

Data File : BM017786.D
Acq On : 29 Nov 2018 00:09
Operator : JU/SJ
Sample : J5945-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOAO0MSD

Quant Time: Nov 29 00:59:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 29 00:55:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	205186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	903560	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	553746	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1274987	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1371761	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1256802	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	28353	6.32	ng/uL	0.00
5) Phenol-d5	6.77	99	591697	31.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	388930	34.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	493380	33.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	482007	31.48	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	253634	36.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	276757	34.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	487807	32.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	466437	35.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1682925	35.03	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2058326	35.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	257524	29.48	ng/ul	0.00
57) Fluorene-d10	15.23	176	1471773	35.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	265627	29.14	ng/ul	0.00
70) Anthracene-d10	17.09	188	2272684	35.80	ng/ul	0.00
78) Pyrene-d10	19.39	212	2568356	38.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2440521	35.80	ng/ul	0.00

Target Compounds

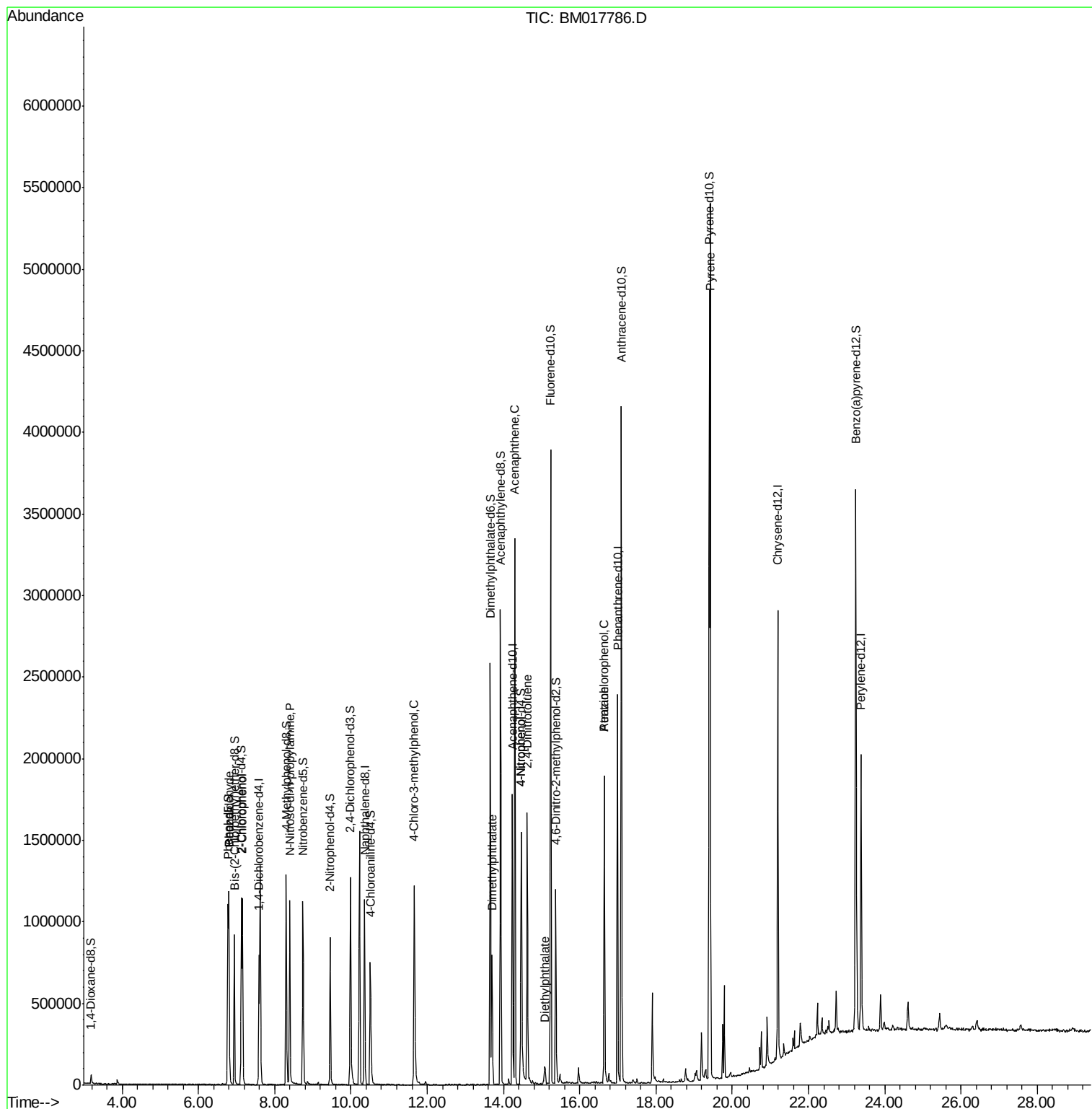
					Qvalue	
4) Benzaldehyde	6.80	77	7922	2.267	ng/ul#	5
6) Phenol	6.80	94	591608	31.628	ng/ul	99
10) 2-Chlorophenol	7.16	128	464163	31.685	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	425374	34.173	ng/ul	99
33) 4-Chloro-3-methylphenol	11.66	107	530725	32.692	ng/ul	98
44) Dimethylphthalate	13.70	163	482749	10.371	ng/ul	100
49) Acenaphthene	14.30	153	1298916	33.188	ng/ul	99
52) 4-Nitrophenol	14.47	109	224508	31.247	ng/ul	91
54) 2,4-Dinitrotoluene	14.63	165	466686	33.697	ng/ul	88
56) Diethylphthalate	15.08	149	52698	1.099	ng/ul	98
67) Atrazine	16.64	200	53725	3.690	ng/ul#	36
68) Pentachlorophenol	16.64	266	319507	31.713	ng/ul	99
79) Pyrene	19.42	202	3074563	36.922	ng/ul	98

