

Data File : BM017708.D
Acq On : 20 Nov 2018 17:47
Operator : MJ/SJ
Sample : J6001-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40W4MS

Quant Time: Nov 21 01:10:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 01:07:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	186857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	852090	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	516649	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1199081	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1379049	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1391948	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.19	96	6527	1.60	ng/uL	0.00
5) Phenol-d5	6.78	99	115517	6.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	333988	32.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	354411	26.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	225386	16.16	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	227105	34.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	250655	33.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	417345	29.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	10531	0.86	ng/ul	0.04
43) Dimethylphthalate-d6	13.66	166	1554465	34.68	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1859188	34.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	40144	4.93	ng/ul	0.01
57) Fluorene-d10	15.24	176	1354358	34.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	246389	28.74	ng/ul	0.00
70) Anthracene-d10	17.10	188	2110842	35.36	ng/ul	0.00
78) Pyrene-d10	19.40	212	2386717	35.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	2679299	35.49	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.81	94	121068	7.107	ng/ul	98
10) 2-Chlorophenol	7.17	128	332795	24.945	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	365435	32.238	ng/ul	98
33) 4-Chloro-3-methylphenol	11.67	107	394455	25.766	ng/ul	99
45) 2,6-Dinitrotoluene	13.67	165	10453	1.225	ng/ul#	36
49) Acenaphthene	14.31	153	1169017	32.013	ng/ul	99
52) 4-Nitrophenol	14.49	109	38883	5.800	ng/ul	90
54) 2,4-Dinitrotoluene	14.63	165	410428	31.763	ng/ul	92
56) Diethylphthalate	15.09	149	48042	1.074	ng/ul	96
67) Atrazine	16.65	200	44169	3.226	ng/ul#	36
68) Pentachlorophenol	16.65	266	297203	31.366	ng/ul	97
79) Pyrene	19.43	202	2825423	33.751	ng/ul	100

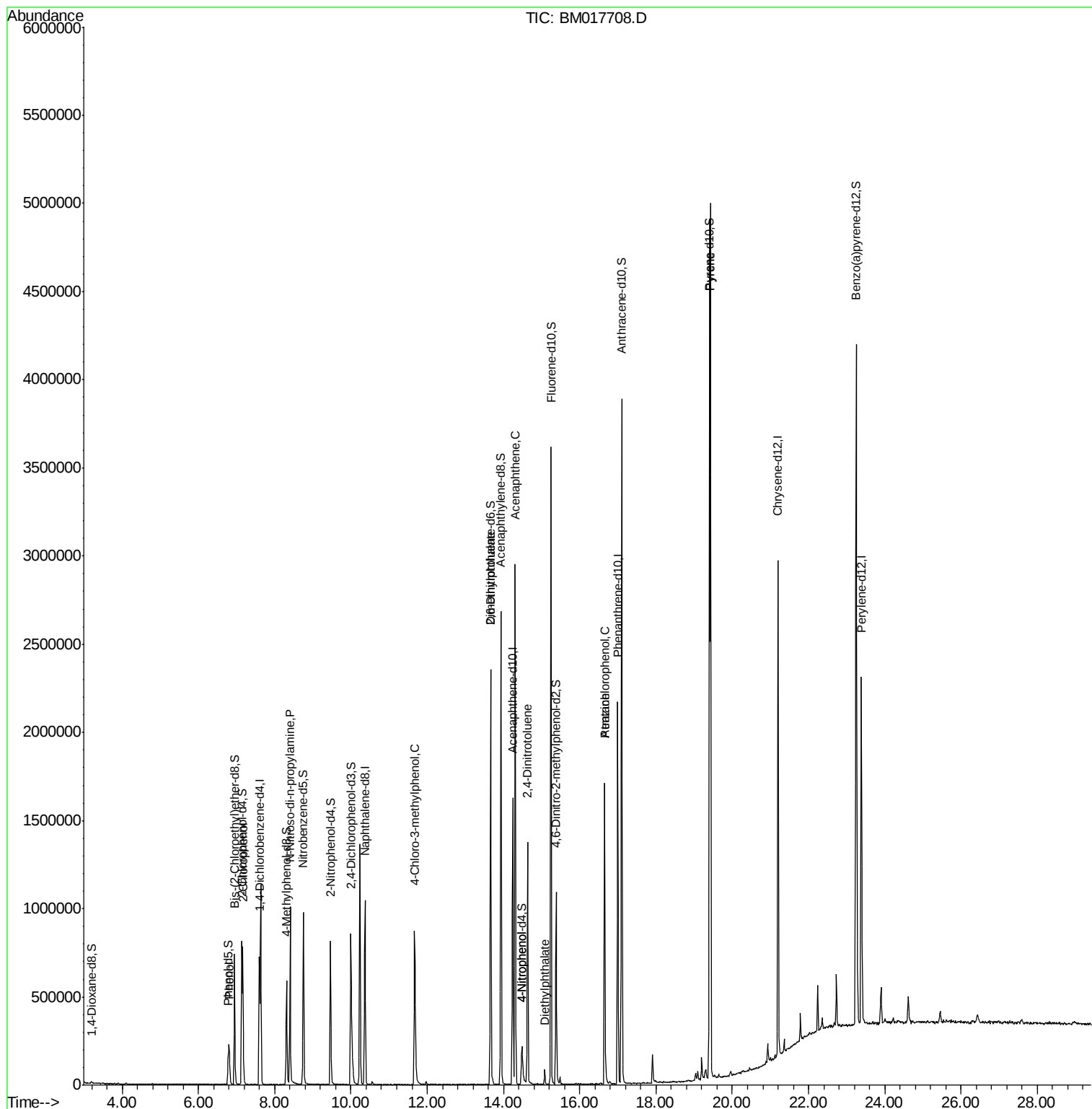
(#) = qualifier out of range (m) = manual integration (+) = signals summed

