

Data File : BM017788.D
Acq On : 29 Nov 2018 01:21
Operator : JU/SJ
Sample : J5979-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETO65MSD

Quant Time: Nov 29 05:50:15 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	187879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	861233	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	511591	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1190543	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1305693	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1221736	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	24305	5.92	ng/uL	0.00
5) Phenol-d5	6.77	99	467609	27.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	337399	32.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	403473	30.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	413357	29.48	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	214747	32.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	231566	30.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	409791	28.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	553706	44.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1534003	34.56	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1647204	30.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	175445	21.74	ng/ul	0.00
57) Fluorene-d10	15.23	176	1251288	32.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	189333	22.25	ng/ul	0.00
70) Anthracene-d10	17.09	188	1859041	31.36	ng/ul	0.00
78) Pyrene-d10	19.39	212	2051639	32.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1986252	29.98	ng/ul	0.00

Target Compounds

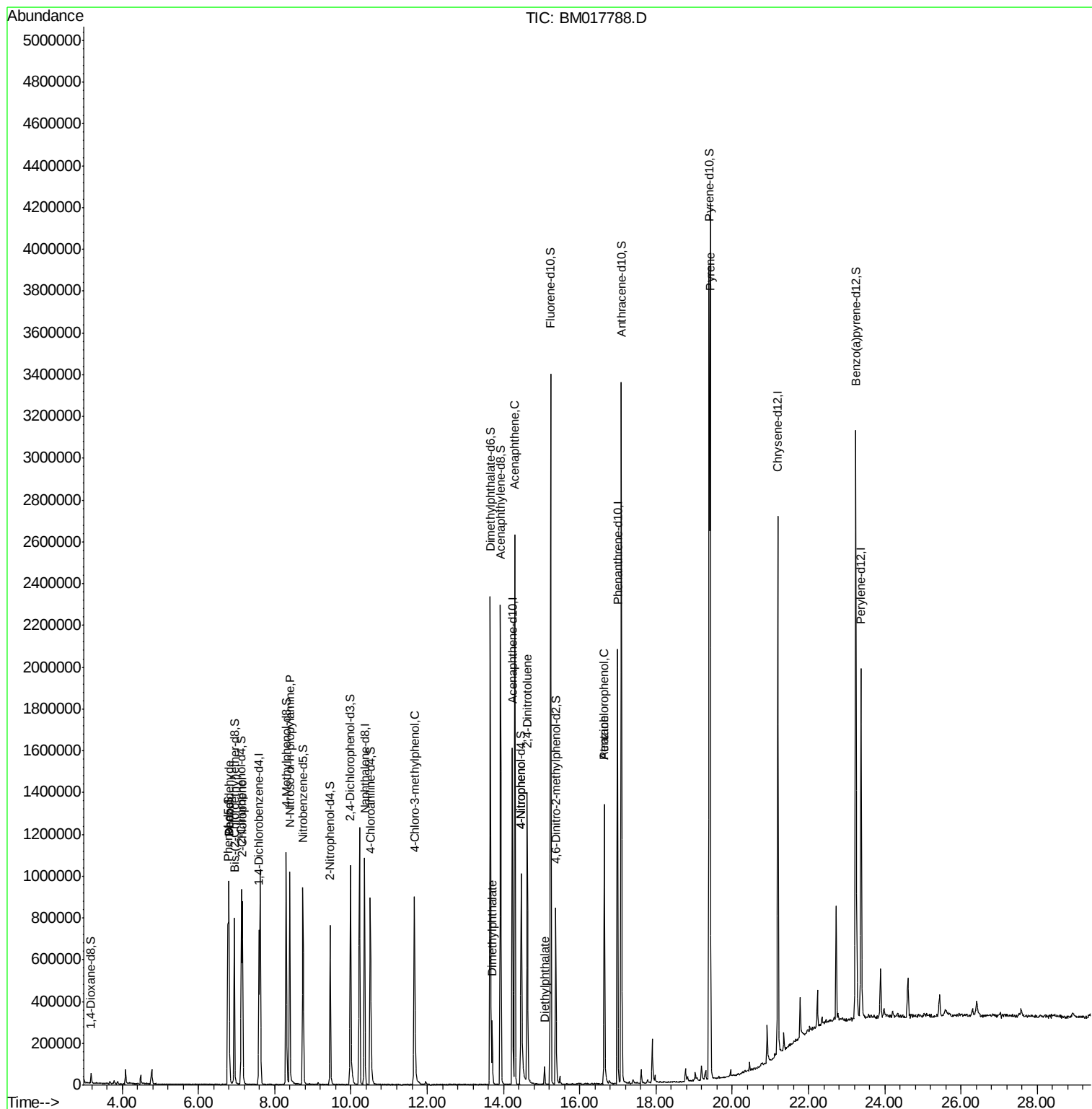
					Qvalue	
4) Benzaldehyde	6.80	77	7452	2.329	ng/ul#	5
6) Phenol	6.80	94	493887	28.836	ng/ul	100
10) 2-Chlorophenol	7.16	128	356505	26.577	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	367977	32.285	ng/ul	98
33) 4-Chloro-3-methylphenol	11.66	107	413494	26.723	ng/ul	96
44) Dimethylphthalate	13.70	163	187588	4.362	ng/ul	99
49) Acenaphthene	14.30	153	1028564	28.446	ng/ul	99
52) 4-Nitrophenol	14.47	109	152406	22.959	ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	400063	31.267	ng/ul	93
56) Diethylphthalate	15.08	149	45205	1.020	ng/ul	97
67) Atrazine	16.64	200	35933	2.643	ng/ul#	36
68) Pentachlorophenol	16.64	266	224556	23.869	ng/ul	95
79) Pyrene	19.42	202	2350122	29.650	ng/ul	99

