

Data File : BM017785.D
Acq On : 28 Nov 2018 23:33
Operator : JU/SJ
Sample : J5945-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOAO0MS

Quant Time: Nov 29 00:59:25 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	193120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	853453	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	520626	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1219481	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1356307	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1296327	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	29091	6.89	ng/uL	0.00
5) Phenol-d5	6.77	99	632939	35.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	409626	38.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	517797	37.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	525697	36.48	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	270860	41.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	309400	41.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	548182	38.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	727803	59.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1900658	42.07	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	2281899	41.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	307206	37.40	ng/ul	0.00
57) Fluorene-d10	15.24	176	1630790	41.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	305824	35.08	ng/ul	0.00
70) Anthracene-d10	17.09	188	2525846	41.60	ng/ul	0.00
78) Pyrene-d10	19.40	212	2907827	44.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	3018554	42.93	ng/ul	0.00

Target Compounds

					Qvalue	
4) Benzaldehyde	6.80	77	8195	2.492	ng/ul#	5
6) Phenol	6.80	94	624795	35.489	ng/ul	99
10) 2-Chlorophenol	7.16	128	480307	34.835	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	472825	40.359	ng/ul	98
21) Isophorone	9.46	82	31203	1.019	ng/ul#	71
33) 4-Chloro-3-methylphenol	11.66	107	564850	36.837	ng/ul	95
44) Dimethylphthalate	13.70	163	499806	11.420	ng/ul	99
49) Acenaphthene	14.30	153	1435665	39.015	ng/ul	99
52) 4-Nitrophenol	14.48	109	263760	39.045	ng/ul	94
54) 2,4-Dinitrotoluene	14.63	165	524436	40.276	ng/ul	88
56) Diethylphthalate	15.08	149	59483	1.319	ng/ul	99
67) Atrazine	16.64	200	59808	4.295	ng/ul#	36
68) Pentachlorophenol	16.64	266	363844	37.757	ng/ul	97
76) Fluoranthene	19.06	202	82353	1.004	ng/ul	98
79) Pyrene	19.43	202	3552492	43.147	ng/ul	99

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

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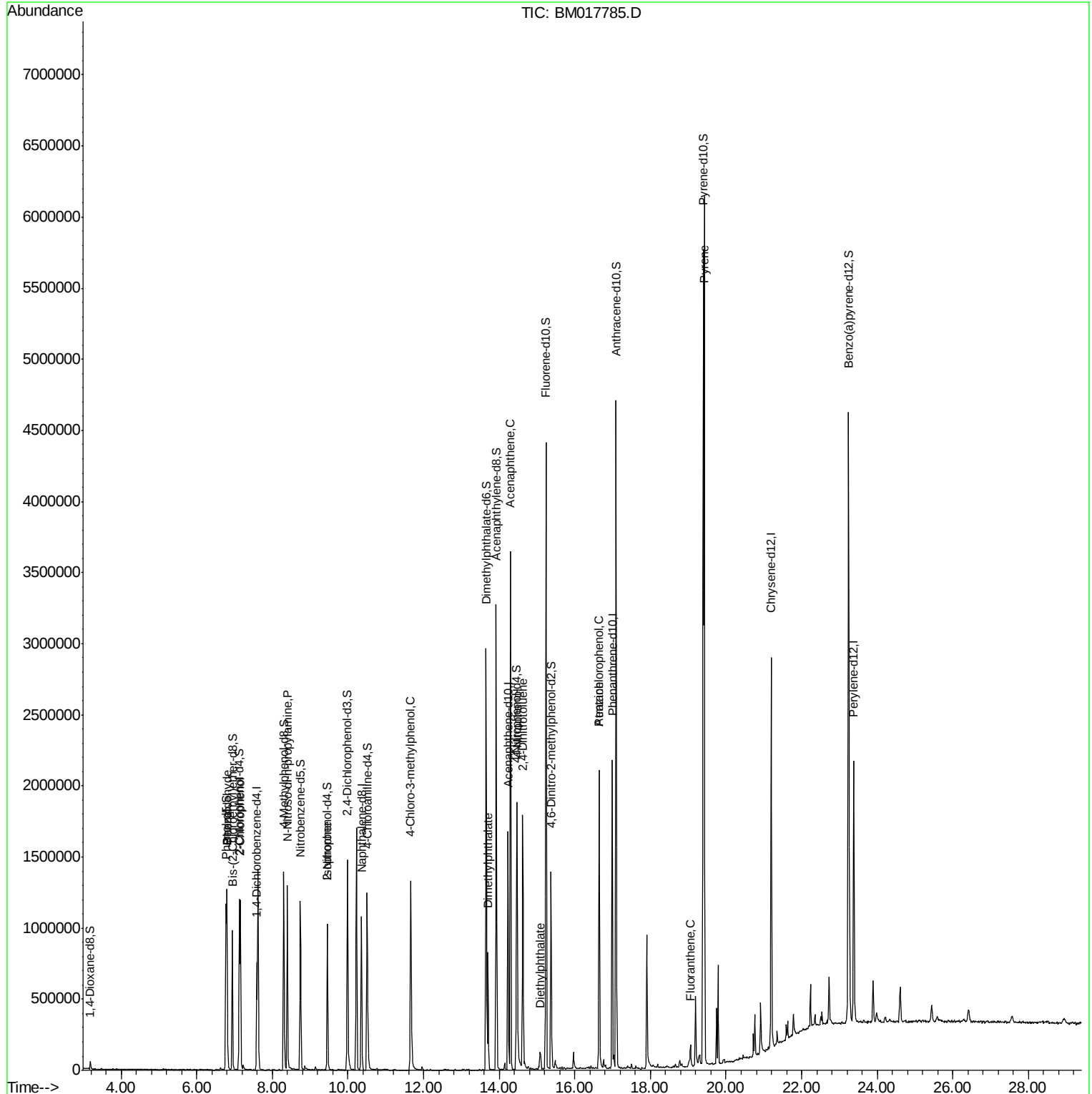
Quant Time: Nov 29 00:59:25 2018

