

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106562.D
 Acq On : 19 Jun 2018 2:49
 Operator : JU/SJ
 Sample : J3563-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:26:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115313	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	409910	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	174521	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	272761	20.00	ng	0.00
75) Chrysene-d12	14.15	240	306188	20.00	ng	0.00
86) Perylene-d12	15.68	264	260808	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	395475	58.05	ng	0.00
7) Phenol-d6	6.61	99	301994	35.08	ng	0.00
23) Nitrobenzene-d5	7.53	82	690417	99.09	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	232195	138.28	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1051452	122.17	ng	0.00
78) Terphenyl-d14	13.09	244	1020333	82.77	ng	0.00

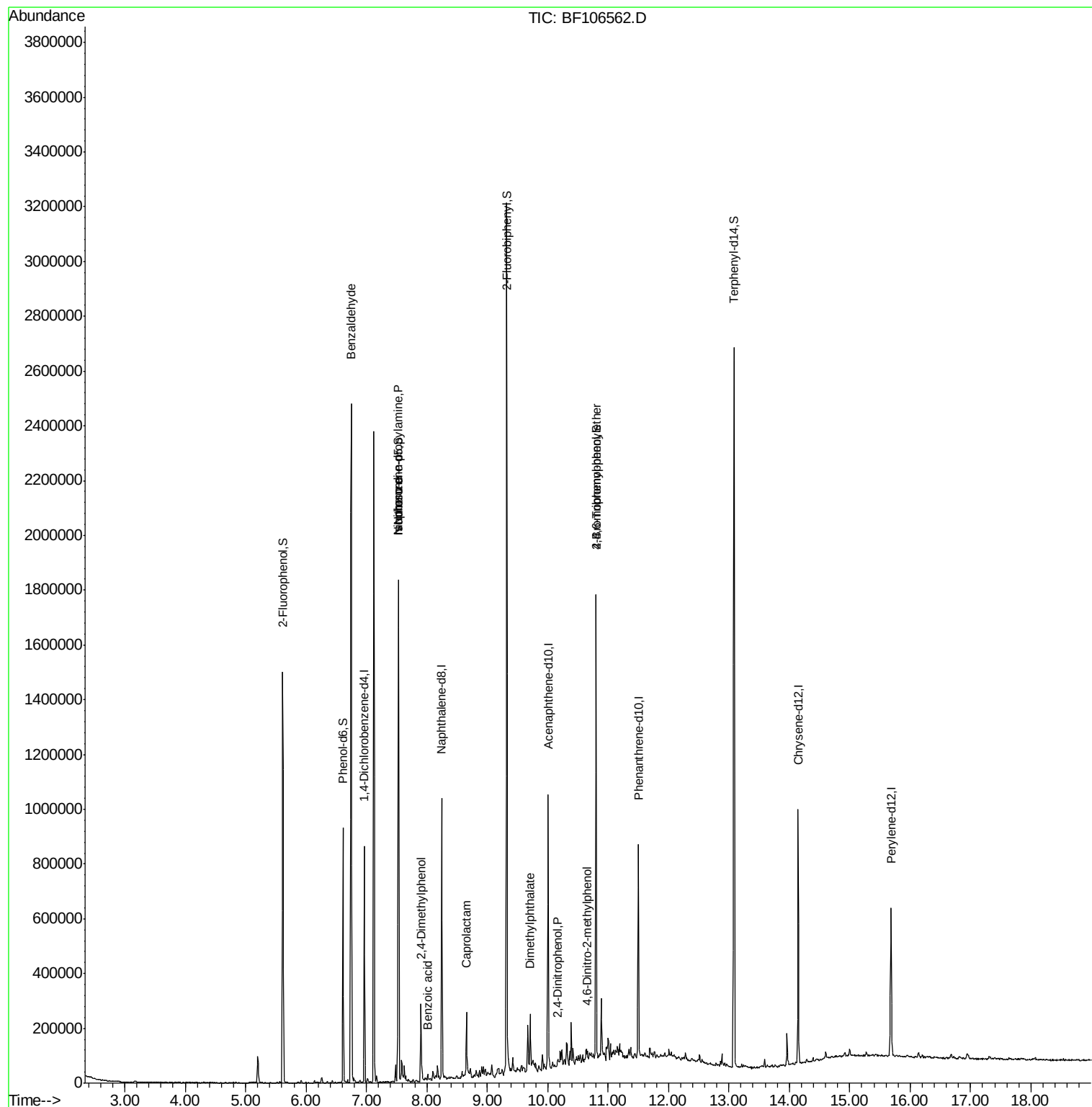
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	15845	2.427	ng	83
19) n-Nitroso-di-n-propylamine	7.53	70	94614	14.651	ng	# 74
25) Isophorone	7.53	82	690411	50.729	ng	# 64
27) 2,4-Dimethylphenol	7.90	122	57219	9.931	ng	96
32) Benzoic acid	8.01	122	3058	7.899	ng	# 33
35) Caprolactam	8.65	113	13117	6.977	ng	# 58
49) Dimethylphthalate	9.71	163	60215	4.829	ng	99
53) 2,4-Dinitrophenol	10.15	184	155	8.732	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.67	198	152	6.385	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14633	4.717	ng	# 1

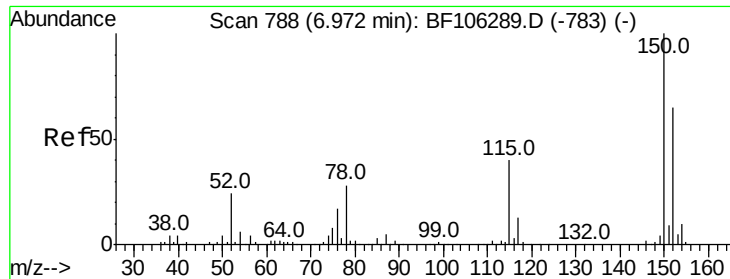
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106562.D
Acq On : 19 Jun 2018 2:49
Operator : JU/SJ
Sample : J3563-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 19 08:26:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration



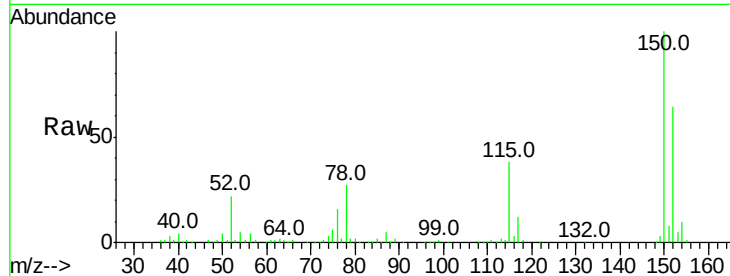


#1

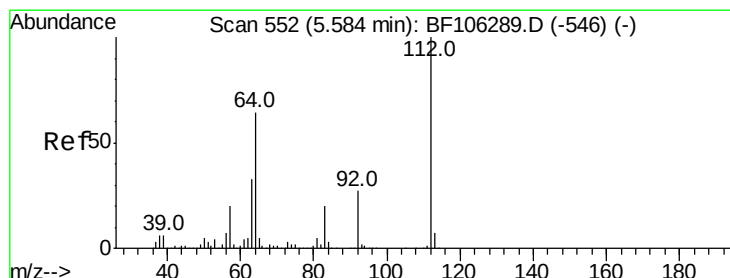
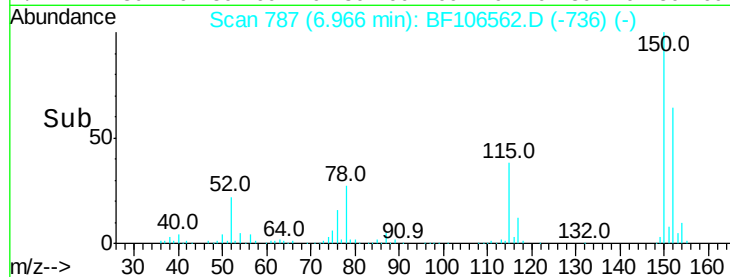
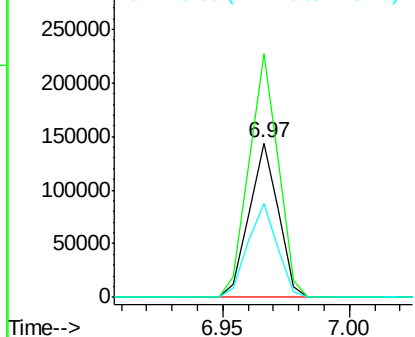
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115313
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.6 50.1 75.1