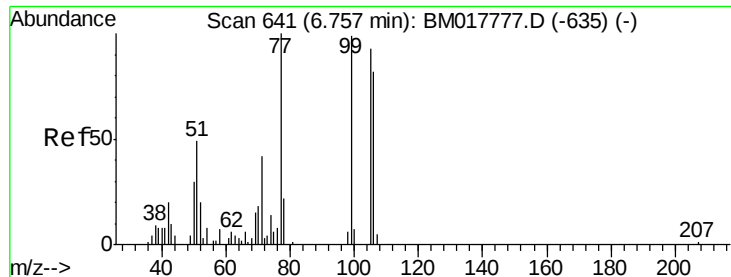
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 29 05:50:15 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: 2.329 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.04 min

Lab File: BM017788.D

Acq: 29 Nov 2018 01:21

Instrument :

BNA_M

ClientSampleId :

ETO65MSD

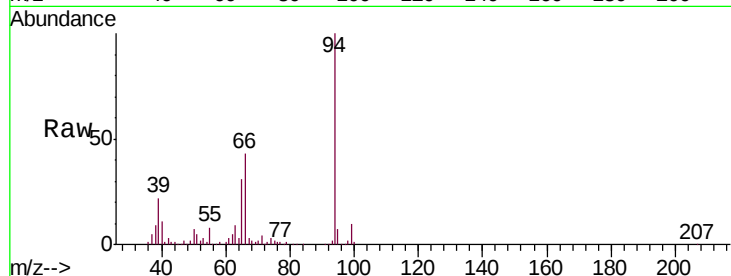
Tgt Ion: 77 Resp: 7452

Ion Ratio Lower Upper

77 100

105 0.0 74.4 111.6#

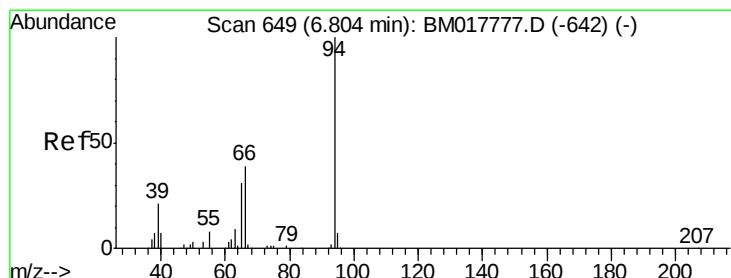
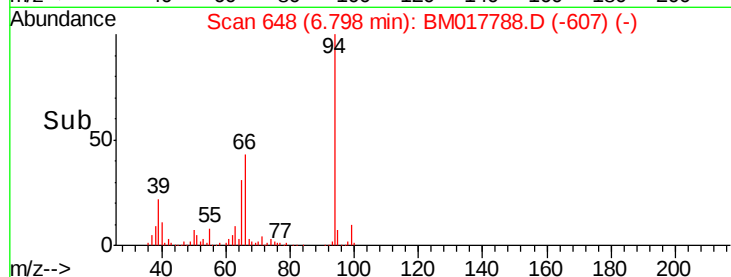
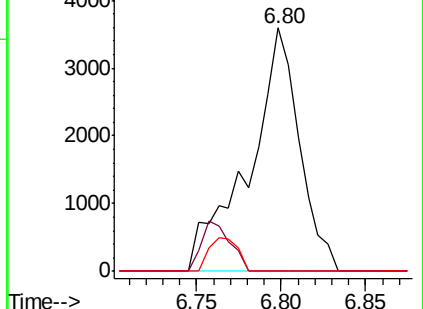
106 0.0 67.4 101.2#



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: 28.836 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017788.D