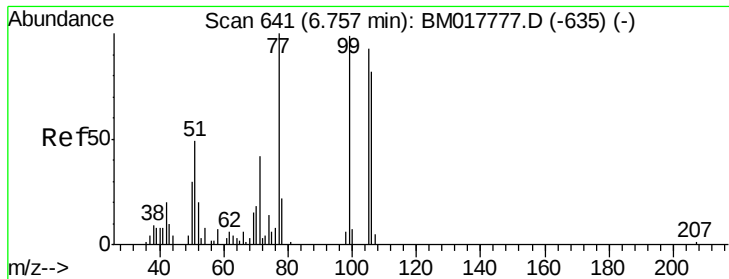
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Nov 29 00:55:29 2018

Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.492 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.04 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

Instrument :

BNA_M

ClientSampleId :

ETOA0MS

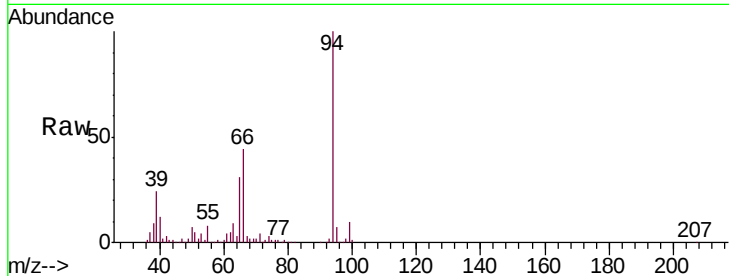
Tgt Ion: 77 Resp: 8195

Ion Ratio Lower Upper

77 100

105 0.0 74.4 111.6#

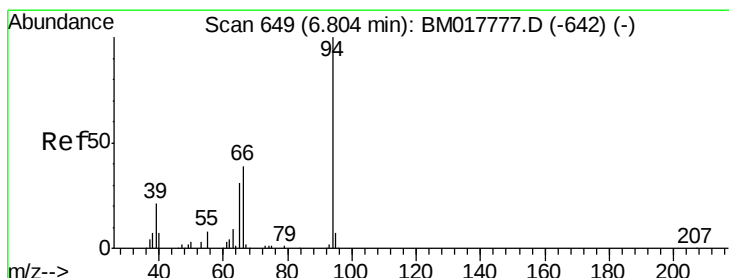
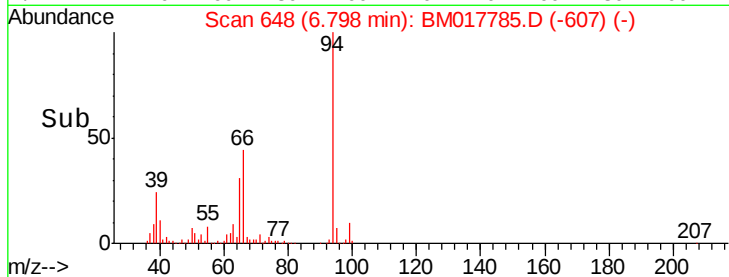
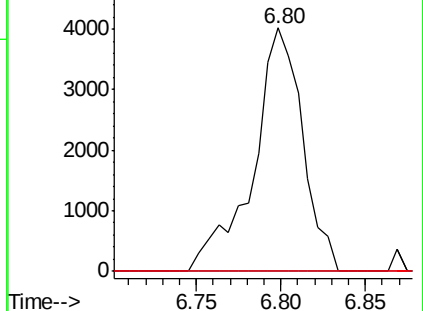
106 0.0 67.4 101.2#



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: 35.489 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

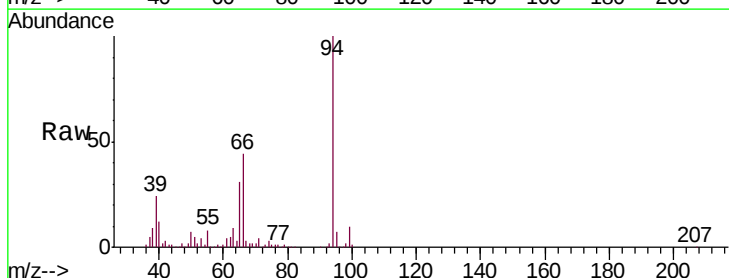
Tgt Ion: 94 Resp: 624795

Ion Ratio Lower Upper

94 100

65 31.4 24.7 37.1

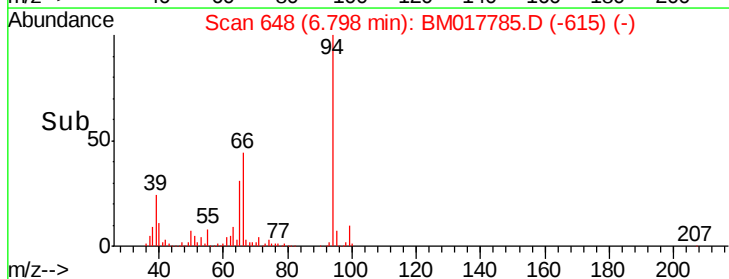
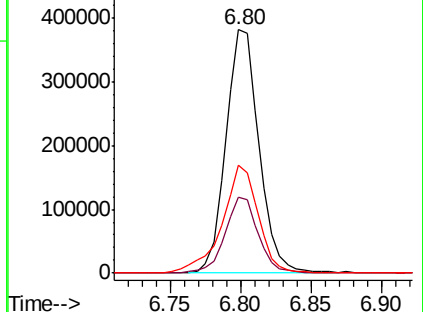
66 44.2 34.6 51.8

