

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106797.D
 Acq On : 26 Jun 2018 2:44
 Operator : JU/SJ
 Sample : J3534-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 05:23:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

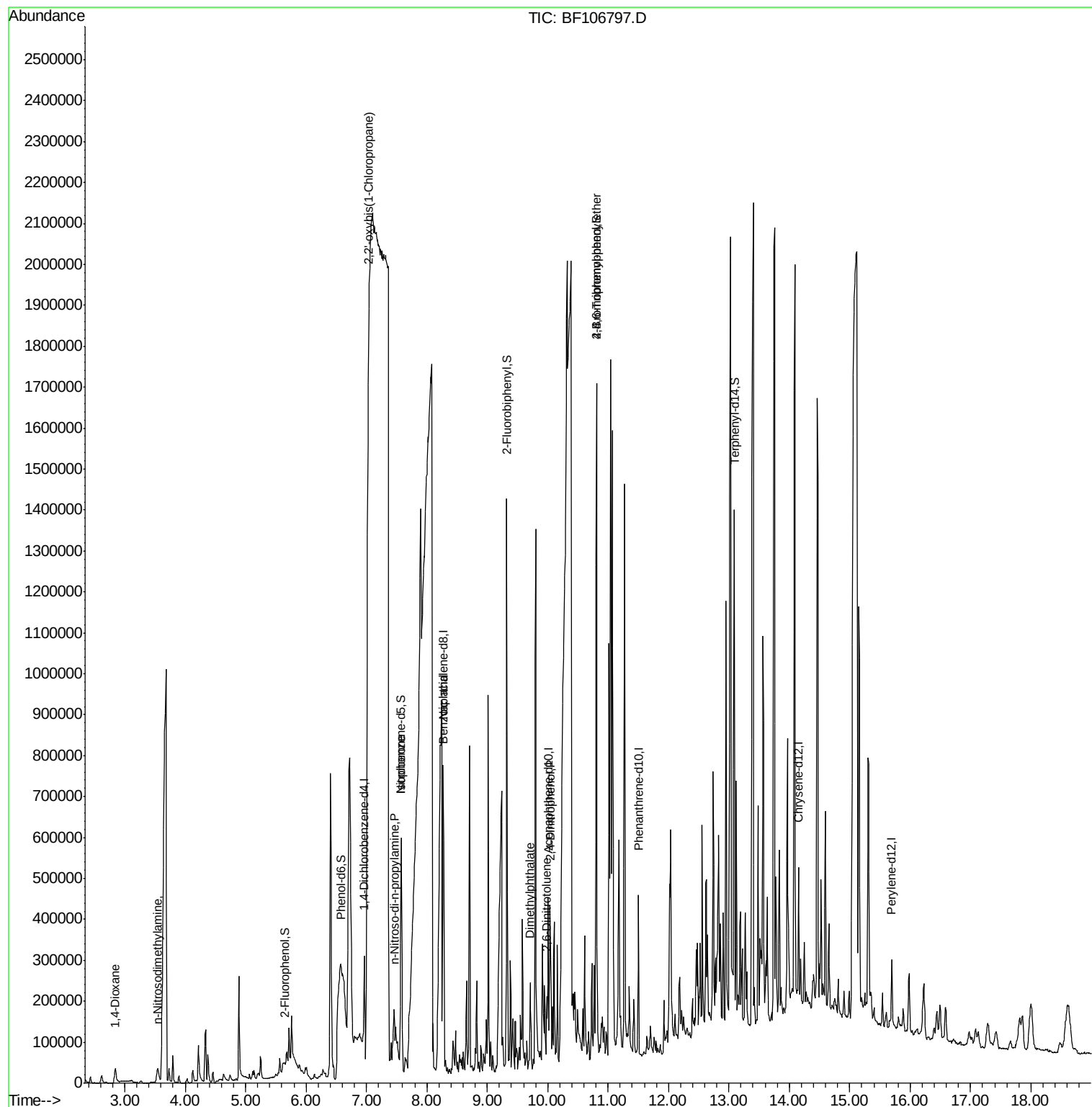
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	50762	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	162602	20.00	ng	0.02
38) Acenaphthene-d10	10.01	164	75663	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	138504	20.00	ng	0.00
75) Chrysene-d12	14.15	240	115104	20.00	ng	-0.01
86) Perylene-d12	15.69	264	82194	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	28075	9.37	ng	0.05
7) Phenol-d6	6.57	99	501348	133.92	ng	-0.04
23) Nitrobenzene-d5	7.58	82	273767	93.57	ng	0.04
41) 2,4,6-Tribromophenol	10.81	330	70237	80.09	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	466921	108.54	ng	0.00
78) Terphenyl-d14	13.09	244	506734	106.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.83	88	7319	4.749	ng	# 1
4) n-Nitrosodimethylamine	3.54	42	13607	7.665	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	7.04	45	20854	4.506	ng	# 86
19) n-Nitroso-di-n-propylamine	7.45	70	6659	2.698	ng	# 68
25) Isophorone	7.58	82	273767	53.098	ng	# 64
32) Benzoic acid	8.28	122	163782	96.700	ng	# 94
49) Dimethylphthalate	9.71	163	21812	3.844	ng	# 98
50) 2,6-Dinitrotoluene	9.98	165	3561	2.963	ng	# 45
53) 2,4-Dinitrophenol	10.04	184	354	5.882	ng	# 27
66) 4-Bromophenyl-phenylether	10.80	248	4201	2.541	ng	# 1

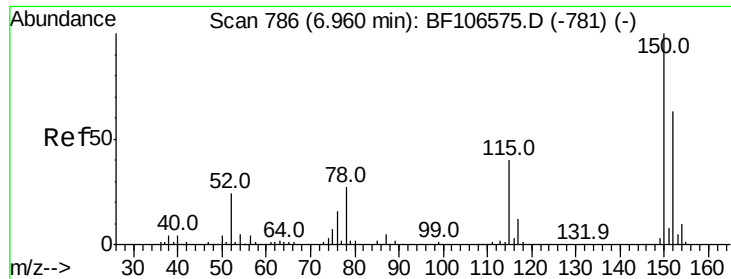
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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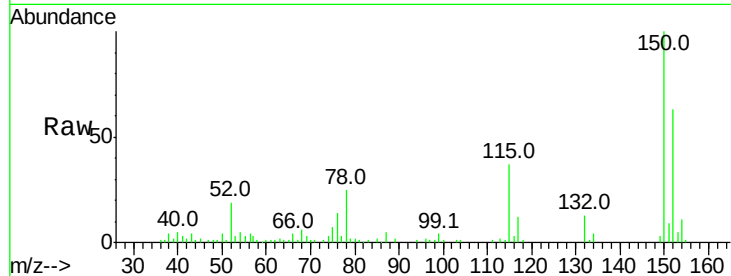


#1

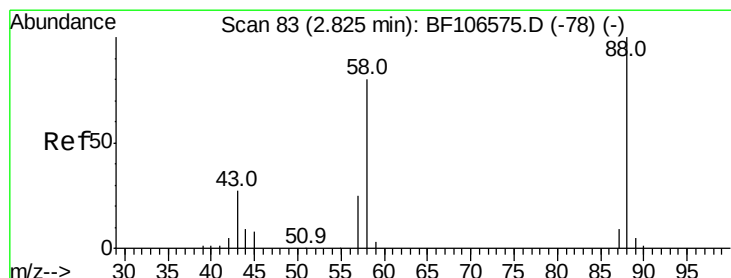
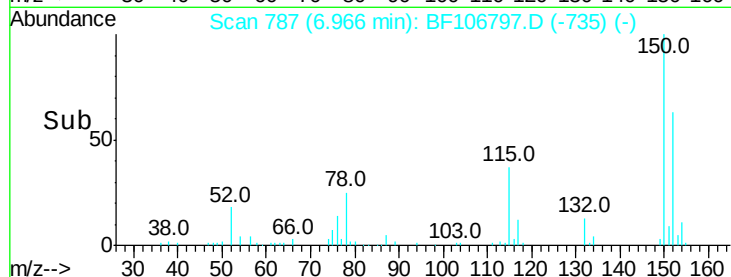
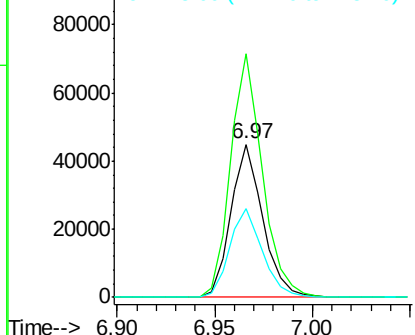
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	58.1	50.1	75.1



