

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100518\
 Data File : BM017033.D
 Acq On : 05 Oct 2018 12:28
 Operator : MJ/SJ
 Sample : J5251-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 14:36:44 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	265965	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1134800	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	580612	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1215952	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1222150	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1224922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	27841	5.20	ng/uL	0.00
5) Phenol-d5	6.87	99	803546	36.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	494318	36.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	688946	37.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	665541	38.20	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	337432	40.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	350479	41.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	669504	38.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	831201	39.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1923249	41.75	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2488801	42.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	235954	27.11	ng/ul	0.00
58) Fluorene-d10	15.34	176	1663488	40.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	167663	23.38	ng/ul	0.00
71) Anthracene-d10	17.19	188	2435518	41.94	ng/ul	0.00
79) Pyrene-d10	19.49	212	2582742	46.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	2735041	43.61	ng/ul	0.00

Target Compounds

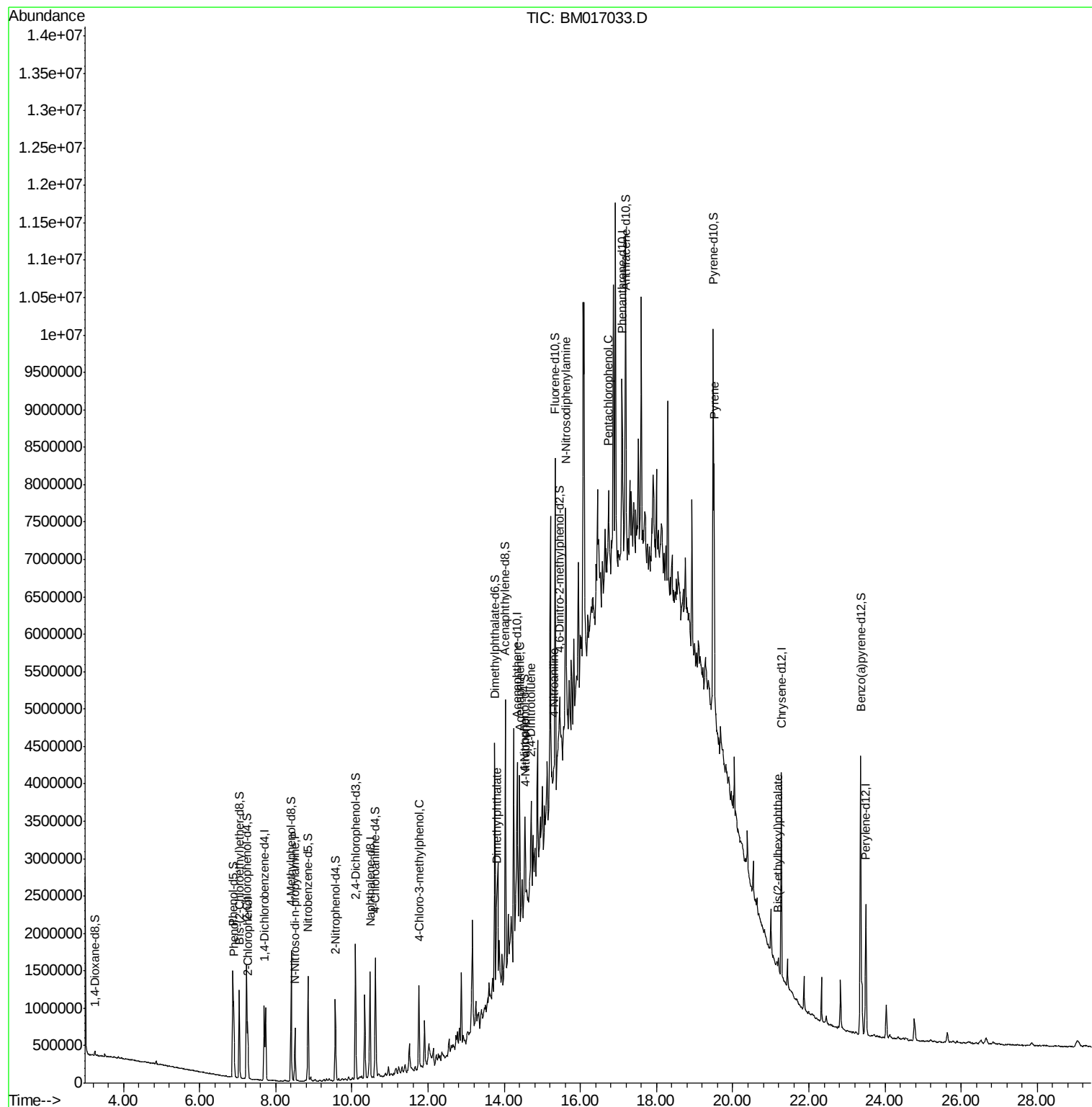
					Ovalue	
6) Phenol	6.90	94	507620	22.822	ng/ul	99
10) 2-Chlorophenol	7.26	128	330783	17.972	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	237277	18.413	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	321615	18.559	ng/ul	99
45) Dimethylphthalate	13.80	163	396953	8.702	ng/ul	98
50) Acenaphthene	14.40	153	800409	19.973	ng/ul	99
53) 4-Nitrophenol	14.56	109	111392	17.626	ng/ul#	48
55) 2,4-Dinitrotoluene	14.71	165	206354	16.607	ng/ul#	97
61) 4-Nitroaniline	15.30	138	10319	1.024	ng/ul	89
65) N-Nitrosodiphenylamine	15.62	169	44942	1.248	ng/ul#	72
69) Pentachlorophenol	16.74	266	152290	16.377	ng/ul	98
80) Pyrene	19.52	202	1620450	22.884	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.20	149	61126	1.614	ng/ul#	96

