

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107837.D
 Acq On : 31 Jul 2018 8:25
 Operator : JU/SJ
 Sample : J4221-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 09:00:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173597	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	715126	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	283493	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	463036	20.00	ng	0.00
75) Chrysene-d12	14.15	240	423445	20.00	ng	0.00
86) Perylene-d12	15.69	264	363125	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	601598	58.90	ng	0.00
7) Phenol-d6	6.61	99	502257	37.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	1100172	88.63	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	392197	101.81	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1894851	93.14	ng	0.00
78) Terphenyl-d14	13.08	244	1460629	74.80	ng	0.00

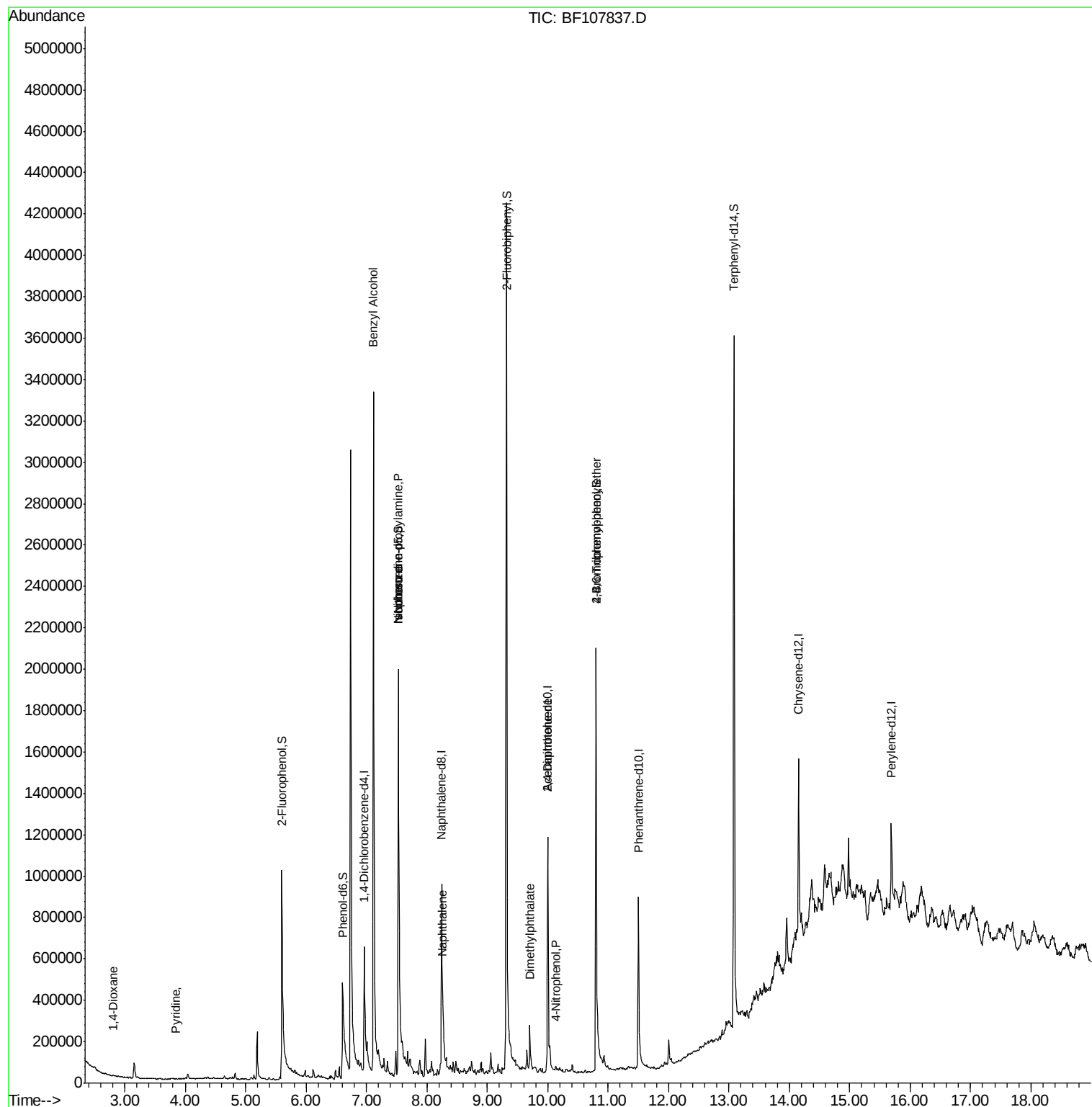
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	403	5.867	ng	# 34
3) Pyridine	3.84	79	152	6.265	ng	# 1
15) Benzyl Alcohol	7.12	79	17603	2.104	ng	# 42
19) n-Nitroso-di-n-propylamine	7.53	70	134893	15.796	ng	# 77
25) Isophorone	7.53	82	1100172	53.993	ng	# 64
31) Naphthalene	8.27	128	131946	3.969	ng	100
49) Dimethylphthalate	9.71	163	113458	5.329	ng	98
55) 4-Nitrophenol	10.13	139	9524	12.379	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	35985	5.917	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	22589	4.186	ng	# 1

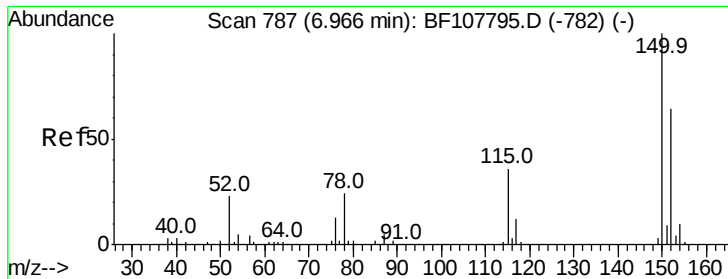
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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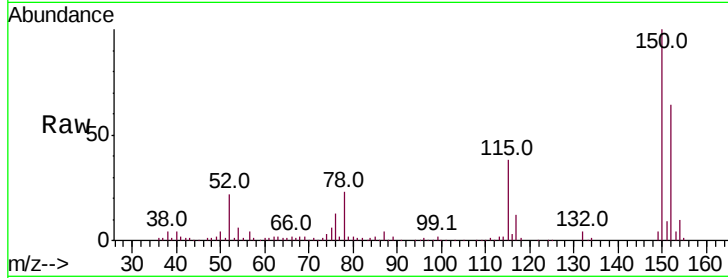


#1

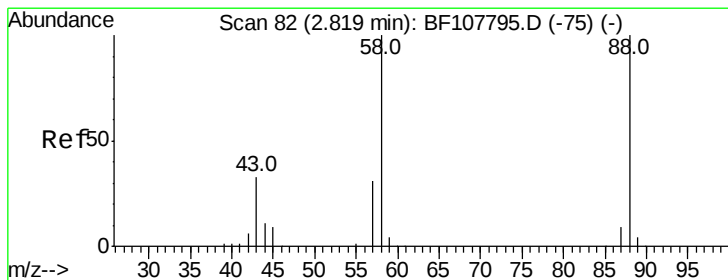
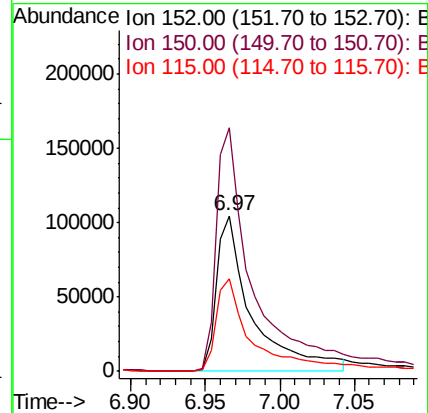
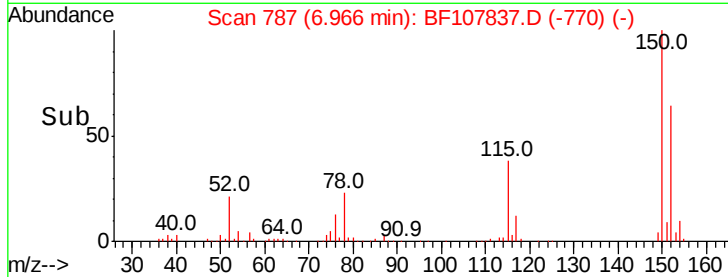
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 173597
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 59.4 50.1 75.1