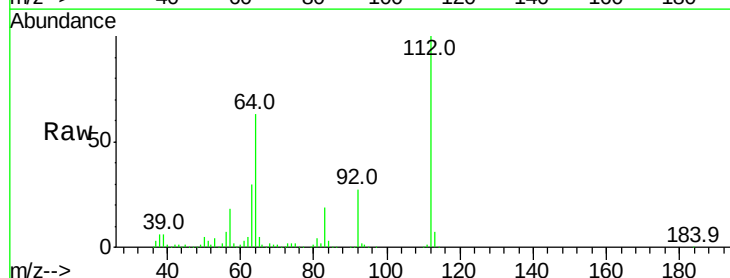
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



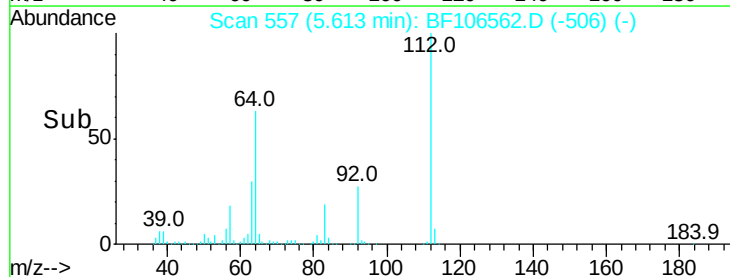
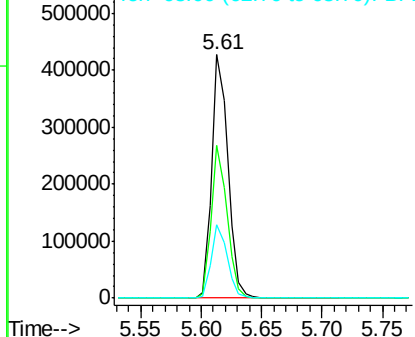
#5

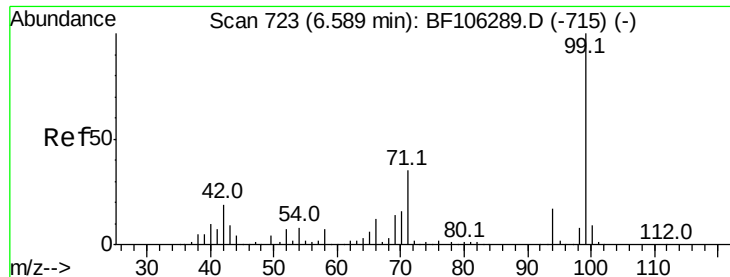
2-Fluorophenol
Concen: 58.046 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Tgt Ion:112 Resp: 395475
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 30.2 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: 35.084 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Instrument :

BNA_F

ClientSampleId :

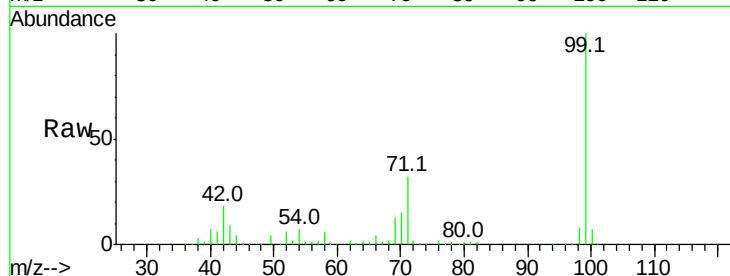
Tot Ion: 99 Resp: 301994

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

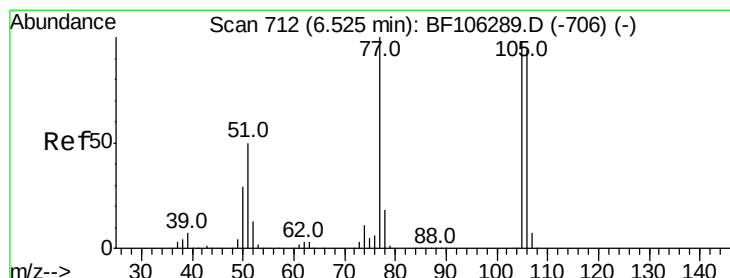
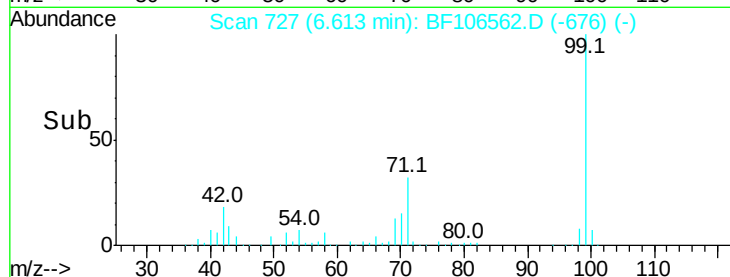
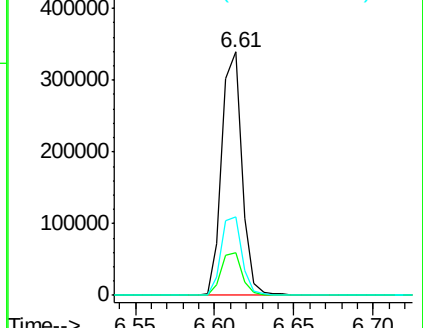
71 32.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.427 ng

RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

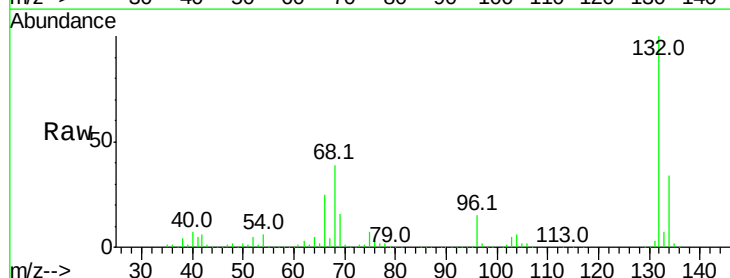
Tgt Ion: 77 Resp: 15845

Ion Ratio Lower Upper

77 100

105 83.0 81.1 121.1

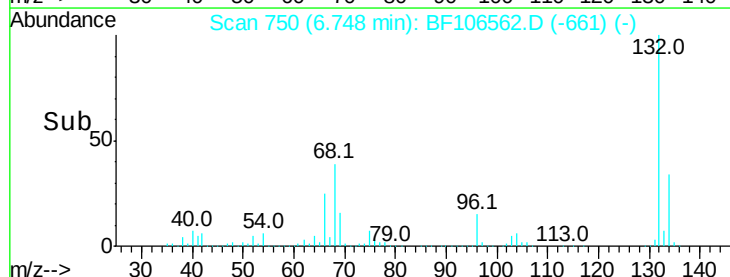
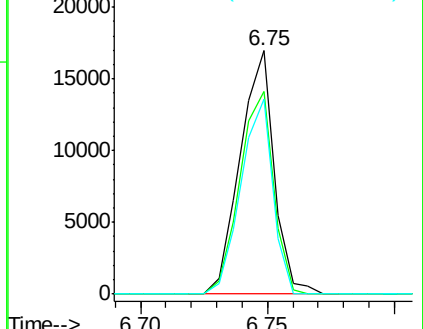
106 79.9 74.5 114.5