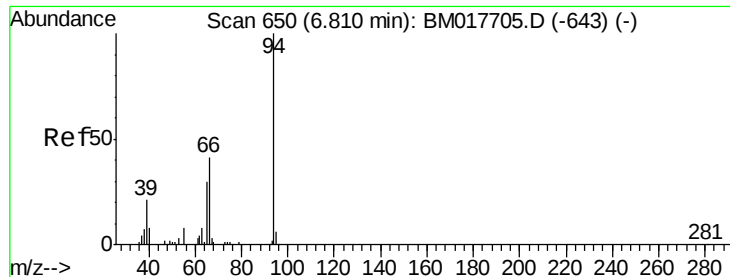
Data File : BM017708.D

```
Acq On       : 20 Nov 2018 17:47
Operator    : MJ/SJ
Sample      : J6001-04MS
Misc        :
ALS Vial    : 10      Sample Multip
```

Instrument :
BNA_M
ClientSampleId :
A40W4MS

Quant Time: Nov 21 01:10:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 01:07:57 2018
Response via : Initial Calibration





#6

Phenol

Concen: 7.107 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM017708.D

Acq: 20 Nov 2018 17:47

Instrument :

BNA_M

ClientSampleId :

A40W4MS

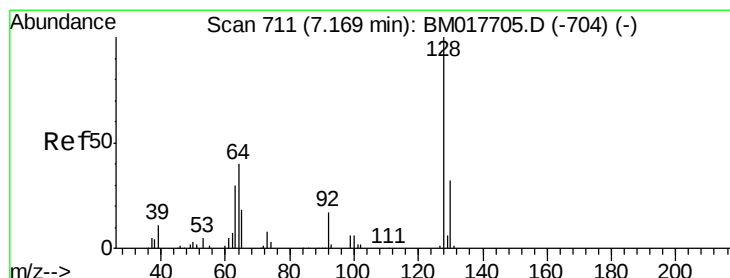
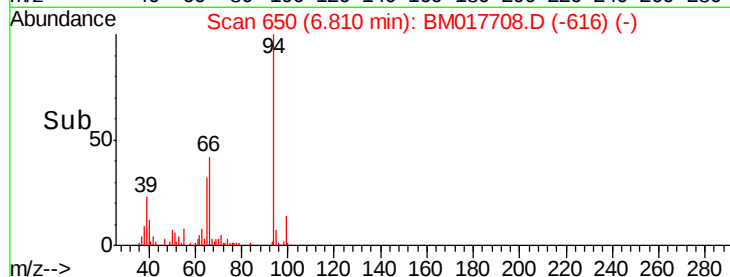
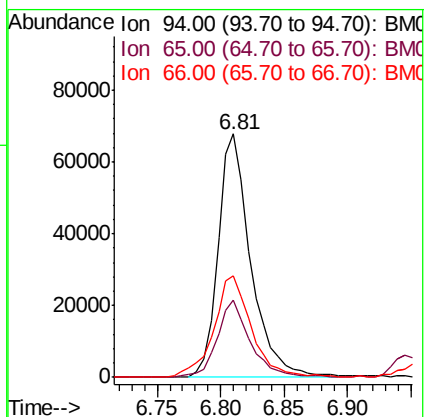
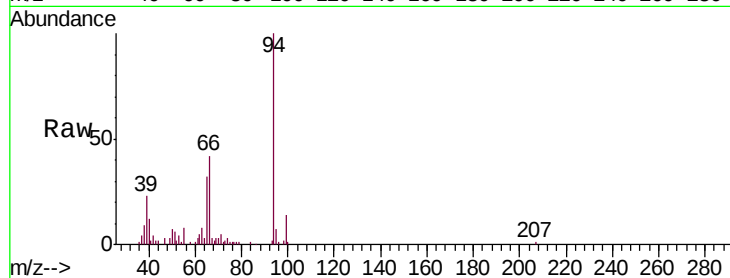
Tgt Ion: 94 Resp: 121068