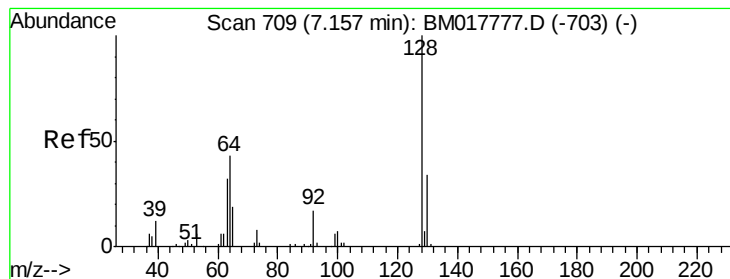


Abundance Ion 94.00 (93.70 to 94.70): BM017777.D (-642) (-)

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: 34.835 ng/ul

RT: 7.16 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

Instrument :

BNA_M

ClientSampleId :

ETOAMS

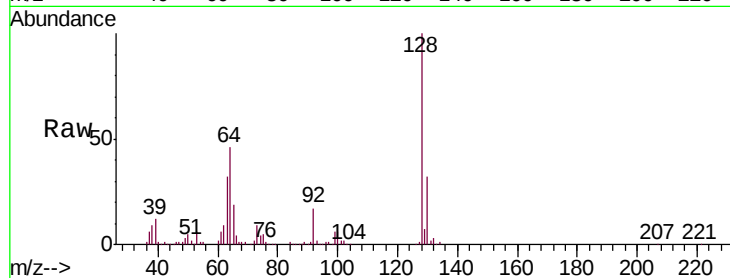
Tgt Ion:128 Resp: 480307

Ion Ratio Lower Upper

128 100

64 46.2 36.8 55.2

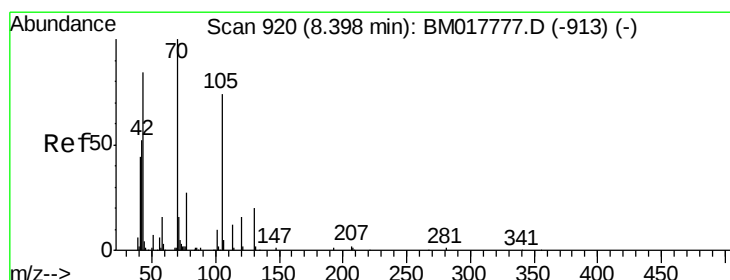
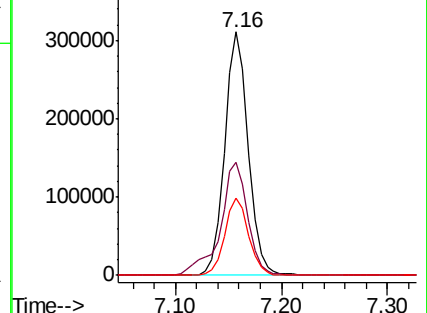
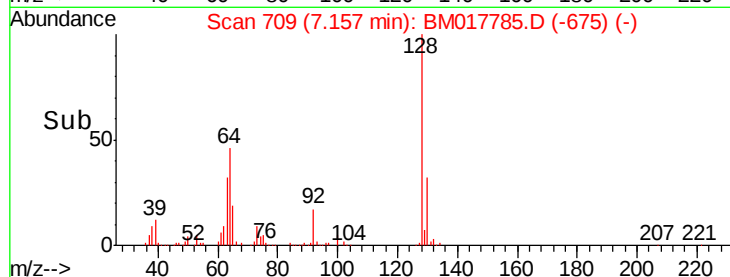
130 31.7 25.0 37.4



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: 40.359 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. -0.00 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

Tgt Ion: 70 Resp: 472825

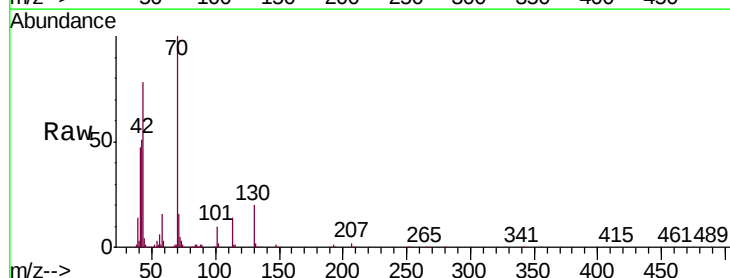
Ion Ratio Lower Upper

70 100

42 51.3 42.7 64.1

101 9.8 7.6 11.4

130 20.3 16.7 25.1

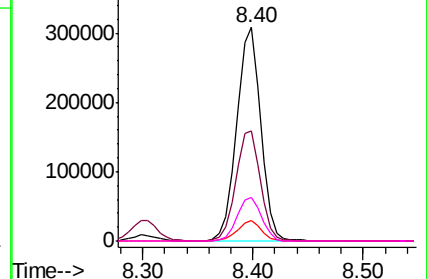
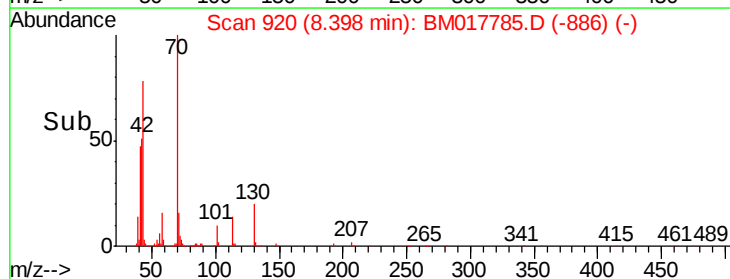