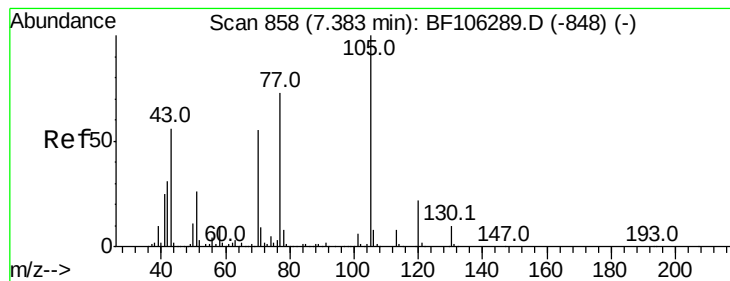


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 14.651 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 94614

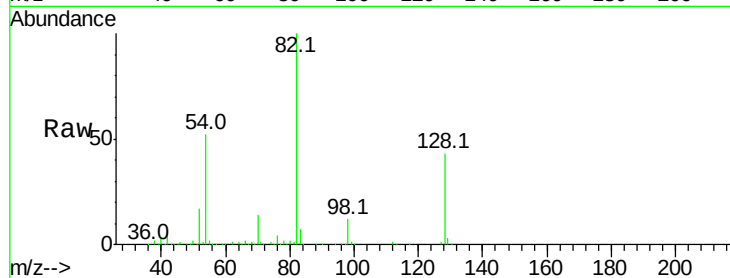
Ion Ratio Lower Upper

70 100

42 44.1 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

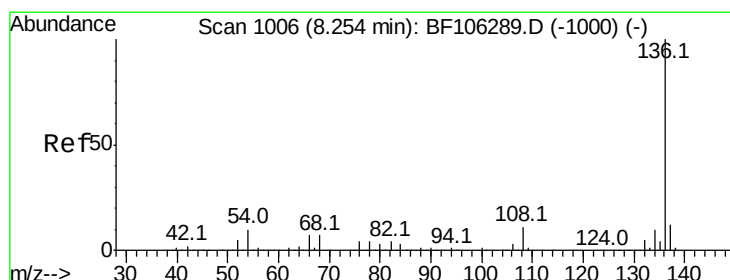
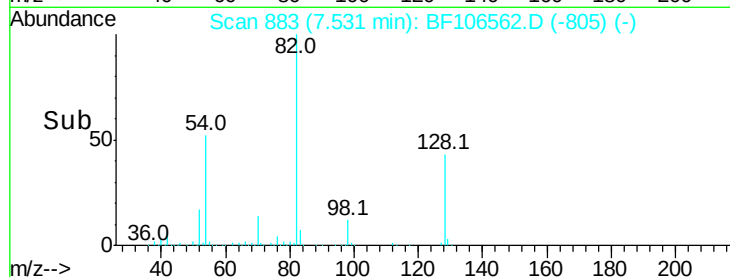
100000

7.53

50000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Tgt Ion: 136 Resp: 409910

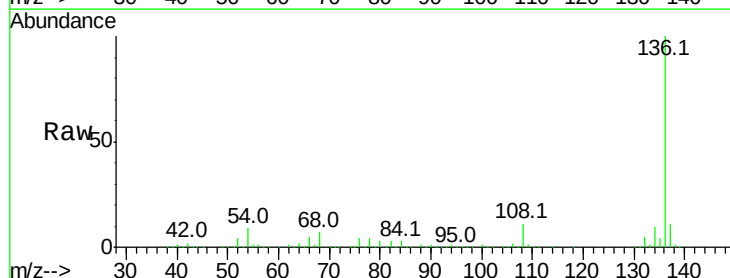
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 7.0 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

800000

8.25

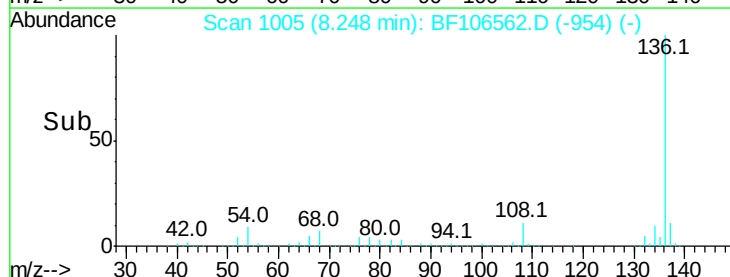
600000

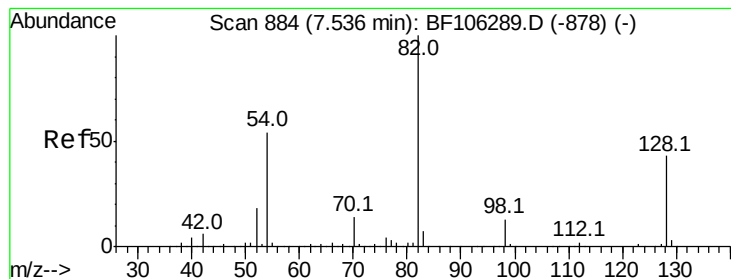
400000

200000

0

Time-->





#23

Nitrobenzene-d5

Concen: 99.086 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Instrument :

BNA_F

ClientSampled :

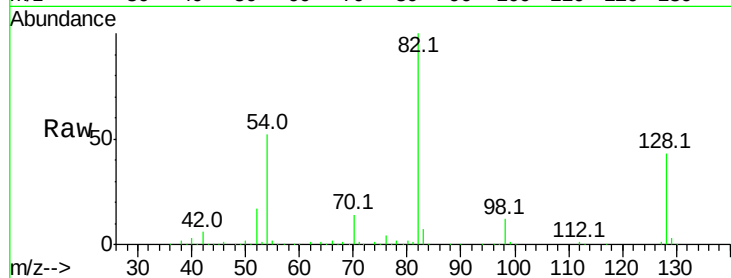
Tot Ion: 82 Resp: 690417

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

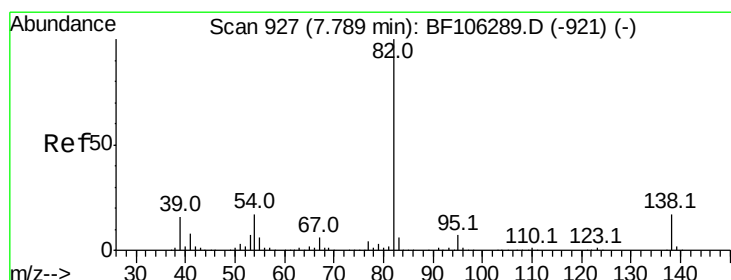
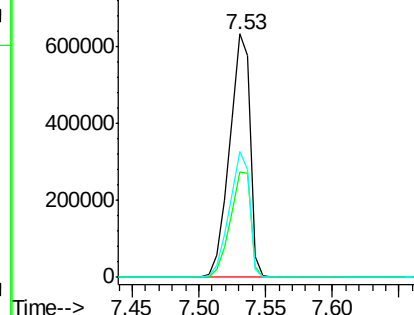
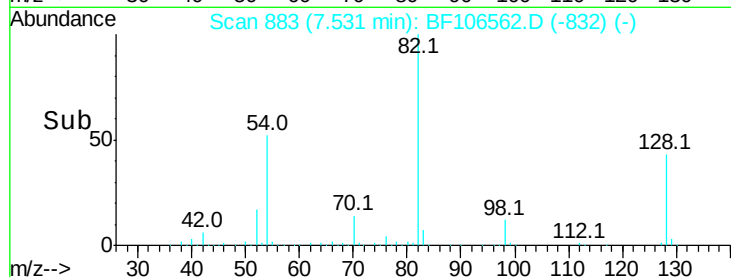
54 51.9 41.4 62.2