Acq: 29 Nov 2018 01:21

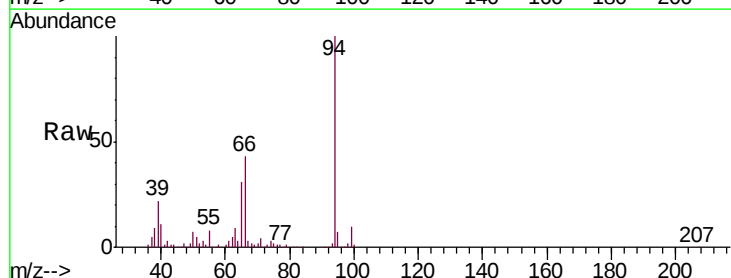
Tgt Ion: 94 Resp: 493887

Ion Ratio Lower Upper

94 100

65 31.0 24.7 37.1

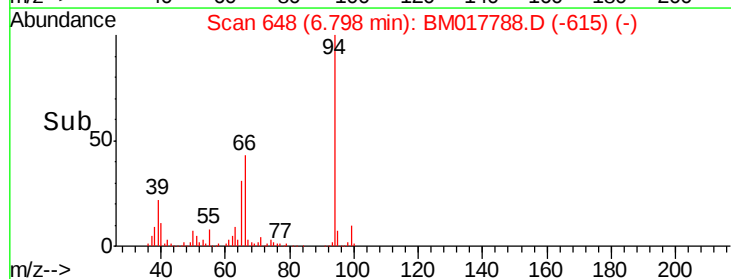
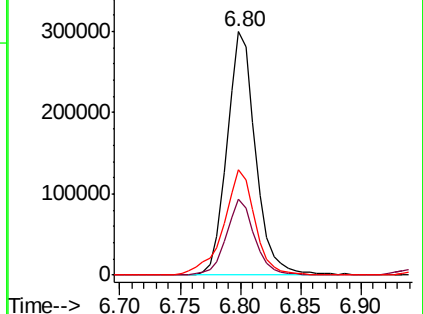
66 43.2 34.6 51.8

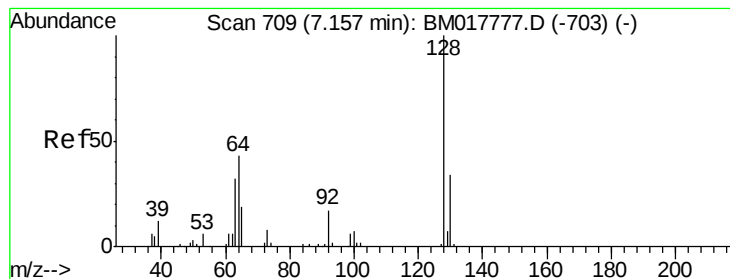


Abundance Ion 94.00 (93.70 to 94.70): BM017777.D (-642) (-)

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: 26.577 ng/ul

RT: 7.16 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM017788.D

Acq: 29 Nov 2018 01:21

Instrument :

BNA_M

ClientSampleId :

ETO65MSD

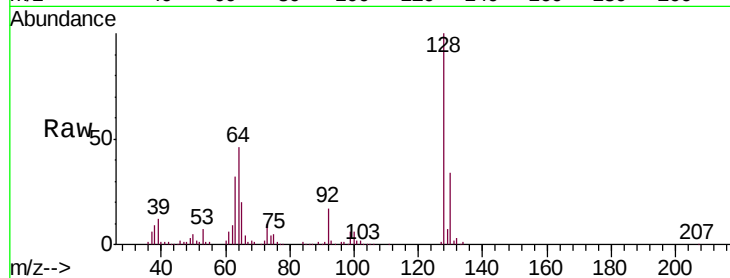
Tgt Ion:128 Resp: 356505

Ion Ratio Lower Upper

128 100

64 46.2 36.8 55.2

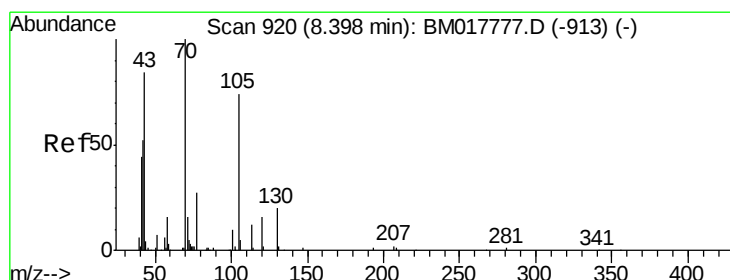
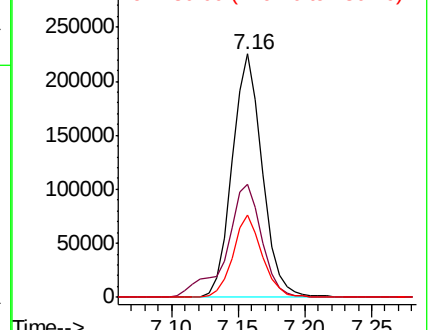
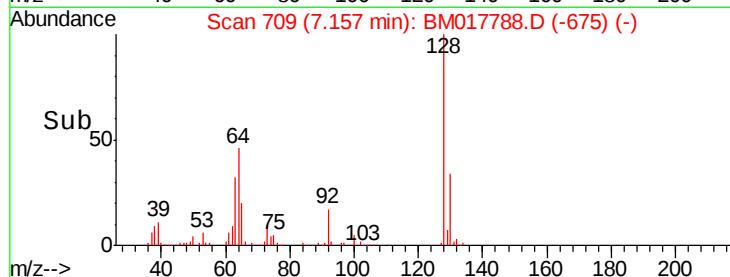
130 33.9 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 32.285 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. -0.01 min