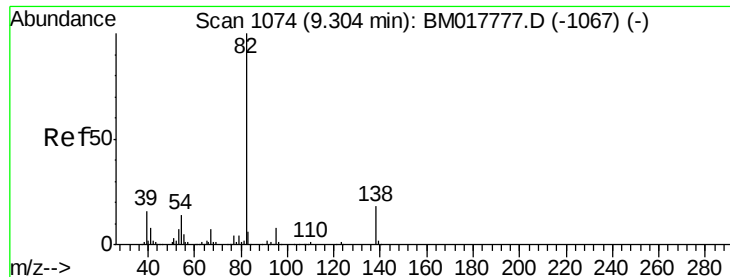
Abundance Ion 70.00 (69.70 to 70.70): BM

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





#21

Isophorone

Concen: 1.019 ng/ul

RT: 9.46 min Scan# 1100

Delta R.T. 0.15 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

Instrument :

BNA_M

ClientSampleId :

ETOA0MS

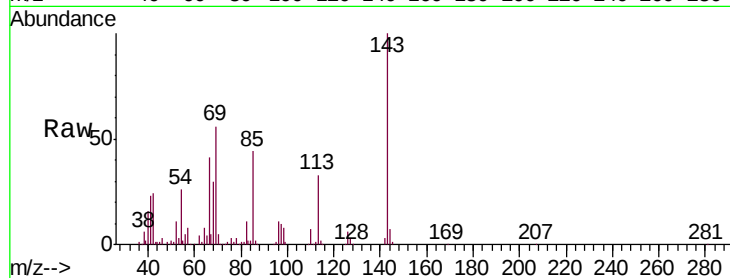
Tgt Ion: 82 Resp: 31203

Ion Ratio Lower Upper

82 100

95 6.4 6.1 9.1

138 0.0 14.2 21.2#

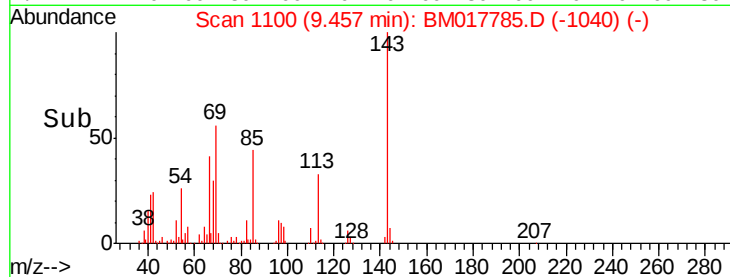


Abundance Ion 82.00 (81.70 to 82.70): BM017777.D (-1067) (-)

Ion 95.00 (94.70 to 95.70): BM017777.D (-1067) (-)

Ion 138.00 (137.70 to 138.70): BM017777.D (-1067) (-)

Time-->



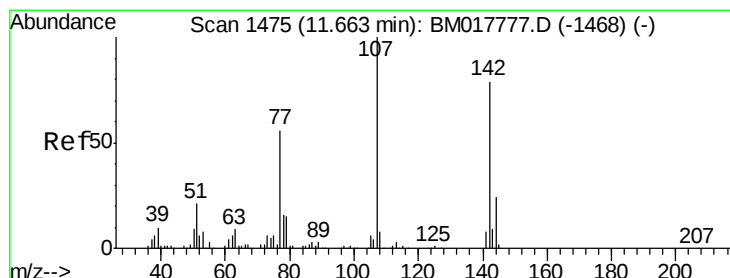
Abundance

Ion 82.00 (81.70 to 82.70): BM017777.D (-1067) (-)

Ion 95.00 (94.70 to 95.70): BM017777.D (-1067) (-)

Ion 138.00 (137.70 to 138.70): BM017777.D (-1067) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 36.837 ng/ul

RT: 11.66 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

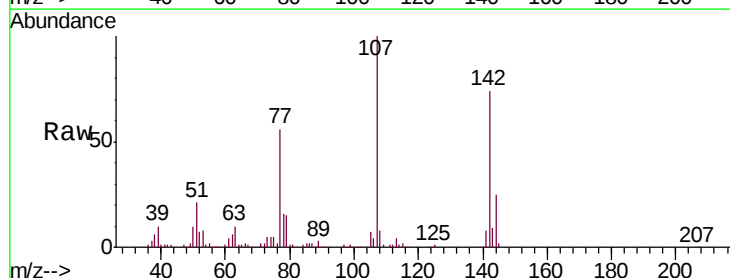
Tgt Ion: 107 Resp: 564850

Ion Ratio Lower Upper

107 100

144 24.7 21.1 31.7

142 74.2 63.0 94.6

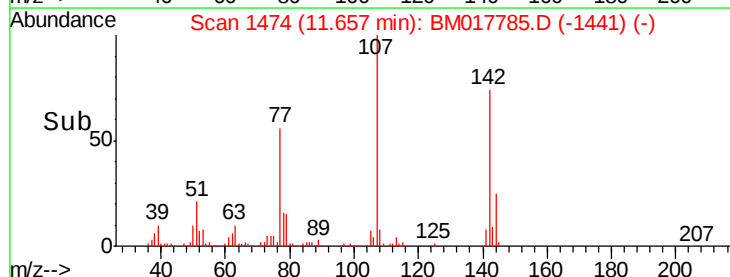


Abundance Ion 107.00 (106.70 to 107.70): BM017777.D (-1468) (-)

Ion 144.00 (143.70 to 144.70): BM017777.D (-1468) (-)

Ion 142.00 (141.70 to 142.70): BM017777.D (-1468) (-)

Time-->



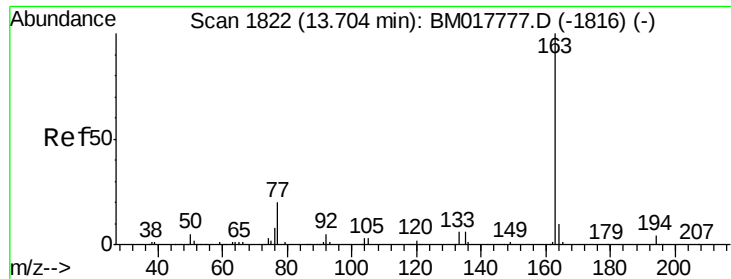
Abundance

Ion 107.00 (106.70 to 107.70): BM017777.D (-1468) (-)