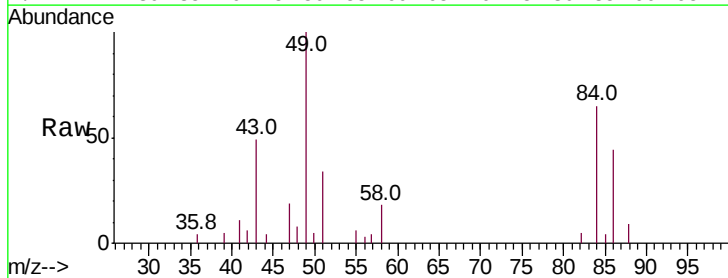
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



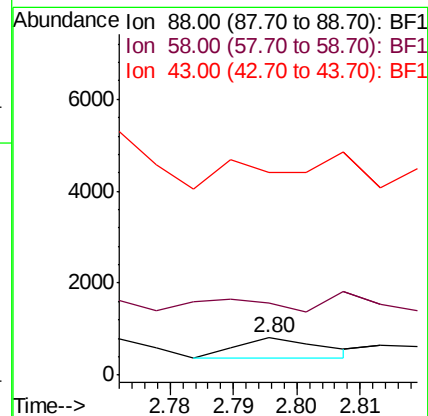
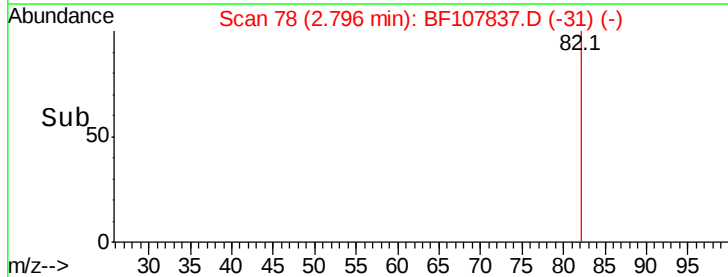
#2

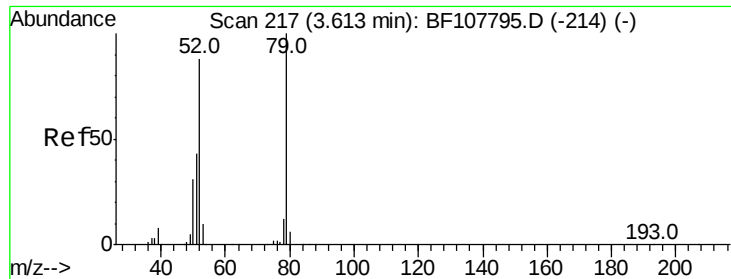
1,4-Dioxane
Concen: 5.867 ng
RT: 2.80 min Scan# 78
Delta R.T. -0.02 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Tgt Ion: 88 Resp: 403
Ion Ratio Lower Upper
88 100
58 139.2 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 6.265 ng

RT: 3.84 min Scan# 256

Delta R.T. 0.23 min

Lab File: BF107837.D

Acq: 31 Jul 2018 8:25

Instrument :

BNA_G

ClientSampleId :

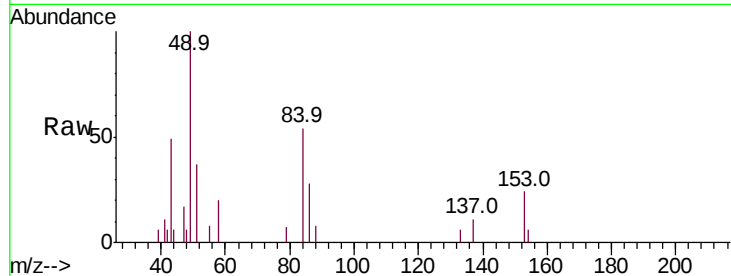
Tot Ion: 79 Resp: 152

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

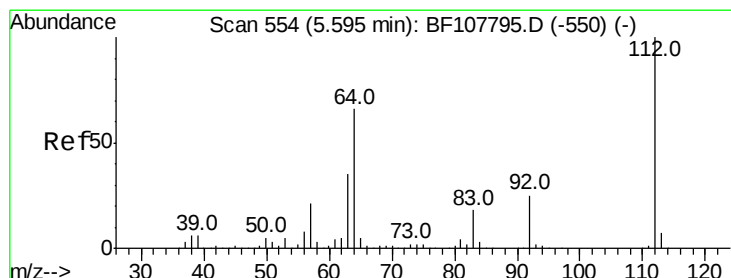
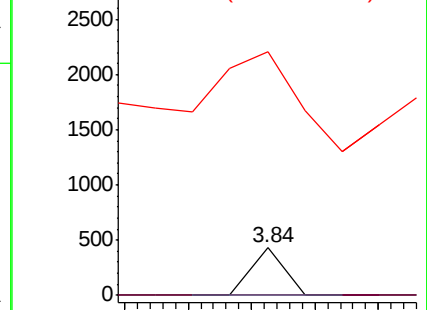
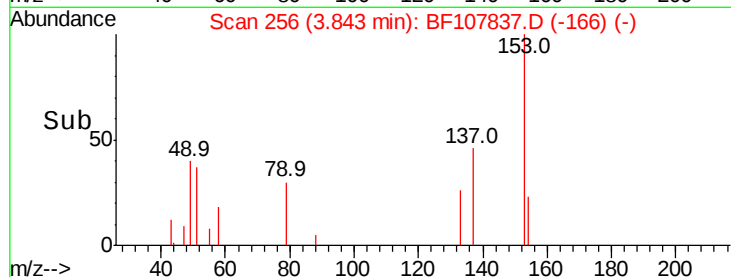
51 513.0 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 58.898 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107837.D

Acq: 31 Jul 2018 8:25

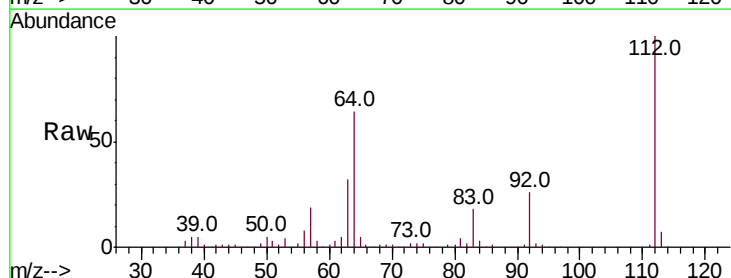
Tgt Ion: 112 Resp: 601598

Ion Ratio Lower Upper

112 100

64 64.1 47.9 71.9

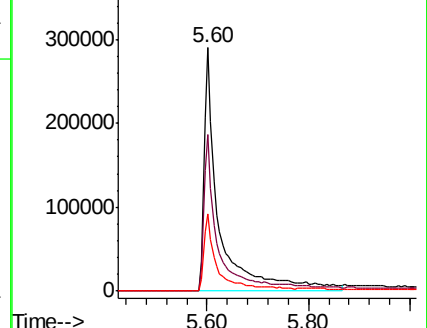
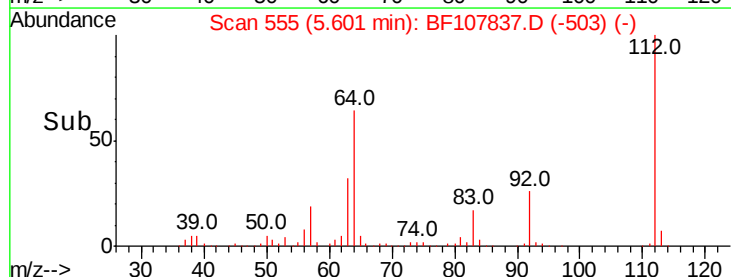
63 31.5 23.7 35.5