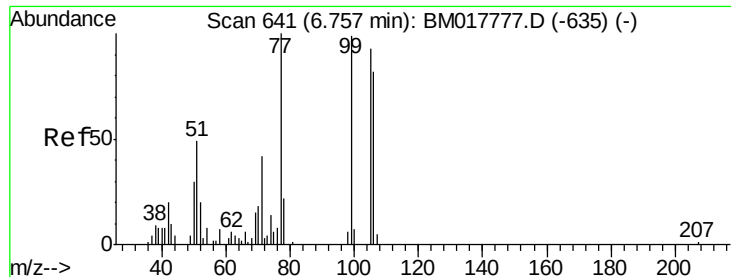
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM017786.D
Acq On : 29 Nov 2018 00:09
Operator : JU/SJ
Sample : J5945-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOA0MSD

Quant Time: Nov 29 00:59:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 29 00:55:29 2018
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.267 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.05 min

Lab File: BM017786.D

Acq: 29 Nov 2018 00:09

Instrument :

BNA_M

ClientSampleId :

ETOAMSD

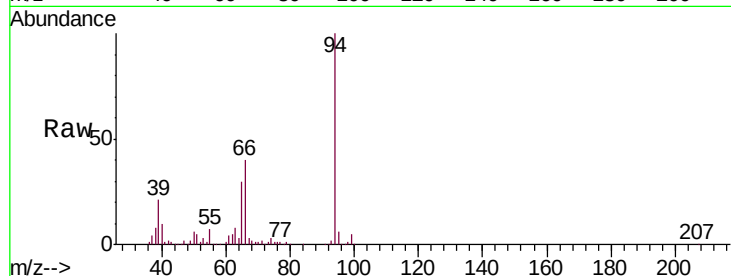
Tgt Ion: 77 Resp: 7922

Ion Ratio Lower Upper

77 100

105 0.0 74.4 111.6#

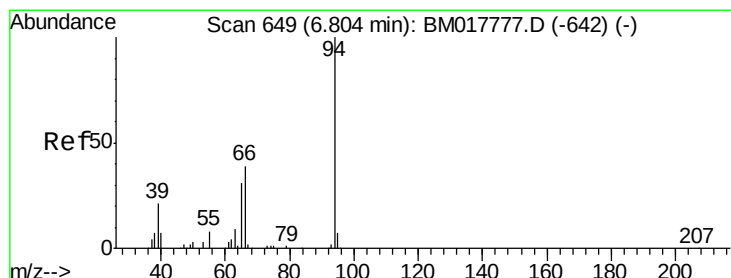
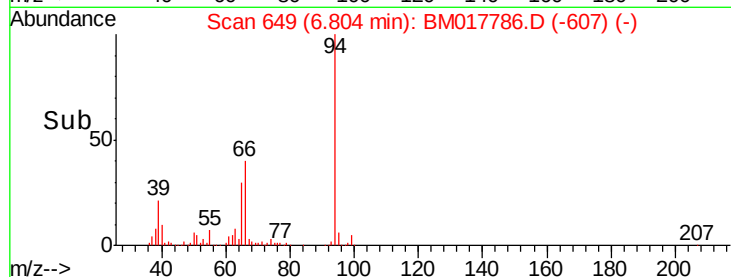
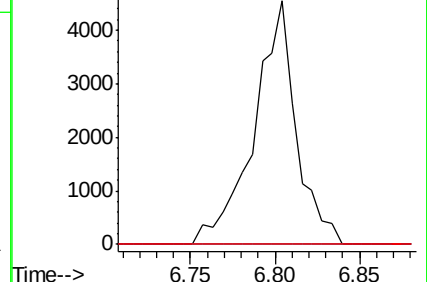
106 0.0 67.4 101.2#



Abundance Ion 77.00 (76.70 to 77.70): BM017777.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM017777.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM017777.D (-635) (-)