Lab File: BM017788.D

Acq: 29 Nov 2018 01:21

Tgt Ion: 70 Resp: 367977

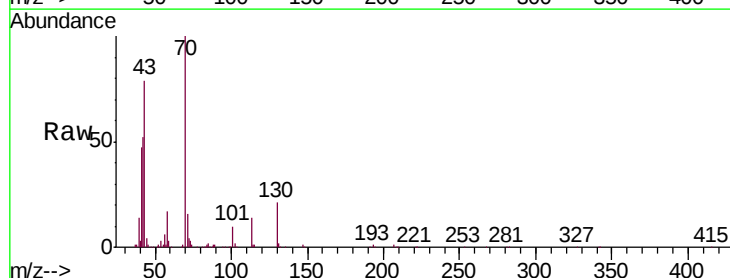
Ion Ratio Lower Upper

70 100

42 51.7 42.7 64.1

101 9.8 7.6 11.4

130 20.6 16.7 25.1

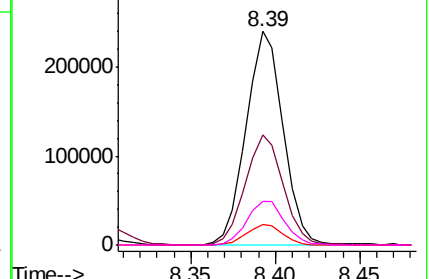
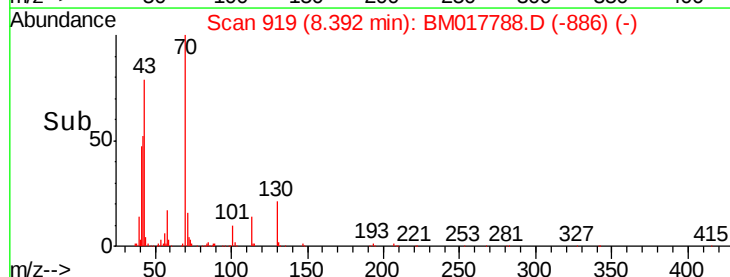


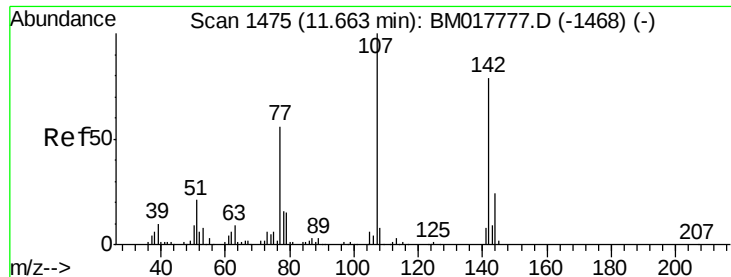
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

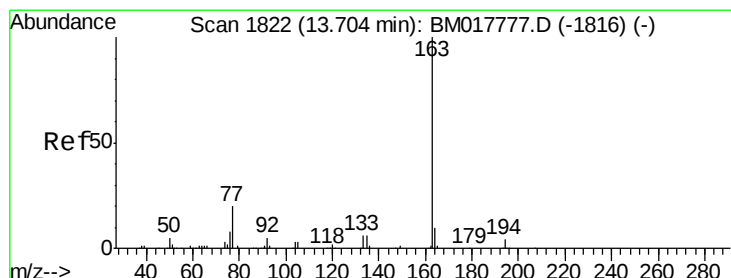
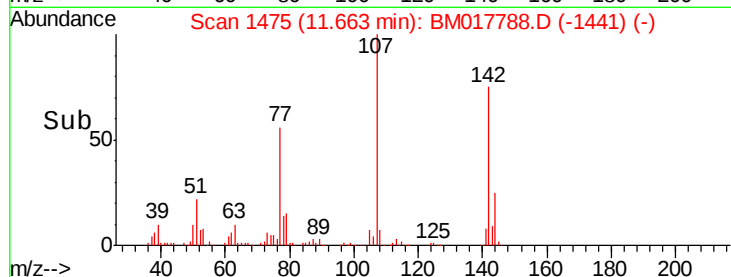
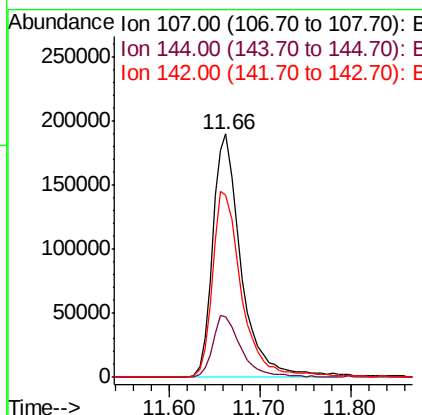
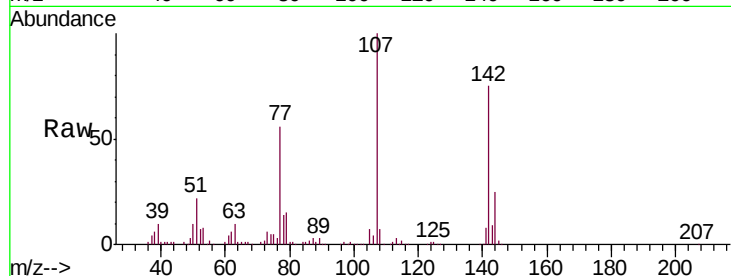




#33
 4-Chloro-3-methylphenol
 Concen: 26.723 ng/ul
 RT: 11.66 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BM017788.D
 Acq: 29 Nov 2018 01:21