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: 50.729 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

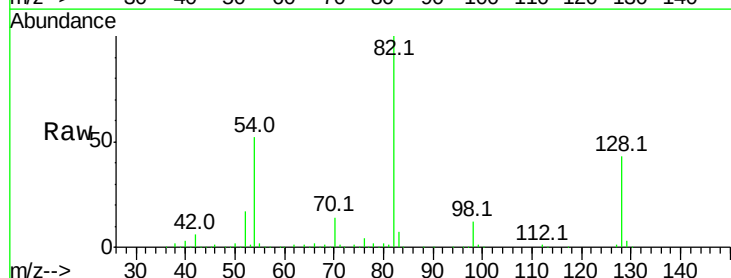
Tgt Ion: 82 Resp: 690411

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

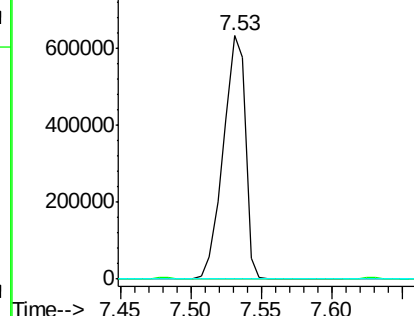
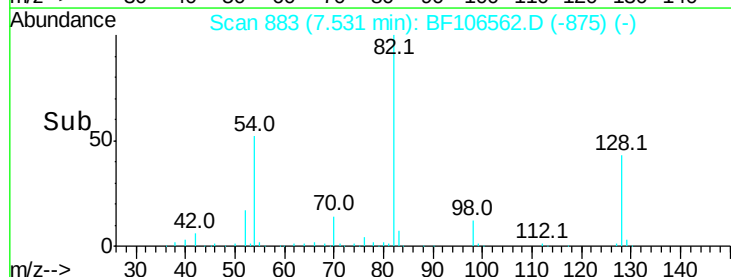
138 0.0 14.9 22.3#

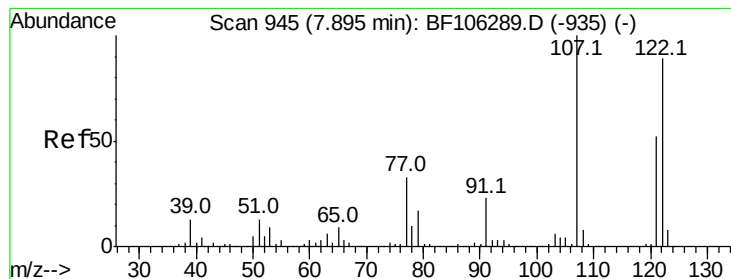


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

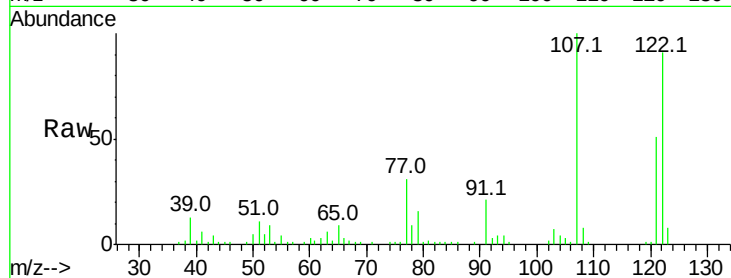




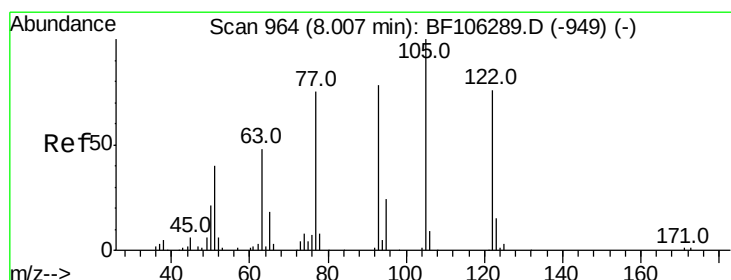
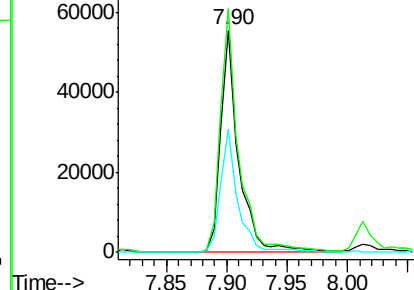
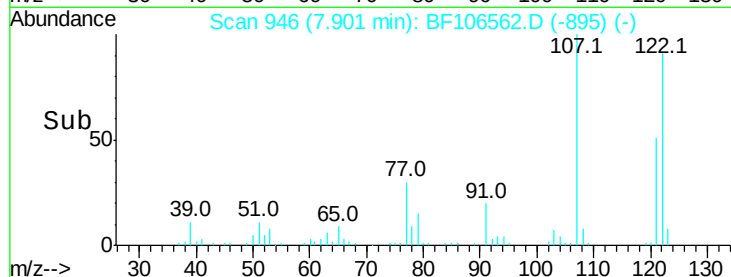
#27
2,4-Dimethylphenol
Concen: 9.931 ng
RT: 7.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 57219
Ion Ratio Lower Upper
122 100
107 109.5 91.2 136.8
121 55.3 47.2 70.8

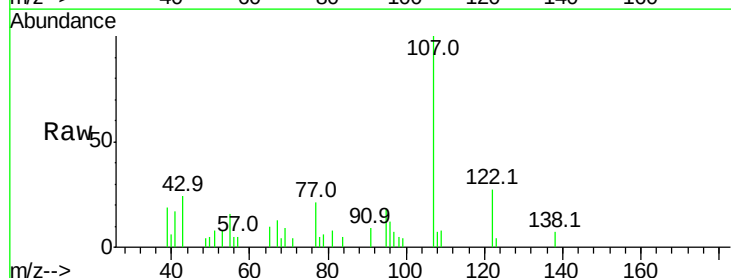


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

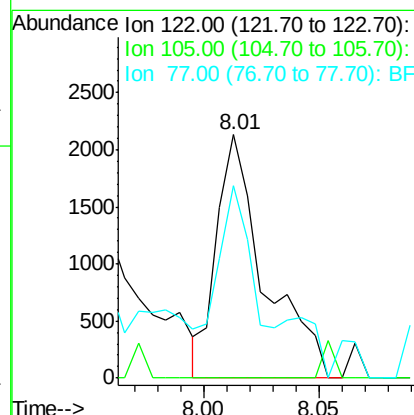
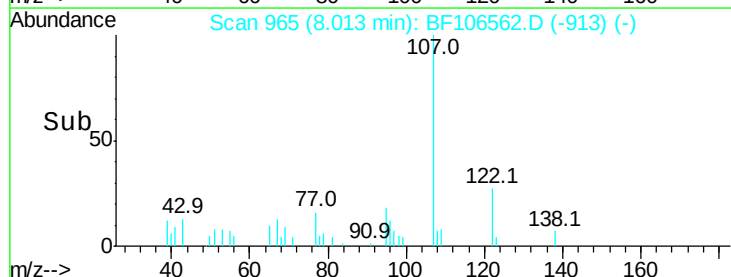