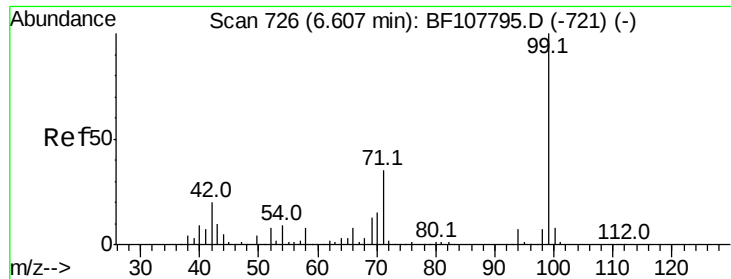


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 37.310 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107837.D

Acq: 31 Jul 2018 8:25

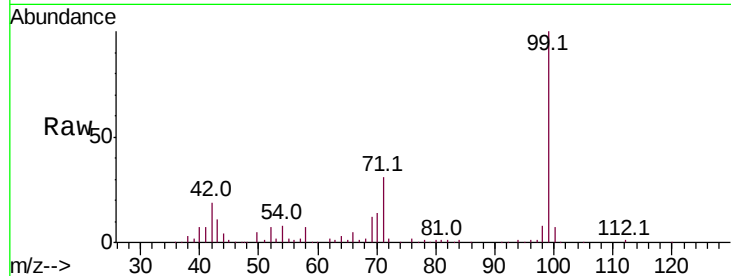
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 502257

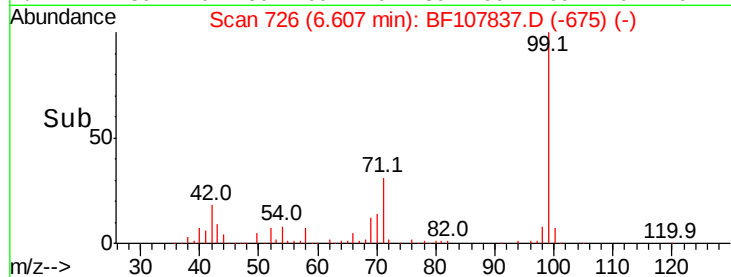
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	30.7	25.4	38.0



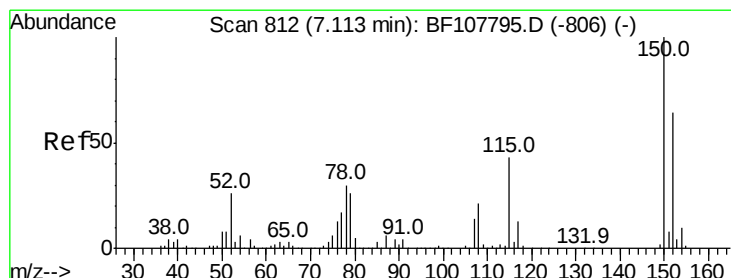
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#15

Benzyl Alcohol

Concen: 2.104 ng

RT: 7.12 min Scan# 813

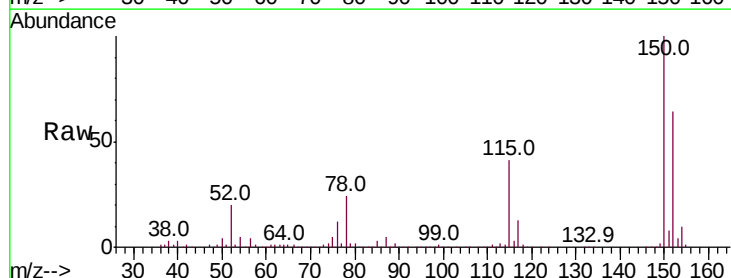
Delta R.T. 0.01 min

Lab File: BF107837.D

Acq: 31 Jul 2018 8:25

Tgt Ion: 79 Resp: 17603

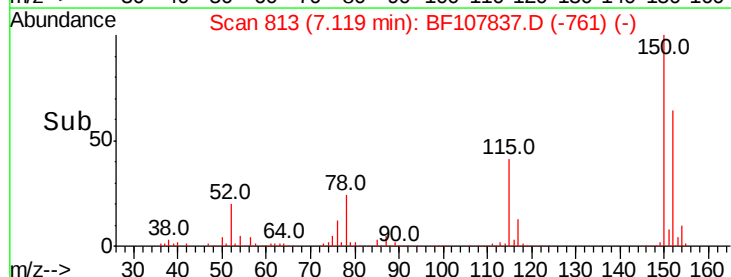
Ion	Ratio	Lower	Upper
79	100		
108	30.8	65.1	97.7#
77	108.6	50.6	75.8#



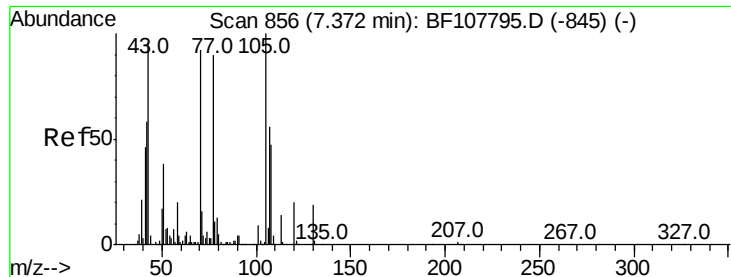
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



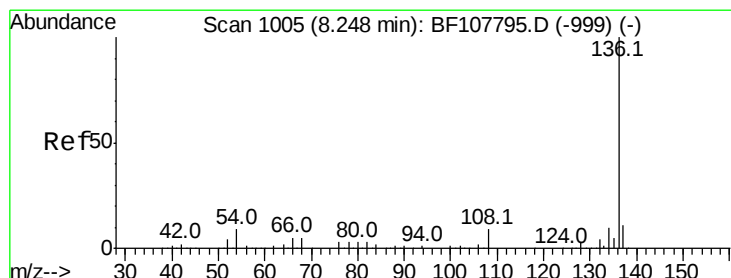
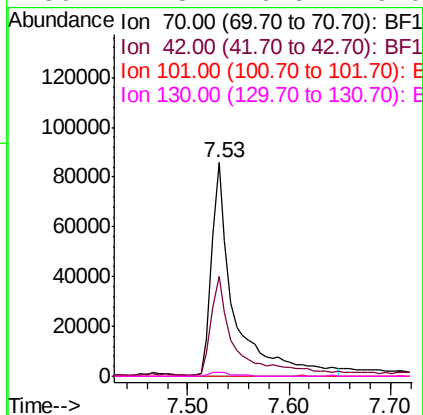
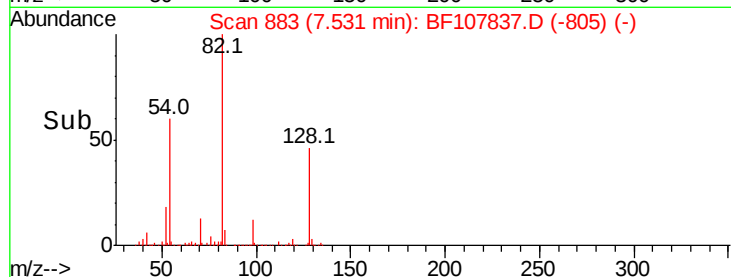
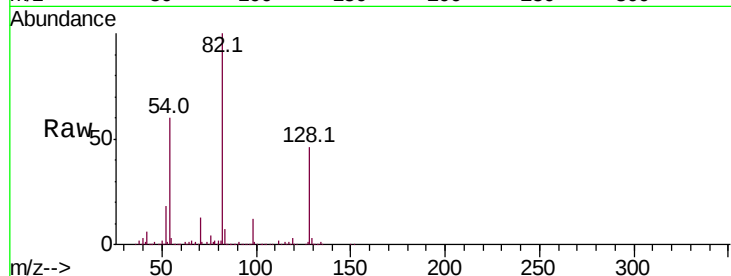
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 15.796 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

