#

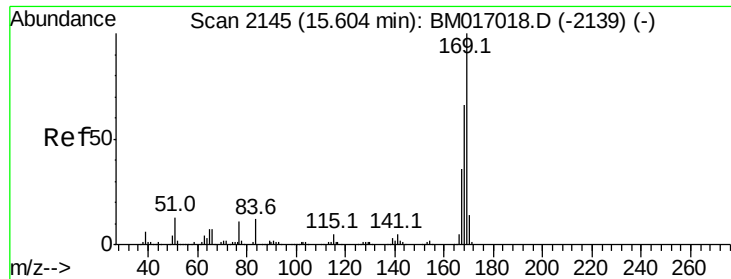


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

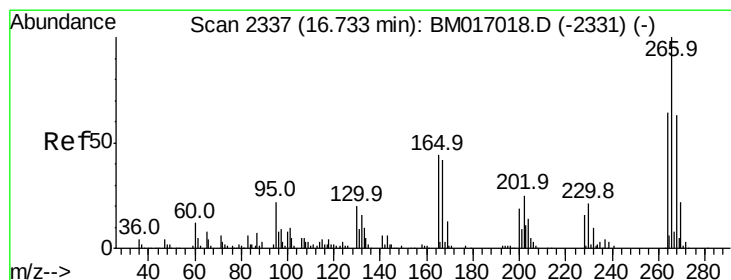
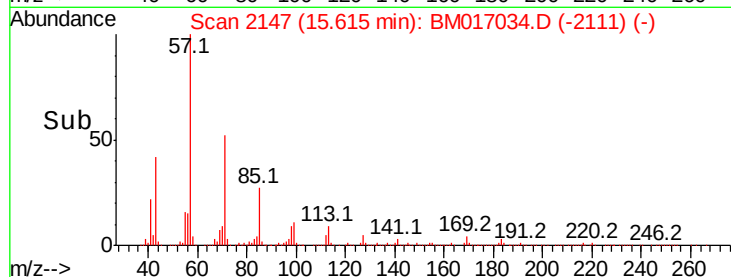
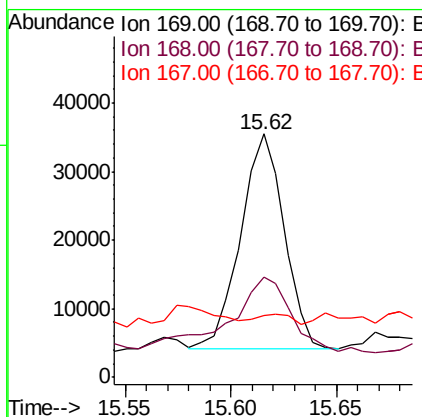
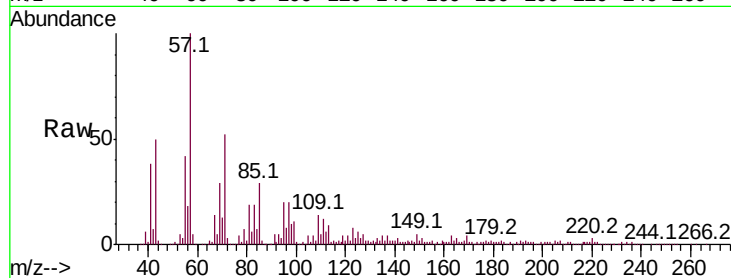




#65
N-Nitrosodiphenylamine
Concen: 1.218 ng/ul
RT: 15.62 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BM017034.D
Acq: 05 Oct 2018 13:05

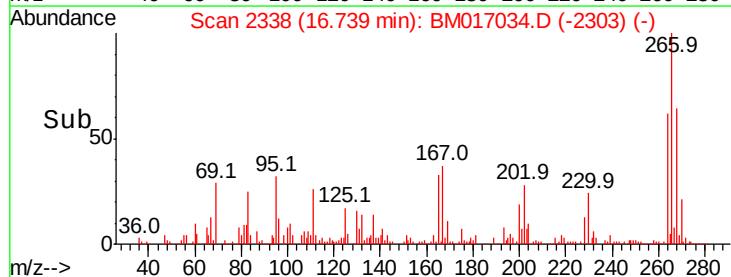
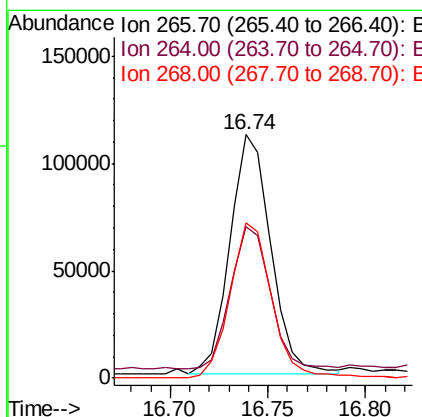
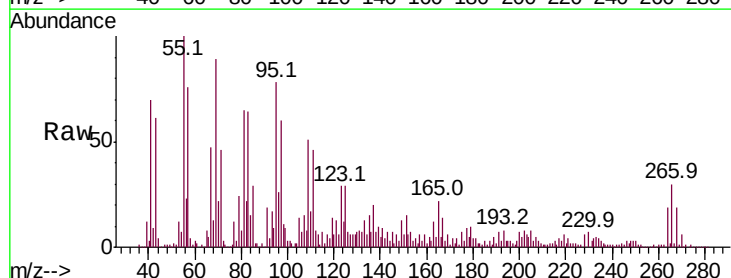
Instrument :
BNA_M
ClientSampleId :