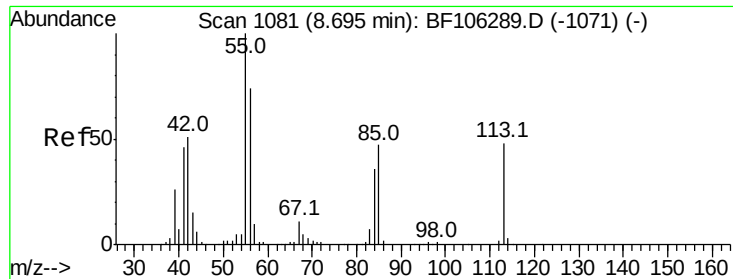
#32
Benzoic acid
Concen: 7.899 ng
RT: 8.01 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Tgt Ion:122 Resp: 3058
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 78.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

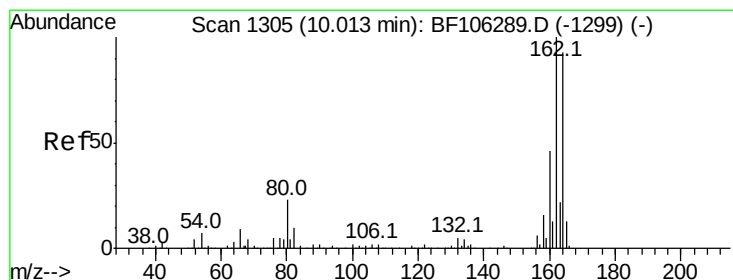
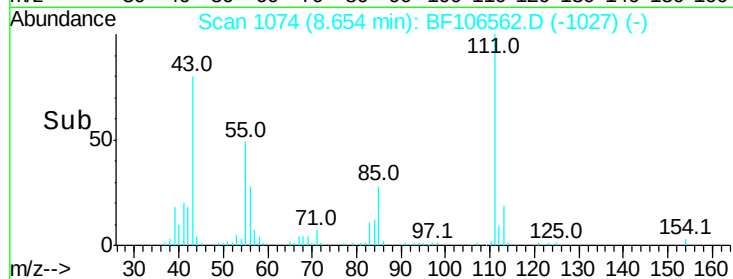
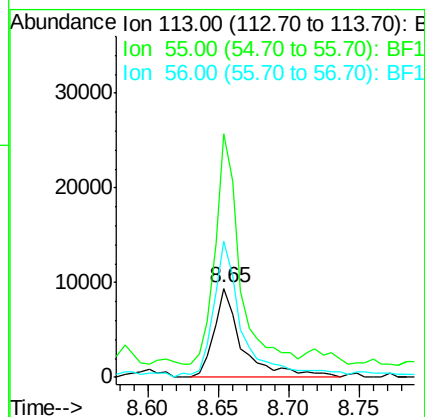
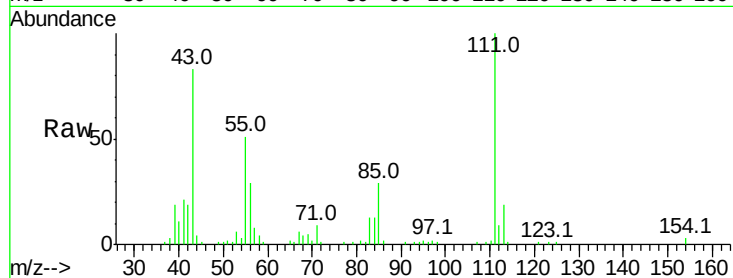




#35
 Caprolactam
 Concen: 6.977 ng
 RT: 8.65 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF106562.D
 Acq: 19 Jun 2018 2:49

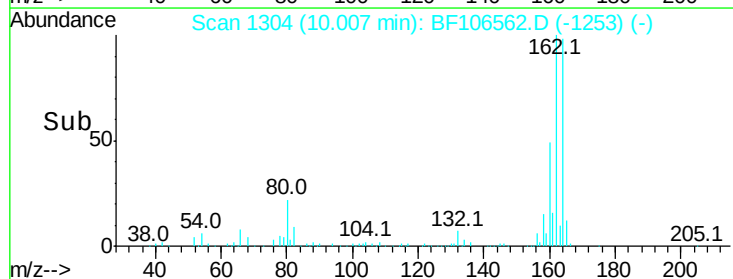
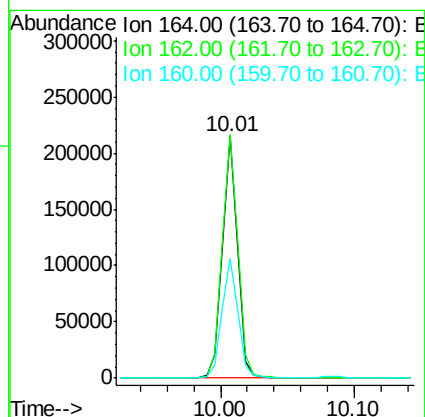
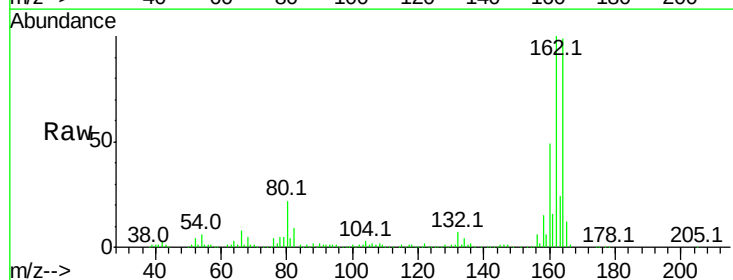
Instrument :
 BNA_F
 ClientSampleId :

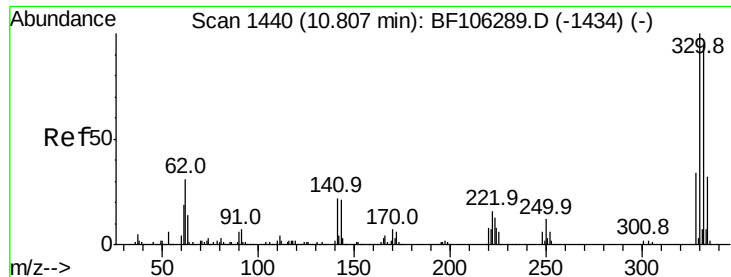
Tot Ion:113 Resp: 13117
 Ion Ratio Lower Upper
 113 100
 55 273.3 163.3 203.3#
 56 152.8 115.7 155.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106562.D
 Acq: 19 Jun 2018 2:49

Tgt Ion:164 Resp: 174521
 Ion Ratio Lower Upper
 164 100
 162 100.6 86.1 129.1
 160 49.3 38.3 57.5