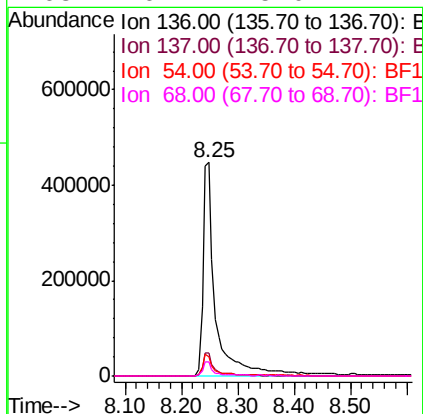
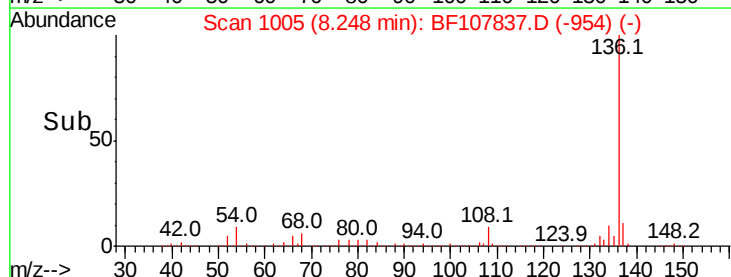
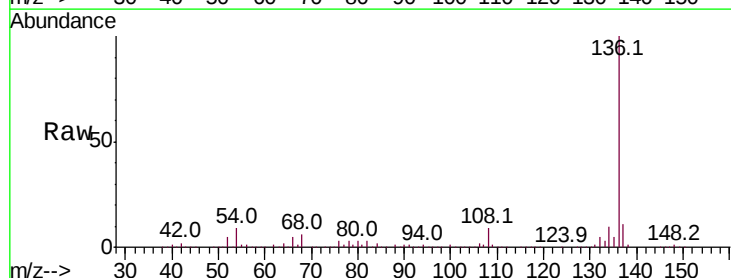
Instrument :
BNA_G
ClientSampleId :

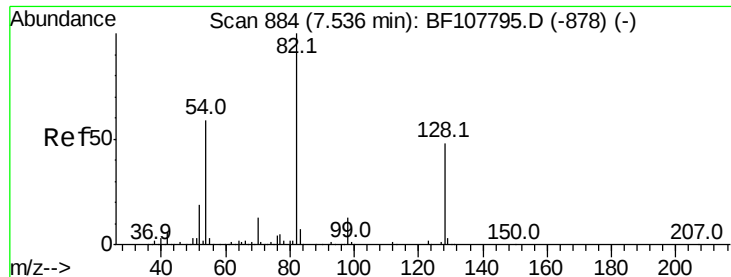
Tot Ion: 70 Resp: 134893
Ion Ratio Lower Upper
70 100
42 46.5 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Tgt Ion: 136 Resp: 715126
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.0 6.6 9.8
68 6.4 5.0 7.4

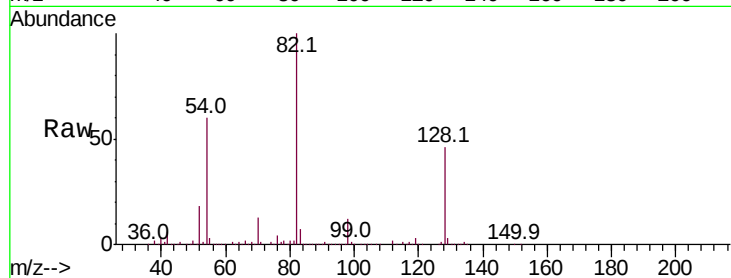




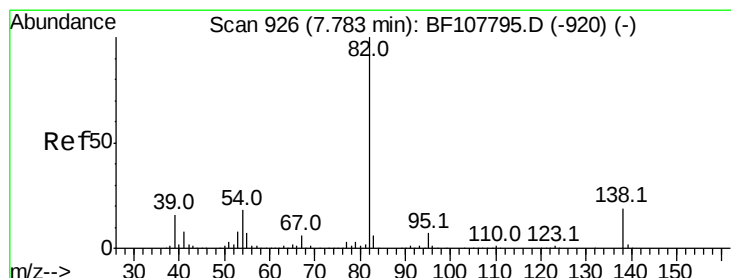
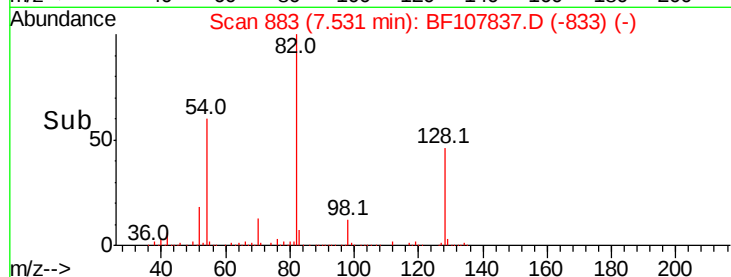
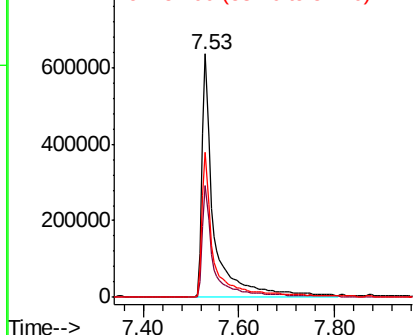
#23
Nitrobenzene-d5
Concen: 88.630 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 1100172
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 59.7 41.4 62.2

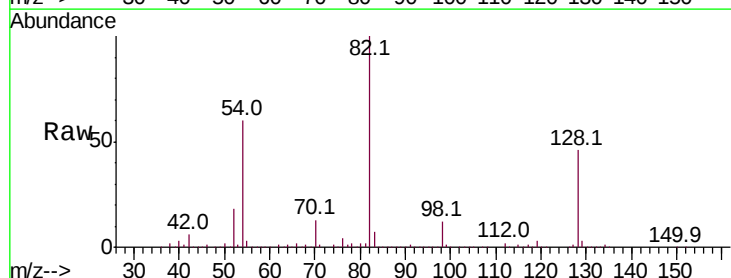


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

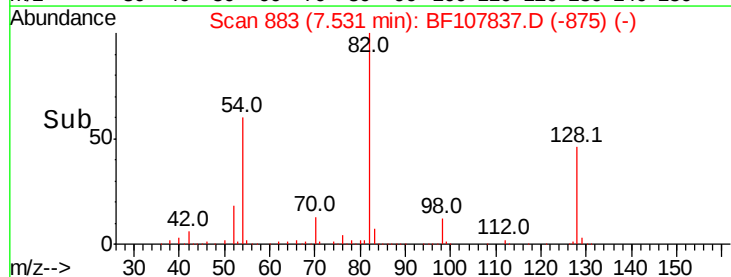
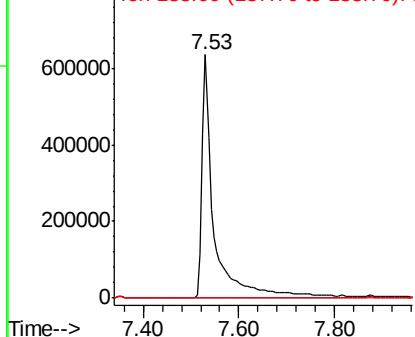