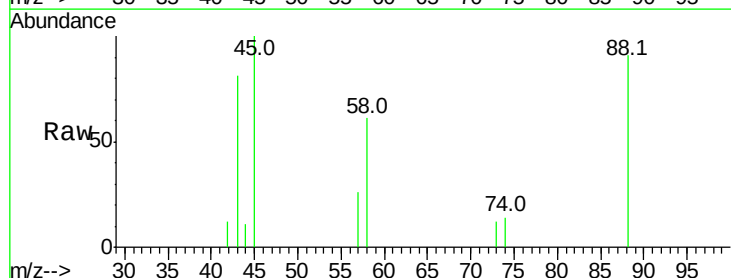
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



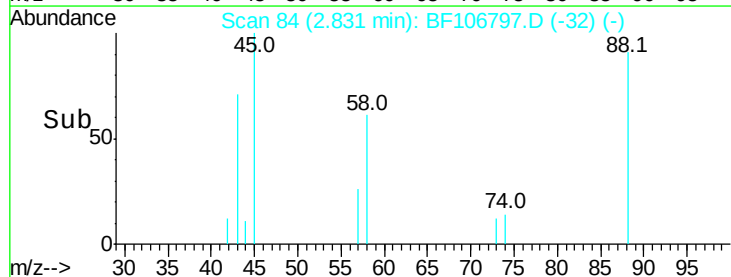
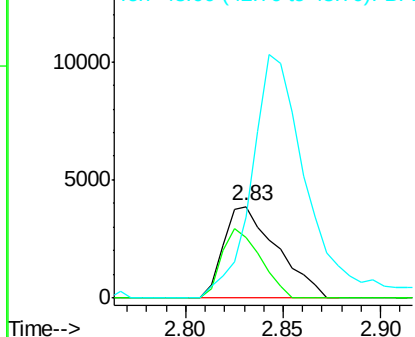
#2

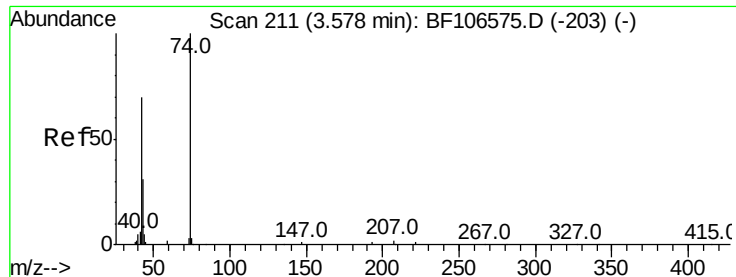
1,4-Dioxane
Concen: 4.749 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.2	62.6	93.8#
43	282.0	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





#4

n-Nitrosodimethylamine

Concen: 7.665 ng

RT: 3.54 min Scan# 205

Delta R.T. -0.05 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

Instrument :

BNA_F

ClientSampleId :

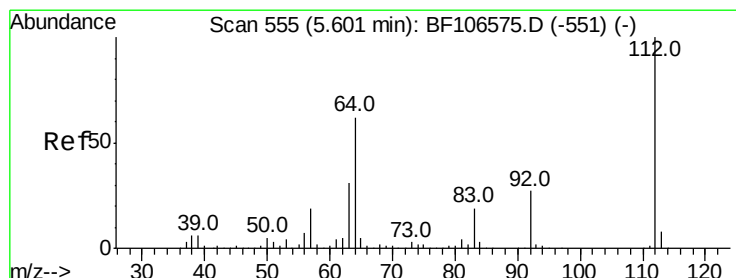
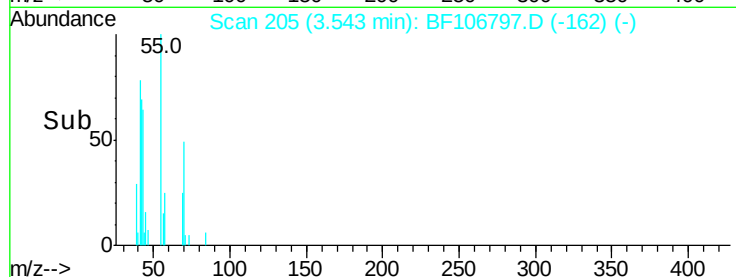
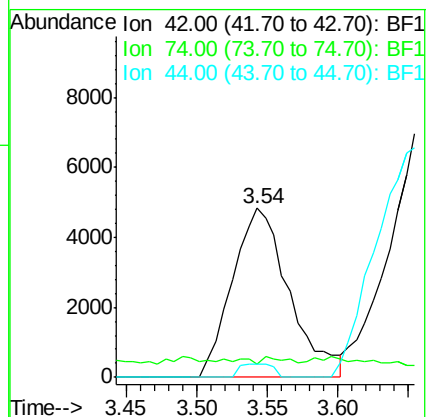
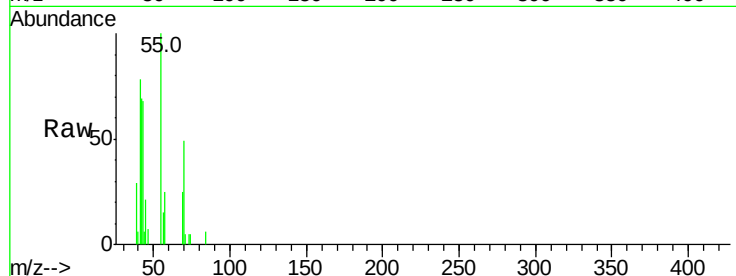
Tot Ion: 42 Resp: 13607

Ion Ratio Lower Upper

42 100

74 7.8 104.9 157.3#

44 8.1 6.9 10.3



#5

2-Fluorophenol

Concen: 9.365 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.05 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

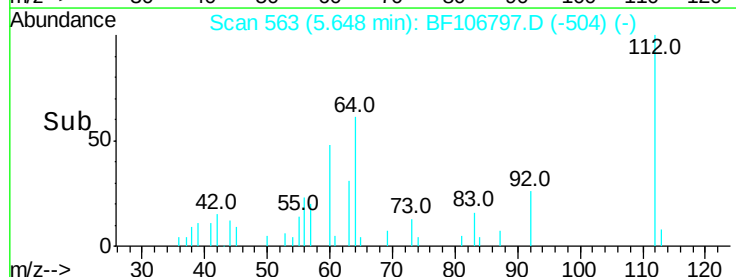
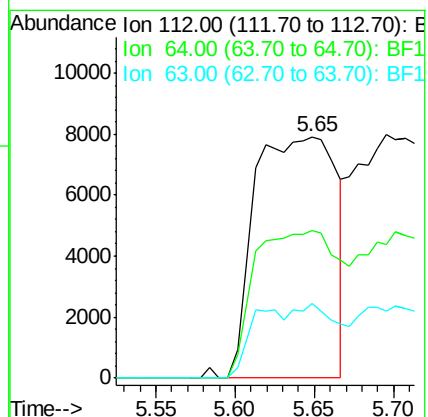
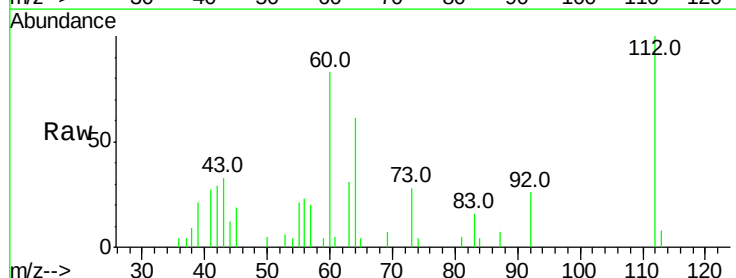
Tgt Ion: 112 Resp: 28075