#6

Phenol

Concen: 31.628 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017786.D

Acq: 29 Nov 2018 00:09

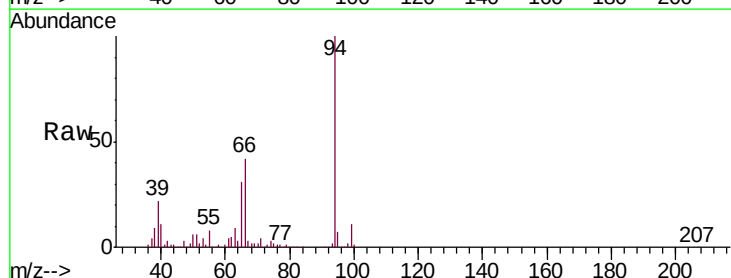
Tgt Ion: 94 Resp: 591608

Ion Ratio Lower Upper

94 100

65 30.8 24.7 37.1

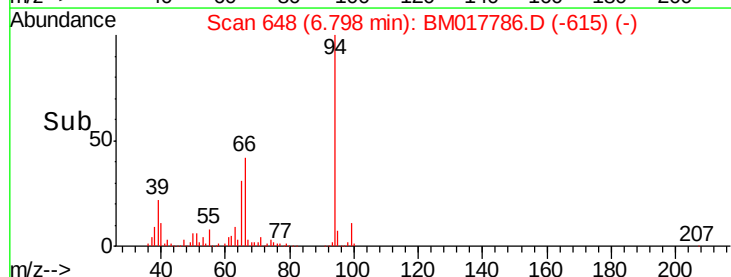
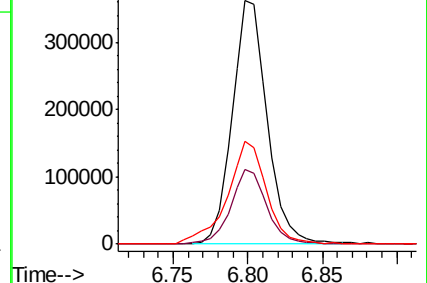
66 42.5 34.6 51.8

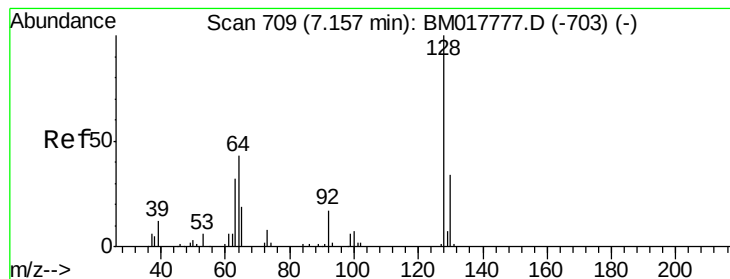


Abundance Ion 94.00 (93.70 to 94.70): BM017777.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM017777.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM017777.D (-642) (-)





#10

2-Chlorophenol

Concen: 31.685 ng/ul

RT: 7.16 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM017786.D

Acq: 29 Nov 2018 00:09

Instrument :

BNA_M

ClientSampleId :

ETOA0MSD

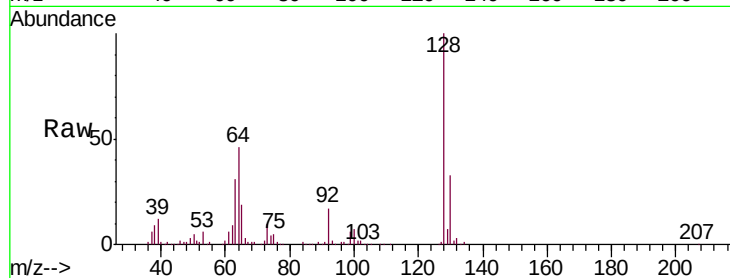
Tgt Ion:128 Resp: 464163

Ion Ratio Lower Upper

128 100

64 45.7 36.8 55.2

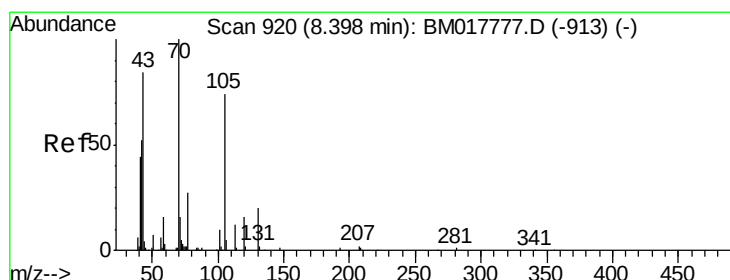
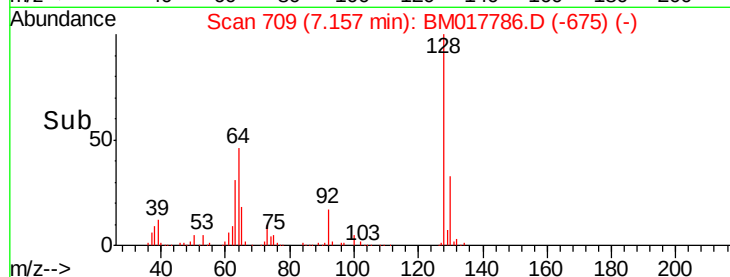
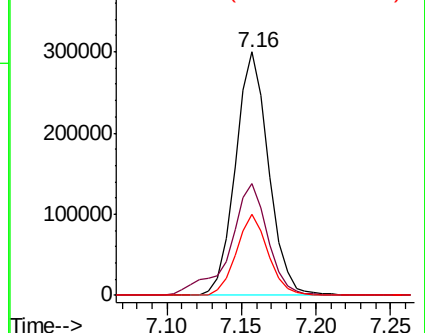
130 33.2 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 34.173 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. -0.00 min