Ion Ratio Lower Upper

94 100

65 31.5 24.7 37.1

66 41.8 34.6 51.8



#10

2-Chlorophenol

Concen: 24.945 ng/ul

RT: 7.17 min Scan# 711

Delta R.T. 0.00 min

Lab File: BM017708.D

Acq: 20 Nov 2018 17:47

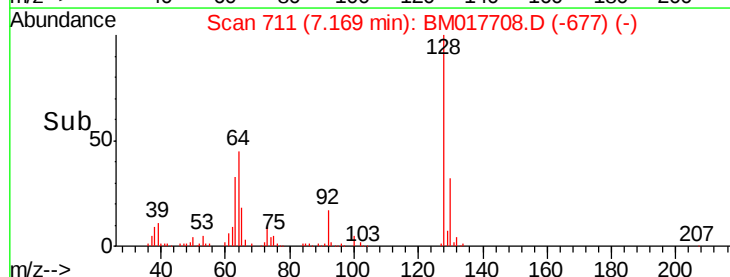
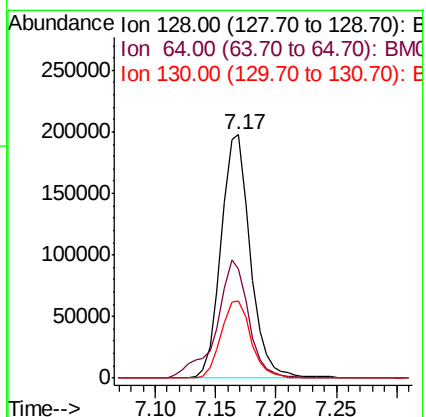
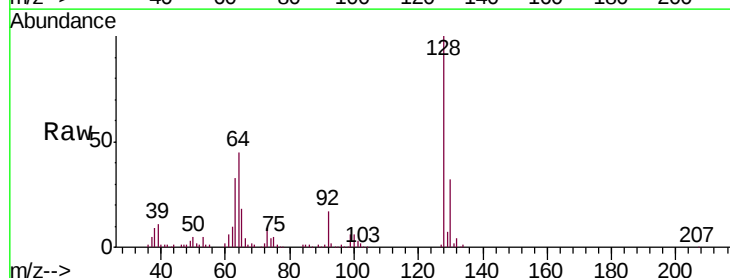
Tgt Ion: 128 Resp: 332795

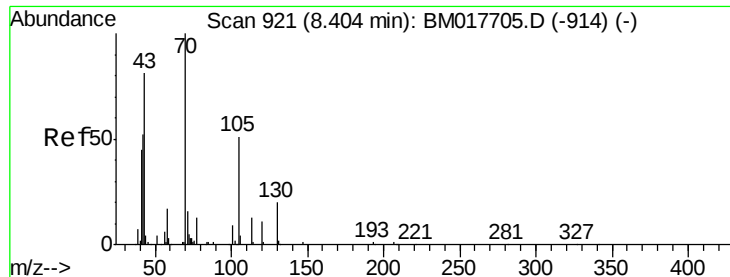
Ion Ratio Lower Upper

128 100

64 44.9 36.8 55.2

130 31.8 25.0 37.4

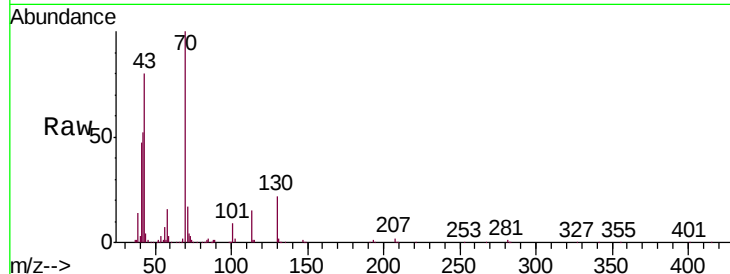




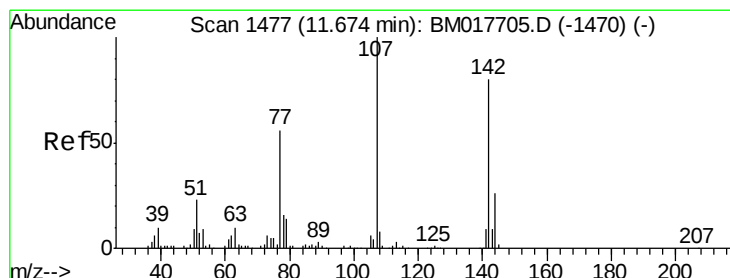
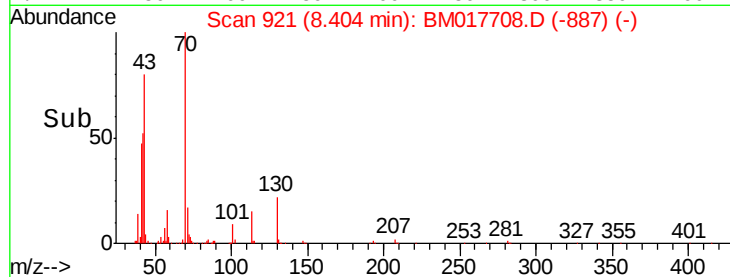
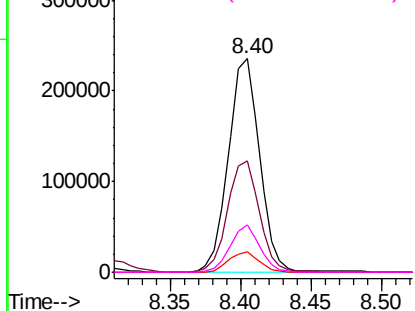
#15
N-Nitroso-di-n-propylamine
Concen: 32.238 ng/ul
RT: 8.40 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM017708.D
Acq: 20 Nov 2018 17:47