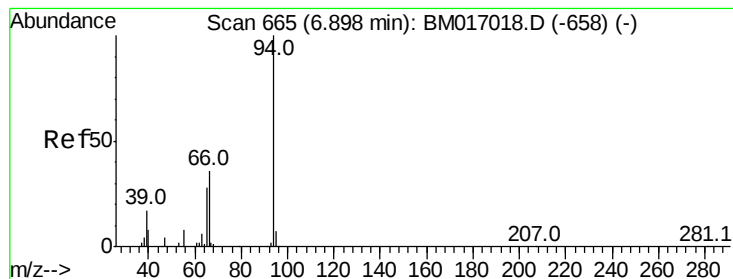
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 05:34:09 2018
Response via : Initial Calibration





#6

Phenol

Concen: 22.822 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM017033.D

Acq: 05 Oct 2018 12:28

Instrument :

BNA_M

ClientSampleId :

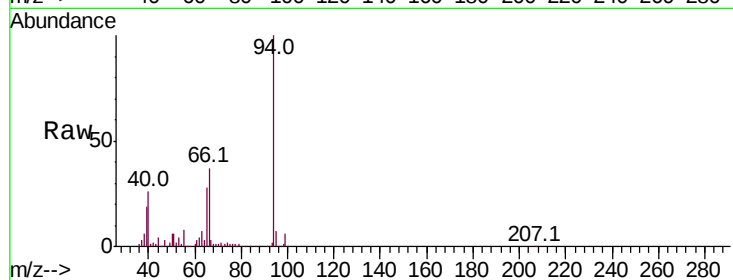
Tot Ion: 94 Resp: 507620

Ion Ratio Lower Upper

94 100

65 28.1 22.8 34.2

66 37.1 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) (-)

6.90

400000

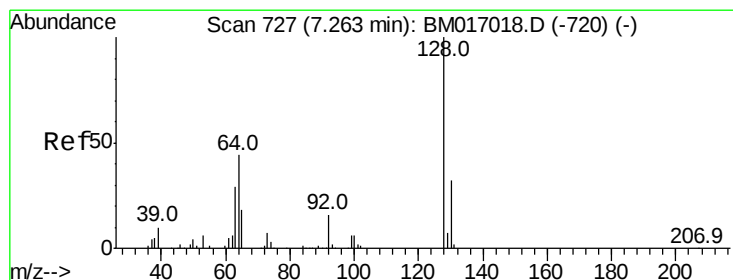
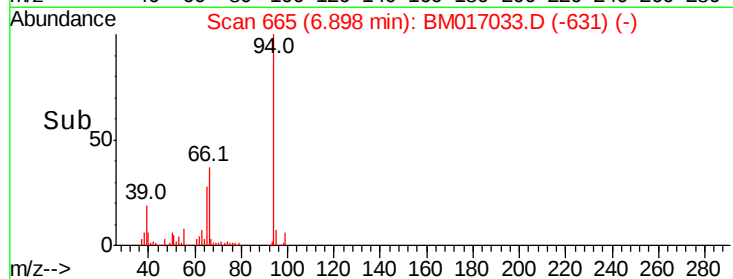
300000

200000

100000

0

Time--> 6.85 6.90 6.95 7.00



#10

2-Chlorophenol

Concen: 17.972 ng/ul

RT: 7.26 min Scan# 727

Delta R.T. 0.00 min

Lab File: BM017033.D

Acq: 05 Oct 2018 12:28

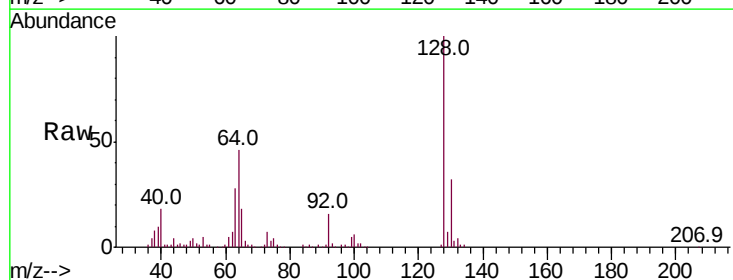
Tgt Ion: 128 Resp: 330783

Ion Ratio Lower Upper

128 100

64 46.1 37.2 55.8

130 32.2 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) (-)