Lab File: BM017786.D

Acq: 29 Nov 2018 00:09

Tgt Ion: 70 Resp: 425374

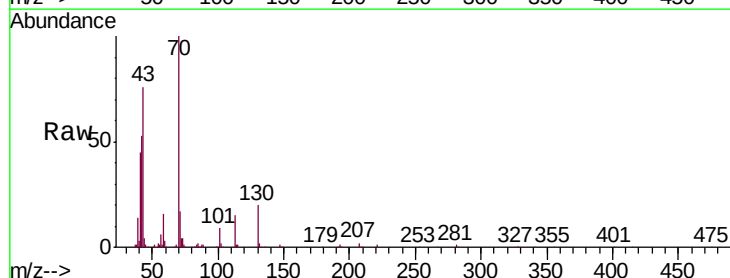
Ion Ratio Lower Upper

70 100

42 52.8 42.7 64.1

101 9.0 7.6 11.4

130 20.4 16.7 25.1

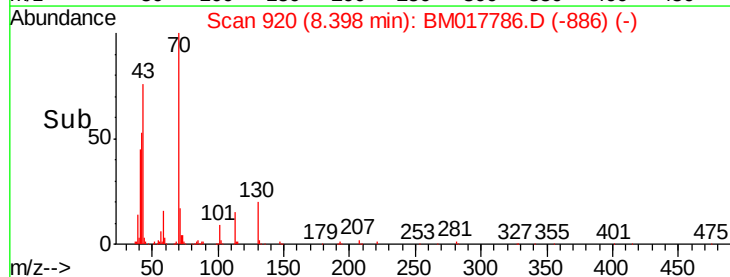
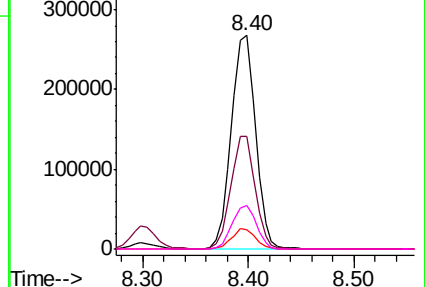


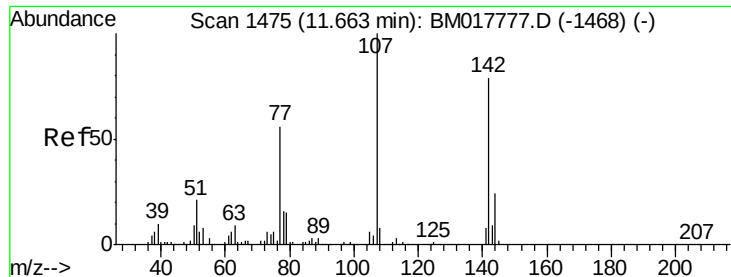
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

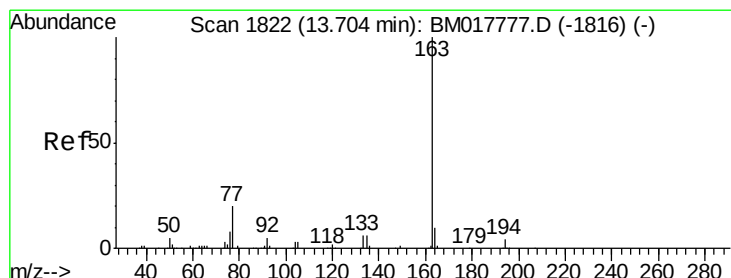
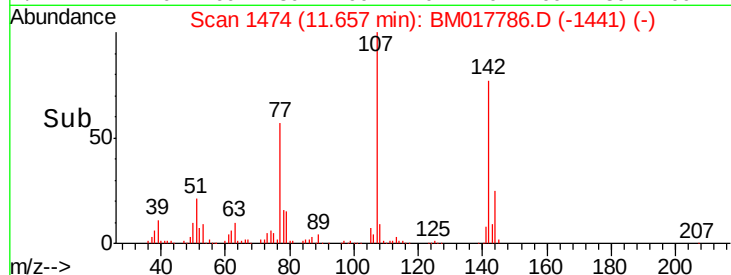
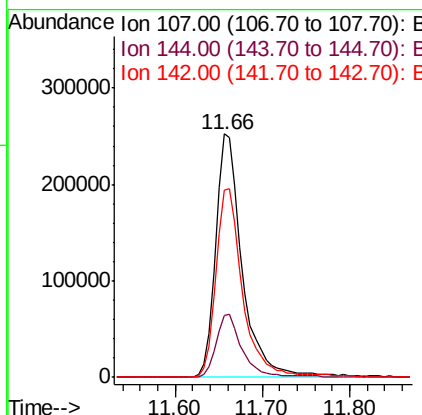
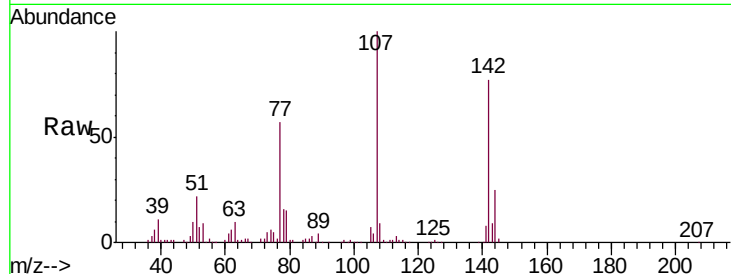