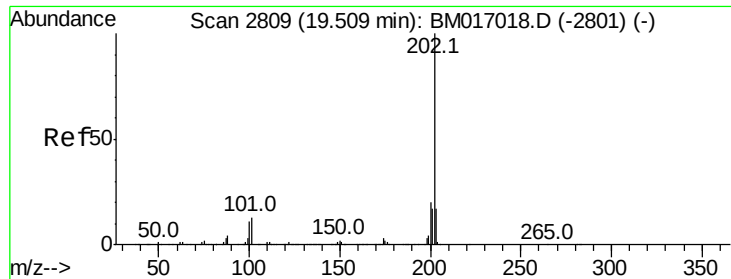
Tot Ion:169 Resp: 44622
Ion Ratio Lower Upper
169 100
168 41.4 53.2 79.8#
167 25.5 28.8 43.2#



#69
Pentachlorophenol
Concen: 17.239 ng/ul
RT: 16.74 min Scan# 2338
Delta R.T. 0.01 min
Lab File: BM017034.D
Acq: 05 Oct 2018 13:05

Tgt Ion:266 Resp: 162982
Ion Ratio Lower Upper
266 100
264 62.1 50.4 75.6
268 63.6 53.6 80.4

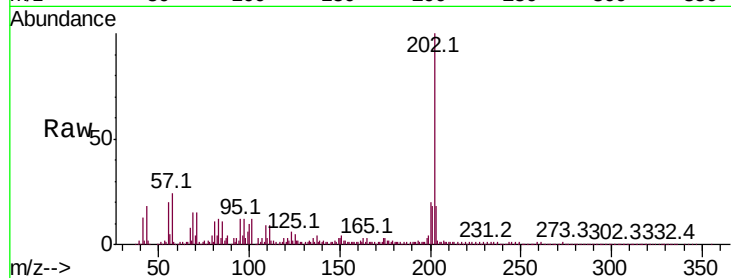




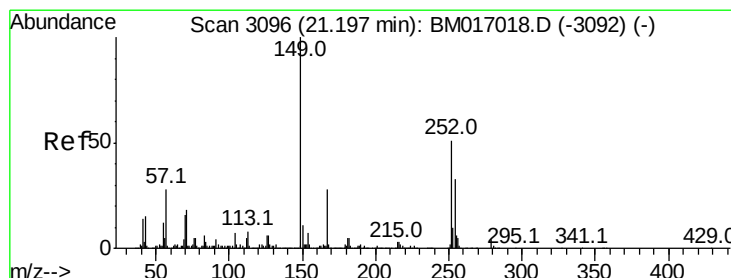
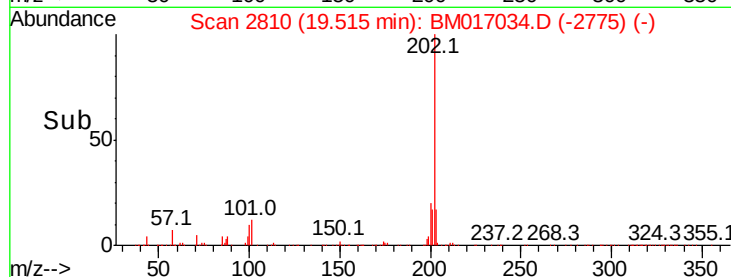
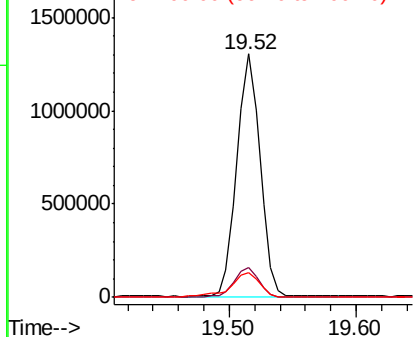
#80
Pvrene
Concen: 22.799 ng/ul
RT: 19.52 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM017034.D
Acq: 05 Oct 2018 13:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1647407
Ion Ratio Lower Upper
202 100
101 12.2 10.8 16.2
100 10.3 8.9 13.3

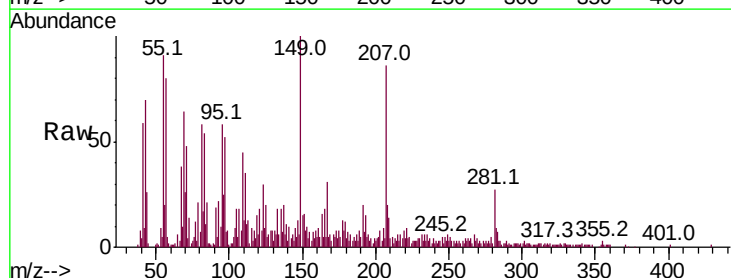


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.741 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM017034.D
Acq: 05 Oct 2018 13:05

Tgt Ion:149 Resp: 67295
Ion Ratio Lower Upper
149 100
167 31.1 22.5 33.7
279 5.2 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