7.26

250000

200000

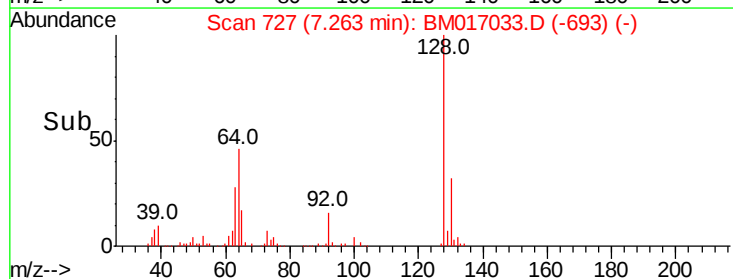
150000

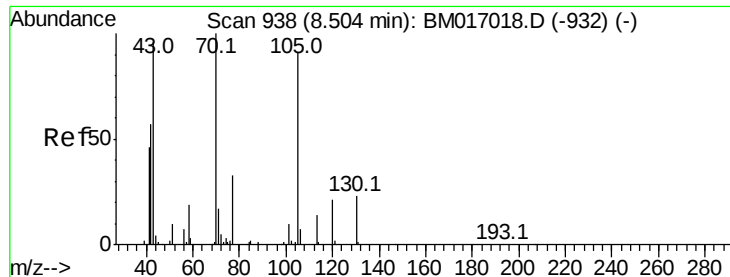
100000

50000

0

Time--> 7.20 7.25 7.30 7.35

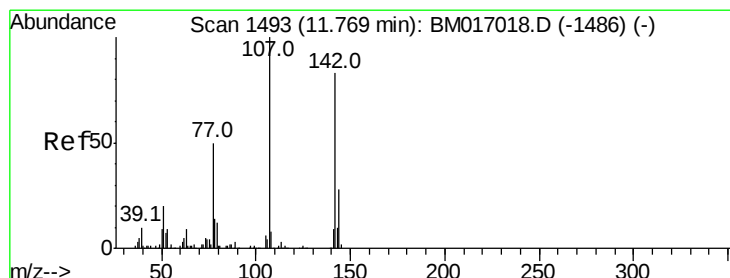
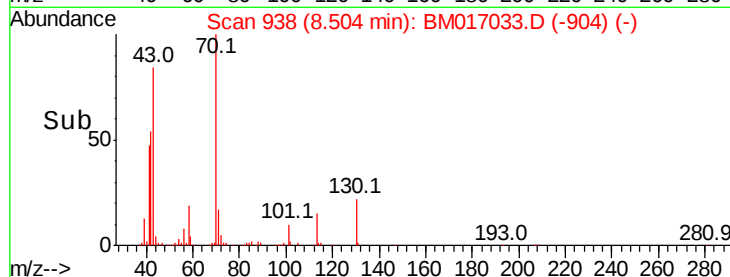
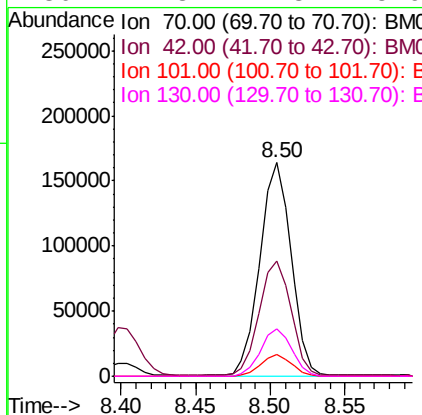
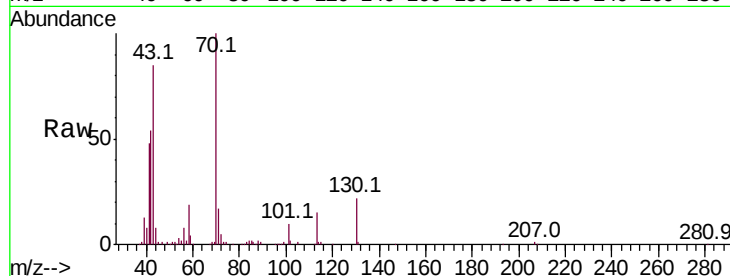




#15
N-Nitroso-di-n-propylamine
Concen: 18.413 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM017033.D
Acq: 05 Oct 2018 12:28

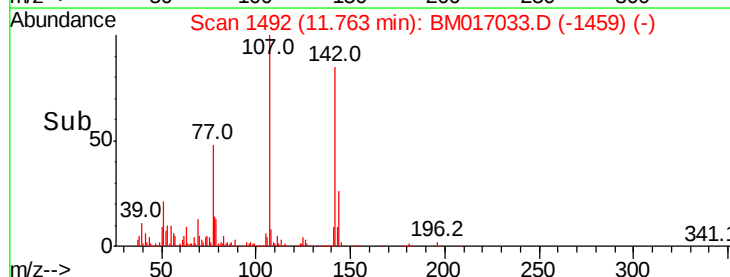
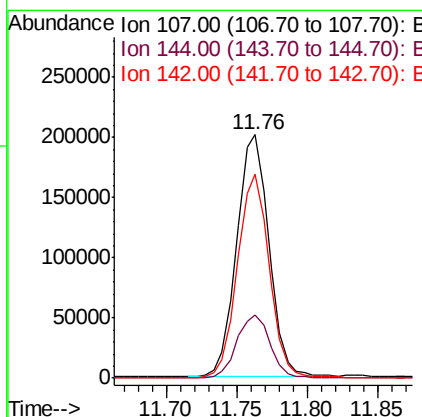
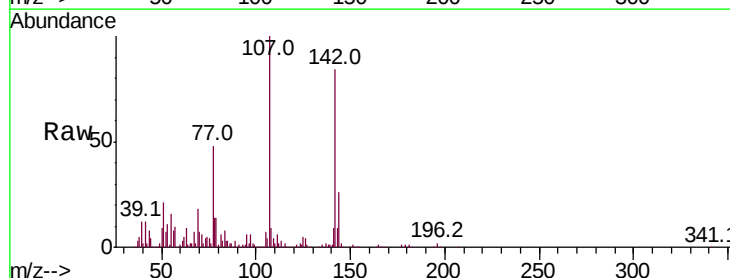
Instrument :
BNA_M
ClientSampled :