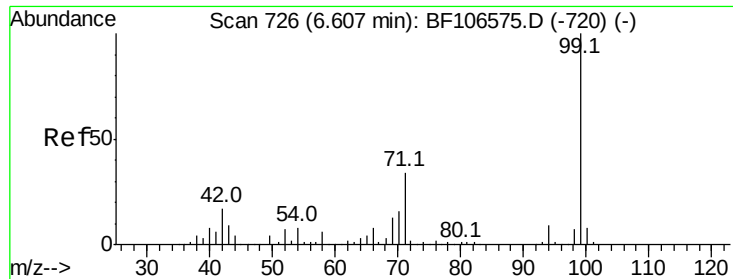
Ion Ratio Lower Upper

112 100

64 61.3 47.9 71.9

63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 133.920 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.04 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

Instrument :

BNA_F

ClientSampleId :

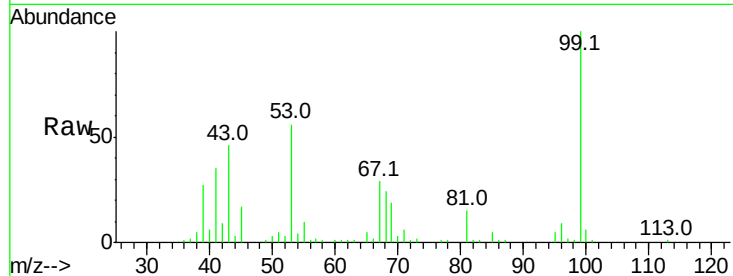
Tot Ion: 99 Resp: 501348

Ion Ratio Lower Upper

99 100

42 9.2 14.5 21.7#

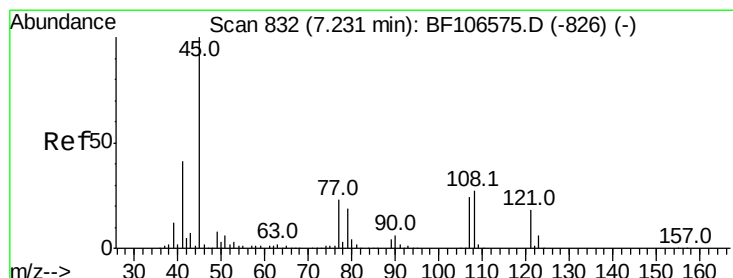
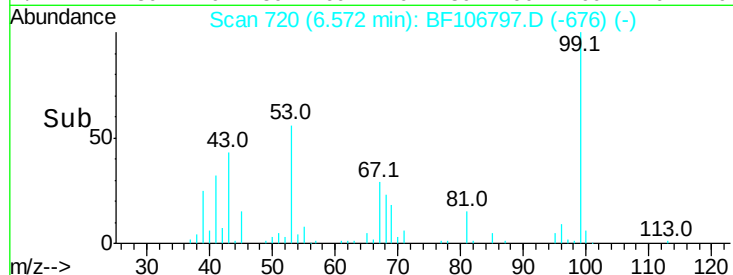
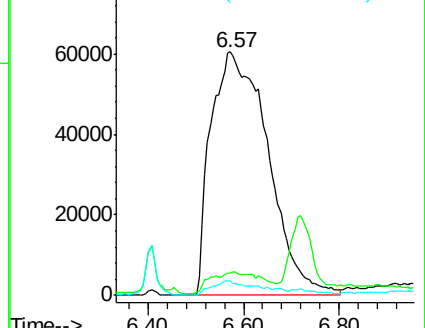
71 5.7 25.4 38.0#



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.506 ng

RT: 7.04 min Scan# 799

Delta R.T. -0.19 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

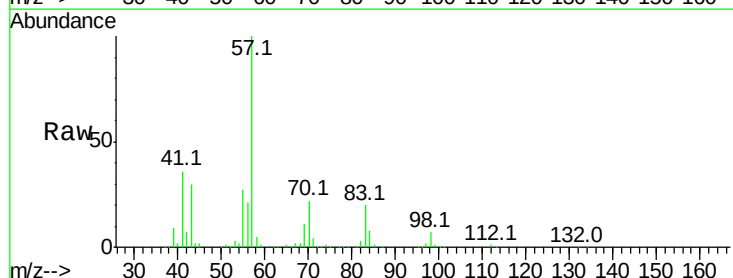
Tgt Ion: 45 Resp: 20854

Ion Ratio Lower Upper

45 100

77 16.3 0.0 32.9

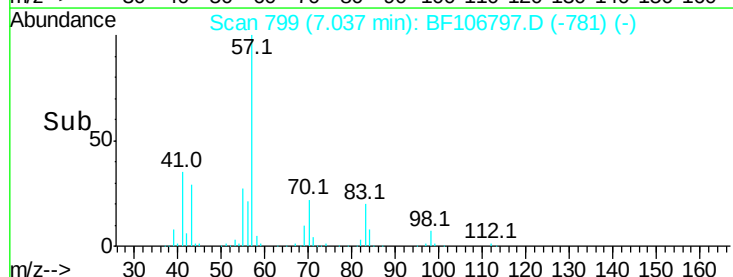
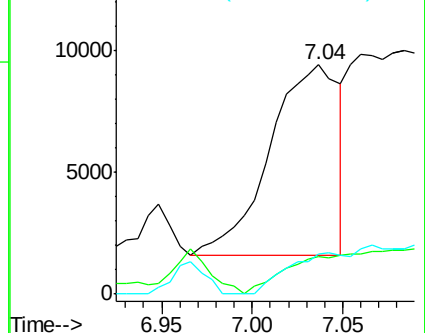
79 17.8 0.0 29.6

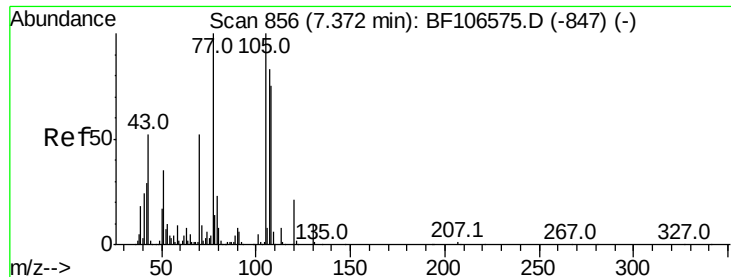


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 2.698 ng

RT: 7.45 min Scan# 870

Delta R.T. 0.07 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 6659

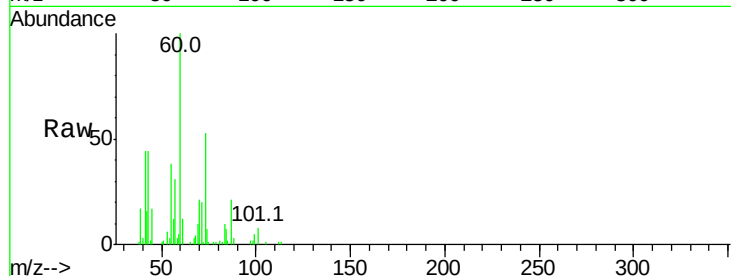
Ion Ratio Lower Upper

70 100

42 74.3 47.5 71.3#

101 37.5 7.4 11.2#

130 0.0 16.6 25.0#

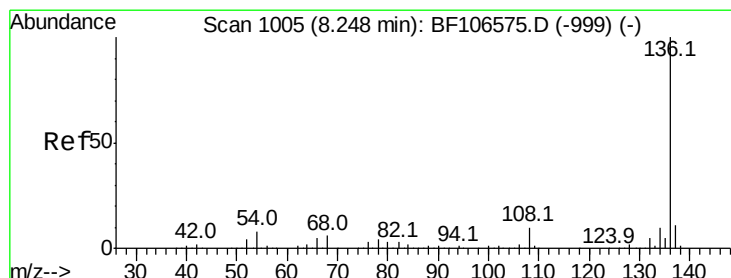
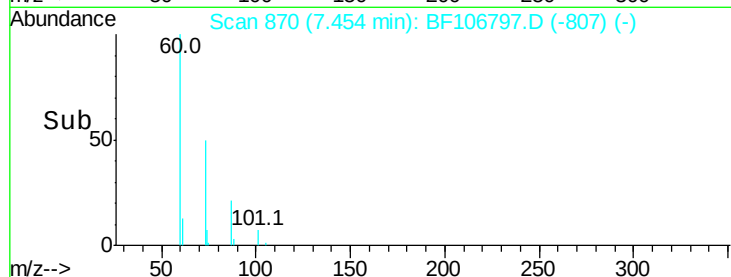
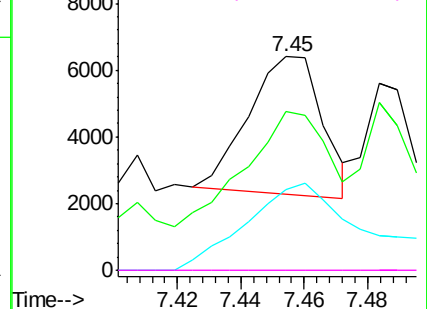