Instrument :
BNA_M
ClientSampleId :
A40W4MS

Tgt Ion:	70	Resp:	365435
Ion	Ratio	Lower	Upper
70	100		
42	51.9	42.7	64.1
101	9.4	7.6	11.4
130	21.9	16.7	25.1

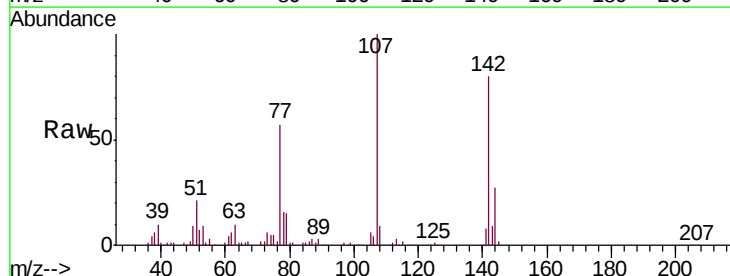


Abundance Ion 70.00 (69.70 to 70.70): BM017705.D (-914) (-)
Ion 42.00 (41.70 to 42.70): BM017705.D (-914) (-)
Ion 101.00 (100.70 to 101.70): BM017705.D (-914) (-)
Ion 130.00 (129.70 to 130.70): BM017705.D (-914) (-)

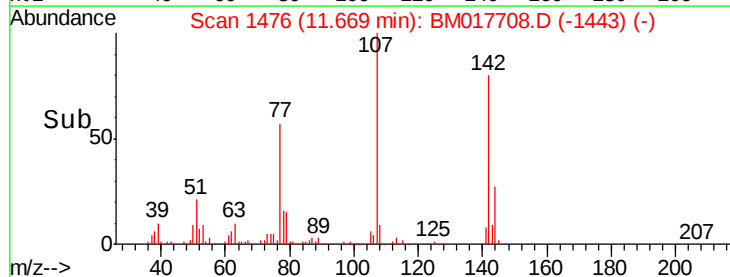
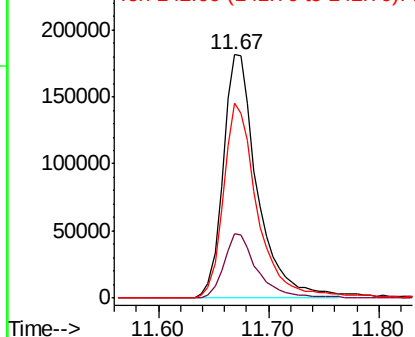


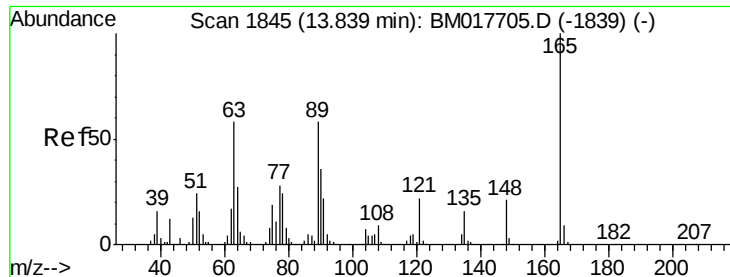
#33
4-Chloro-3-methylphenol
Concen: 25.766 ng/ul
RT: 11.67 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BM017708.D
Acq: 20 Nov 2018 17:47

Tgt Ion:	107	Resp:	394455
Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.1	31.7
142	80.1	63.0	94.6



Abundance Ion 107.00 (106.70 to 107.70): BM017705.D (-1470) (-)
Ion 144.00 (143.70 to 144.70): BM017705.D (-1470) (-)
Ion 142.00 (141.70 to 142.70): BM017705.D (-1470) (-)