#33
 4-Chloro-3-methylphenol
 Concen: 32.692 ng/ul
 RT: 11.66 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BM017786.D
 Acq: 29 Nov 2018 00:09

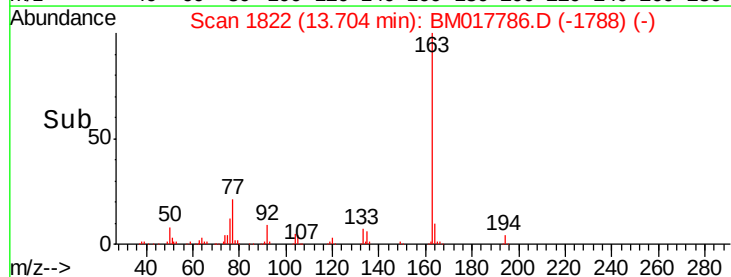
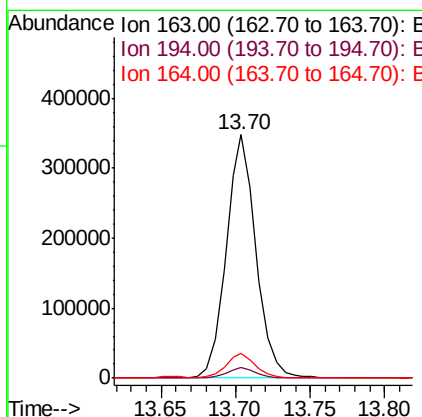
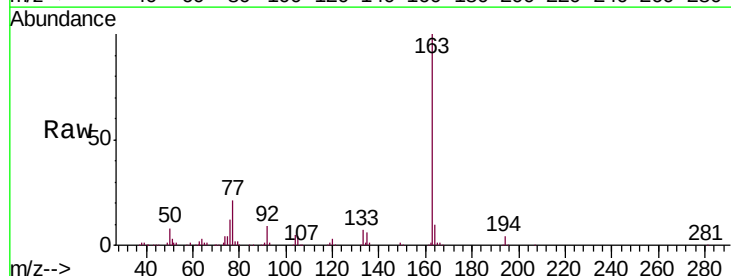
Instrument :
 BNA_M
 ClientSampleId :
 ETOA0MSD

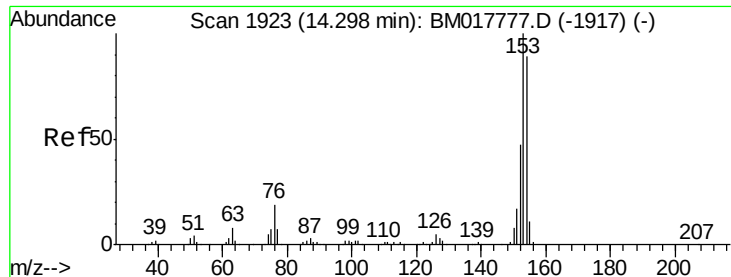
Tgt Ion:107 Resp: 530725
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.1 31.7
 142 77.1 63.0 94.6



#44
 Dimethylphthalate
 Concen: 10.371 ng/ul
 RT: 13.70 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BM017786.D
 Acq: 29 Nov 2018 00:09

Tgt Ion:163 Resp: 482749
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.0
 164 10.0 8.1 12.1





#49

Acenaphthene

Concen: 33.188 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM017786.D

Acq: 29 Nov 2018 00:09

Instrument :

BNA_M

ClientSampleId :