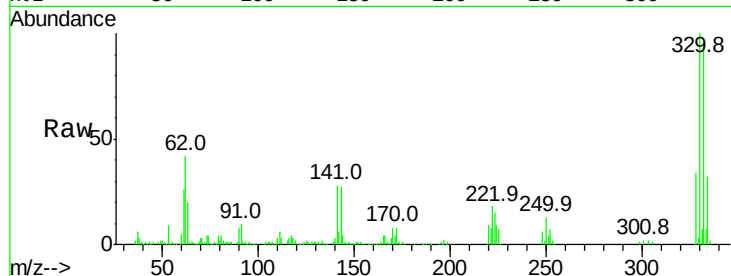




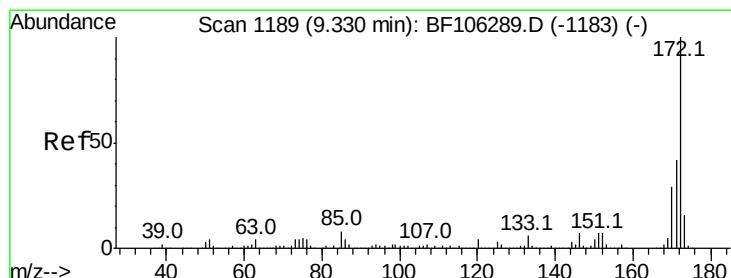
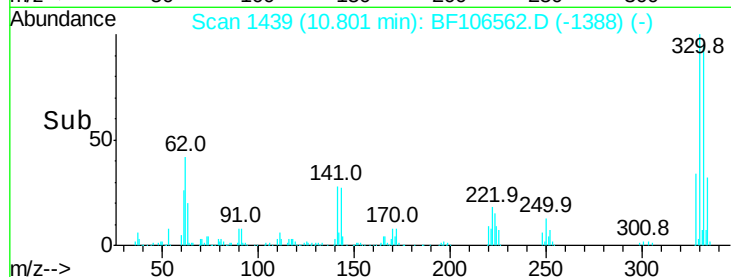
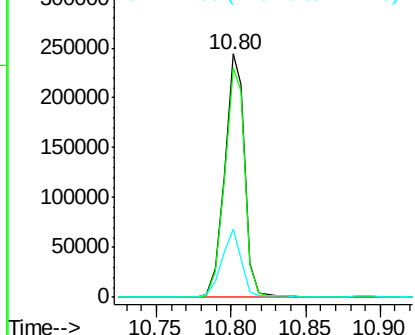
#41
 2,4,6-Tribromophenol
 Concen: 138.278 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106562.D
 Acq: 19 Jun 2018 2:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.2	29.9	44.9#

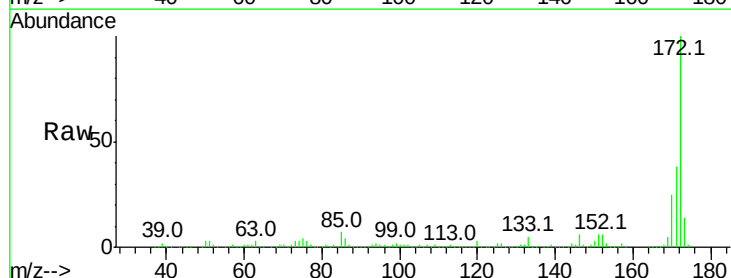


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

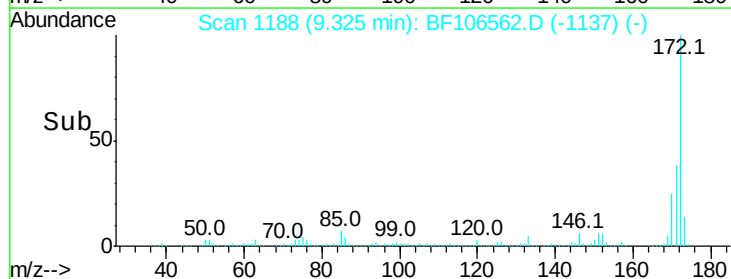
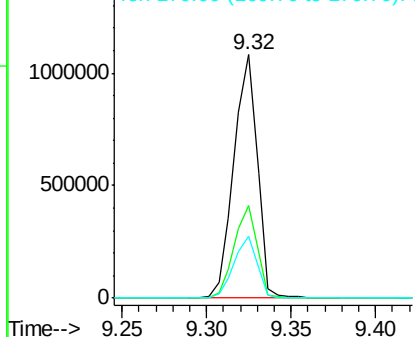


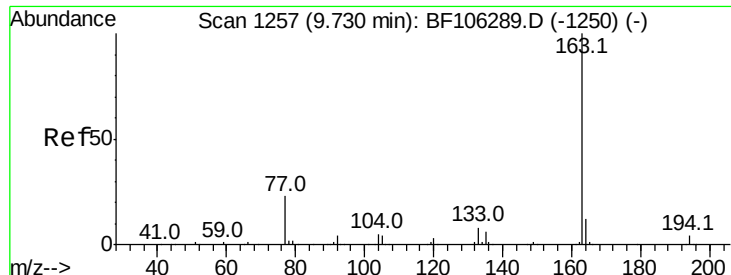
#44
 2-Fluorobiphenyl
 Concen: 122.169 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106562.D
 Acq: 19 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.4	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

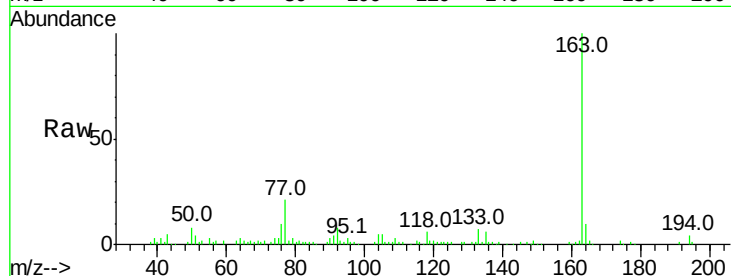




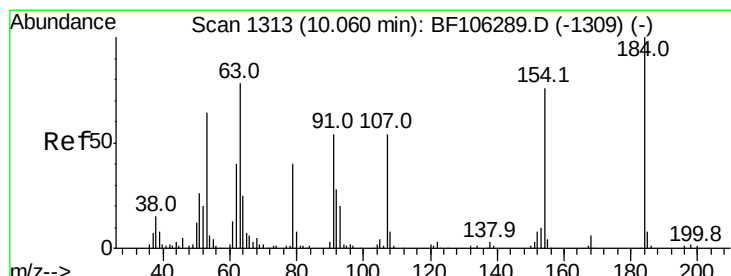
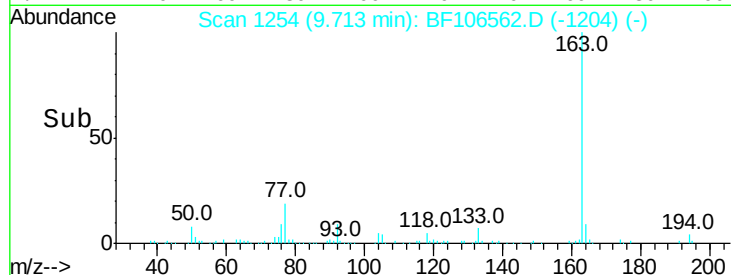
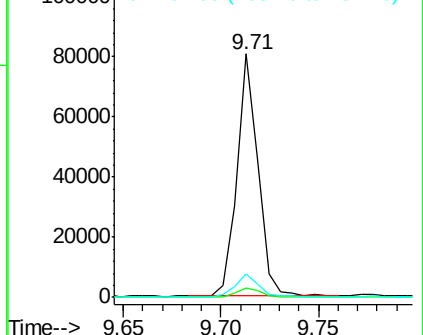
#49
Dimethylphthalate
Concen: 4.829 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 60215
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.2 12.2

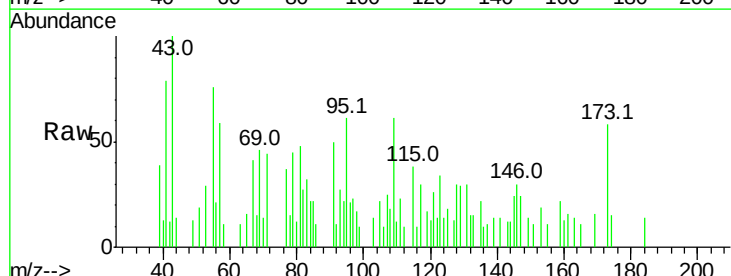


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

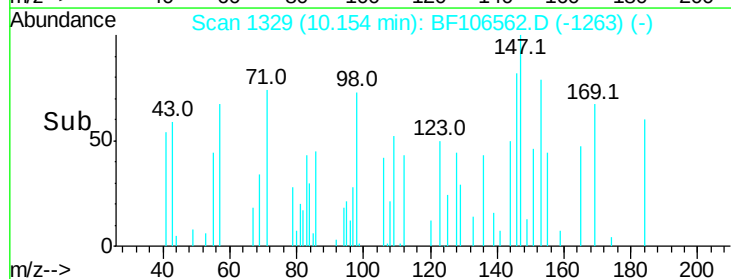
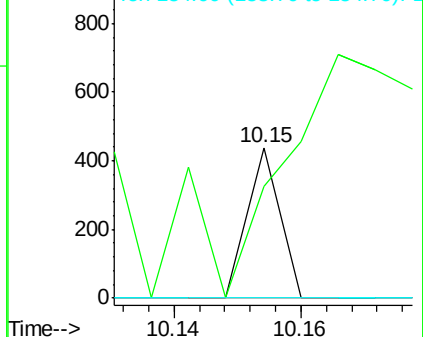


