

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106900.D
 Acq On : 28 Jun 2018 4:40
 Operator : JU/SJ
 Sample : J3705-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 06:05:32 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

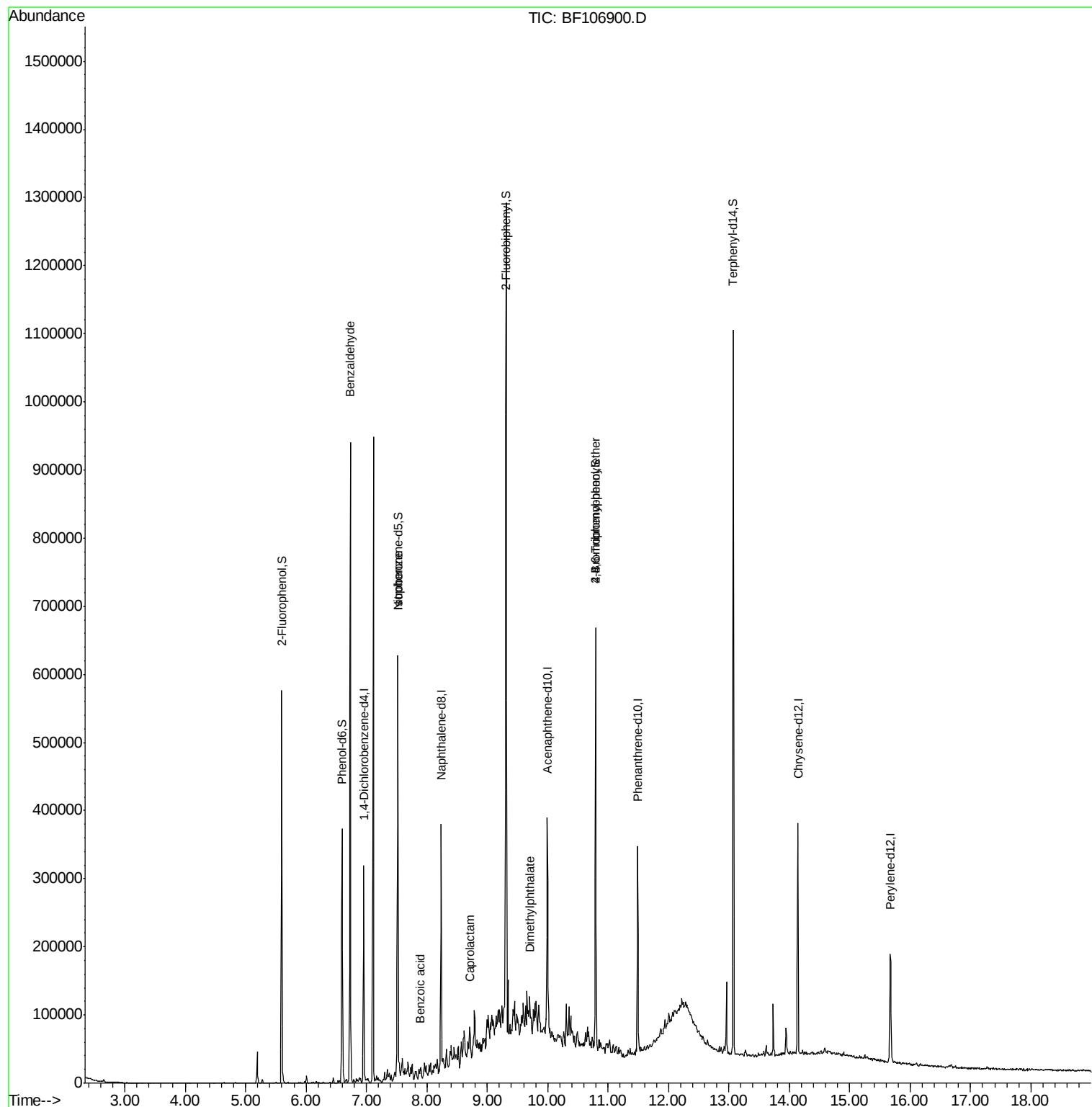
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	41911	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	145701	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	62010	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	103795	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	123147	20.00	ng	-0.02
86) Perylene-d12	15.67	264	85585	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	156019	63.04	ng	0.00
7) Phenol-d6	6.60	99	120055	38.84	ng	-0.02
23) Nitrobenzene-d5	7.52	82	239317	91.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	93742	130.43	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	398004	113.60	ng	-0.01
78) Terphenyl-d14	13.08	244	424639	83.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	5790	2.229	ng	# 81
20) 3+4-Methylphenols	7.37	107	334	Below Cal		# 70
25) Isophorone	7.52	82	236294	51.147	ng	# 64
32) Benzoic acid	7.89	122	106	5.797	ng	# 1
35) Caprolactam	8.71	113	2343	3.515	ng	# 1
49) Dimethylphthalate	9.70	163	11865	2.551	ng	# 95
66) 4-Bromophenyl-phenylether	10.80	248	5908	4.769	ng	# 1

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

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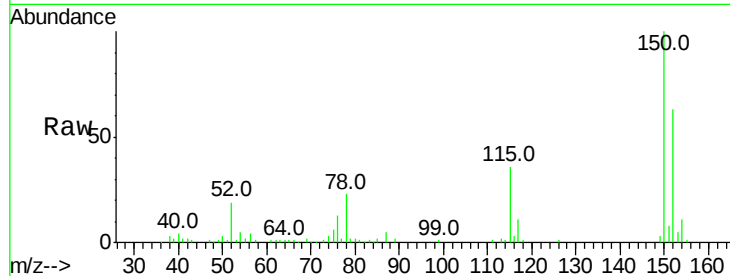