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

Tgt Ion: 136 Resp: 162602

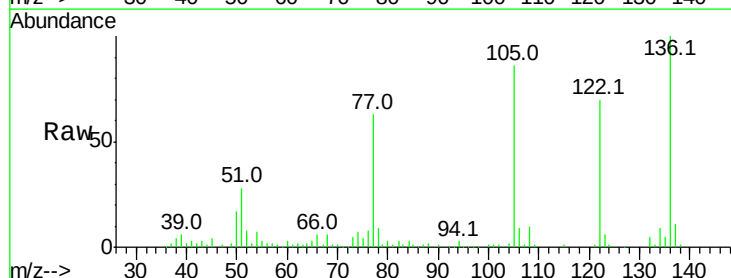
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

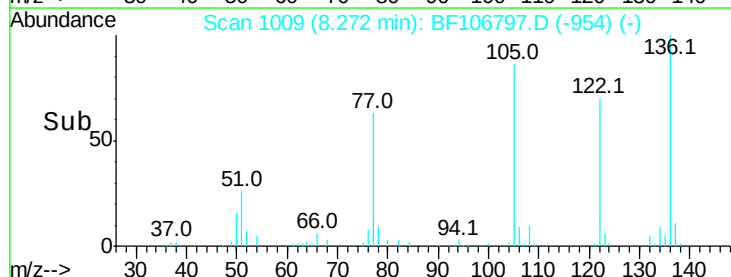
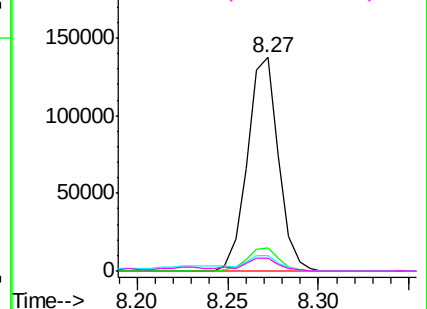


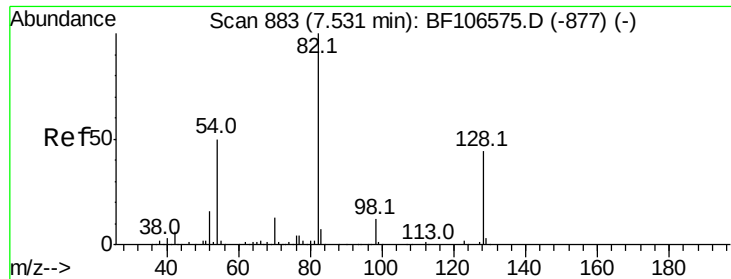
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

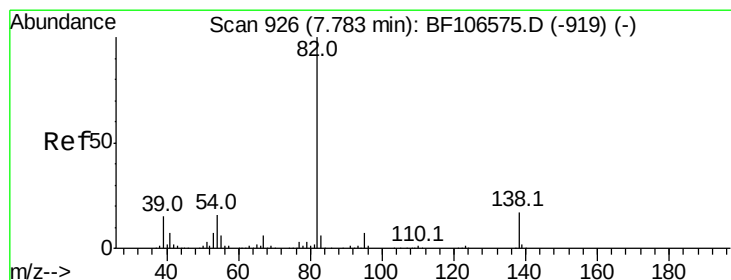
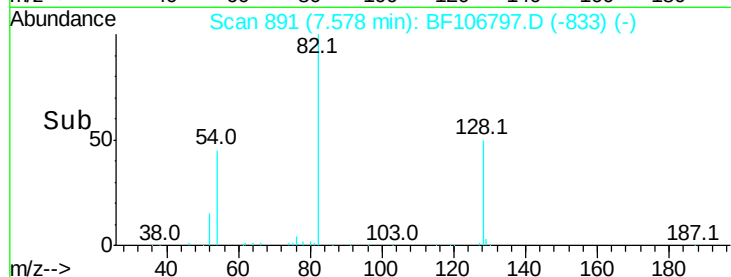
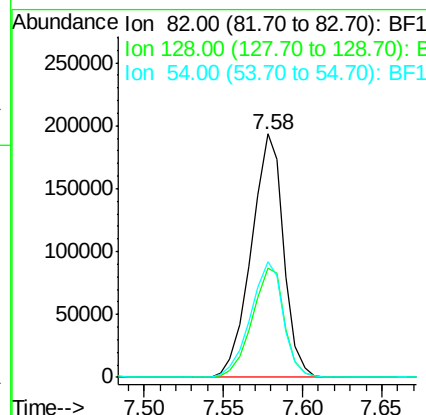
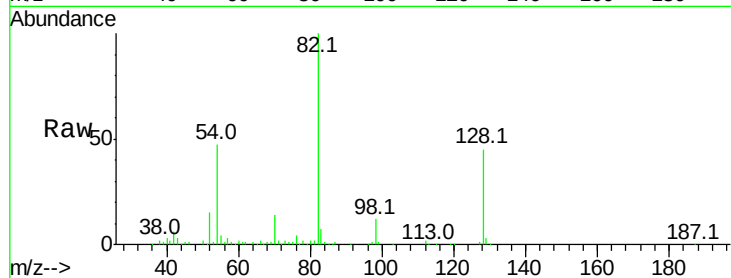




#23
 Nitrobenzene-d5
 Concen: 93.567 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.04 min
 Lab File: BF106797.D
 Acq: 26 Jun 2018 2:44

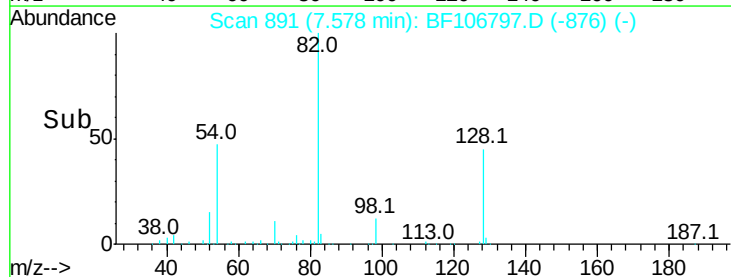
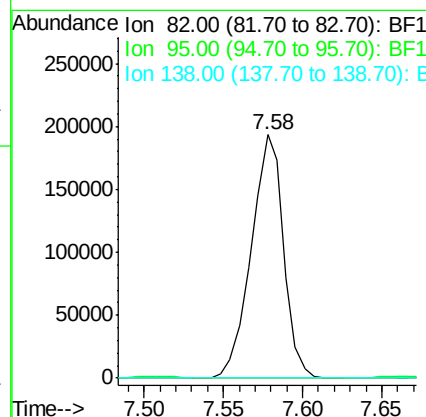
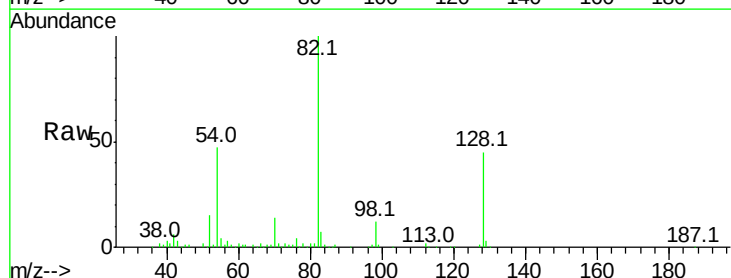
Instrument :
 BNA_F
 ClientSampleId :