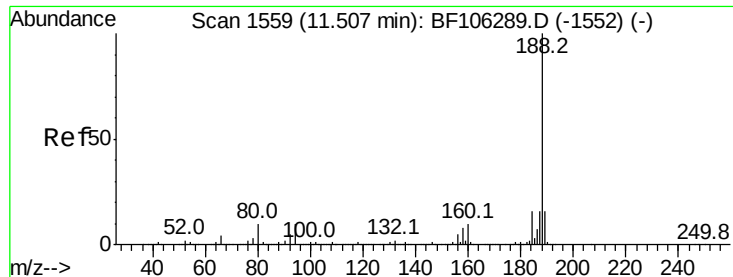
#53
2,4-Dinitrophenol
Concen: 8.732 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.09 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Tgt Ion:184 Resp: 155
Ion Ratio Lower Upper
184 100
63 73.8 54.2 81.2
154 0.0 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Instrument :

BNA_F

ClientSampleId :

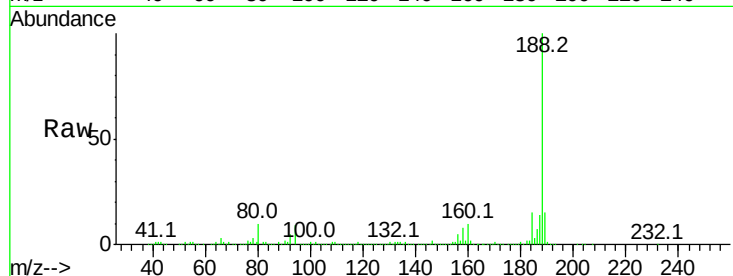
Tot Ion:188 Resp: 272761

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

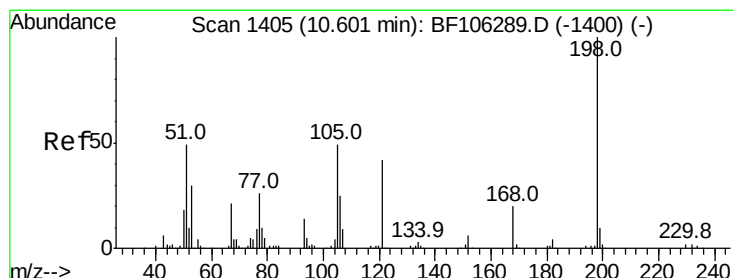
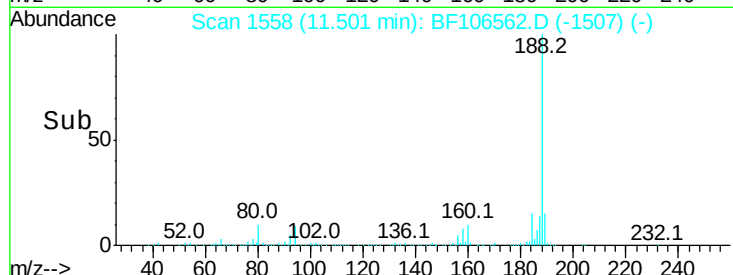
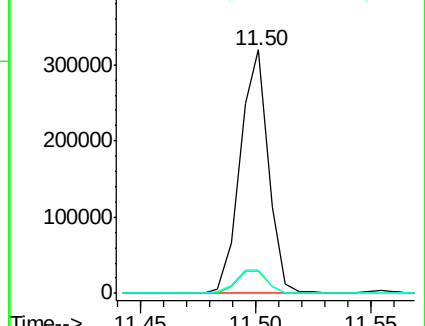
80 9.9 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.385 ng

RT: 10.67 min Scan# 1416

Delta R.T. 0.06 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

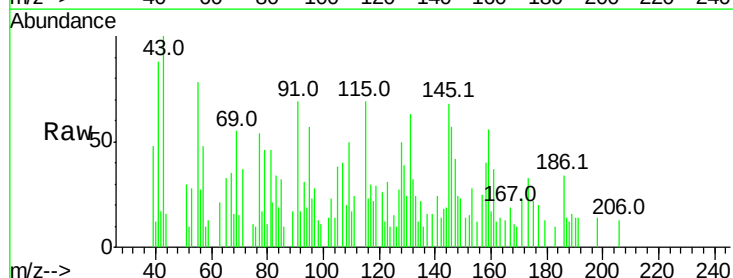
Tgt Ion:198 Resp: 152

Ion Ratio Lower Upper

198 100

51 211.8 37.7 77.7#

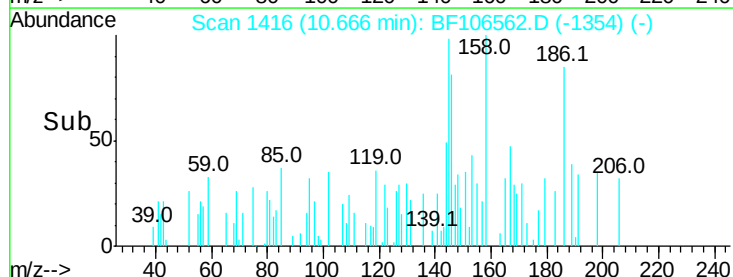
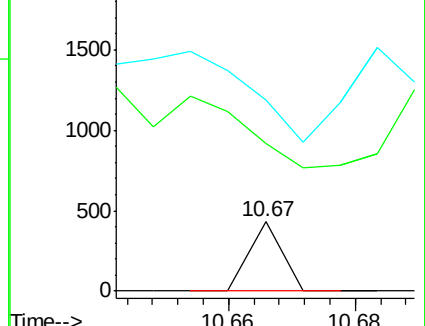
105 275.0 36.3 76.3#