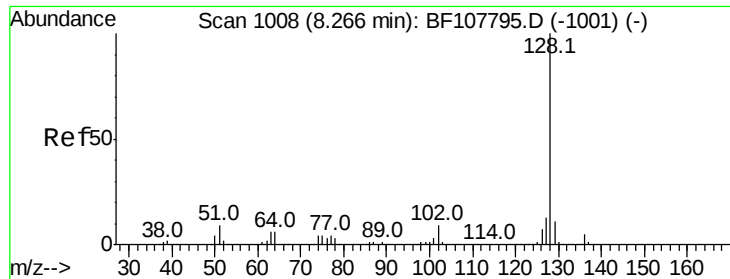
#25
Isophorone
Concen: 53.993 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Tgt Ion: 82 Resp: 1100172
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 3.969 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107837.D

Acq: 31 Jul 2018 8:25

Instrument :

BNA_G

ClientSampled :

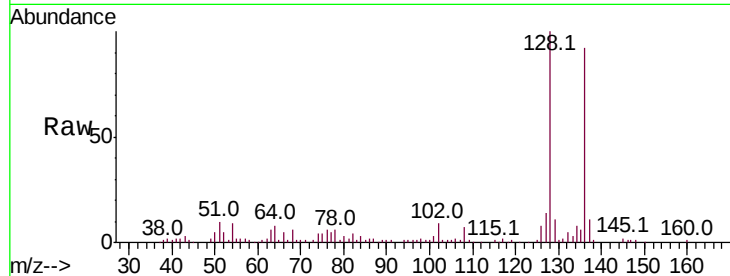
Tot Ion:128 Resp: 131946

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

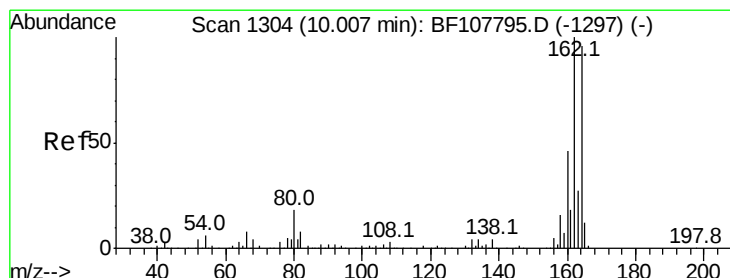
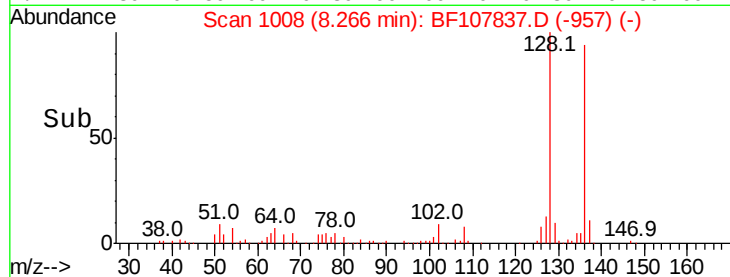
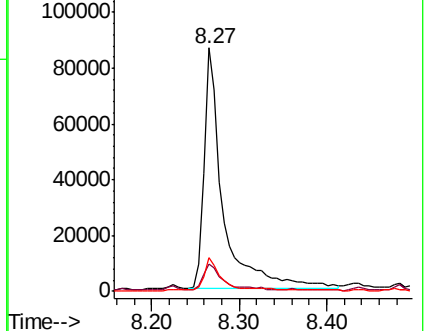
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107837.D

Acq: 31 Jul 2018 8:25

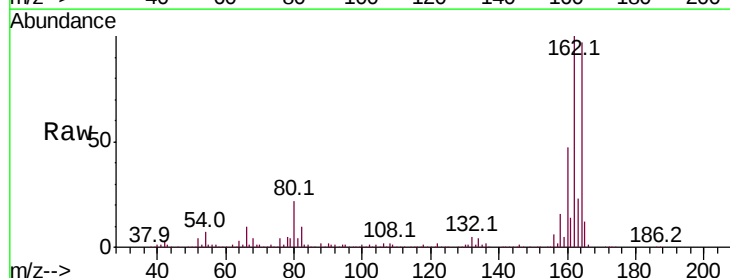
Tgt Ion:164 Resp: 283493

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

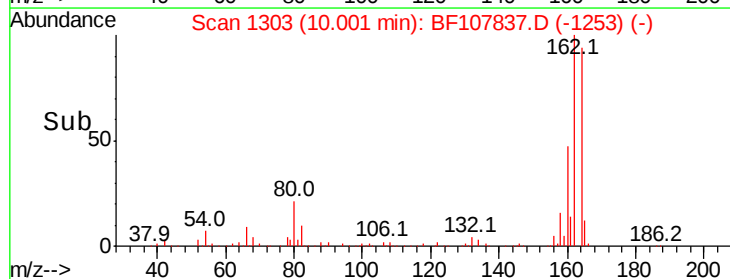
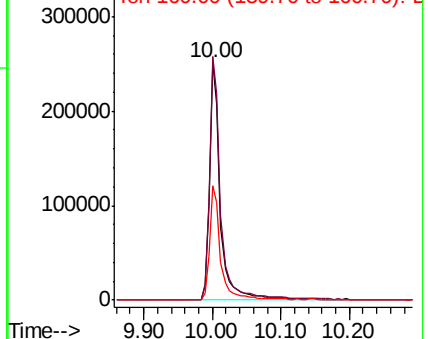
160 48.2 38.3 57.5

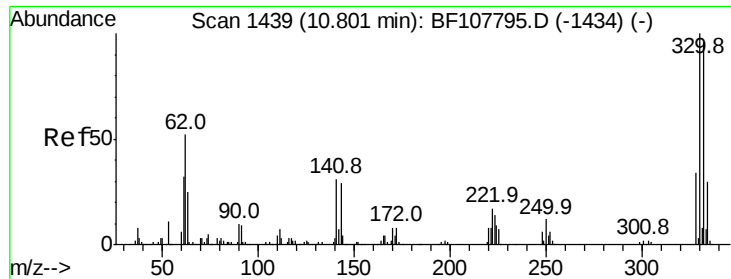


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

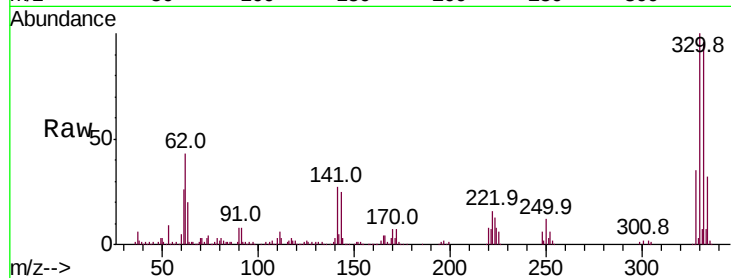




#41
 2,4,6-Tribromophenol
 Concen: 101.814 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107837.D
 Acq: 31 Jul 2018 8:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	28.2	29.9	44.9#