#1

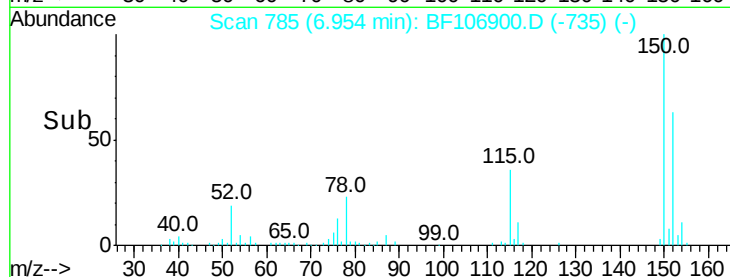
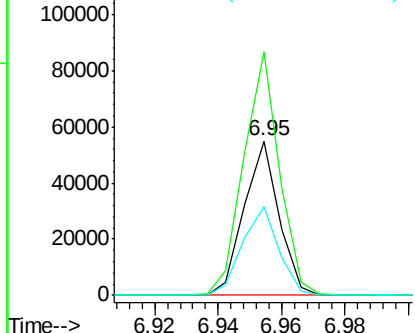
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106900.D
Acq: 28 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41911
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 57.4 50.1 75.1



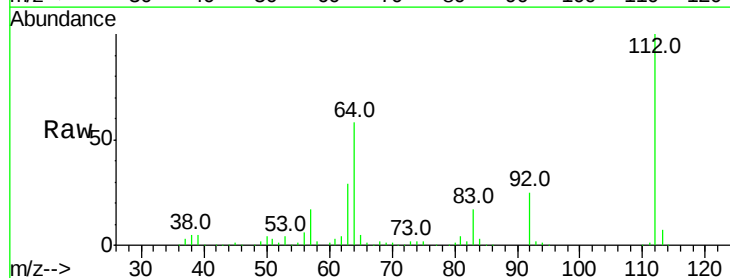
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



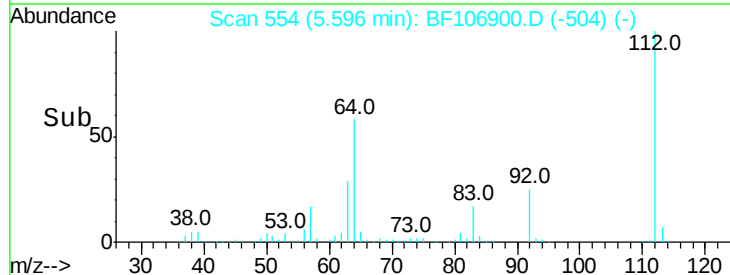
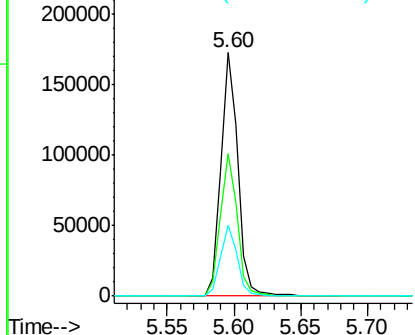
#5

2-Fluorophenol
Concen: 63.036 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106900.D
Acq: 28 Jun 2018 4:40

Tgt Ion:112 Resp: 156019
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 28.9 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: 38.841 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

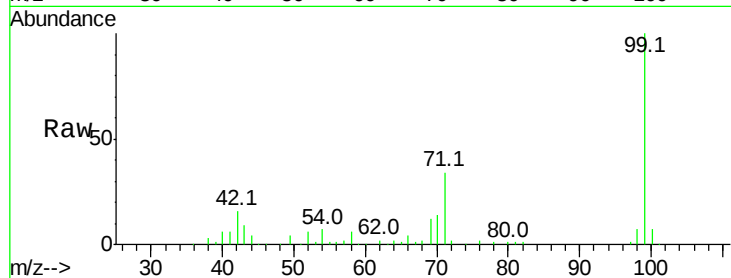
Tot Ion: 99 Resp: 120055

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

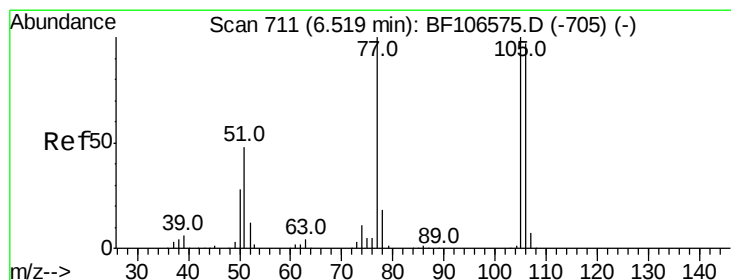
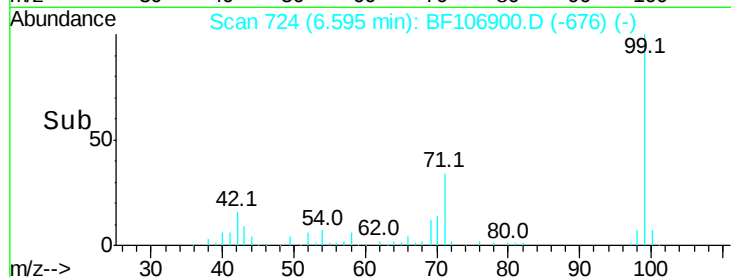
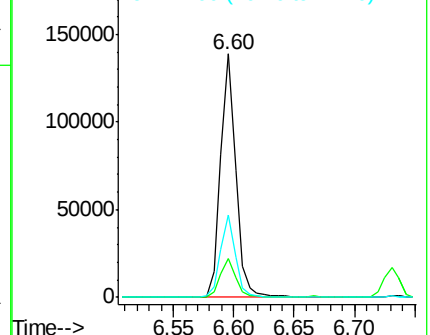
71 33.6 25.4 38.0



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: 2.229 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