ETOAMSD

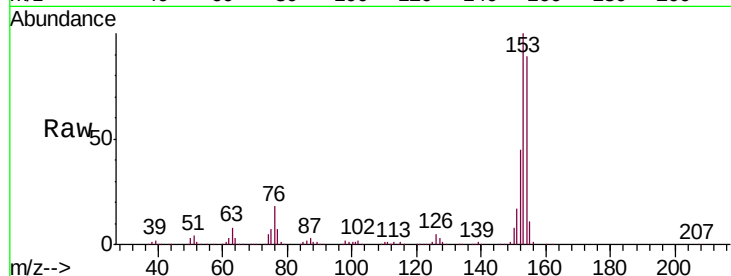
Tgt Ion:153 Resp: 1298916

Ion Ratio Lower Upper

153 100

152 45.3 37.0 55.6

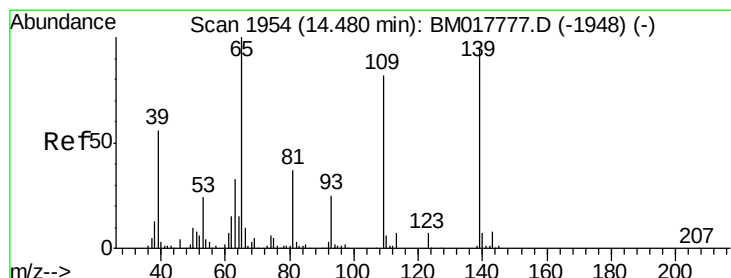
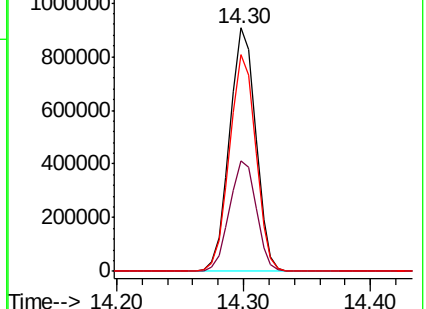
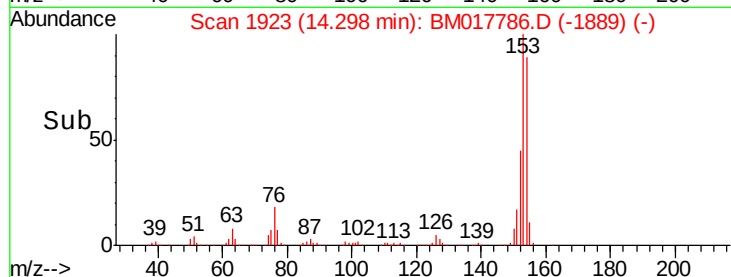
154 89.0 70.6 106.0



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: 31.247 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM017786.D

Acq: 29 Nov 2018 00:09

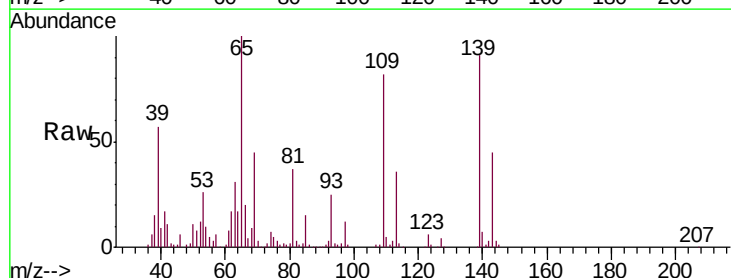
Tgt Ion:109 Resp: 224508

Ion Ratio Lower Upper

109 100

139 110.7 97.4 146.0

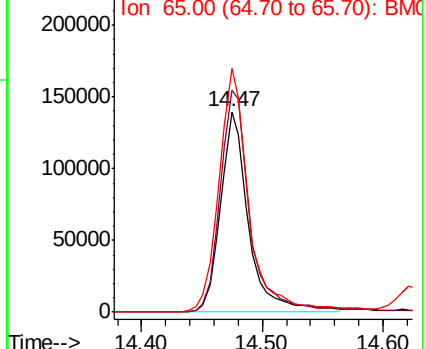
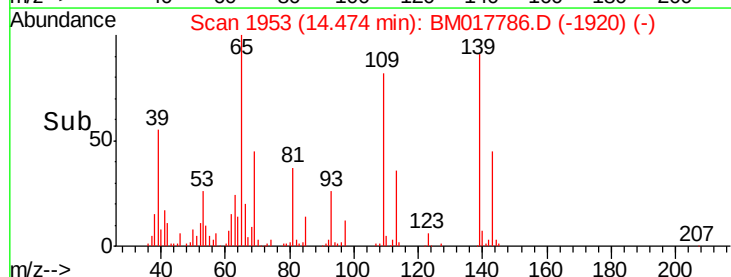
65 121.6 104.5 156.7