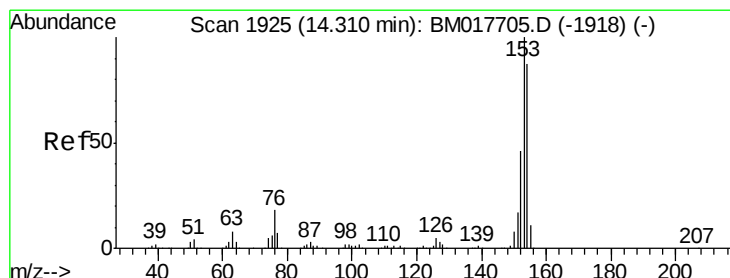
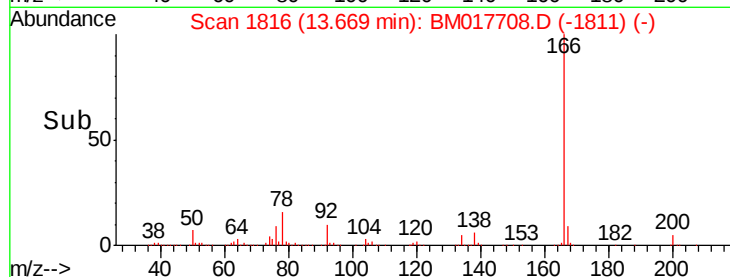
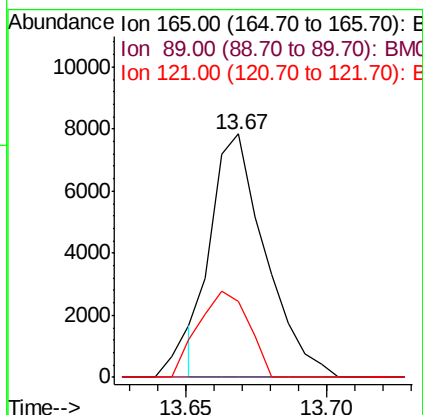
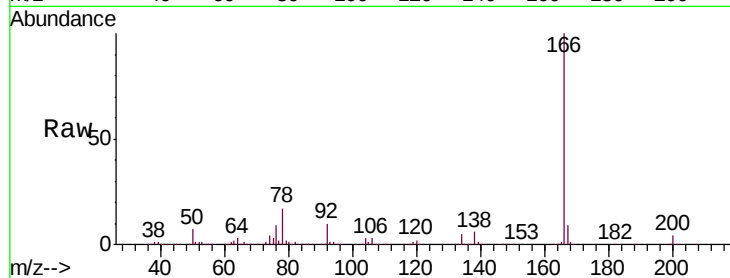




#45
 2,6-Dinitrotoluene
 Concen: 1.225 ng/ul
 RT: 13.67 min Scan# 1816
 Delta R.T. -0.17 min
 Lab File: BM017708.D
 Acq: 20 Nov 2018 17:47

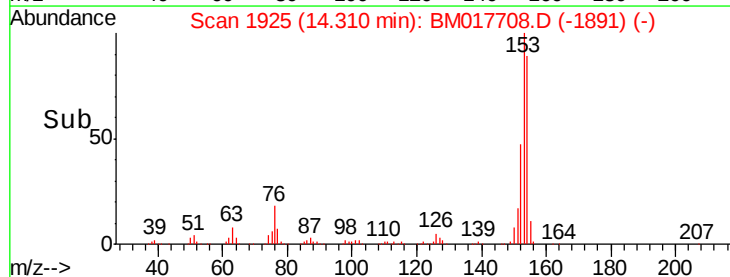
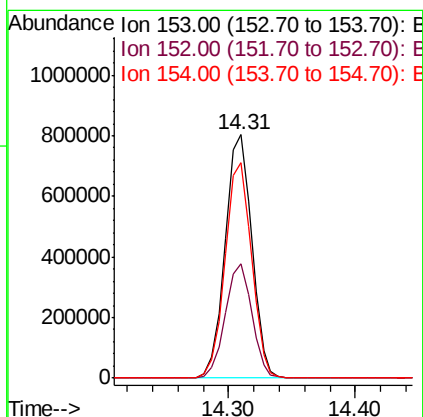
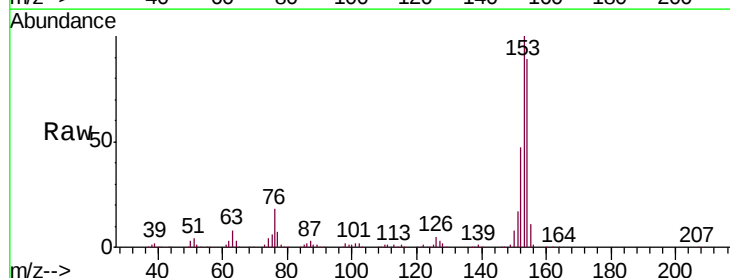
Instrument :
 BNA_M
 ClientSampleId :
 A40W4MS

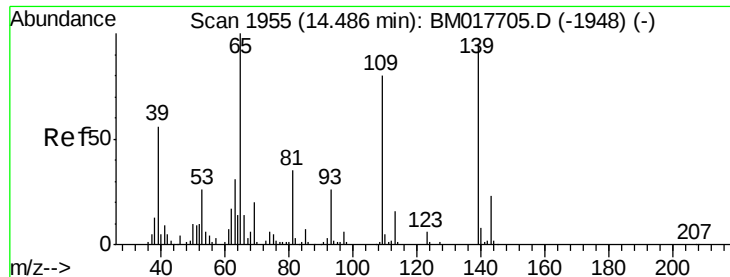
Tgt Ion:165 Resp: 10453
 Ion Ratio Lower Upper
 165 100
 89 0.0 48.0 72.0#
 121 31.0 17.0 25.6#



#49
 Acenaphthene
 Concen: 32.013 ng/ul
 RT: 14.31 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BM017708.D
 Acq: 20 Nov 2018 17:47

Tgt Ion:153 Resp: 1169017
 Ion Ratio Lower Upper
 153 100
 152 47.1 37.0 55.6
 154 88.6 70.6 106.0