Ion 144.00 (143.70 to 144.70): BM017777.D (-1468) (-)

Ion 142.00 (141.70 to 142.70): BM017777.D (-1468) (-)

Time-->



#44

Dimethylphthalate

Concen: 11.420 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

Instrument :

BNA_M

ClientSampleId :

ETOA0MS

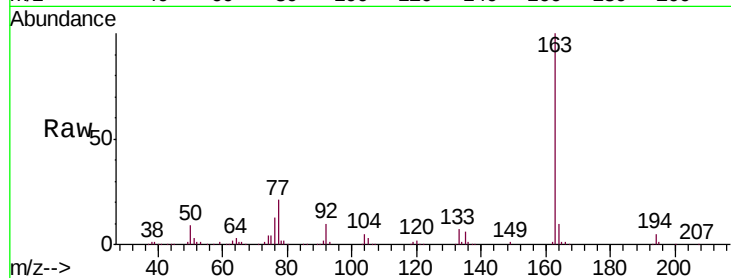
Tgt Ion:163 Resp: 499806

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

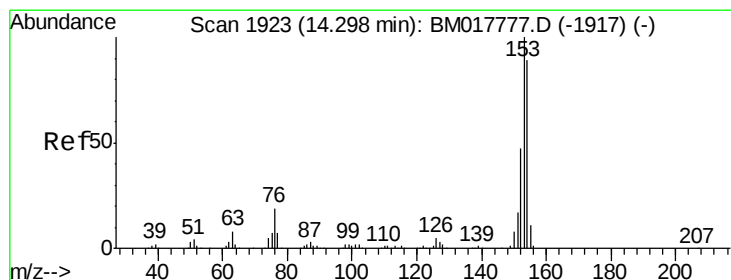
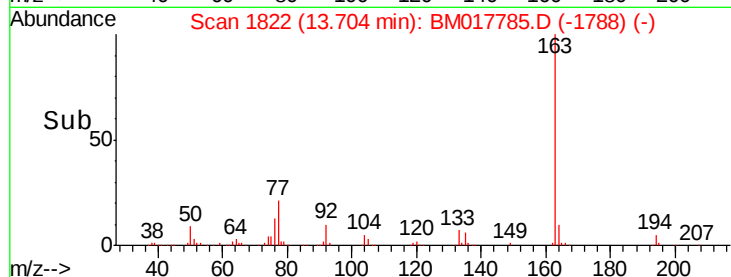
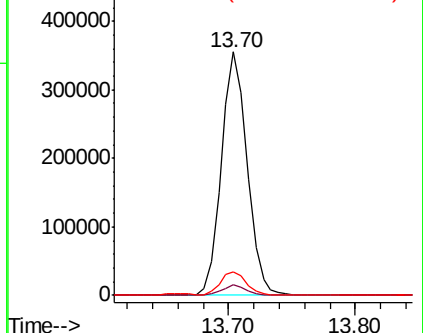
164 9.9 8.1 12.1



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



#49

Acenaphthene

Concen: 39.015 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

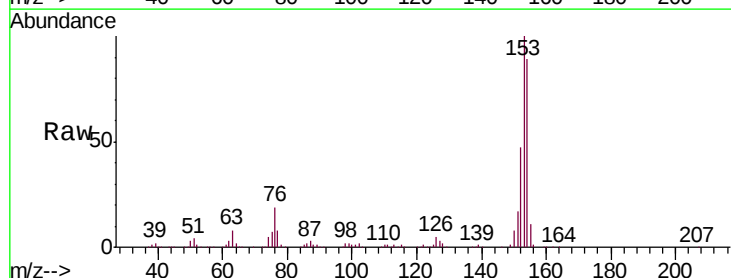
Tgt Ion:153 Resp: 1435665

Ion Ratio Lower Upper

153 100

152 46.9 37.0 55.6

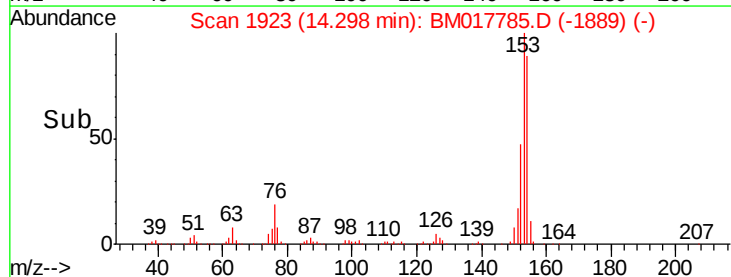
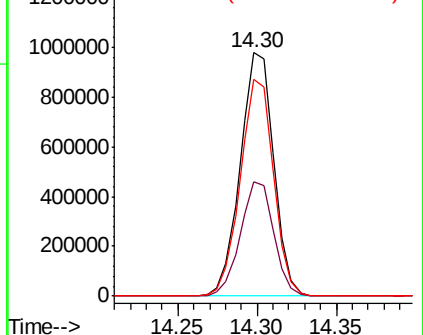
154 89.0 70.6 106.0

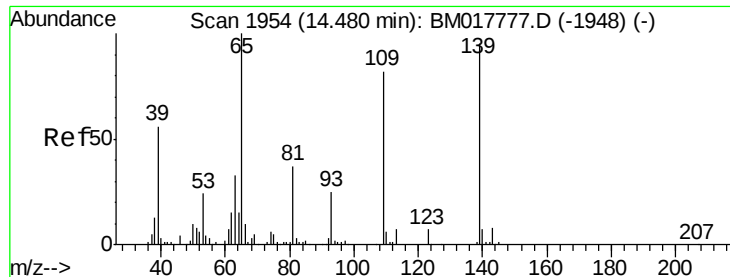


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 39.045 ng/ul

RT: 14.48 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

Instrument :