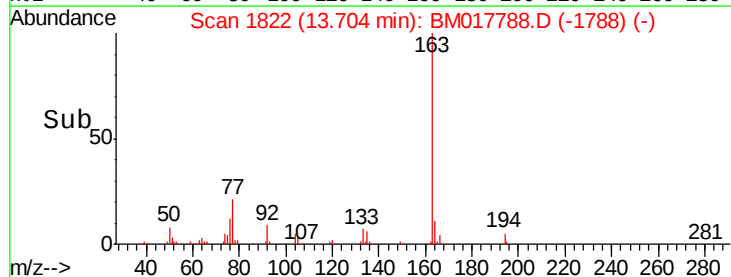
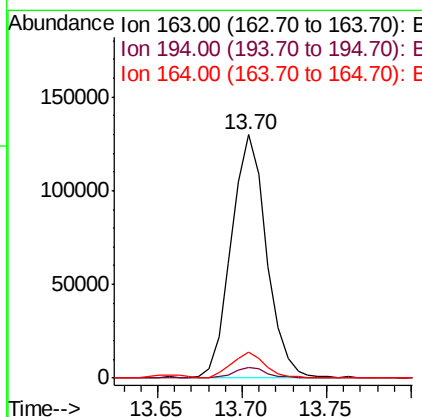
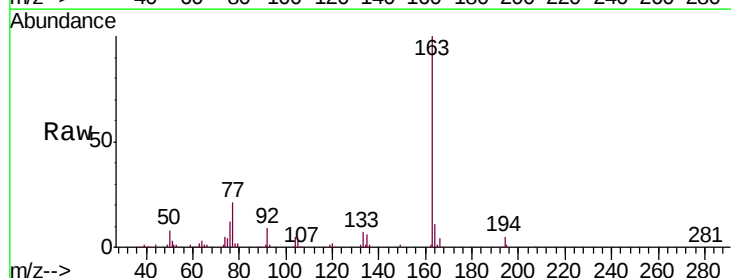
Instrument :
 BNA_M
 ClientSampleId :
 ETO65MSD

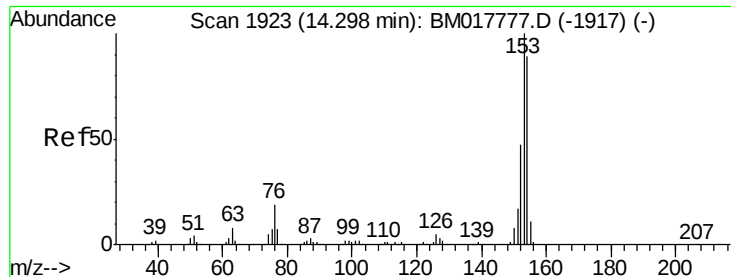
Tgt Ion:107 Resp: 413494
 Ion Ratio Lower Upper
 107 100
 144 24.9 21.1 31.7
 142 74.7 63.0 94.6



#44
 Dimethylphthalate
 Concen: 4.362 ng/ul
 RT: 13.70 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BM017788.D
 Acq: 29 Nov 2018 01:21

Tgt Ion:163 Resp: 187588
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.4 5.0
 164 10.5 8.1 12.1





#49

Acenaphthene

Concen: 28.446 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM017788.D

Acq: 29 Nov 2018 01:21

Instrument :

BNA_M

ClientSampleId :

ETO65MSD

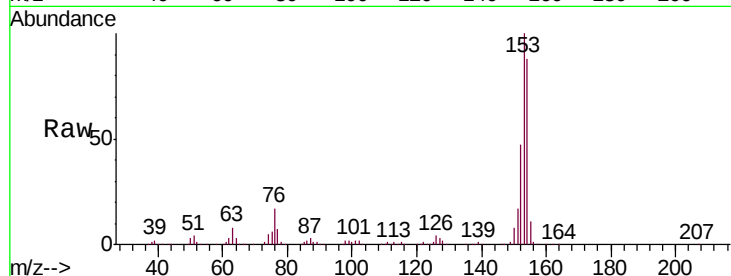
Tgt Ion:153 Resp: 1028564

Ion Ratio Lower Upper

153 100

152 46.7 37.0 55.6

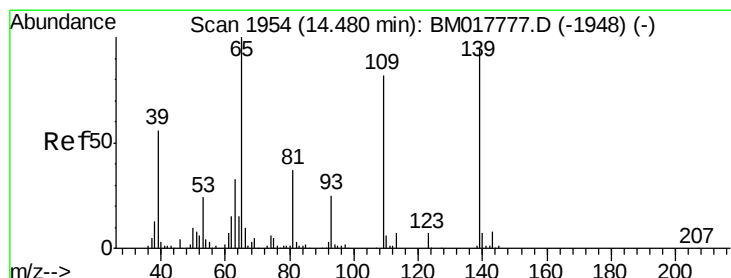
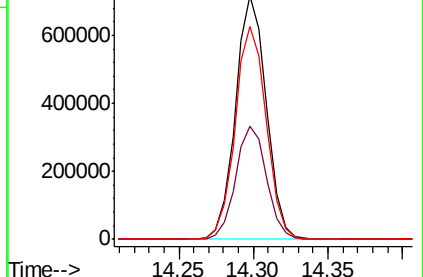
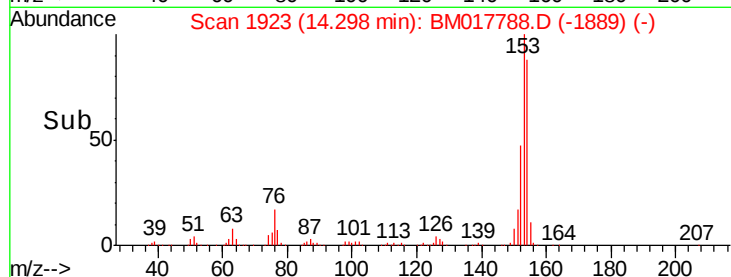
154 87.5 70.6 106.0