#52

4-Nitrophenol

Concen: 5.800 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM017708.D

Acq: 20 Nov 2018 17:47

Instrument :

BNA_M

ClientSampleId :

A40W4MS

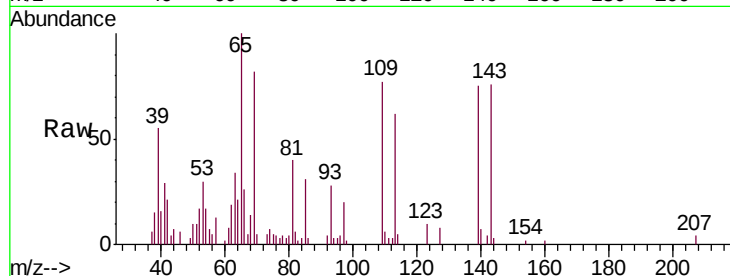
Tgt Ion:109 Resp: 38883

Ion Ratio Lower Upper

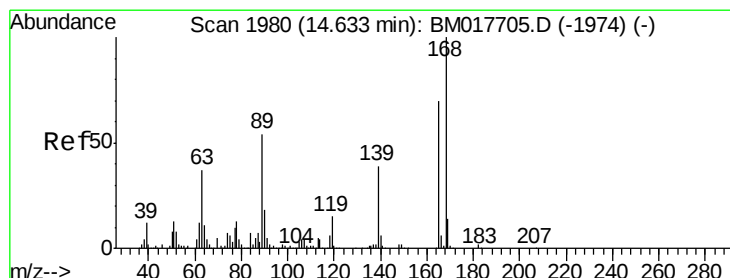
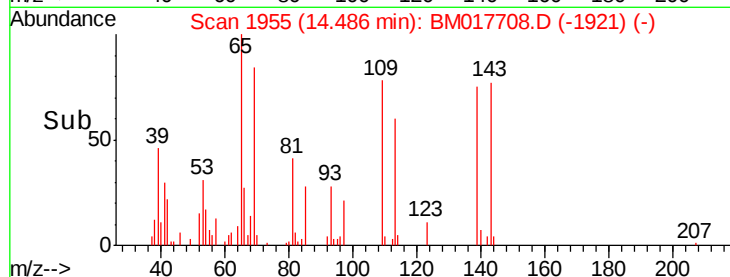
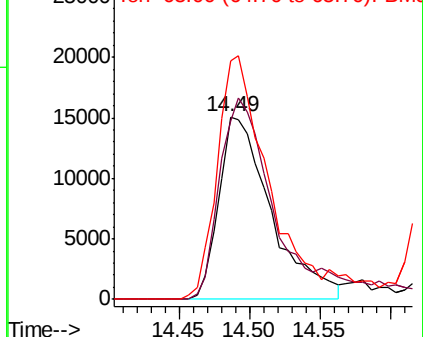
109 100

139 97.4 97.4 146.0

65 130.5 104.5 156.7



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: 31.763 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM017708.D

Acq: 20 Nov 2018 17:47

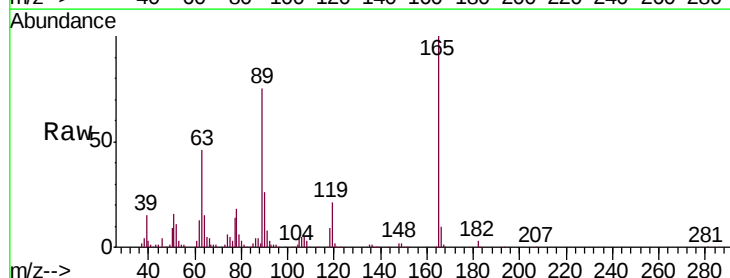
Tgt Ion:165 Resp: 410428

Ion Ratio Lower Upper

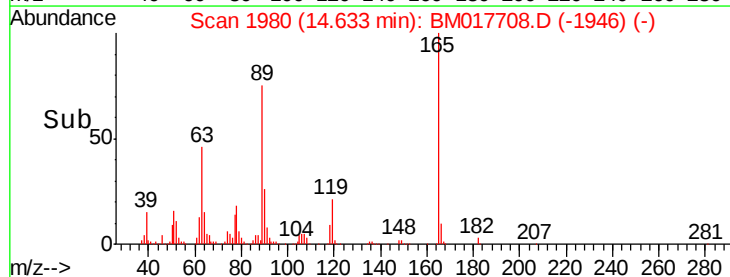
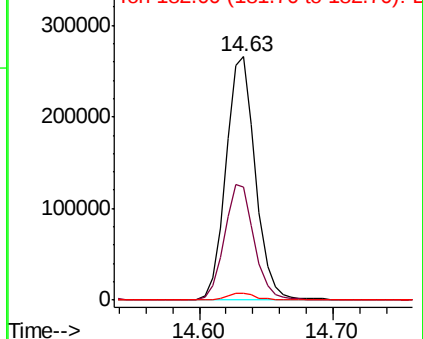
165 100