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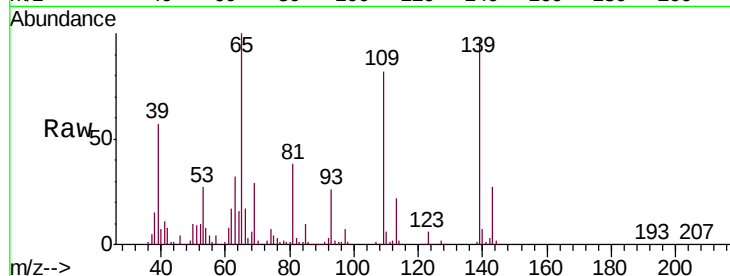
Tgt Ion:109 Resp: 263760

Ion Ratio Lower Upper

109 100

139 117.1 97.4 146.0

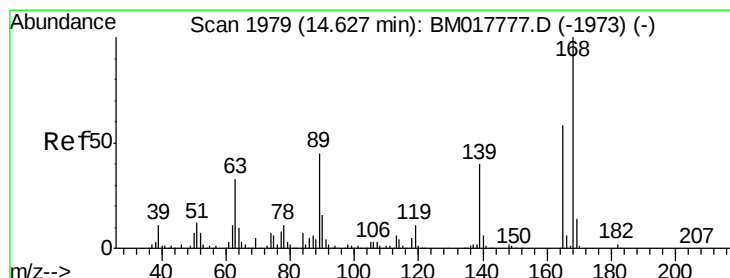
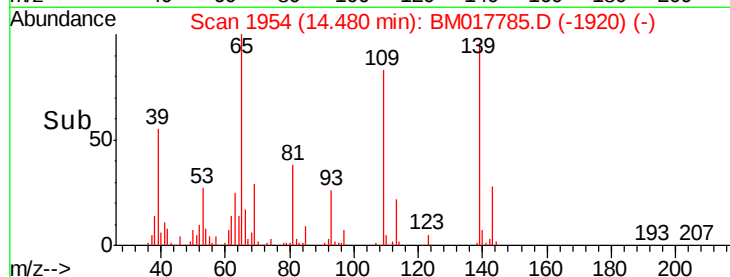
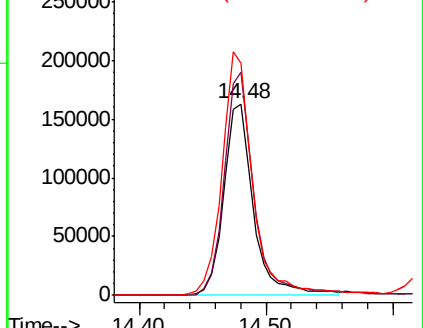
65 121.3 104.5 156.7



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: 40.276 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

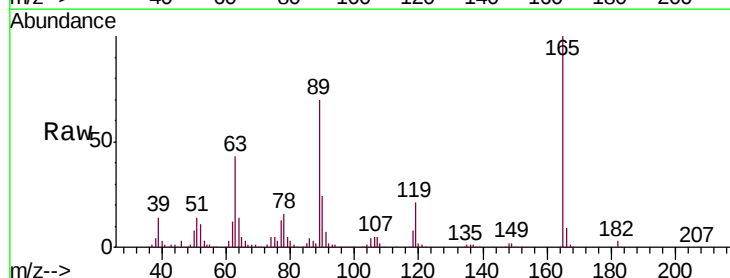
Tgt Ion:165 Resp: 524436

Ion Ratio Lower Upper

165 100

63 43.1 41.8 62.8

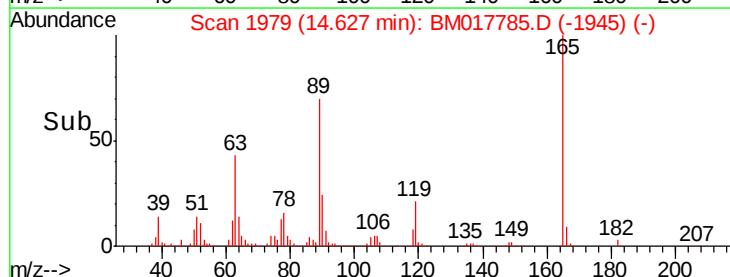
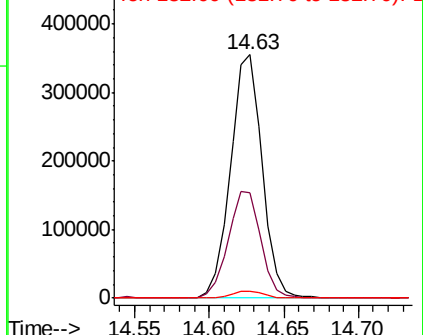
182 3.0 2.2 3.2

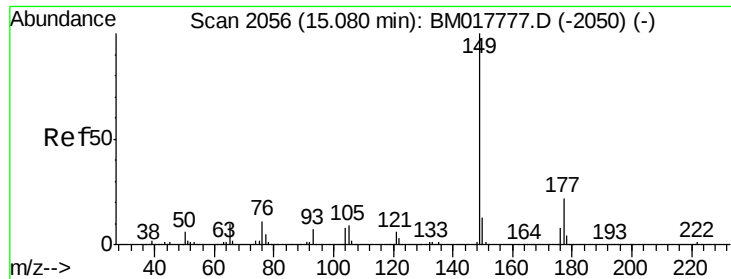


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 1.319 ng/ul

RT: 15.08 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

Instrument :