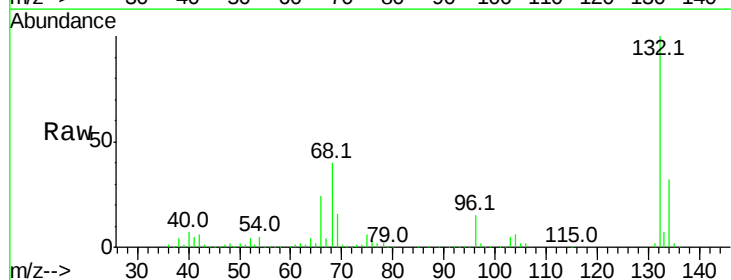
Tgt Ion: 77 Resp: 5790

Ion Ratio Lower Upper

77 100

105 77.6 81.1 121.1#

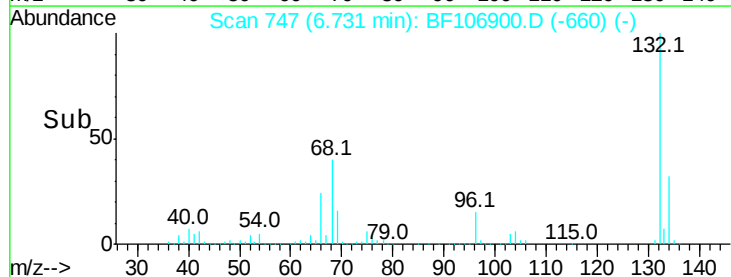
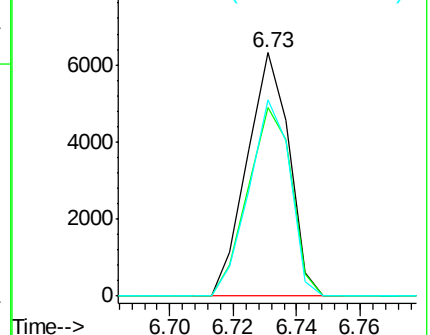
106 80.8 74.5 114.5

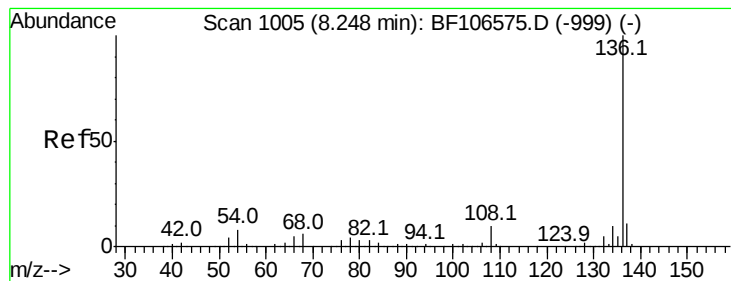


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 145701

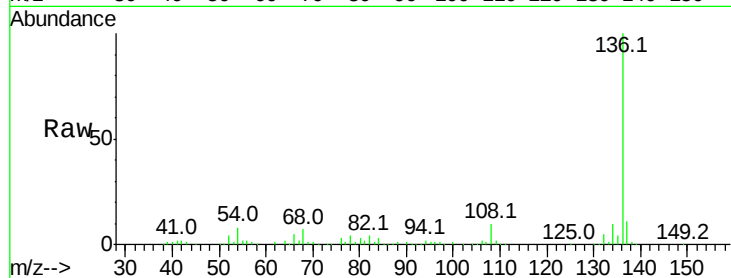
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.3 6.6 9.8

68 7.0 5.0 7.4

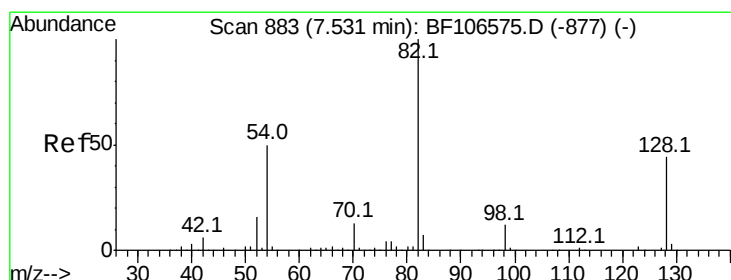
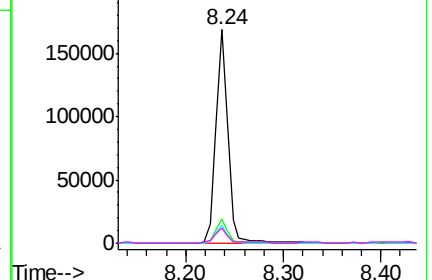
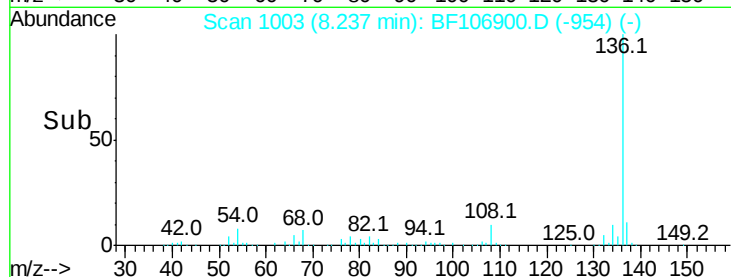


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 91.281 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

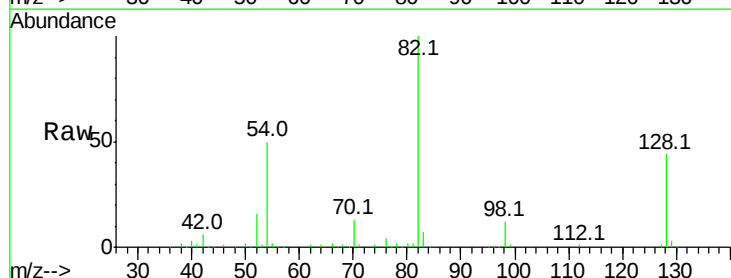
Tgt Ion: 82 Resp: 239317

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

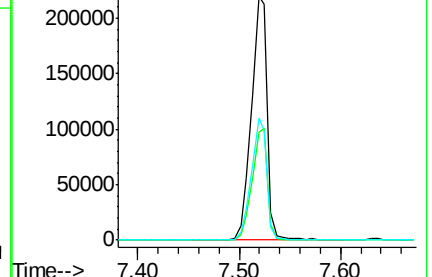
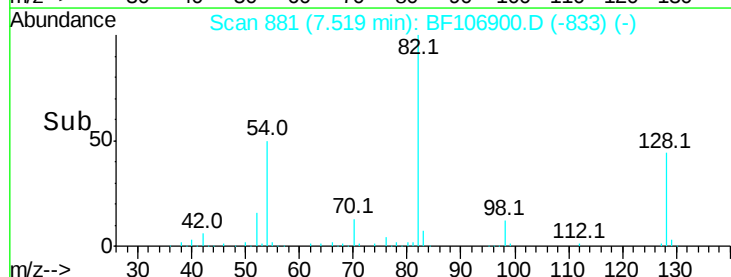
54 49.9 41.4 62.2