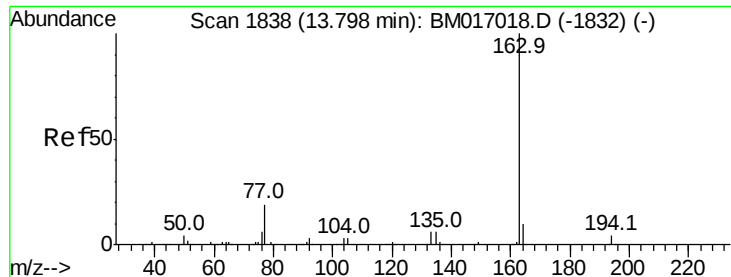
Tot Ion:	70	Resp:	237277
Ion	Ratio	Lower	Upper
70	100		
42	54.1	45.1	67.7
101	10.2	7.5	11.3
130	22.3	17.3	25.9



#33
4-Chloro-3-methylphenol
Concen: 18.559 ng/ul
RT: 11.76 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BM017033.D
Acq: 05 Oct 2018 12:28

Tgt Ion:	107	Resp:	321615
Ion	Ratio	Lower	Upper
107	100		
144	26.0	22.2	33.4
142	83.8	67.0	100.6





#45

Dimethylphthalate

Concen: 8.702 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM017033.D

Acq: 05 Oct 2018 12:28

Instrument :

BNA_M

ClientSampleId :

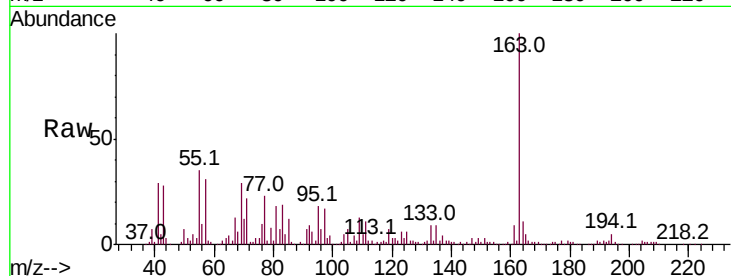
Tot Ion:163 Resp: 396953

Ion Ratio Lower Upper

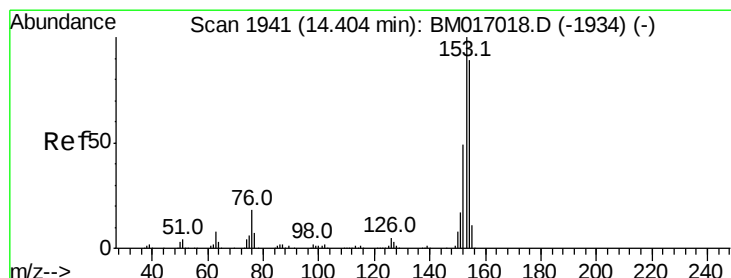
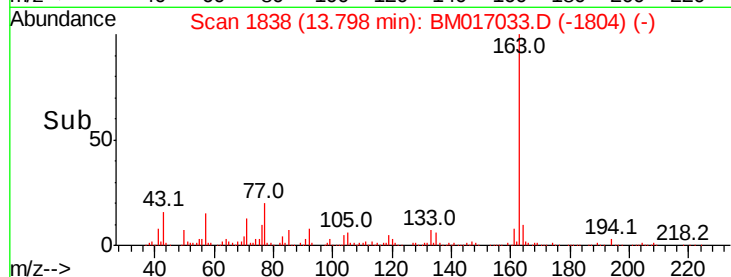
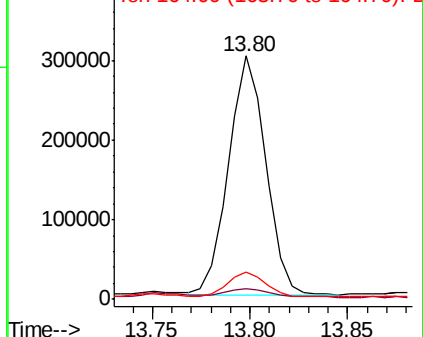
163 100

194 4.6 3.3 4.9

164 11.0 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: 19.973 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM017033.D