BNA_M

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ETOAO0MS

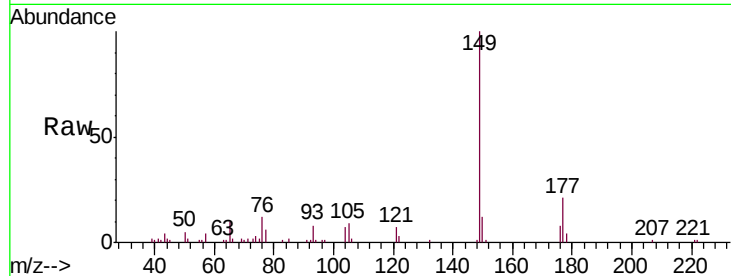
Tgt Ion:149 Resp: 59483

Ion Ratio Lower Upper

149 100

177 21.0 17.0 25.6

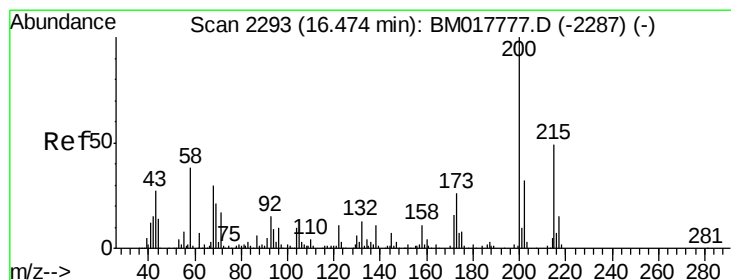
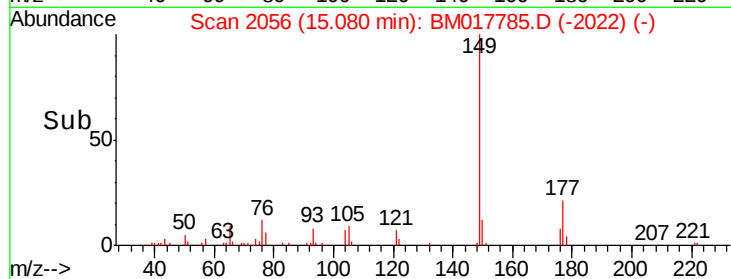
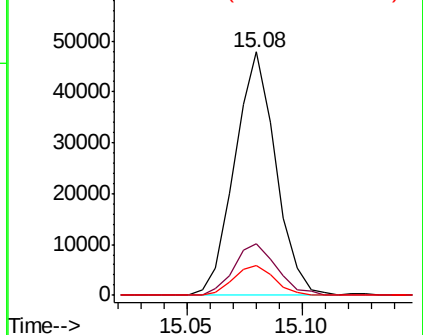
150 12.1 10.0 15.0



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: 4.295 ng/ul

RT: 16.64 min Scan# 2322

Delta R.T. 0.17 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

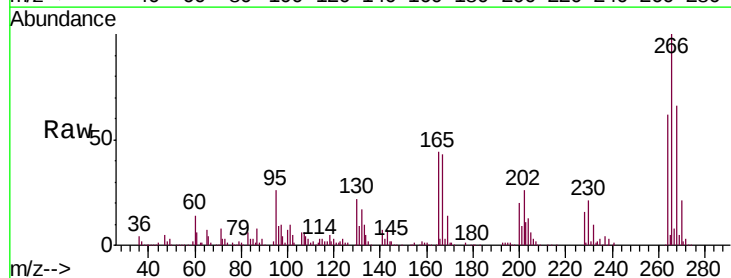
Tgt Ion:200 Resp: 59808

Ion Ratio Lower Upper

200 100

173 0.0 21.0 31.6#

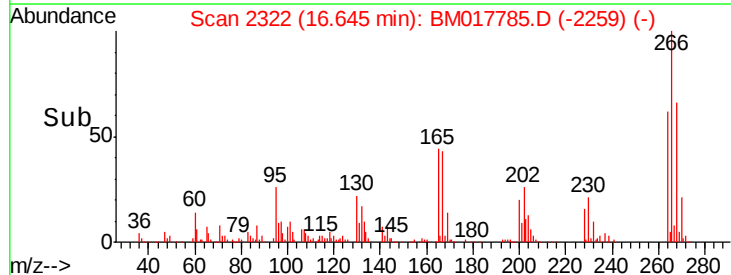
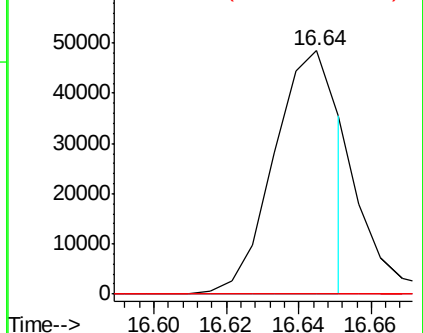
215 0.0 38.2 57.2#

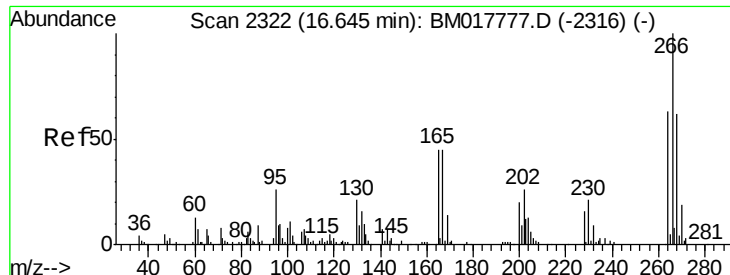


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

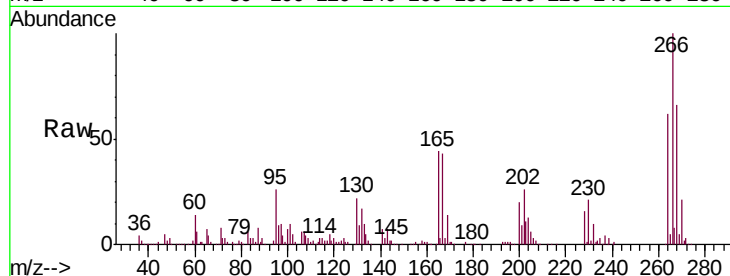




#68
 Pentachlorophenol
 Concen: 37.757 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM017785.D
 Acq: 28 Nov 2018 23:33