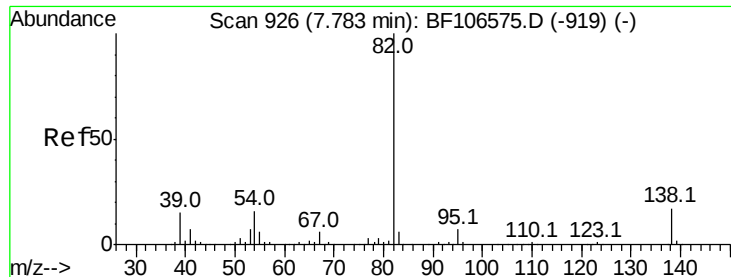


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.147 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

Instrument :

BNA_F

ClientSampled :

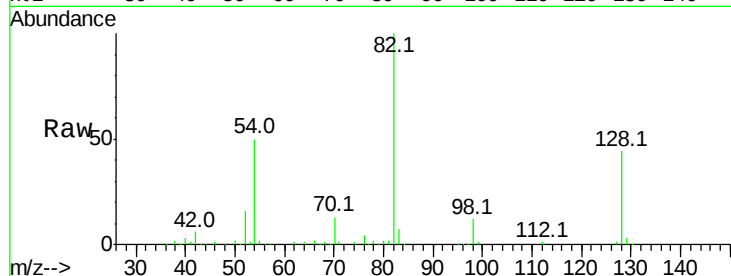
Tot Ion: 82 Resp: 236294

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

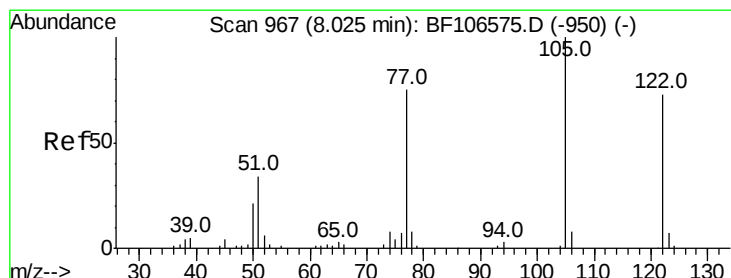
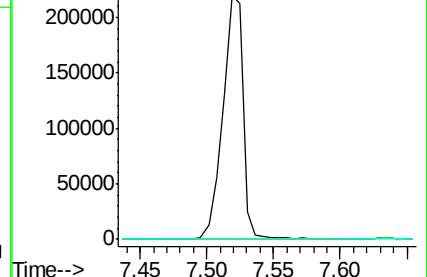
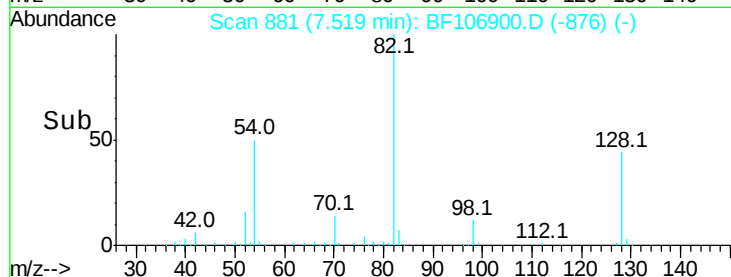
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 5.797 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.15 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

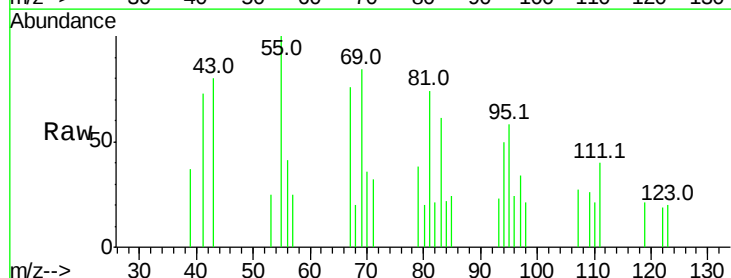
Tgt Ion: 122 Resp: 106

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

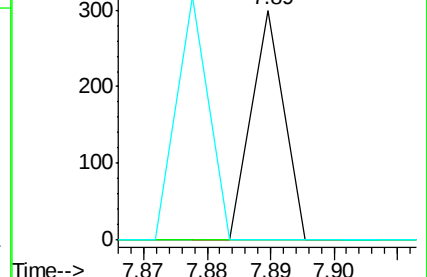
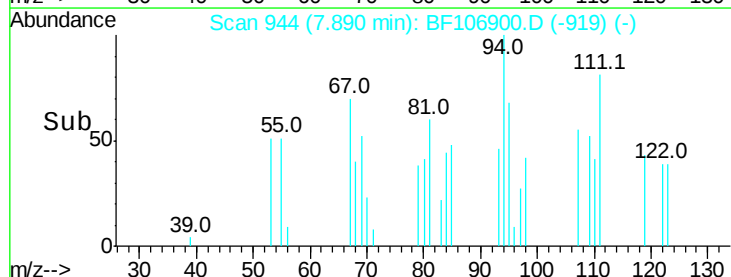
77 0.0 70.7 110.7#