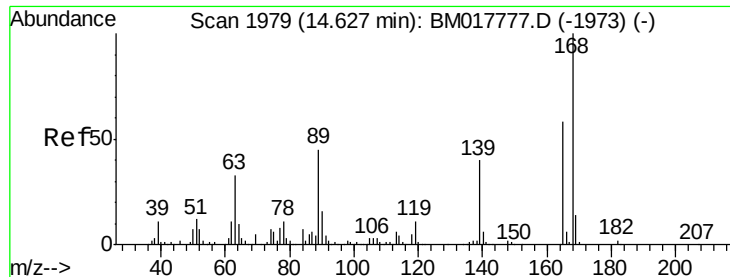


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

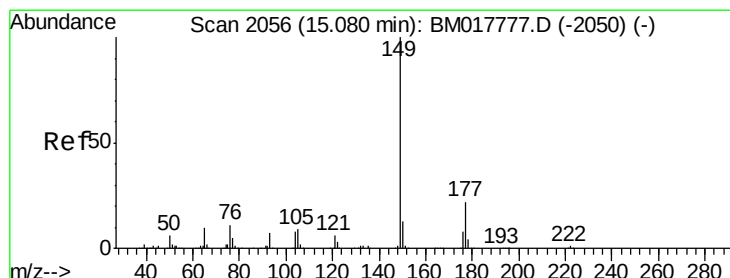
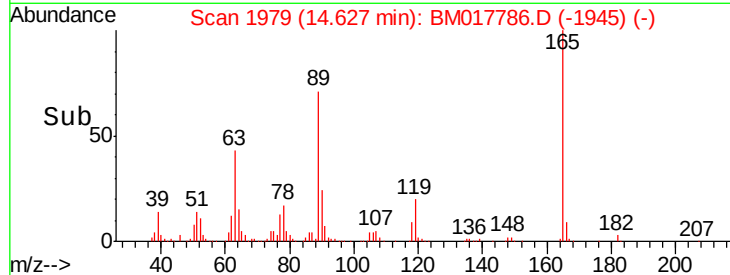
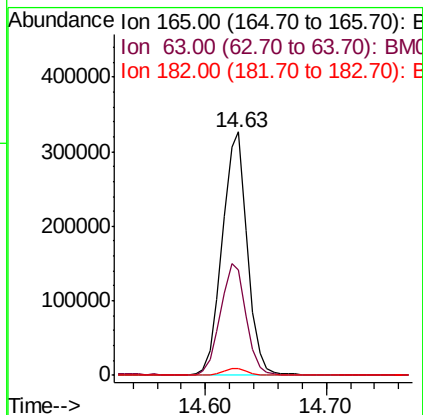
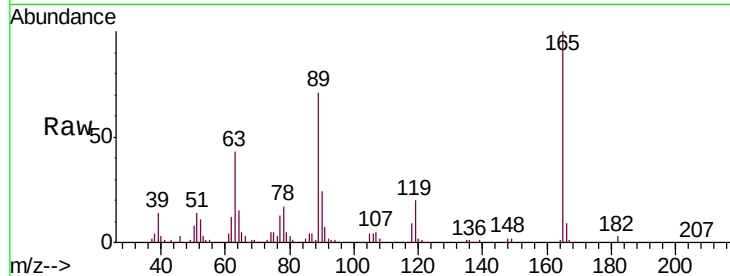




#54
 2,4-Dinitrotoluene
 Concen: 33.697 ng/ul
 RT: 14.63 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BM017786.D
 Acq: 29 Nov 2018 00:09

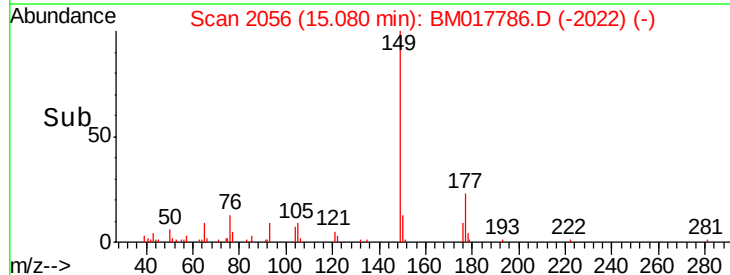
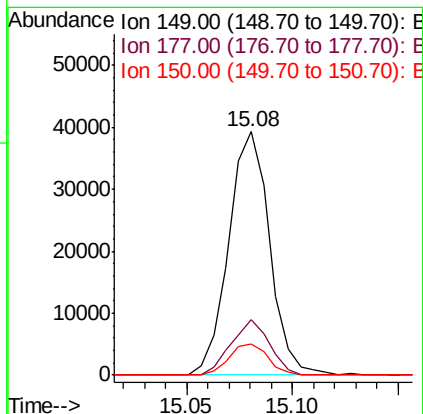
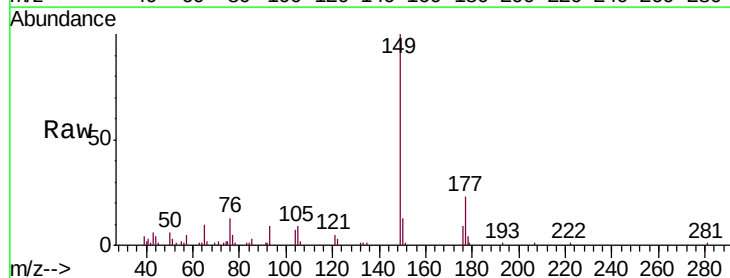
Instrument :
 BNA_M
 ClientSampleId :
 ETOA0MSD

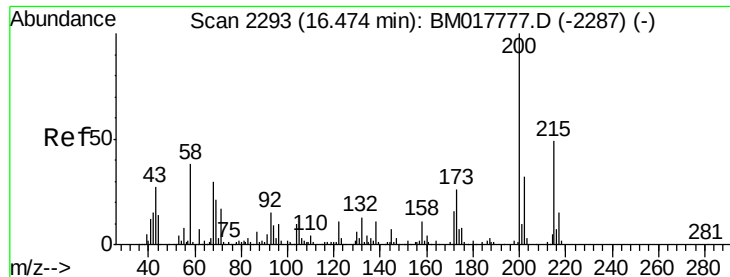
Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.1	41.8	62.8
182	2.9	2.2	3.2



#56
 Diethylphthalate
 Concen: 1.099 ng/ul
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM017786.D
 Acq: 29 Nov 2018 00:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.0	25.6
150	13.0	10.0	15.0