Instrument :
 BNA_M
 ClientSampleId :
 ETOA0MS

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.6	50.2	75.2
268	65.5	49.8	74.8

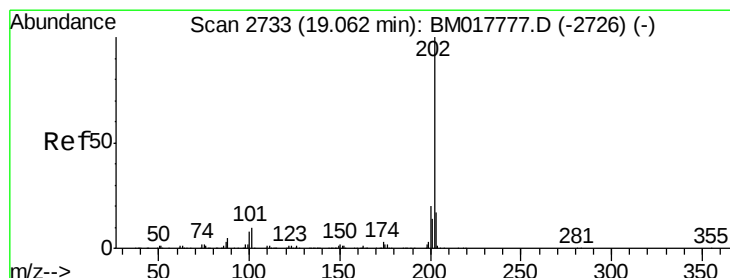
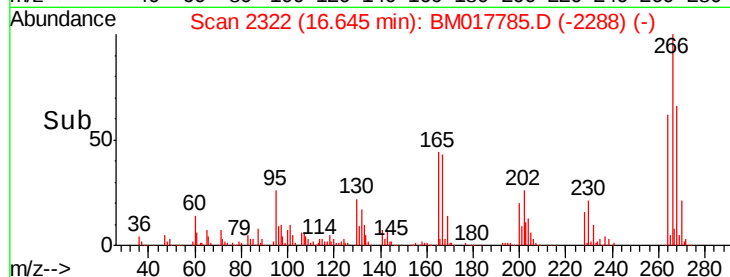
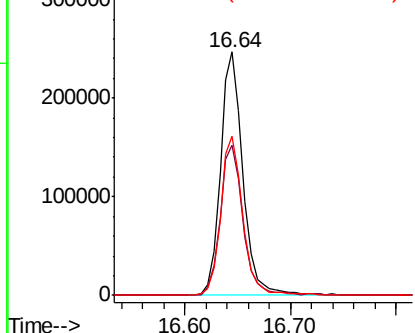


Abundance

Ion 265.70 (265.40 to 266.40): E

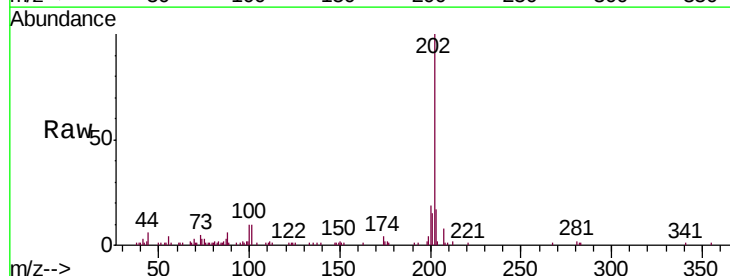
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#76
 Fluoranthene
 Concen: 1.004 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BM017785.D
 Acq: 28 Nov 2018 23:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
100	9.5	6.6	9.8

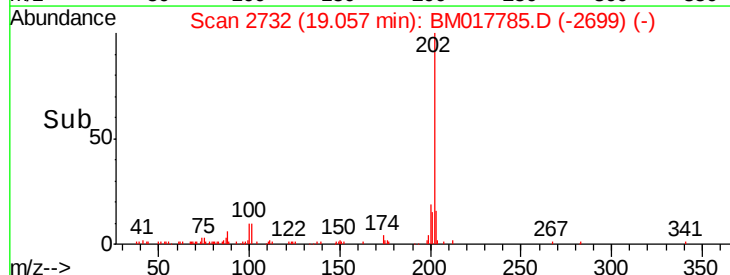
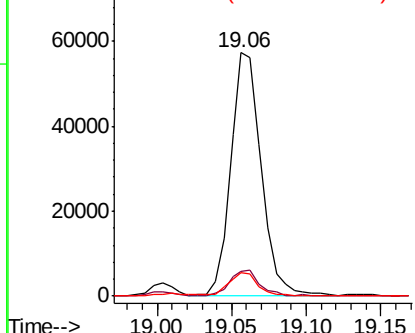


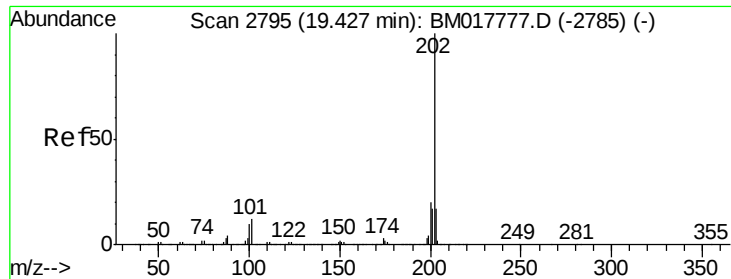
Abundance

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): E





#79

Pyrene

Concen: 43.147 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM017785.D

Acq: 28 Nov 2018 23:33

Instrument :

BNA_M

ClientSampleId :

ETOA0MS

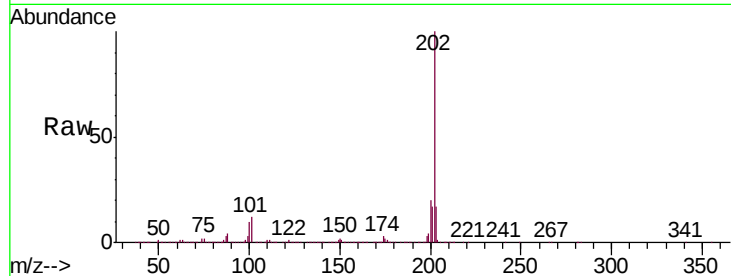
Tgt Ion:202 Resp: 3552492

Ion Ratio Lower Upper

202 100

101 11.5 9.6 14.4

100 9.8 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