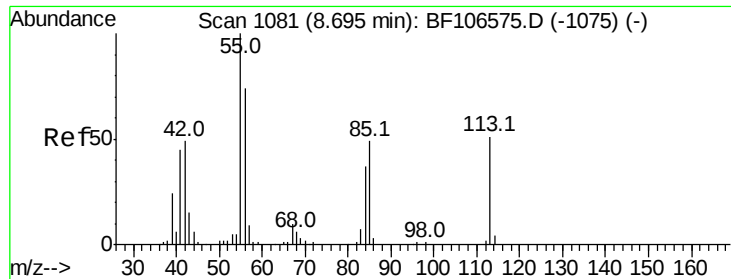


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

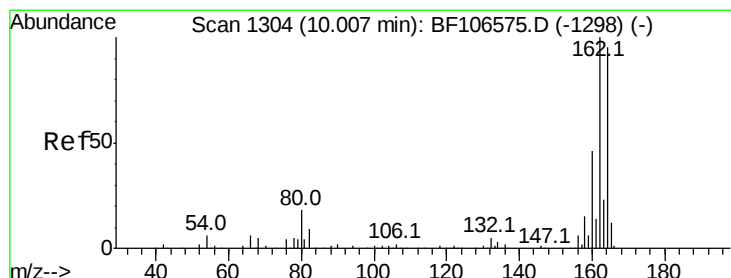
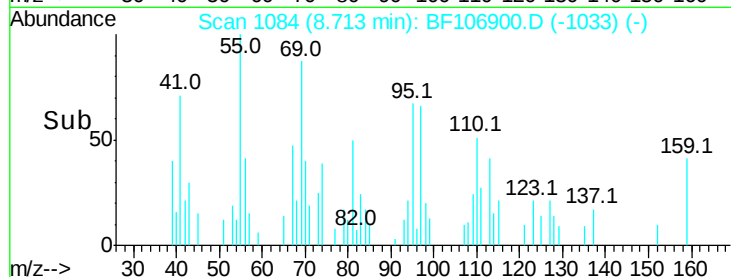
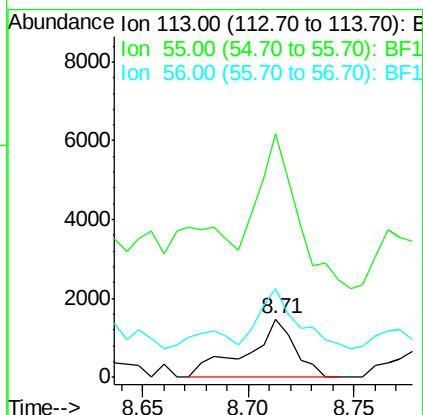
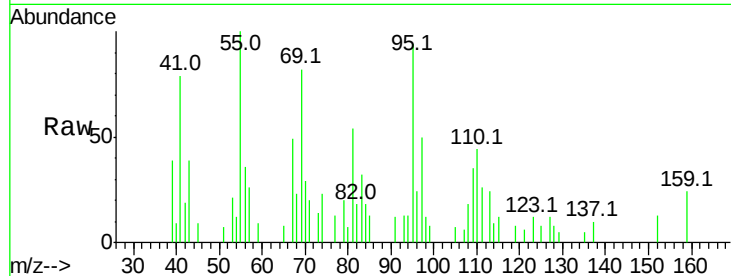




#35
Caprolactam
Concen: 3.515 ng
RT: 8.71 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF106900.D
Acq: 28 Jun 2018 4:40

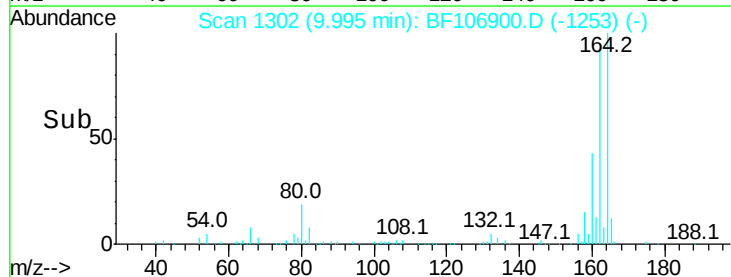
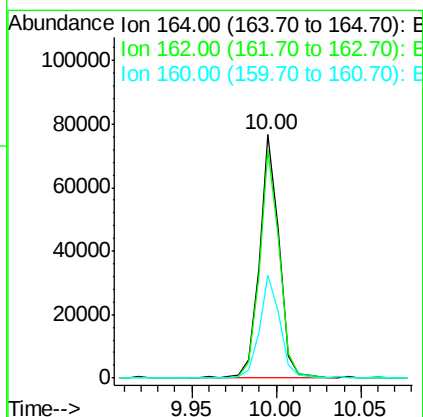
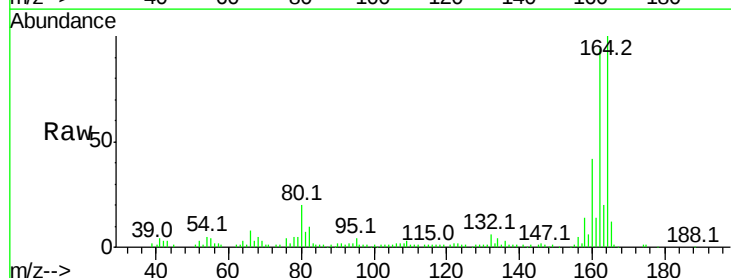
Instrument :
BNA_F
ClientSampleId :

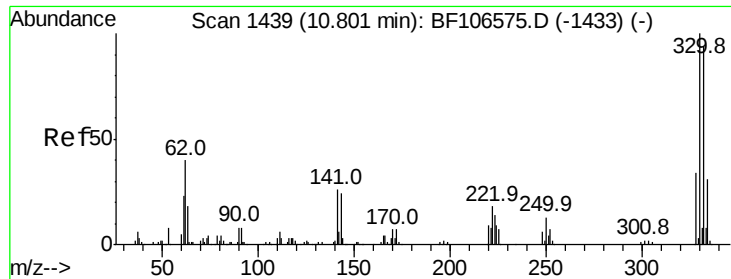
Tot Ion:113 Resp: 2343
Ion Ratio Lower Upper
113 100
55 418.9 163.3 203.3#
56 152.2 115.7 155.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106900.D
Acq: 28 Jun 2018 4:40

Tgt Ion:164 Resp: 62010
Ion Ratio Lower Upper
164 100
162 93.5 86.1 129.1
160 42.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 130.430 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106900.D