Acq: 05 Oct 2018 12:28

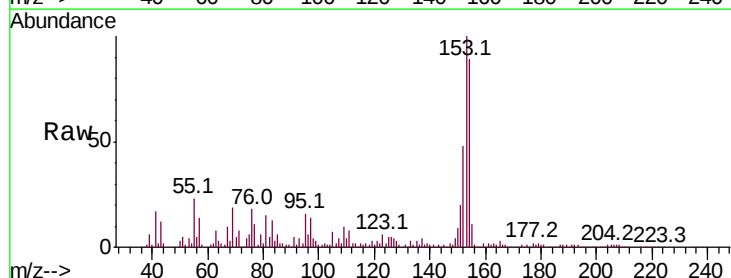
Tgt Ion:153 Resp: 800409

Ion Ratio Lower Upper

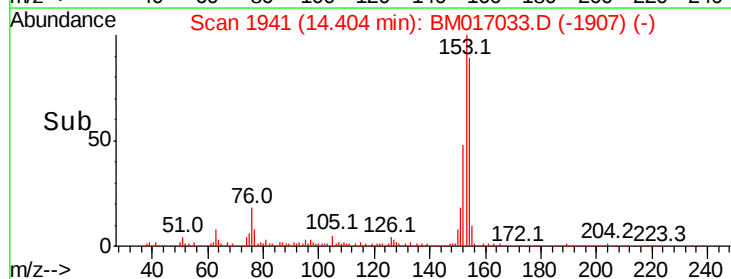
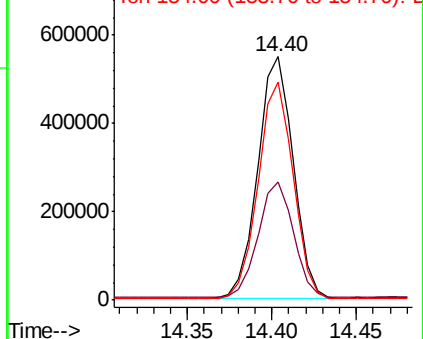
153 100

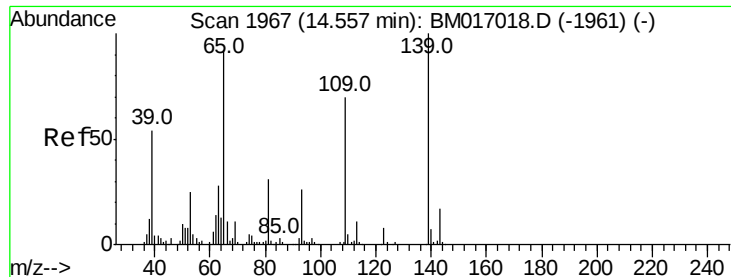
152 48.4 38.3 57.5

154 89.3 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: 17.626 ng/ul

RT: 14.56 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BM017033.D

Acq: 05 Oct 2018 12:28

Instrument :

BNA_M

ClientSampled :

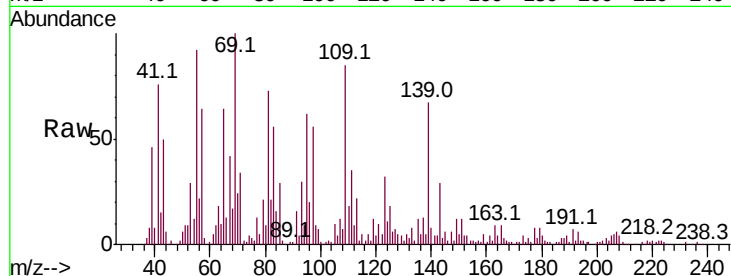
Tot Ion:109 Resp: 111392

Ion Ratio Lower Upper

109 100

139 78.6 114.1 171.1#

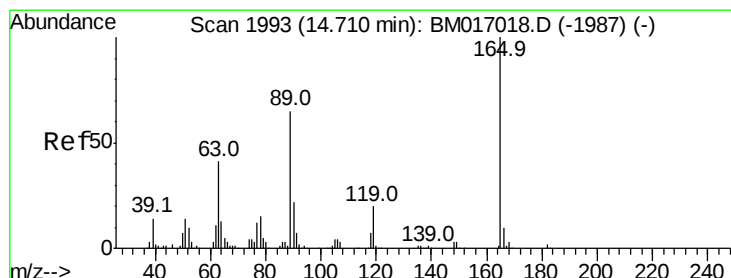
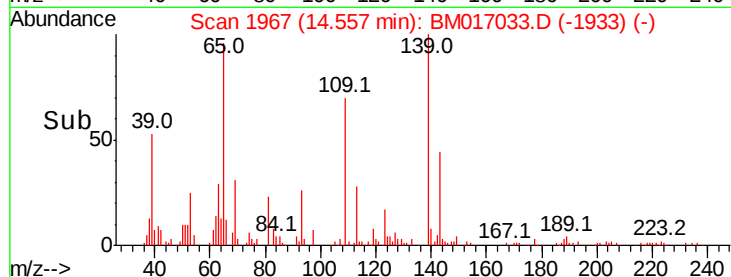
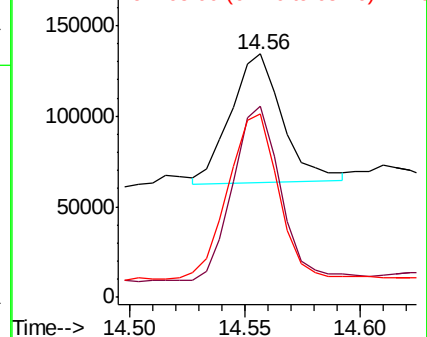
65 75.6 109.8 164.6#