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: 22.959 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM017788.D

Acq: 29 Nov 2018 01:21

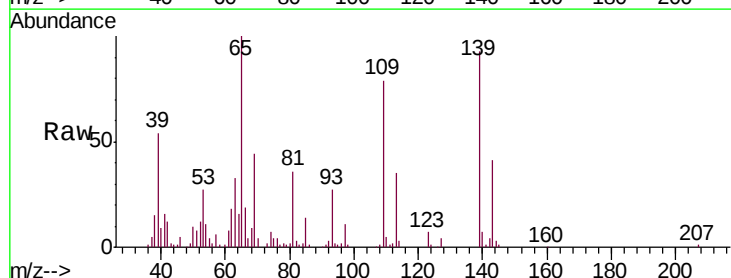
Tgt Ion:109 Resp: 152406

Ion Ratio Lower Upper

109 100

139 117.3 97.4 146.0

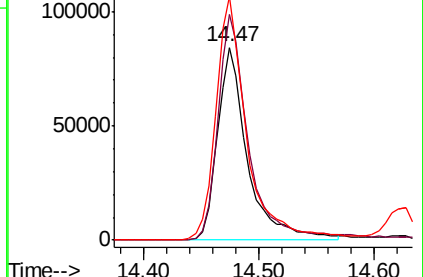
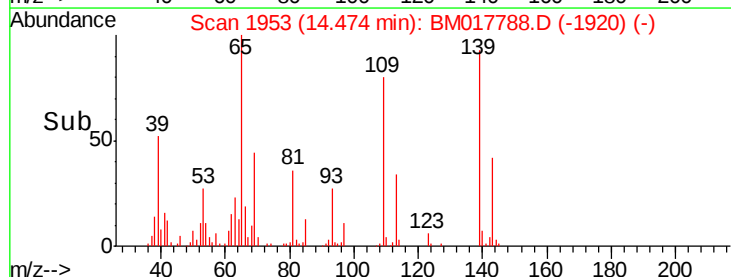
65 126.3 104.5 156.7

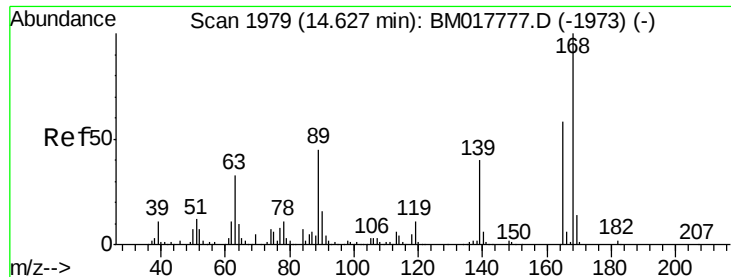


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

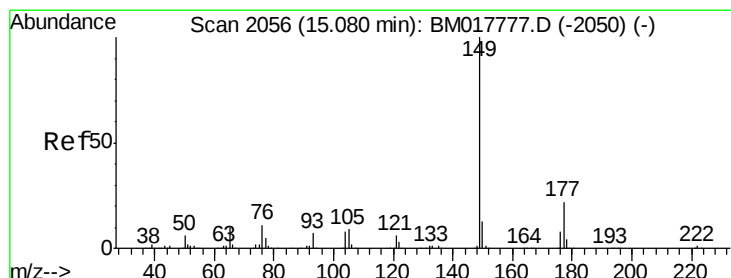
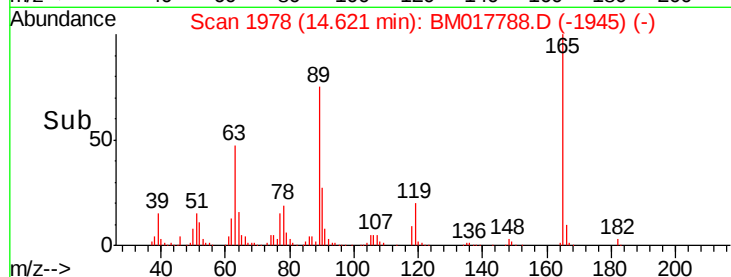
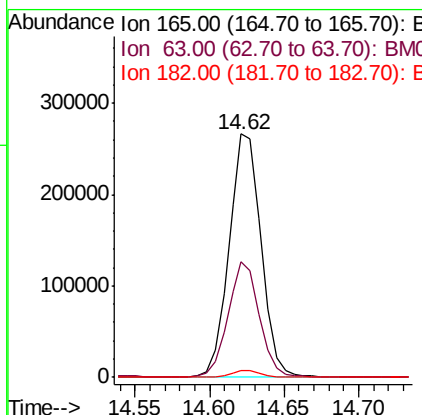
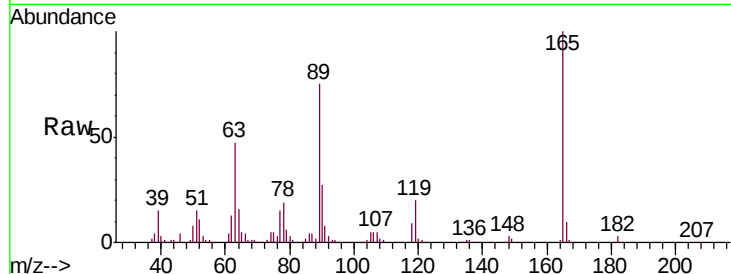