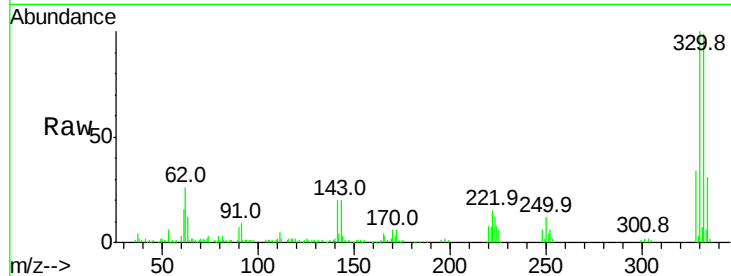
Acq: 28 Jun 2018 4:40

Instrument :

BNA_F

ClientSampled :

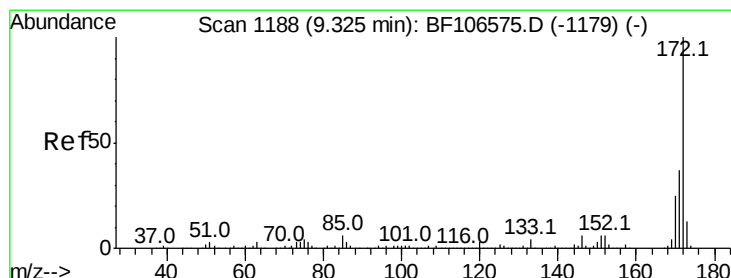
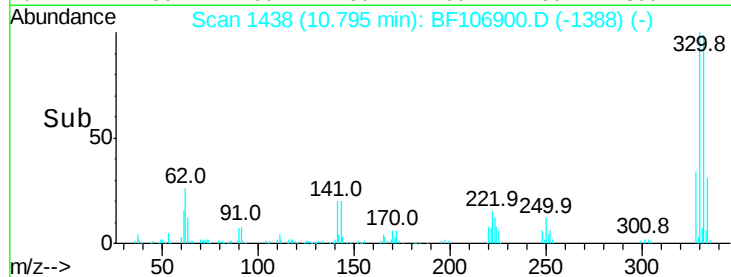
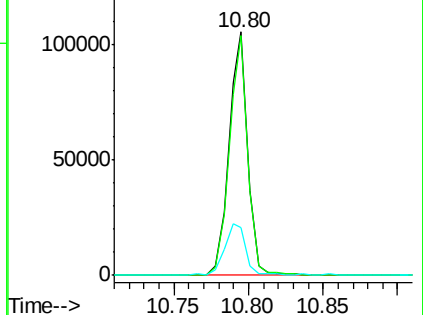
Tot Ion:	330	Resp:	93742
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.0	115.6
141	24.4	29.9	44.9#



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: 113.603 ng

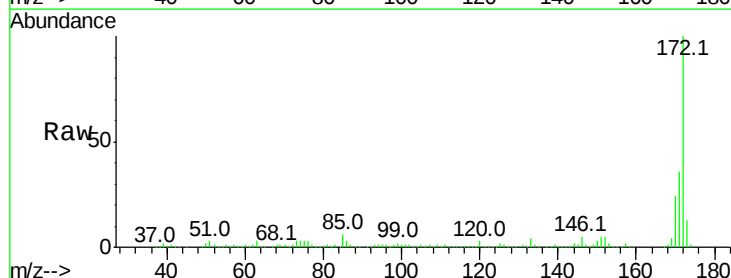
RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

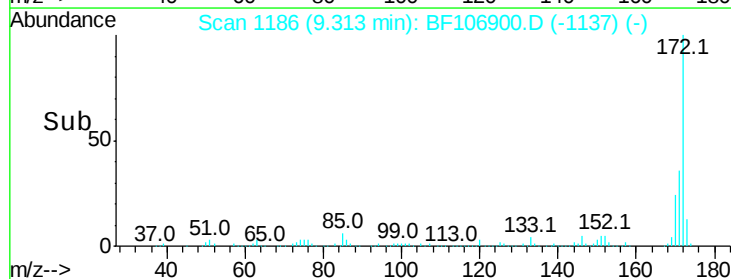
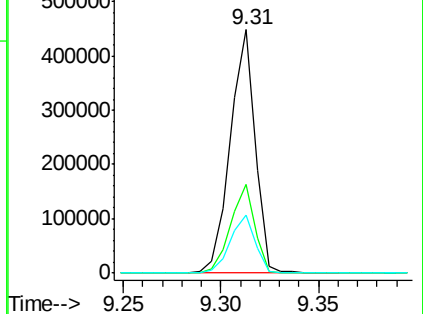
Tgt Ion:	172	Resp:	398004
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

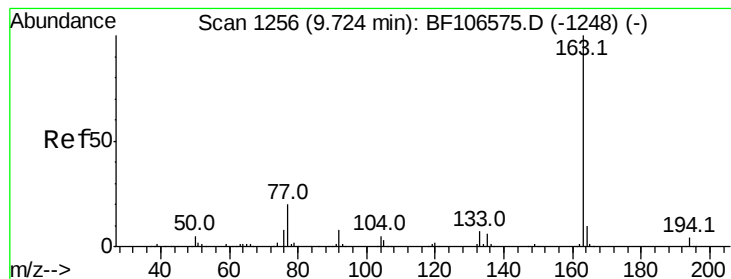


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.551 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

Instrument :

BNA_F

ClientSampleId :