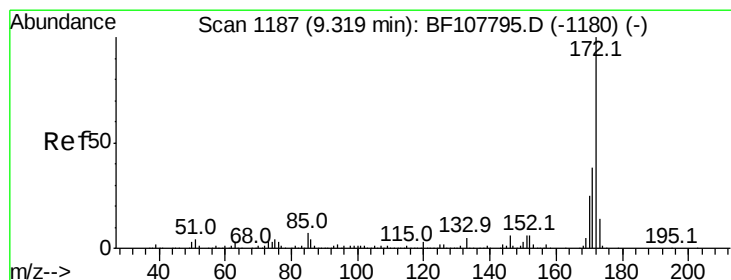
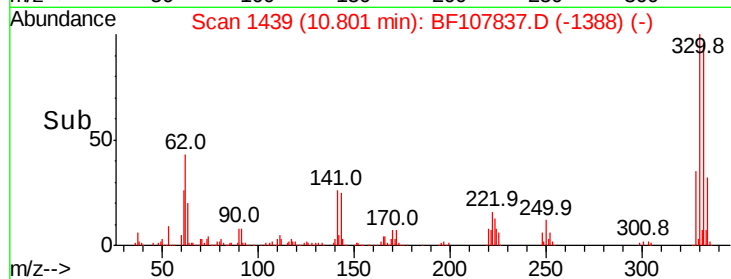
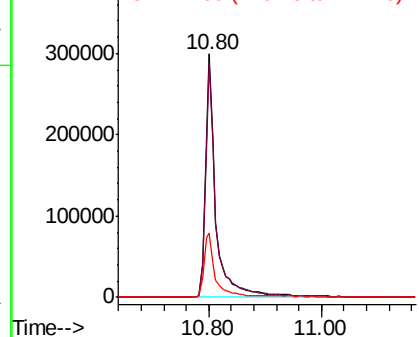


Abundance

Ion 329.80 (329.50 to 330.50): E

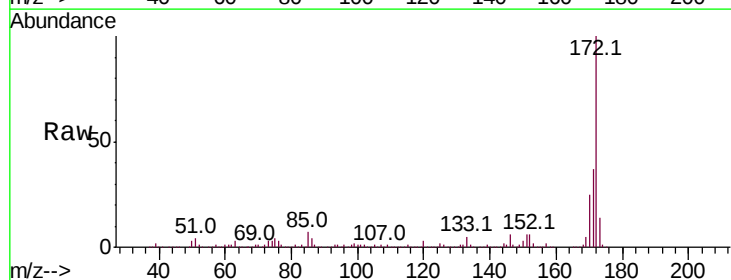
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.140 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF107837.D
 Acq: 31 Jul 2018 8:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.0	19.6	29.4

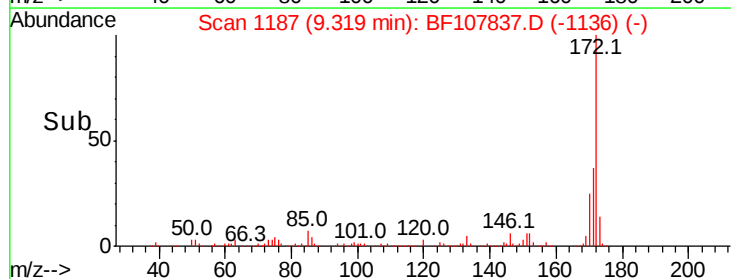
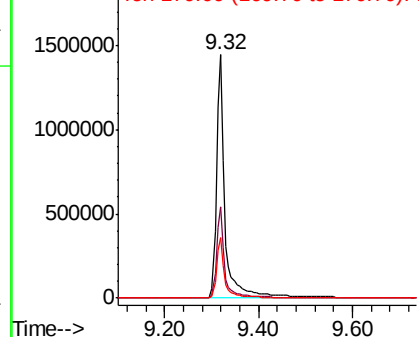


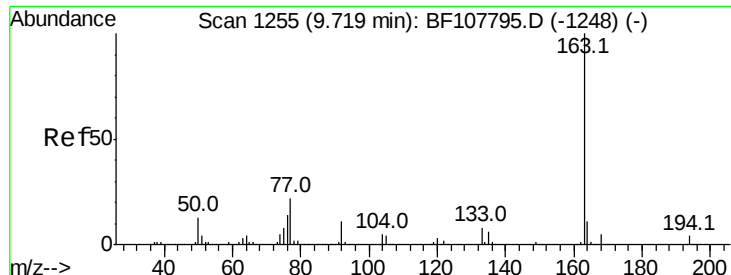
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

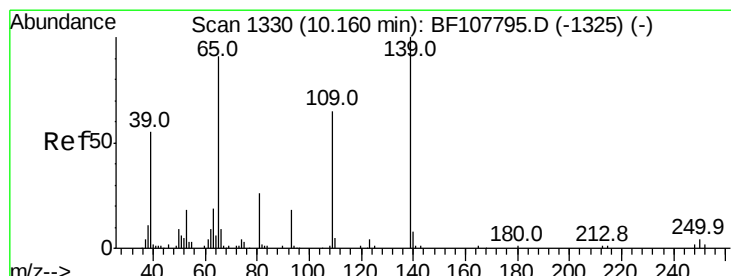
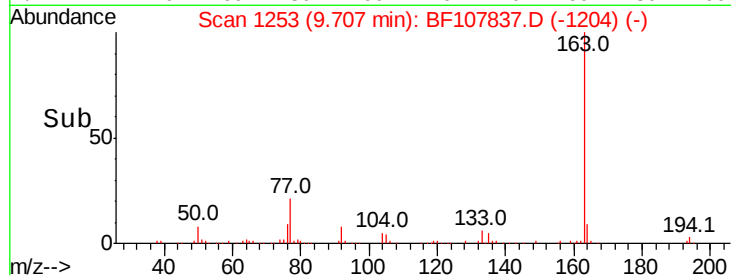
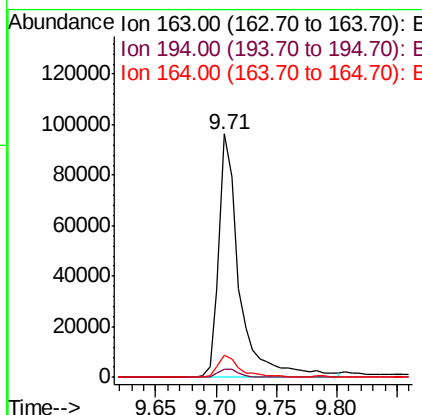
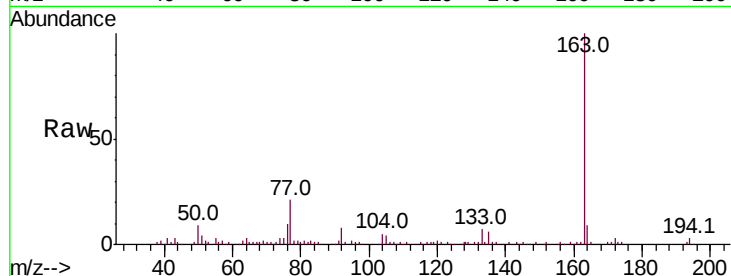




#49
Dimethylphthalate
Concen: 5.329 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

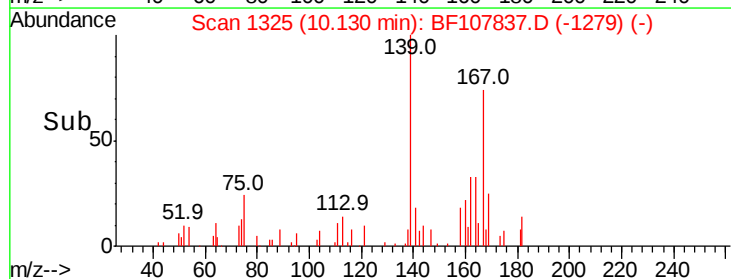
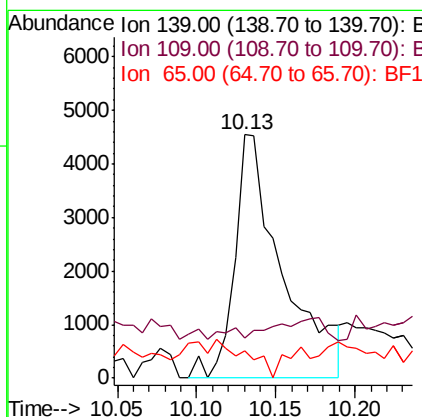
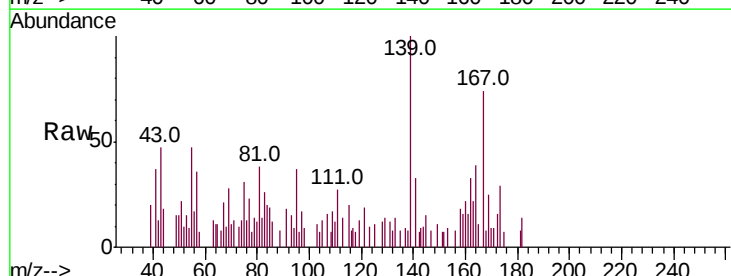
Instrument :
BNA_G
ClientSampleId :