#54
2,4-Dinitrotoluene
Concen: 31.267 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM017788.D
Acq: 29 Nov 2018 01:21

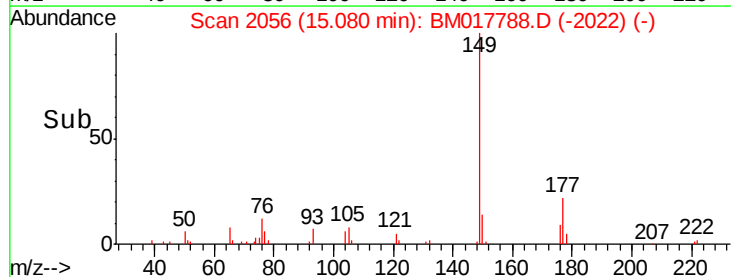
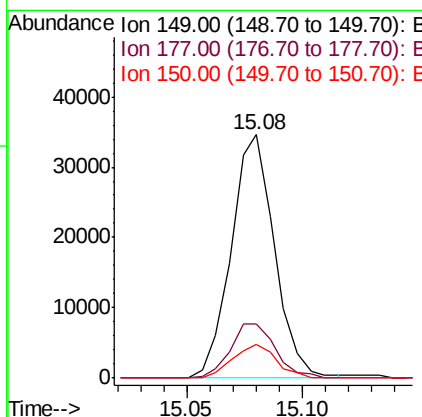
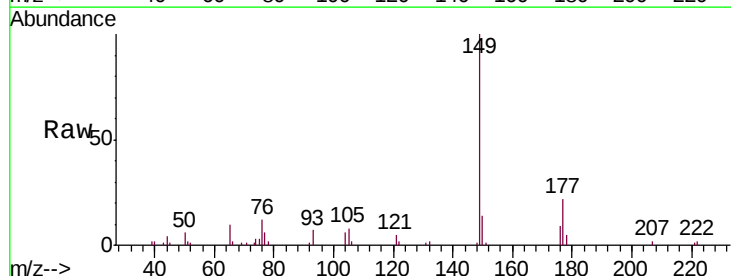
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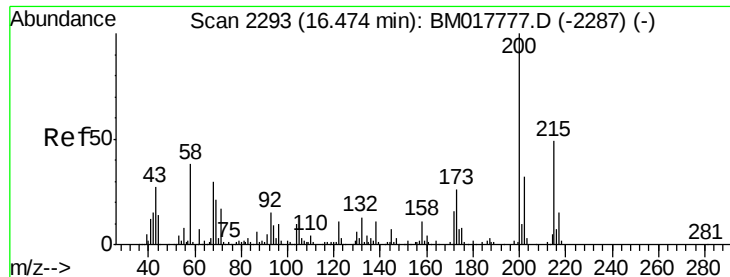
Tgt Ion:165 Resp: 400063
Ion Ratio Lower Upper
165 100
63 47.5 41.8 62.8
182 2.7 2.2 3.2



#56
Diethylphthalate
Concen: 1.020 ng/ul
RT: 15.08 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BM017788.D
Acq: 29 Nov 2018 01:21

Tgt Ion:149 Resp: 45205
Ion Ratio Lower Upper
149 100
177 22.4 17.0 25.6
150 13.7 10.0 15.0