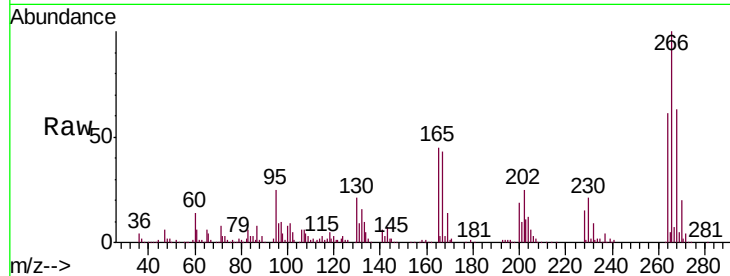




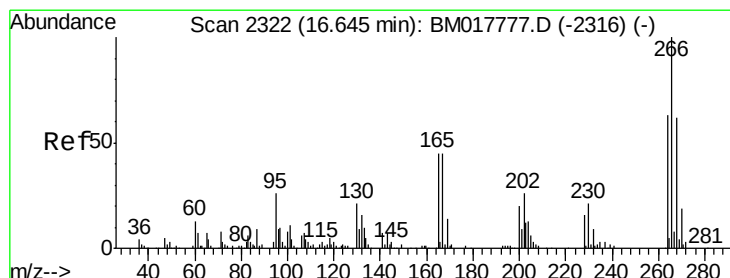
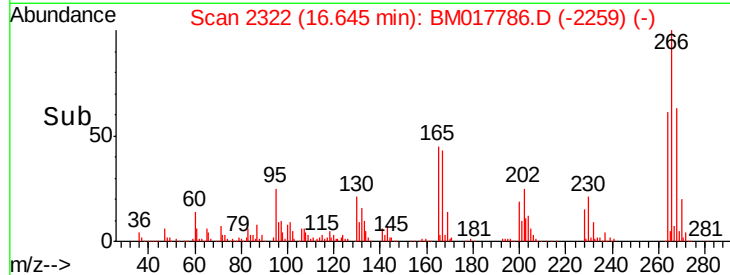
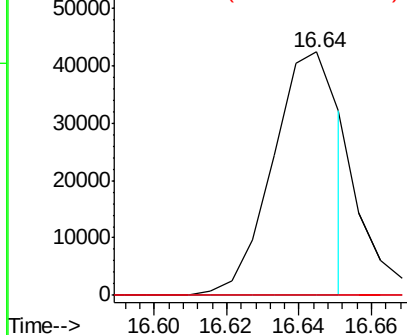
#67
Atrazine
Concen: 3.690 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.17 min
Lab File: BM017786.D
Acq: 29 Nov 2018 00:09

Instrument :
BNA_M
ClientSampleId :
ETOAO0MSD

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

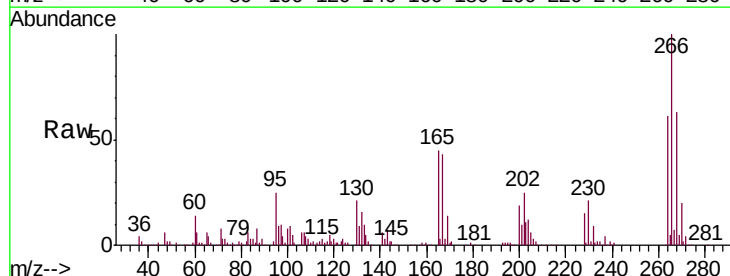


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

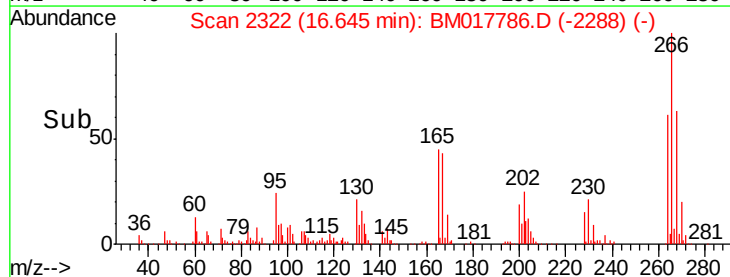
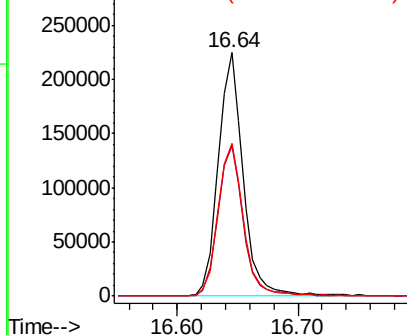


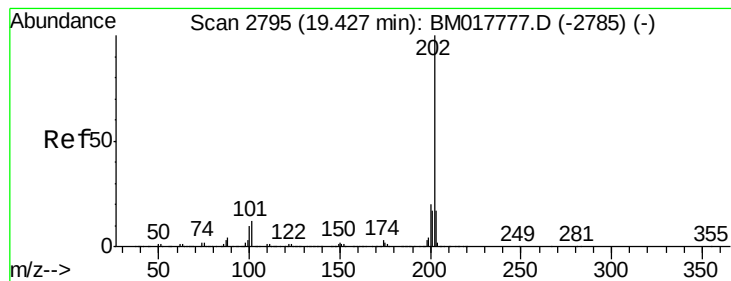
#68
Pentachlorophenol
Concen: 31.713 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM017786.D
Acq: 29 Nov 2018 00:09

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.5	50.2	75.2
268	62.5	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: 36.922 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM017786.D

Acq: 29 Nov 2018 00:09

Instrument :

BNA_M

ClientSampleId :

ETOA0MSD

Tgt Ion:202 Resp: 3074563

Ion Ratio Lower Upper

202 100

101 12.6 9.6 14.4

100 11.2 7.9 11.9