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: 16.607 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BM017033.D

Acq: 05 Oct 2018 12:28

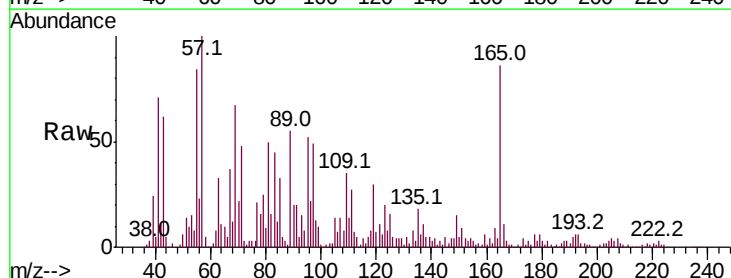
Tgt Ion:165 Resp: 206354

Ion Ratio Lower Upper

165 100

63 38.9 32.6 48.8

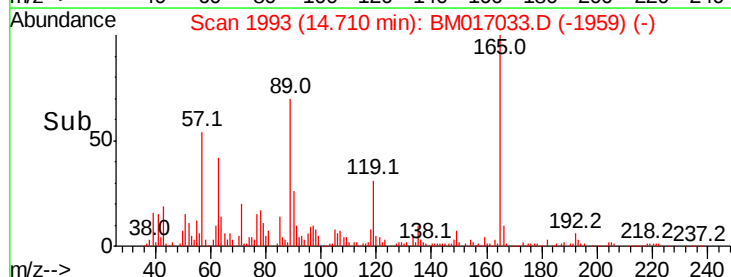
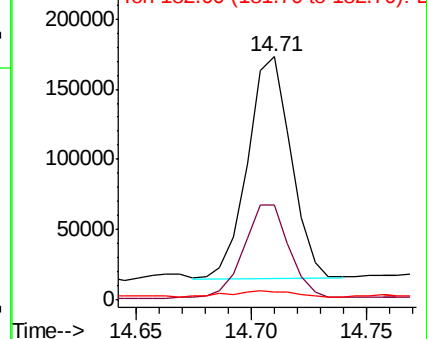
182 3.6 2.3 3.5#

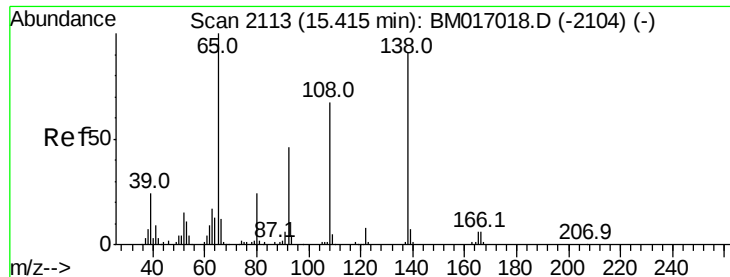


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

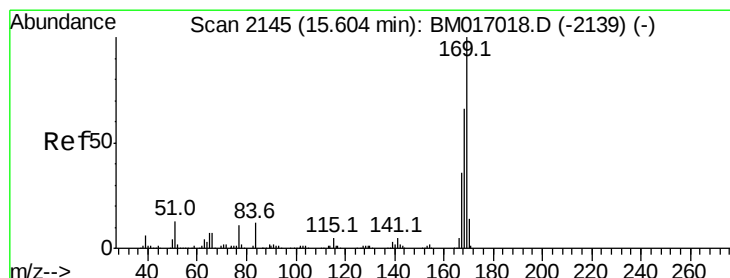
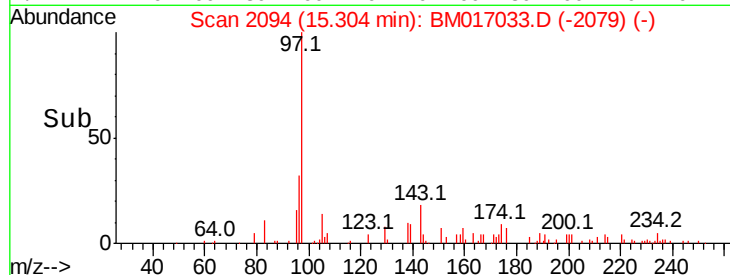
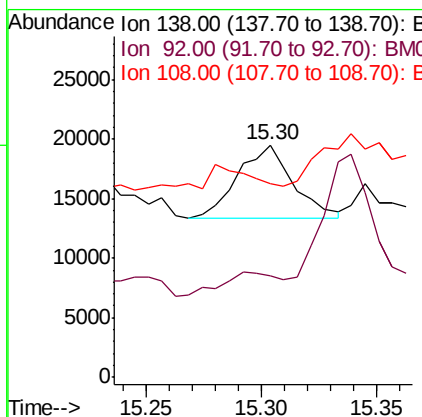
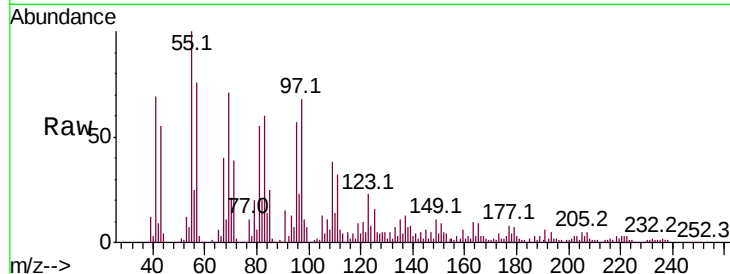