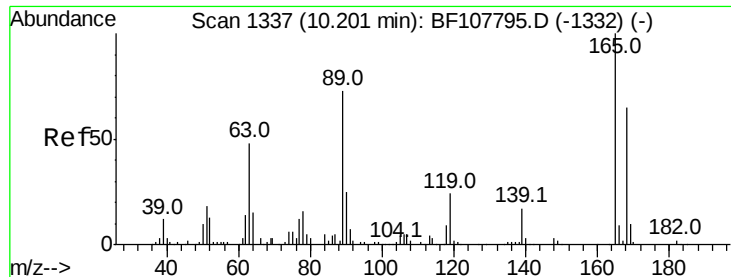
Tot Ion:163 Resp: 113458
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.3 8.2 12.2



#55
4-Nitrophenol
Concen: 12.379 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Tgt Ion:139 Resp: 9524
Ion Ratio Lower Upper
139 100
109 16.7 48.4 88.4#
65 11.0 72.6 112.6#

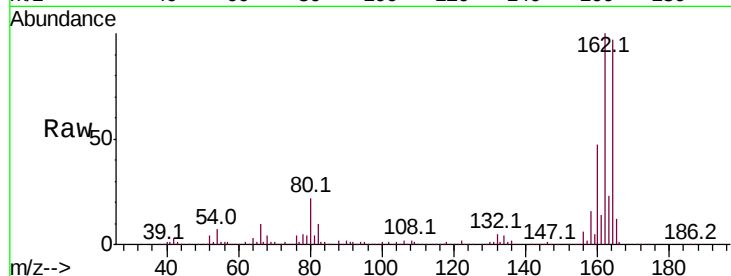




#56
2,4-Dinitrotoluene
Concen: 5.917 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



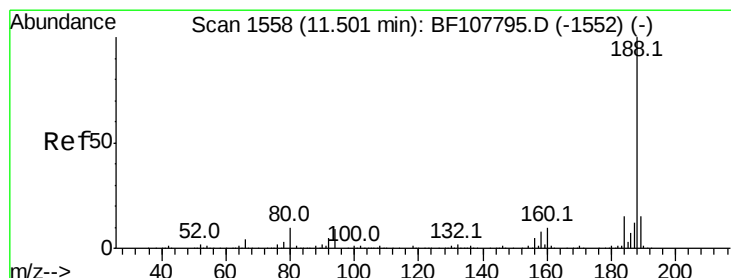
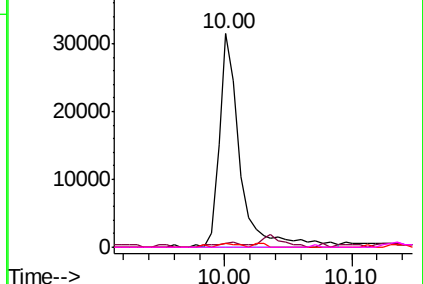
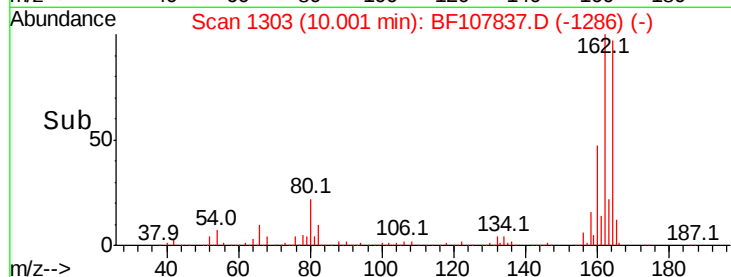
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

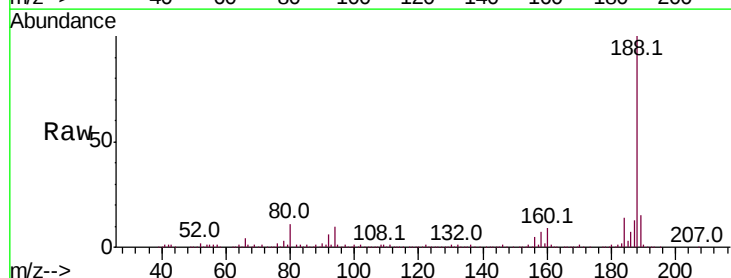
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.7	9.2	13.8

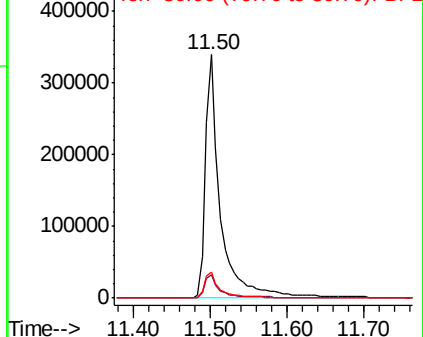
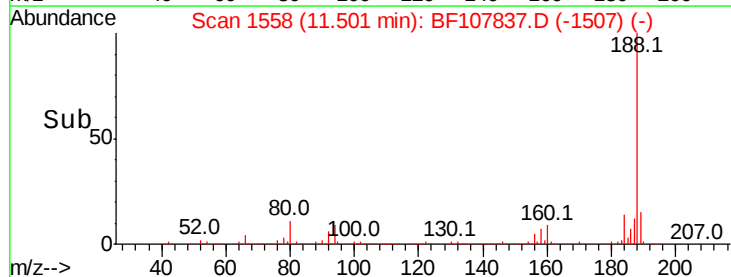


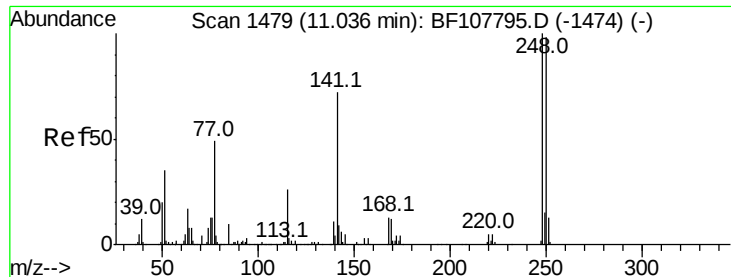
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