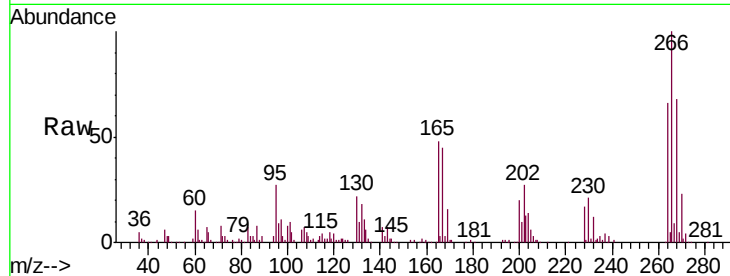




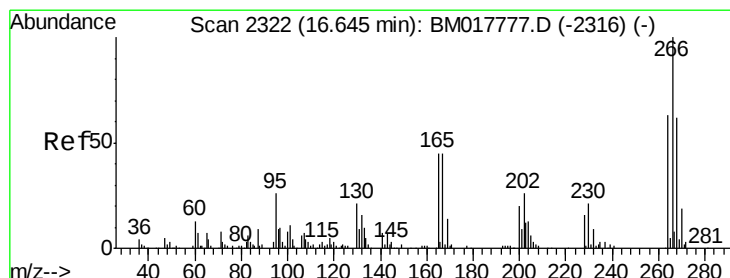
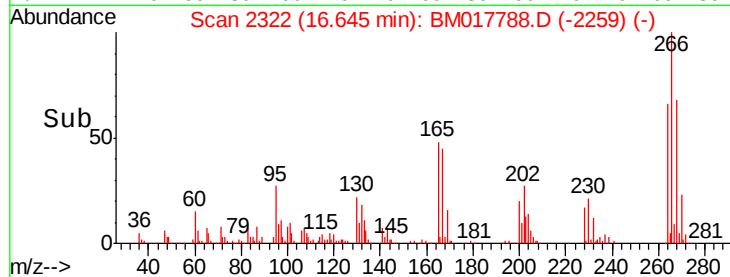
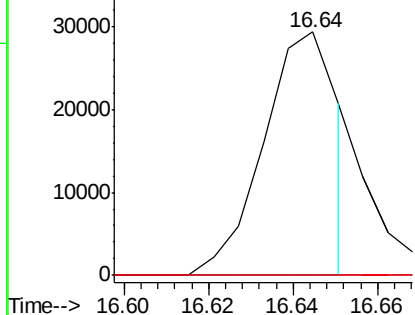
#67
Atrazine
Concen: 2.643 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.17 min
Lab File: BM017788.D
Acq: 29 Nov 2018 01:21

Instrument :
BNA_M
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ETO65MSD

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

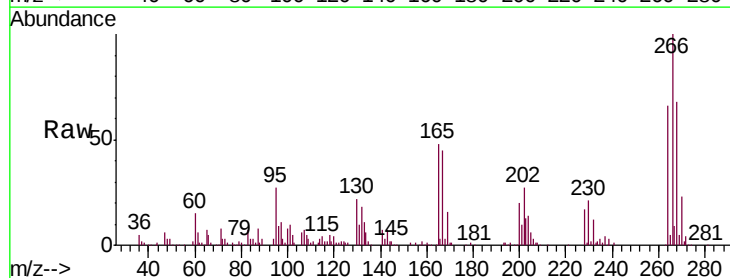


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

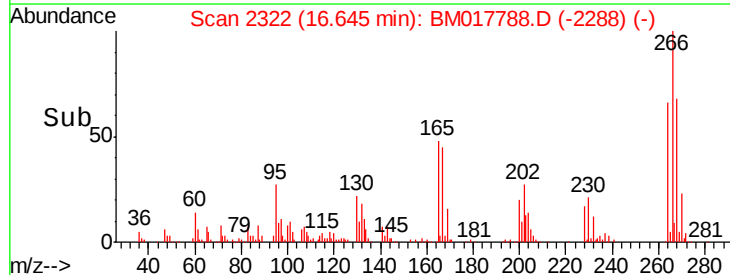
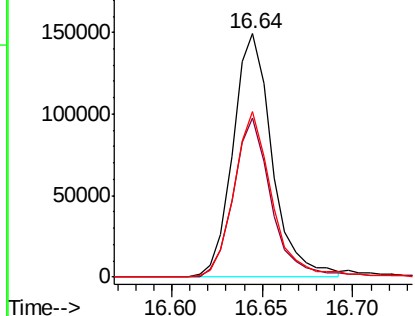


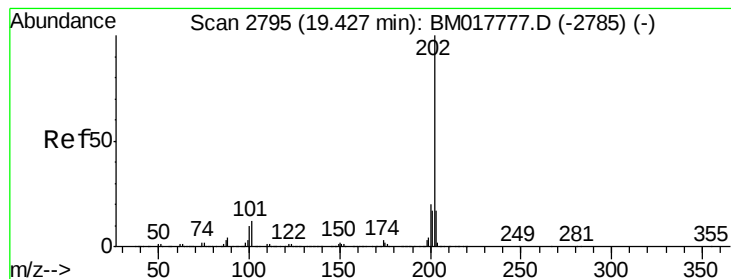
#68
Pentachlorophenol
Concen: 23.869 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM017788.D
Acq: 29 Nov 2018 01:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.5	50.2	75.2
268	67.8	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: 29.650 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

ETO65MSD

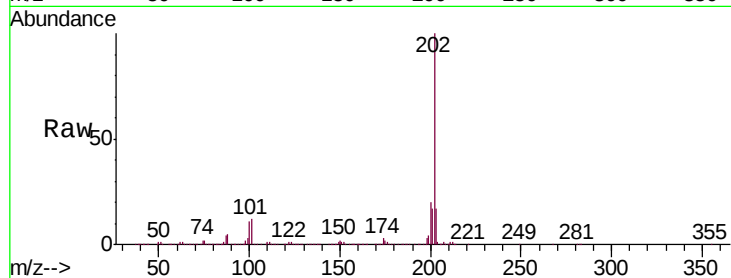
Tgt Ion:202 Resp: 2350122

Ion Ratio Lower Upper

202 100

101 12.5 9.6 14.4

100 10.5 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