#61
4-Nitroaniline
Concen: 1.024 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. -0.11 min
Lab File: BM017033.D
Acq: 05 Oct 2018 12:28

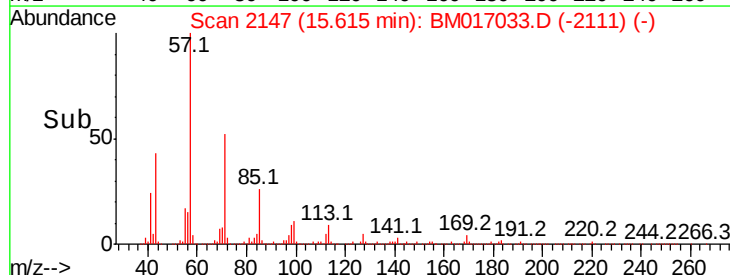
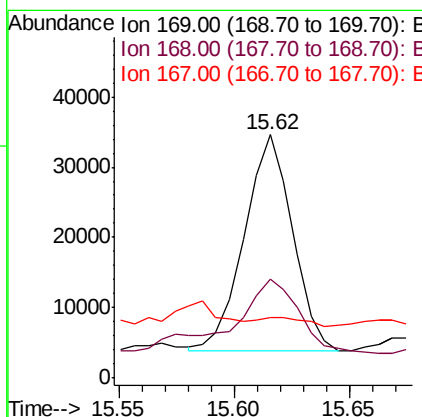
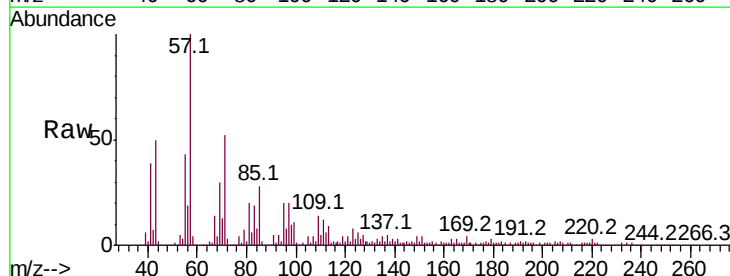
Instrument :
BNA_M
ClientSampleId :

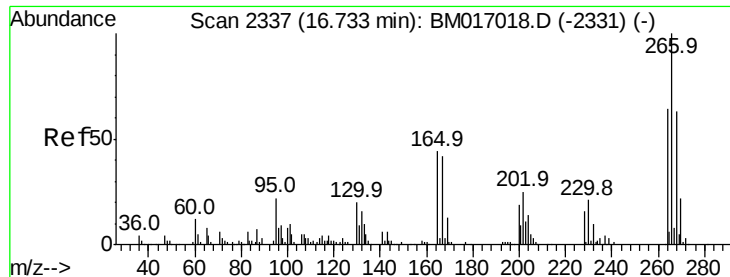
Tot Ion:138 Resp: 10319
Ion Ratio Lower Upper
138 100
92 43.6 41.4 62.0
108 83.5 60.0 90.0



#65
N-Nitrosodiphenylamine
Concen: 1.248 ng/ul
RT: 15.62 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BM017033.D
Acq: 05 Oct 2018 12:28

Tgt Ion:169 Resp: 44942
Ion Ratio Lower Upper
169 100
168 40.5 53.2 79.8#
167 24.7 28.8 43.2#

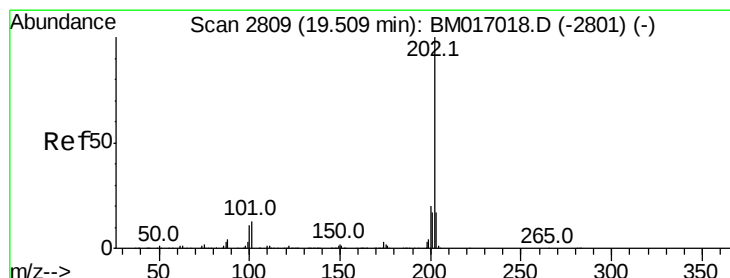
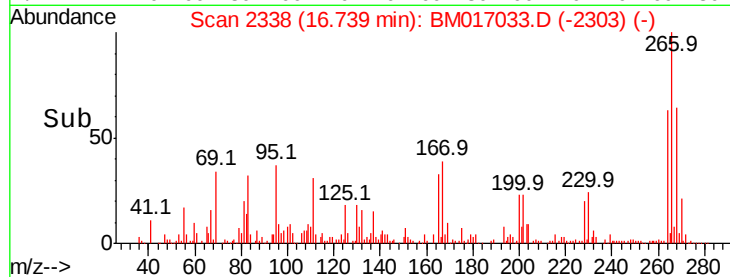
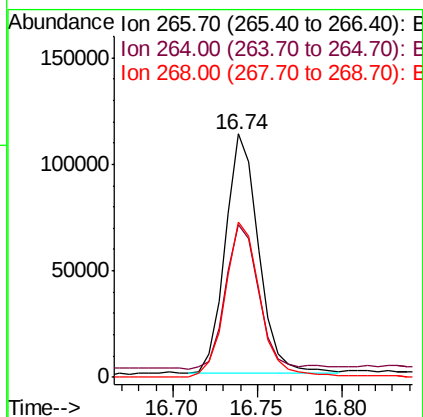
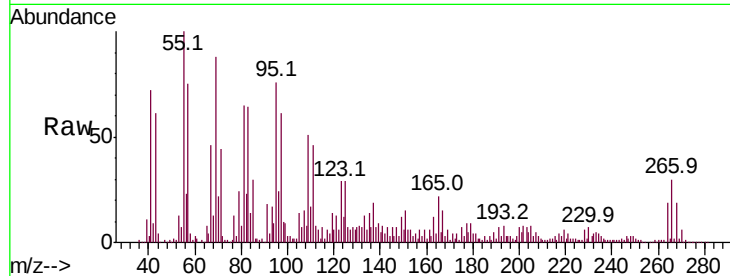