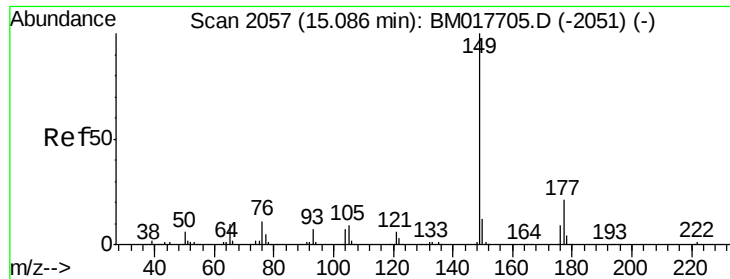
63 46.2 41.8 62.8

182 3.0 2.2 3.2



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

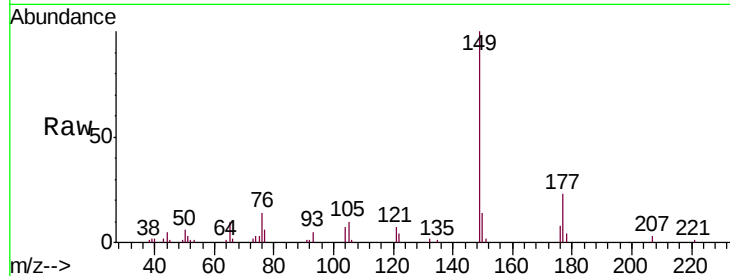




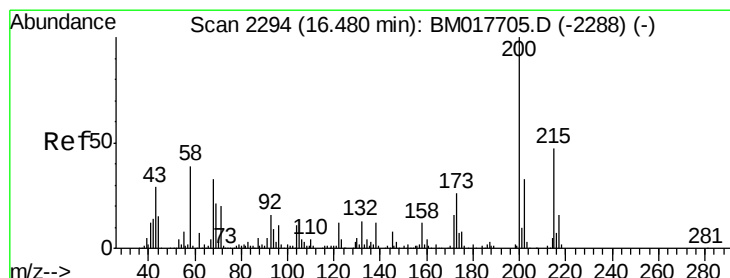
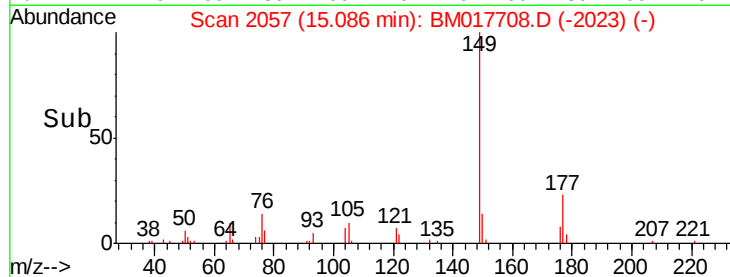
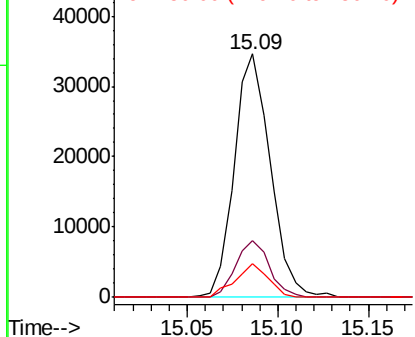
#56
Diethylphthalate
Concen: 1.074 ng/ul
RT: 15.09 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM017708.D
Acq: 20 Nov 2018 17:47

Instrument :
BNA_M
ClientSampleId :
A40W4MS

Tgt Ion:149 Resp: 48042
Ion Ratio Lower Upper
149 100
177 23.2 17.0 25.6
150 13.9 10.0 15.0

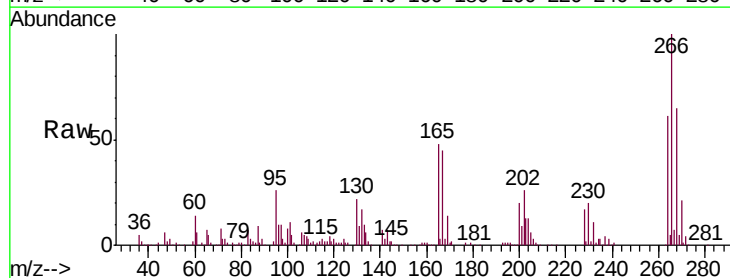


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

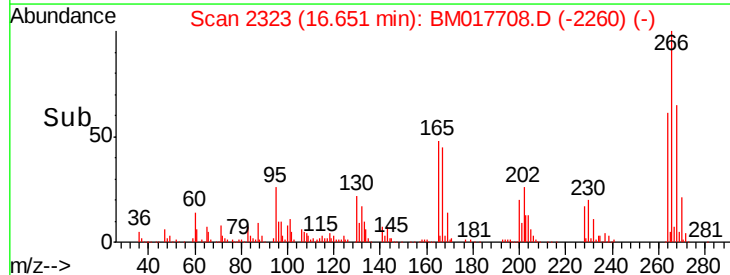
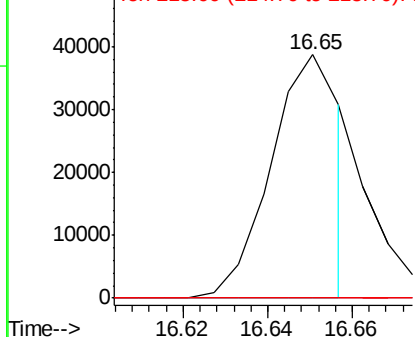