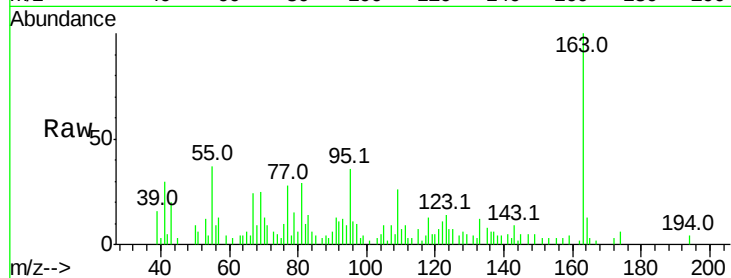
Tot Ion:163 Resp: 11865

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

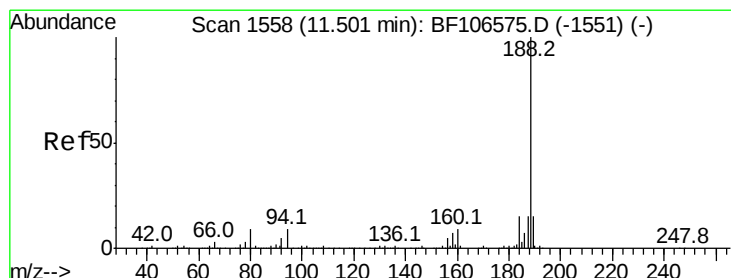
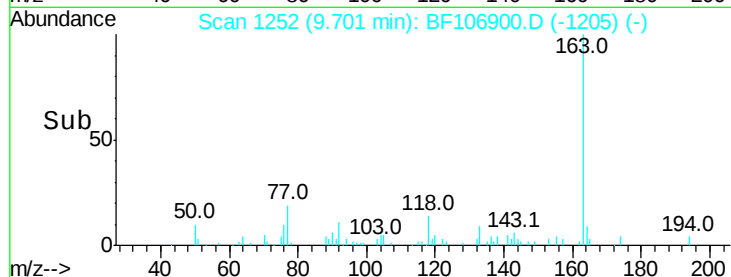
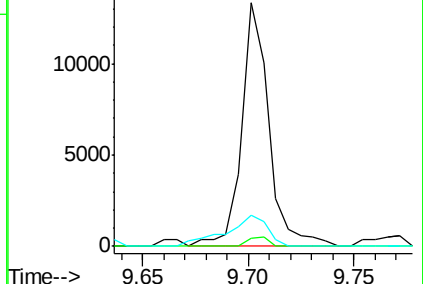
164 12.6 8.2 12.2#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106900.D

Acq: 28 Jun 2018 4:40

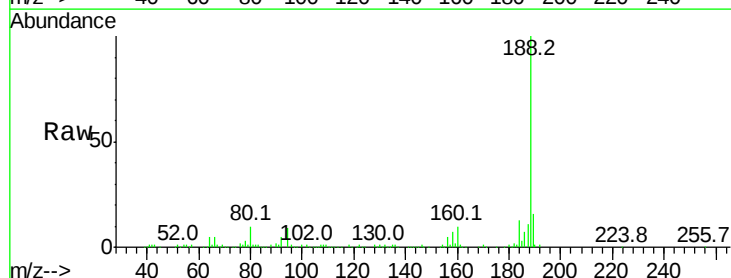
Tgt Ion:188 Resp: 103795

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

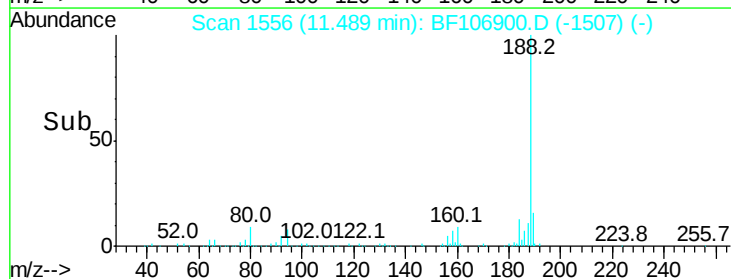
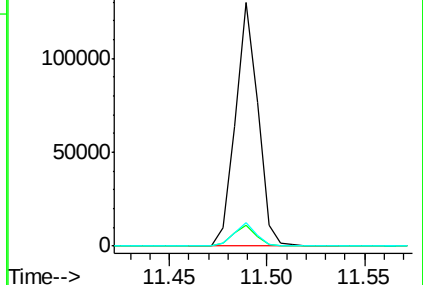
80 9.7 9.2 13.8



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

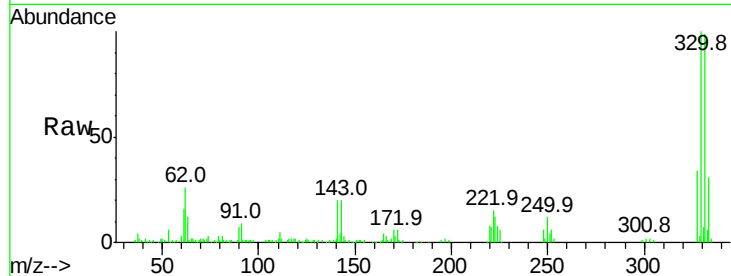




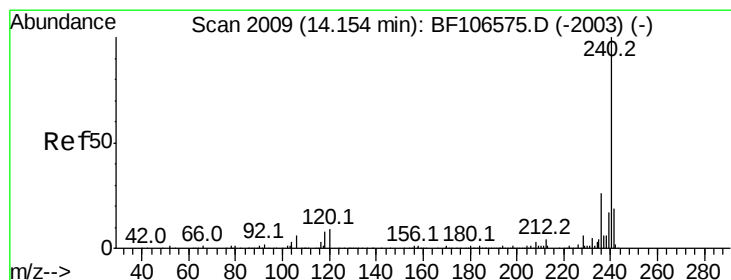
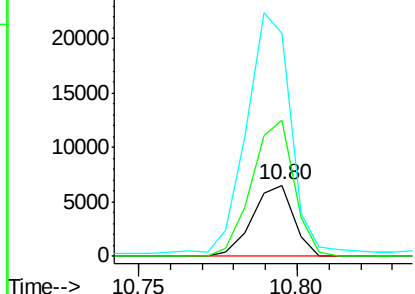
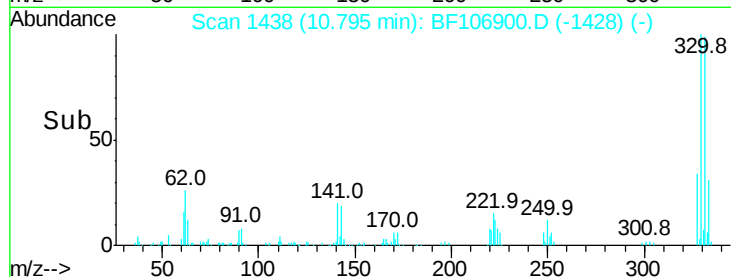
#66
4-Bromophenyl-phenylether
Concen: 4.769 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106900.D
Acq: 28 Jun 2018 4:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5908
Ion Ratio Lower Upper
248 100
250 190.7 76.9 115.3#
141 314.9 74.4 111.6#