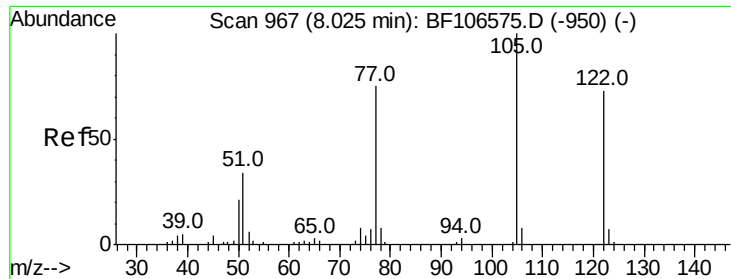
Tot Ion	82	Resp	273767
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	47.4	41.4	62.2



#25
 Isophorone
 Concen: 53.098 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.21 min
 Lab File: BF106797.D
 Acq: 26 Jun 2018 2:44

Tgt Ion	82	Resp	273767
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

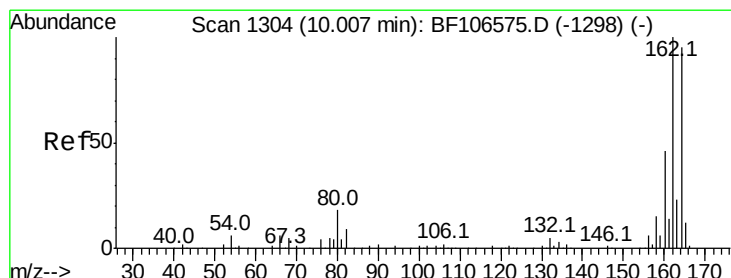
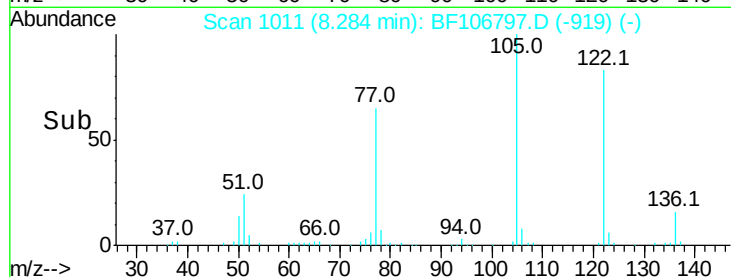
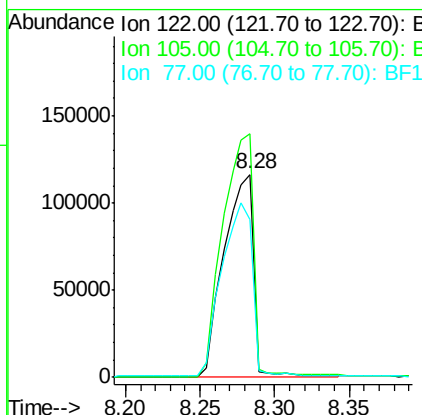
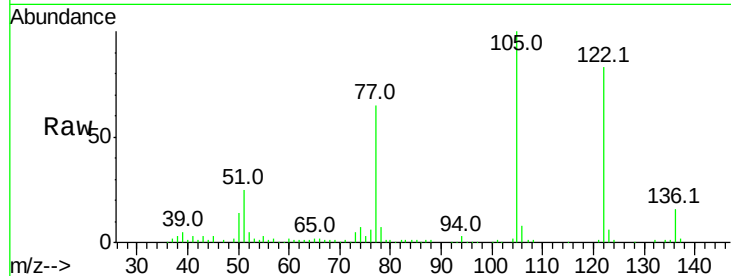




#32
Benzoic acid
Concen: 96.700 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.24 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

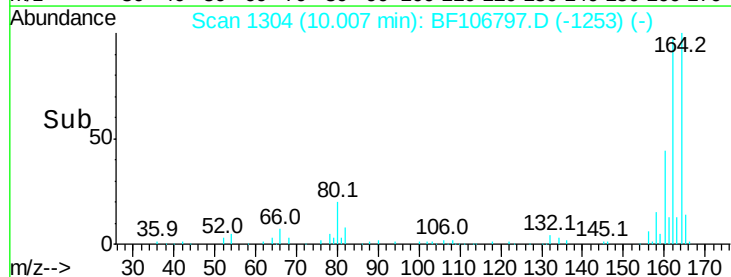
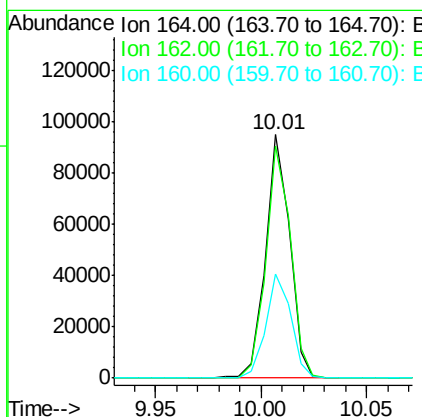
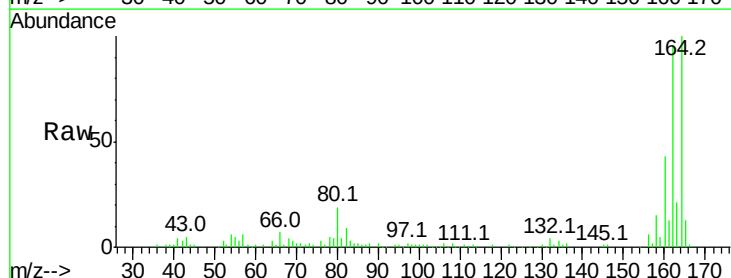
Instrument :
BNA_F
ClientSampleId :

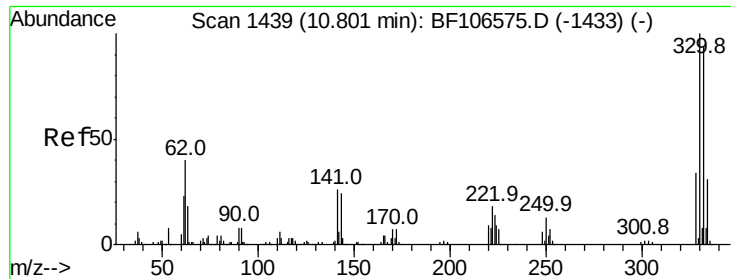
Tot Ion:122 Resp: 163782
Ion Ratio Lower Upper
122 100
105 120.1 101.1 141.1
77 78.1 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:164 Resp: 75663
Ion Ratio Lower Upper
164 100
162 95.6 86.1 129.1
160 43.0 38.3 57.5

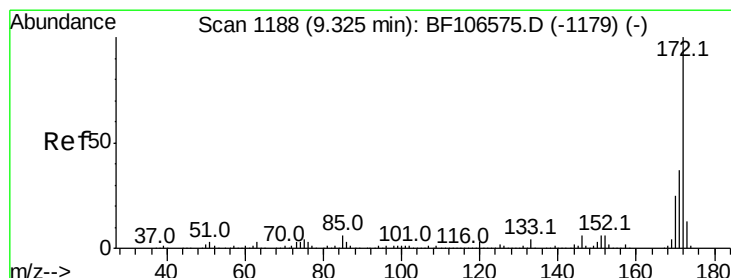
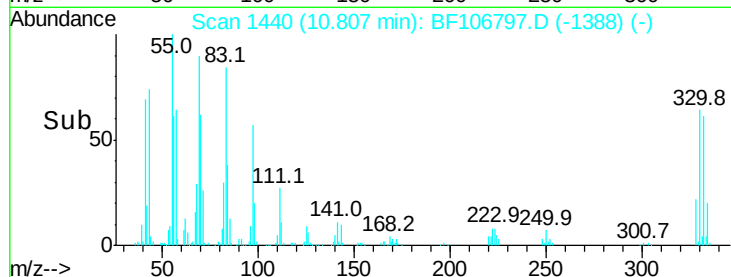
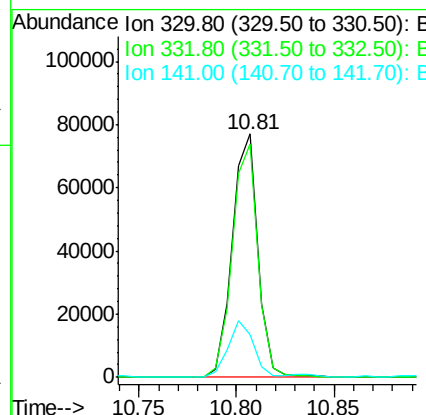
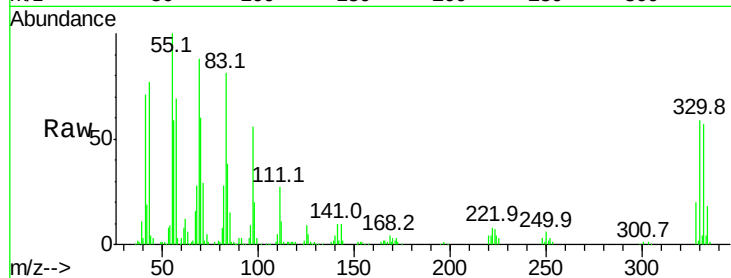