#69
 Pentachlorophenol
 Concen: 16.377 ng/ul
 RT: 16.74 min Scan# 2338
 Delta R.T. 0.01 min
 Lab File: BM017033.D
 Acq: 05 Oct 2018 12:28

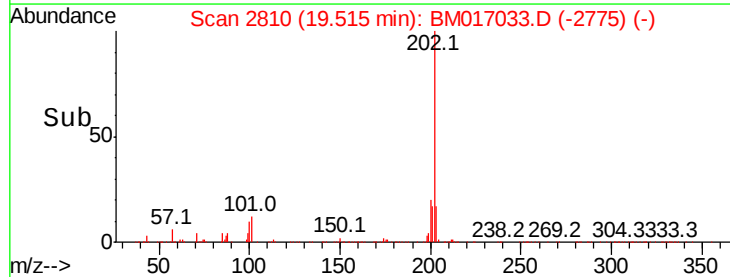
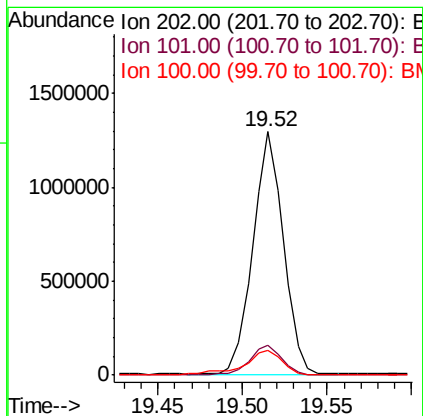
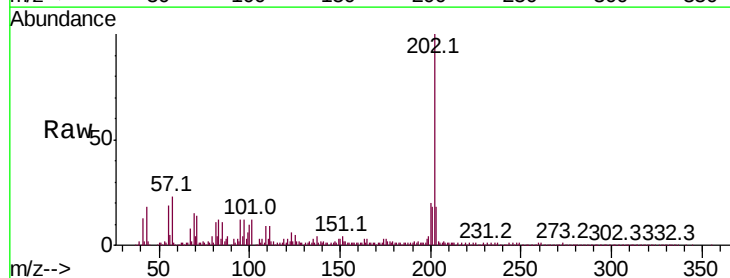
Instrument :
 BNA_M
 ClientSampleId :

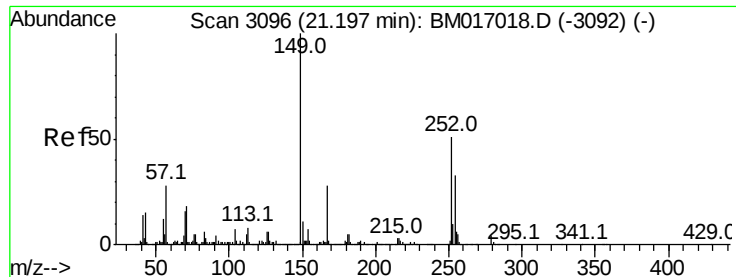
Tot Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.4	75.6
268	63.8	53.6	80.4



#80
 Pyrene
 Concen: 22.884 ng/ul
 RT: 19.52 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BM017033.D
 Acq: 05 Oct 2018 12:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.8	16.2
100	10.2	8.9	13.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.614 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017033.D

Acq: 05 Oct 2018 12:28

Instrument :

BNA_M

ClientSampleId :

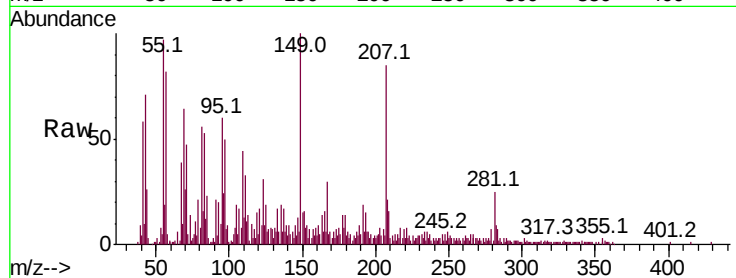
Tot Ion:149 Resp: 61126

Ion Ratio Lower Upper

149 100

167 30.1 22.5 33.7

279 6.9 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