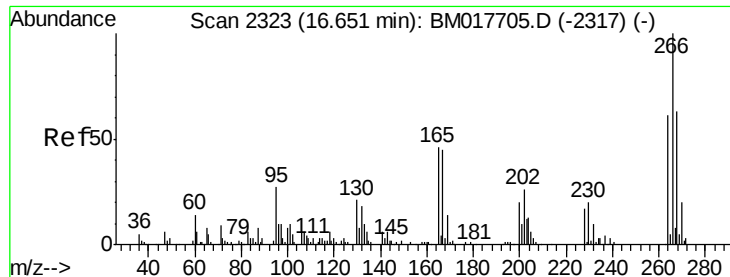
#67
Atrazine
Concen: 3.226 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. 0.17 min
Lab File: BM017708.D
Acq: 20 Nov 2018 17:47

Tgt Ion:200 Resp: 44169
Ion Ratio Lower Upper
200 100
173 0.0 21.0 31.6#
215 0.0 38.2 57.2#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

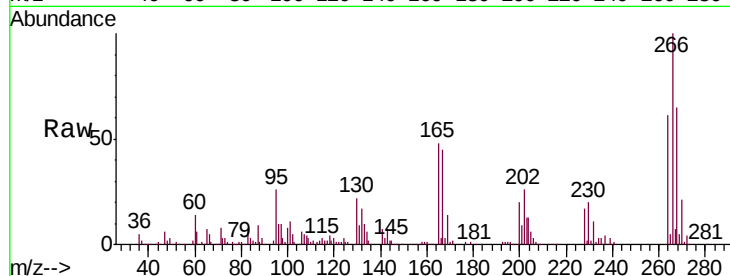




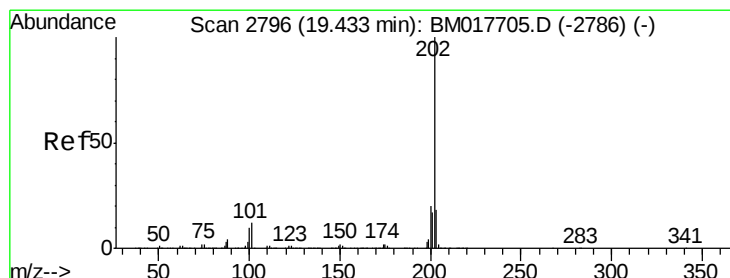
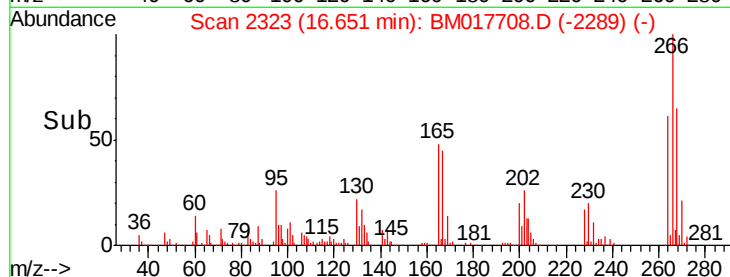
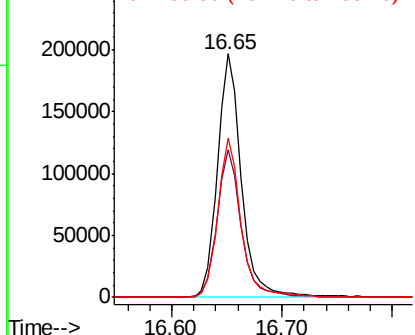
#68
 Pentachlorophenol
 Concen: 31.366 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM017708.D
 Acq: 20 Nov 2018 17:47

Instrument :
 BNA_M
 ClientSampleId :
 A40W4MS

Tgt Ion:266 Resp: 297203
 Ion Ratio Lower Upper
 266 100
 264 60.7 50.2 75.2
 268 65.2 49.8 74.8

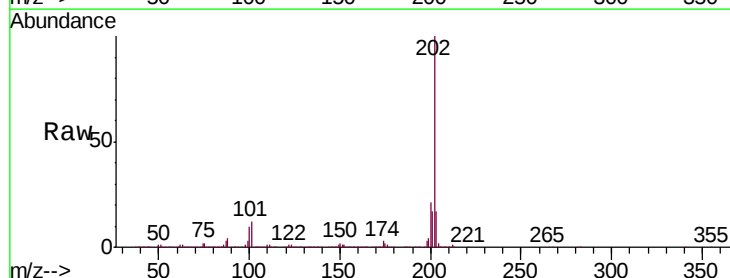


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 33.751 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. 0.00 min
 Lab File: BM017708.D
 Acq: 20 Nov 2018 17:47

Tgt Ion:202 Resp: 2825423
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.6 14.4
 100 10.0 7.9 11.9



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