#41
 2,4,6-Tribromophenol
 Concen: 80.092 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106797.D
 Acq: 26 Jun 2018 2:44

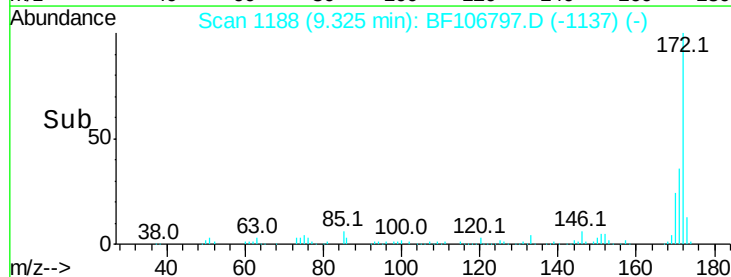
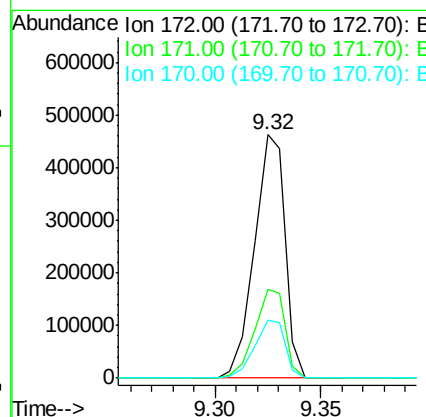
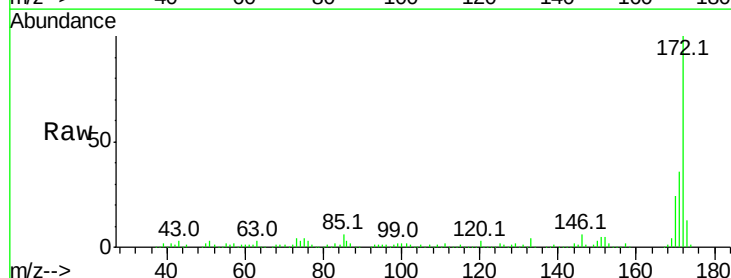
Instrument :
 BNA_F
 ClientSampled :

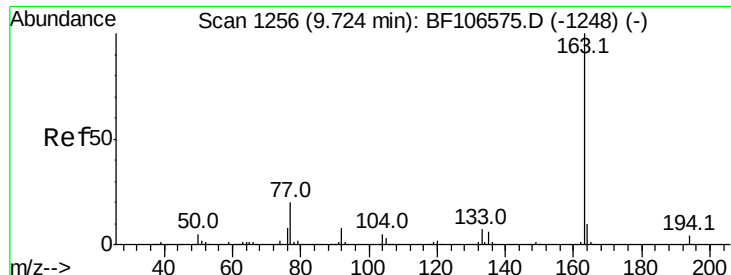
Tot Ion:330 Resp: 70237
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 23.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 108.538 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106797.D
 Acq: 26 Jun 2018 2:44

Tgt Ion:172 Resp: 466921
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 19.6 29.4





#49

Dimethylphthalate

Concen: 3.844 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

Instrument :

BNA_F

ClientSampleId :

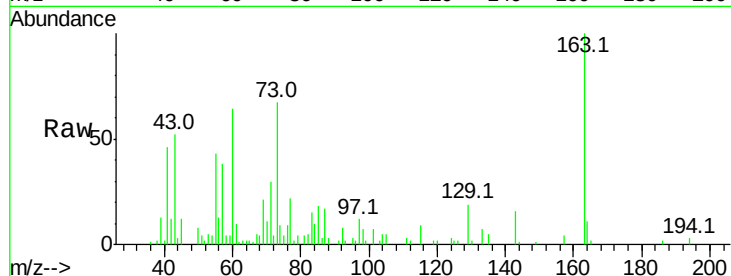
Tot Ion:163 Resp: 21812

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

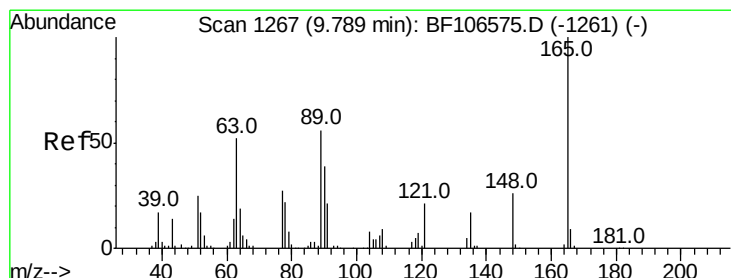
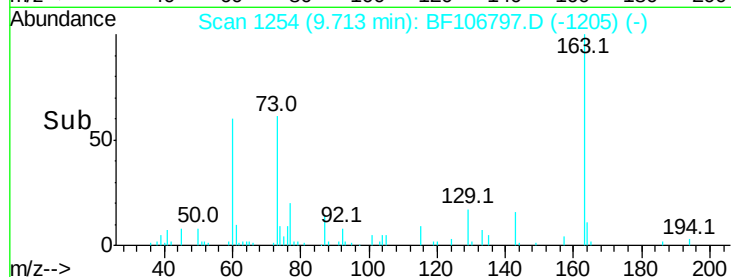
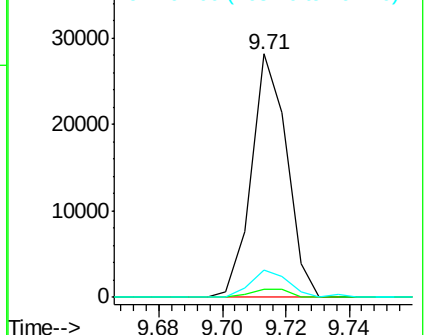
164 11.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 2.963 ng

RT: 9.98 min Scan# 1300

Delta R.T. 0.19 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

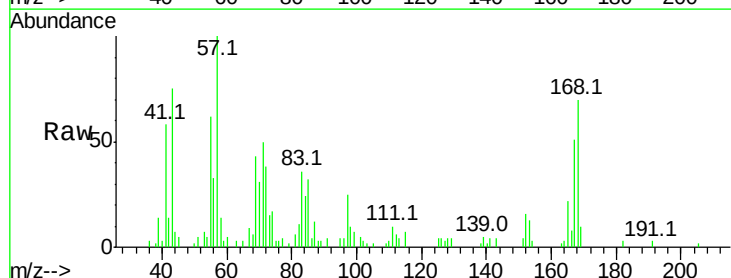
Tgt Ion:165 Resp: 3561

Ion Ratio Lower Upper

165 100

63 14.7 44.7 67.1#

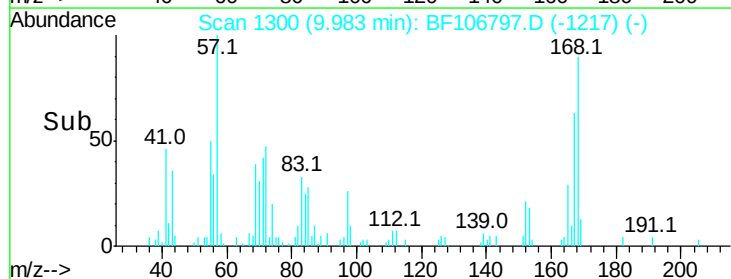
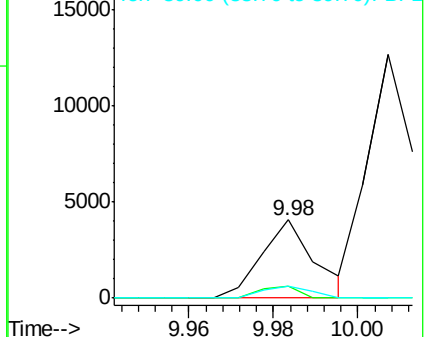
89 15.7 44.0 66.0#