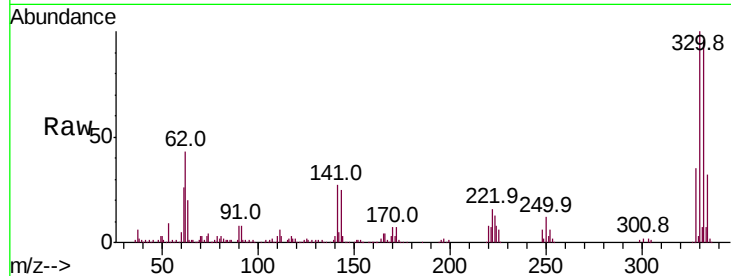




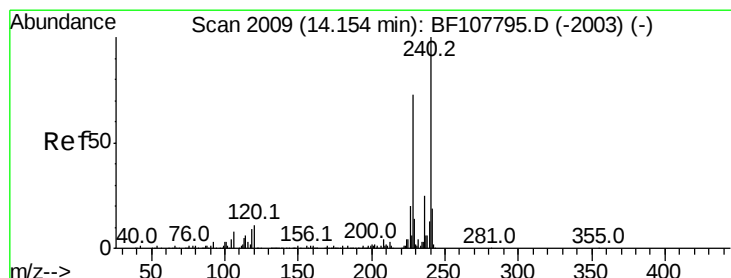
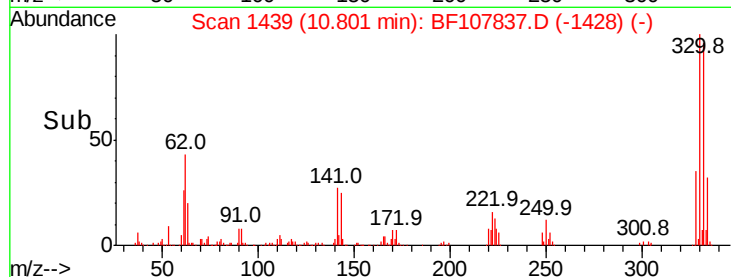
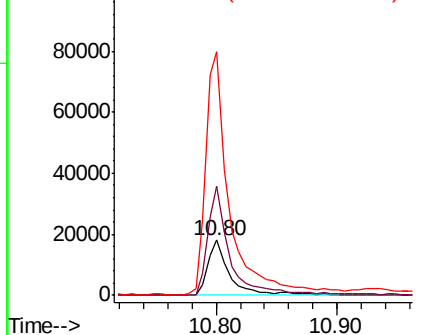
#66
4-Bromophenyl-phenylether
Concen: 4.186 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 22589
Ion Ratio Lower Upper
248 100
250 197.9 76.9 115.3#
141 440.8 74.4 111.6#

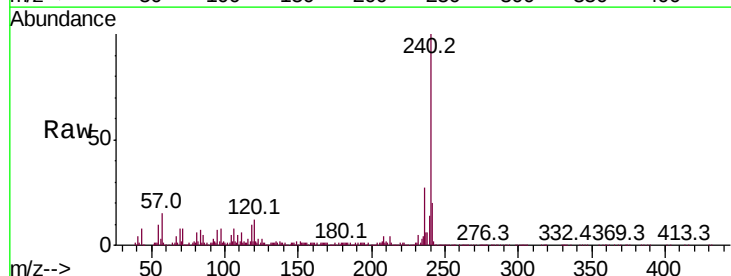


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

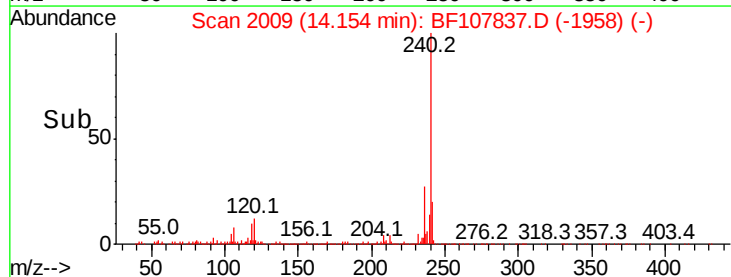
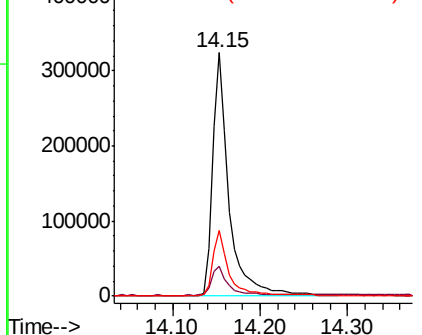


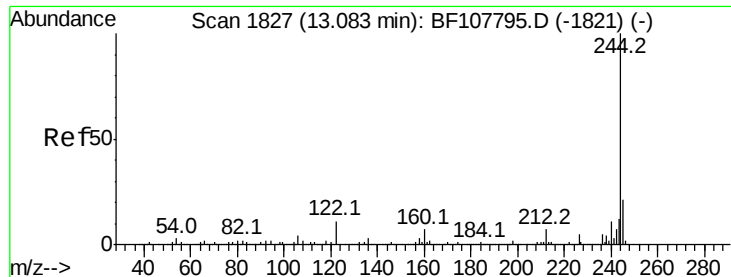
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107837.D
Acq: 31 Jul 2018 8:25

Tgt Ion:240 Resp: 423445
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.798 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107837.D

Acq: 31 Jul 2018 8:25

Instrument :

BNA_G

ClientSampleId :

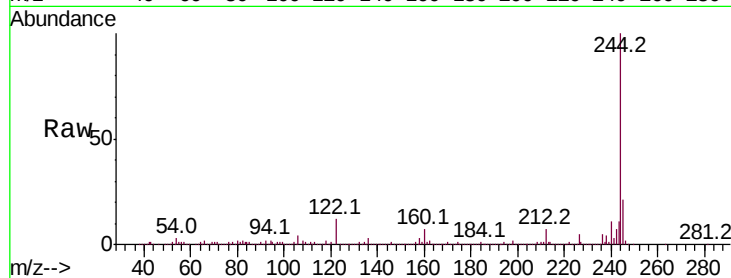
Tot Ion:244 Resp: 1460629

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

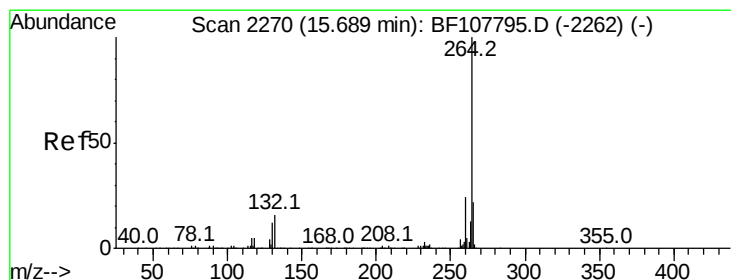
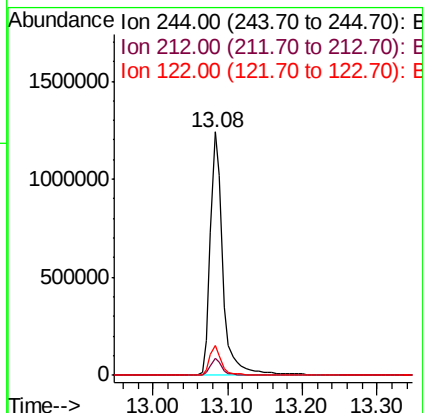
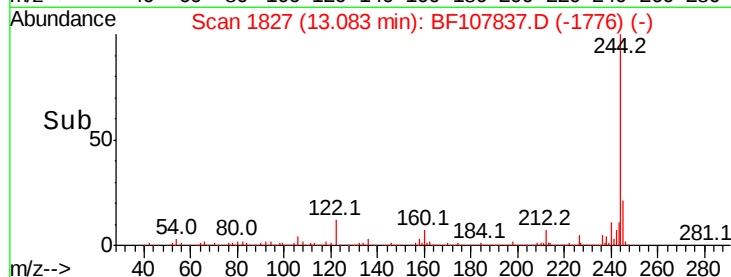
122 12.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF107837.D

Acq: 31 Jul 2018 8:25

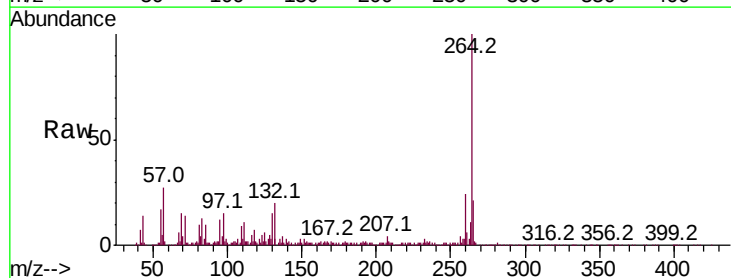
Tgt Ion:264 Resp: 363125

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