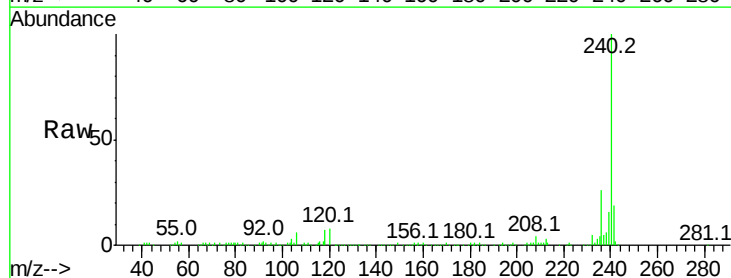


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

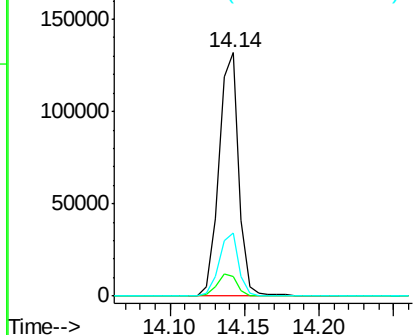
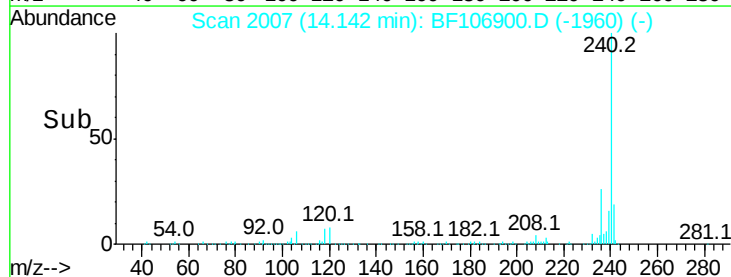


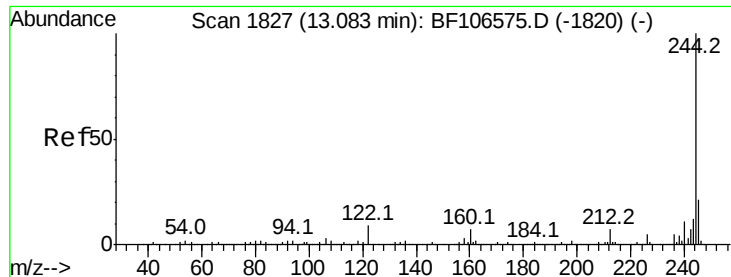
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106900.D
Acq: 28 Jun 2018 4:40

Tgt Ion:240 Resp: 123147
Ion Ratio Lower Upper
240 100
120 8.0 9.5 14.3#
236 26.0 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

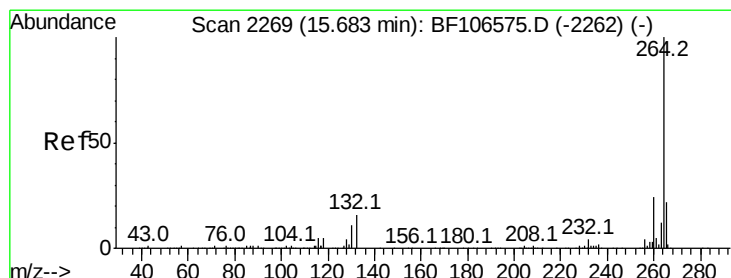
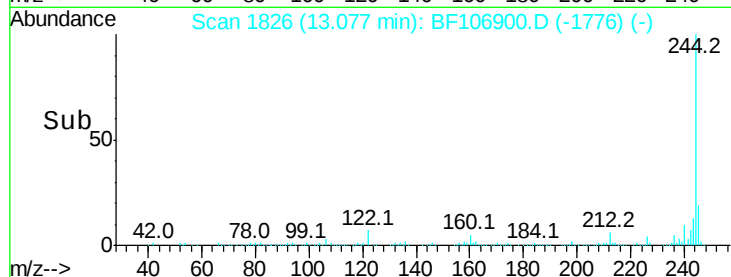
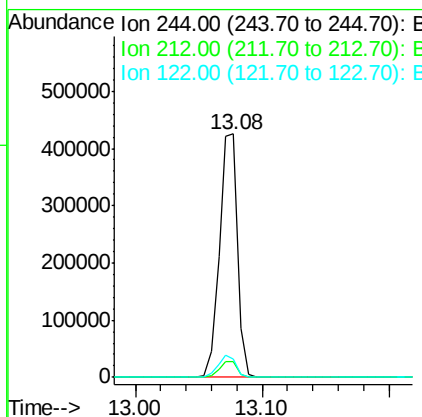
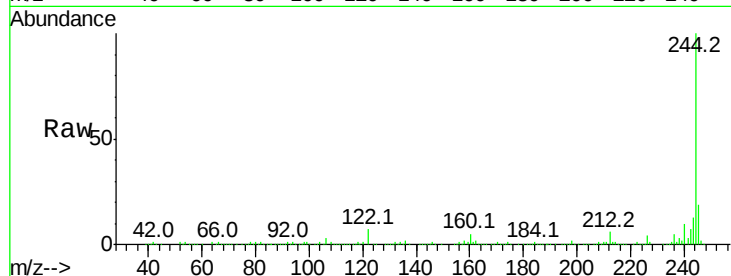




#78
 Terphenyl-d14
 Concen: 83.526 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106900.D
 Acq: 28 Jun 2018 4:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 424639
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106900.D
 Acq: 28 Jun 2018 4:40

Tgt Ion:264 Resp: 85585
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.5 26.3