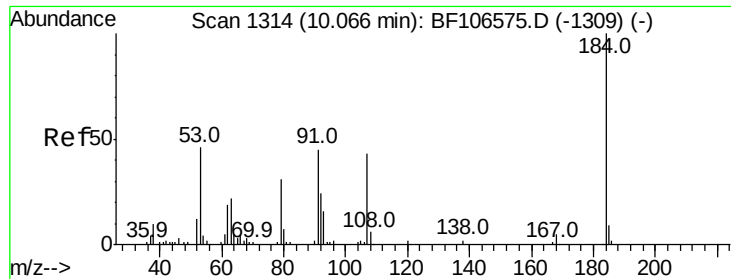


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

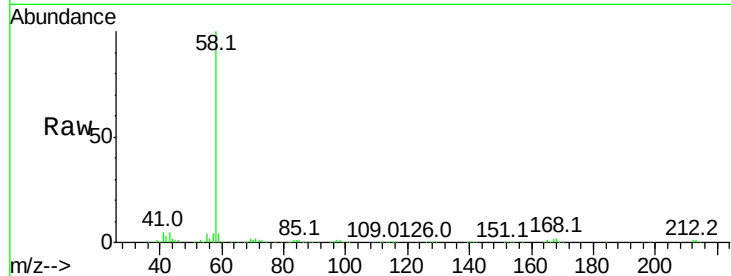




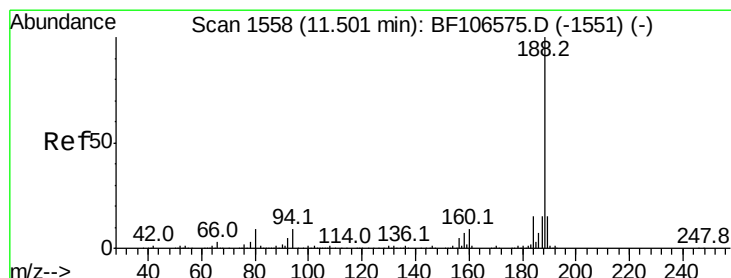
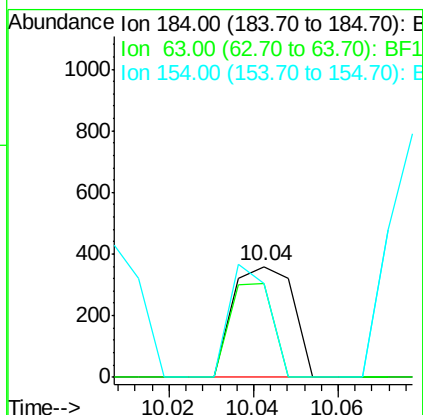
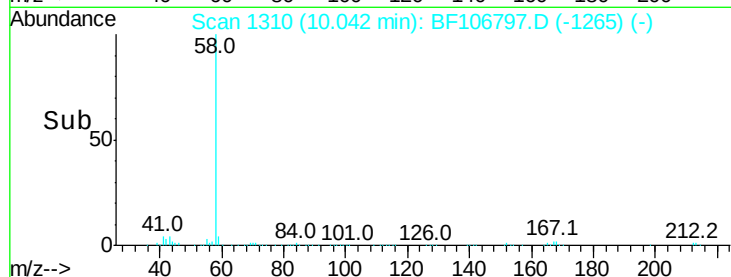
#53
 2,4-Dinitrophenol
 Concen: 5.882 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.04 min
 Lab File: BF106797.D
 Acq: 26 Jun 2018 2:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 354
 Ion Ratio Lower Upper
 184 100
 63 84.4 54.2 81.2#
 154 84.2 184.0 276.0#

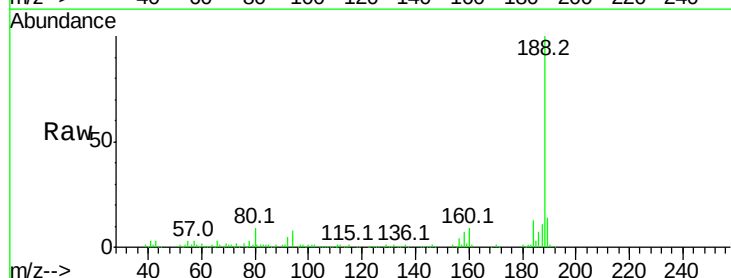


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

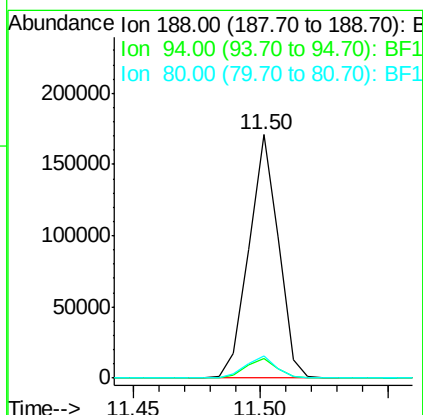
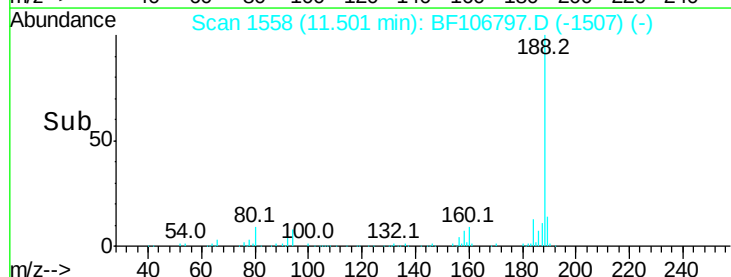


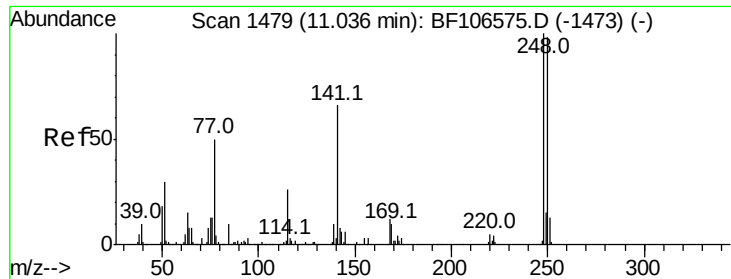
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF106797.D
 Acq: 26 Jun 2018 2:44

Tgt Ion:188 Resp: 138504
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.5 12.7#
 80 9.0 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