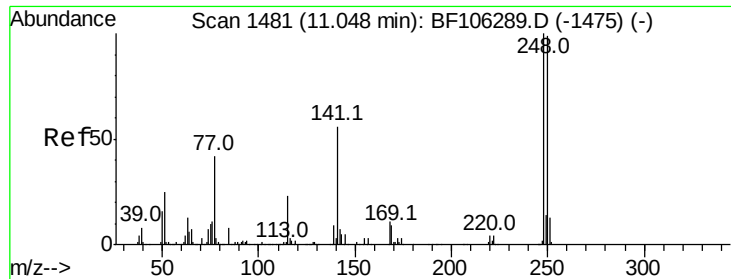


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

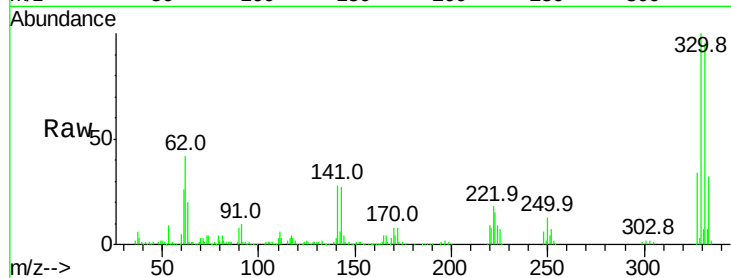




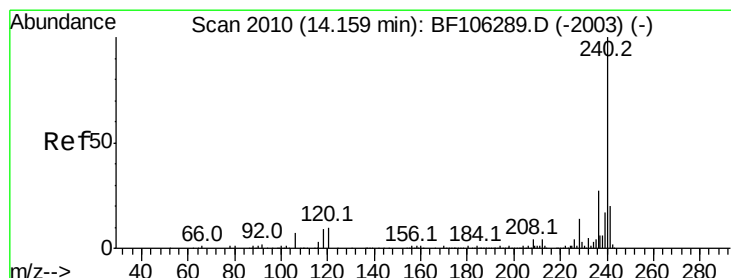
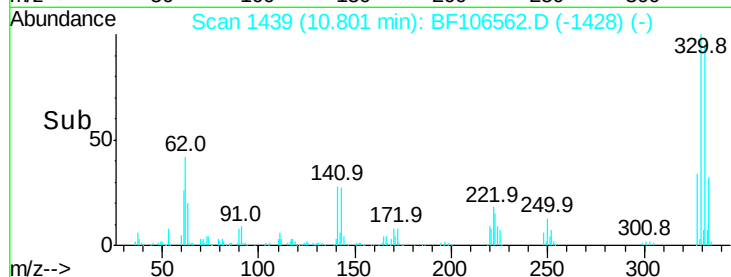
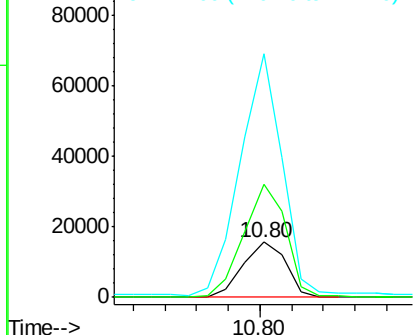
#66
4-Bromophenyl-phenylether
Concen: 4.717 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14633
Ion Ratio Lower Upper
248 100
250 203.7 76.9 115.3#
141 440.8 74.4 111.6#

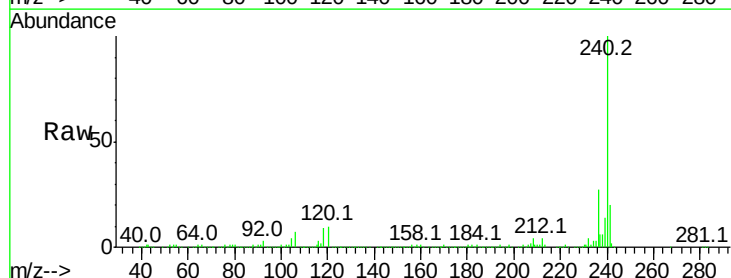


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

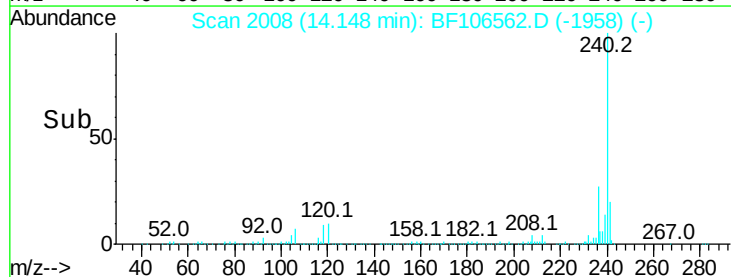
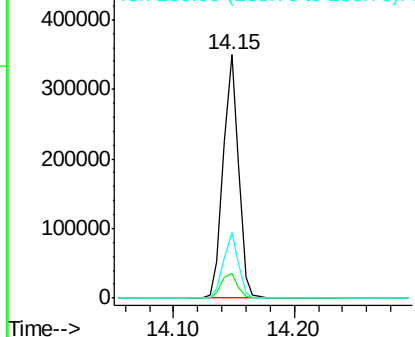


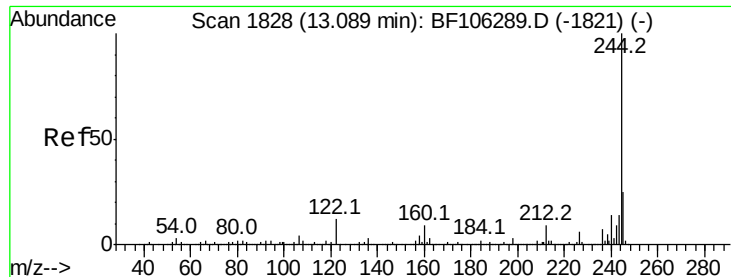
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106562.D
Acq: 19 Jun 2018 2:49

Tgt Ion:240 Resp: 306188
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.7 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: 82.769 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

Instrument :

BNA_F

ClientSampled :

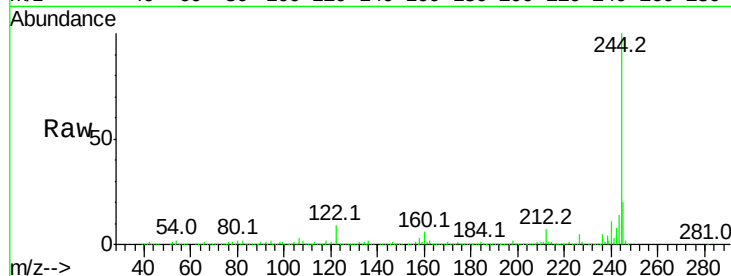
Tot Ion:244 Resp: 1020333

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

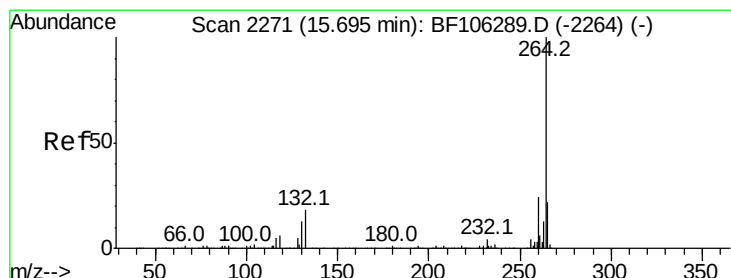
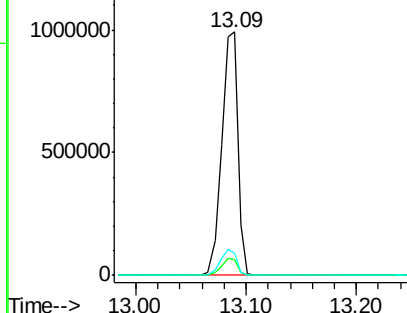
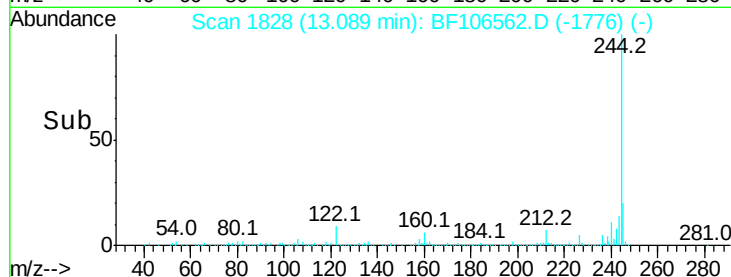
122 9.0 11.0 16.4#



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: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106562.D

Acq: 19 Jun 2018 2:49

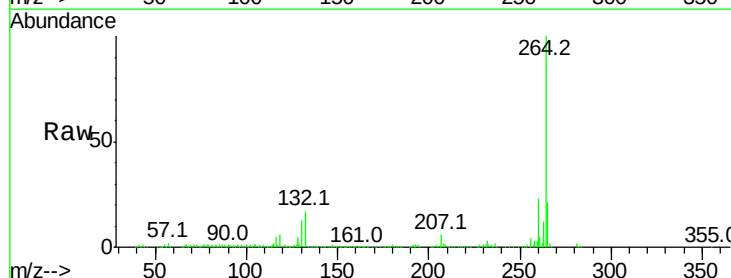
Tgt Ion:264 Resp: 260808

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 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