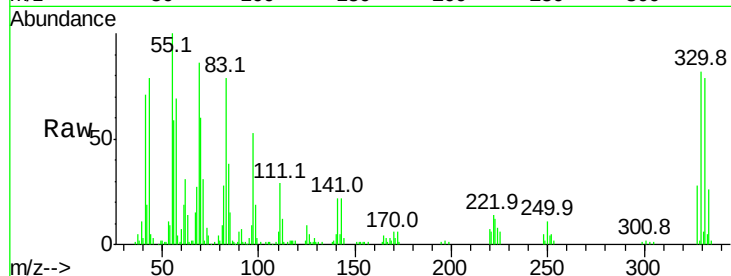




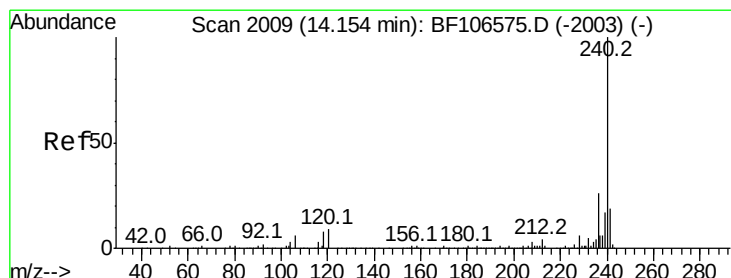
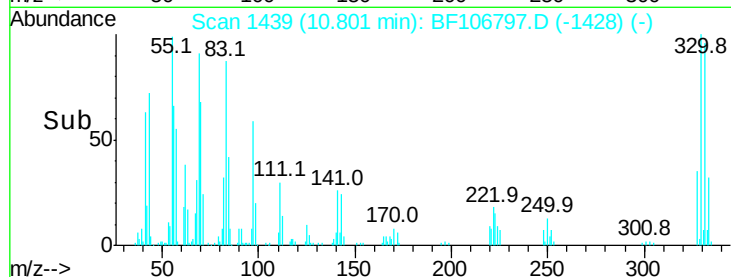
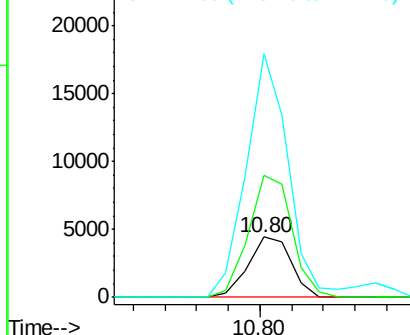
#66
4-Bromophenyl-phenylether
Concen: 2.541 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 4201
Ion Ratio Lower Upper
248 100
250 201.4 76.9 115.3#
141 402.2 74.4 111.6#

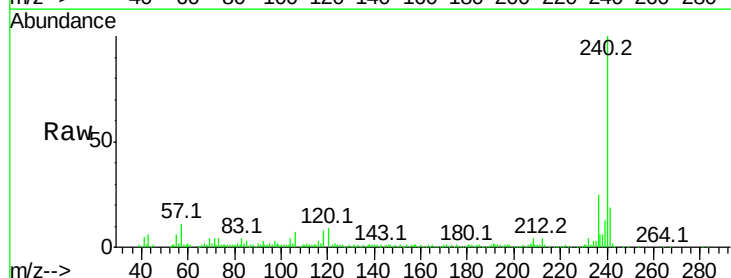


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

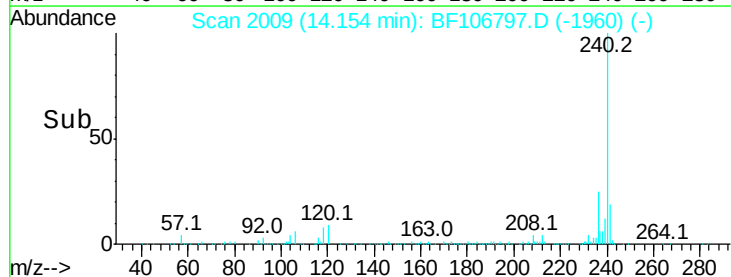
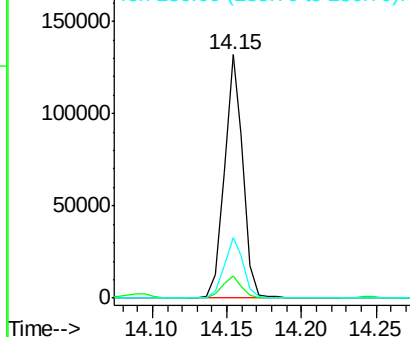


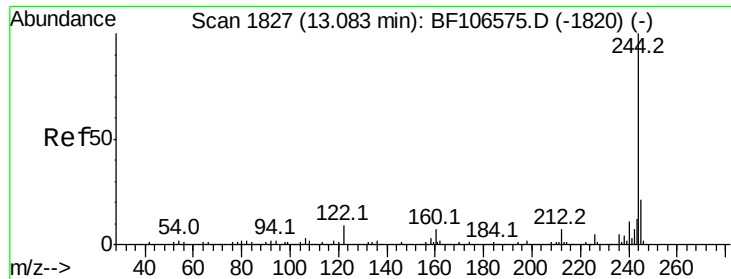
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106797.D
Acq: 26 Jun 2018 2:44

Tgt Ion:240 Resp: 115104
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 25.0 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: 106.639 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

Instrument :

BNA_F

ClientSampleId :

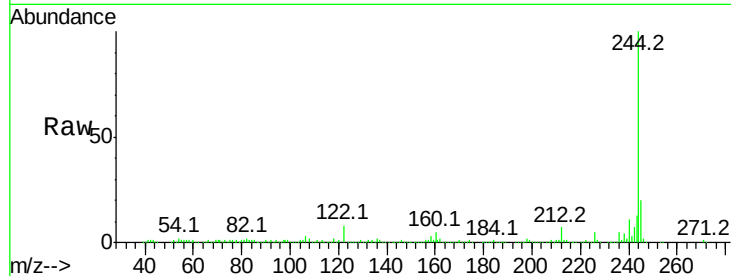
Tot Ion:244 Resp: 506734

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

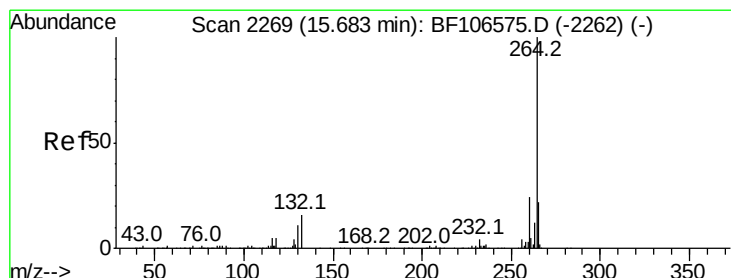
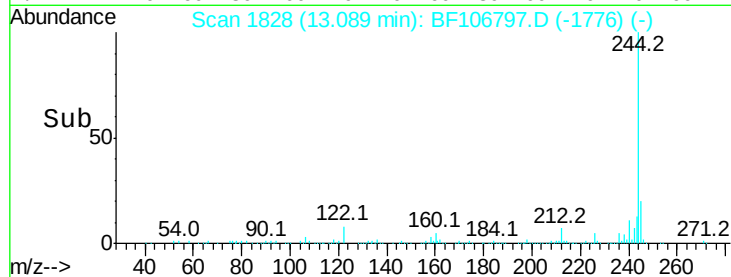
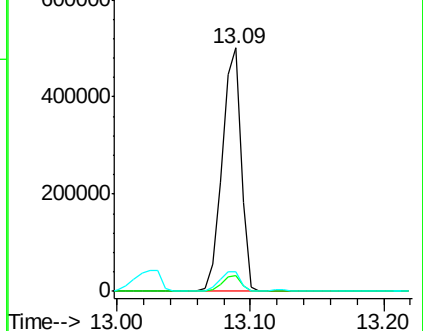
122 7.9 11.0 16.4#



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# 2271

Delta R.T. -0.02 min

Lab File: BF106797.D

Acq: 26 Jun 2018 2:44

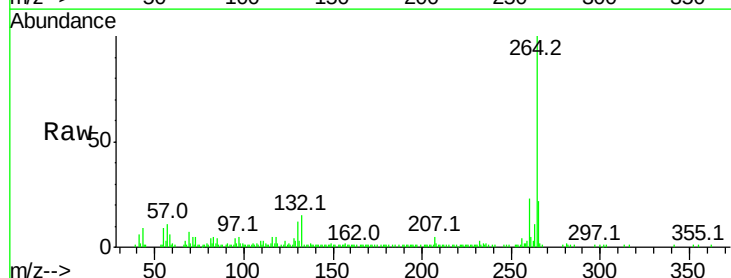
Tgt Ion:264 Resp: 82194

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.6 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

