

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106899.D
 Acq On : 28 Jun 2018 4:14
 Operator : JU/SJ
 Sample : J3705-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 06:05:22 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

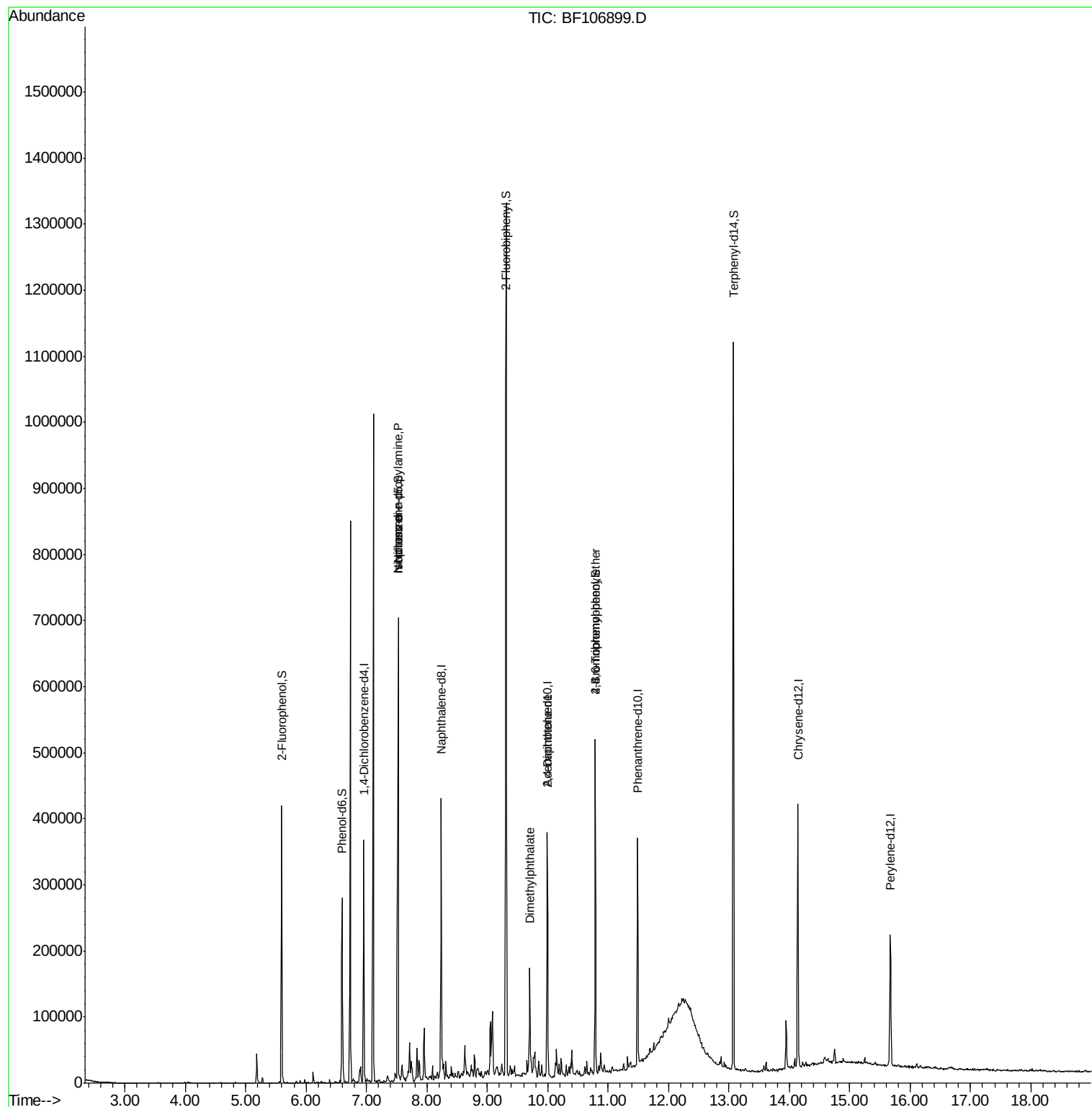
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	50170	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	172152	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	69179	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	122292	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	142329	20.00	ng	-0.02
86) Perylene-d12	15.67	264	98539	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	110877	37.42	ng	0.00
7) Phenol-d6	6.60	99	92659	25.04	ng	-0.02
23) Nitrobenzene-d5	7.52	82	258737	83.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	65920	82.21	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	428143	108.90	ng	-0.01
78) Terphenyl-d14	13.08	244	443828	75.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	34171	14.011	ng	# 72
25) Isophorone	7.52	82	258733	47.399	ng	# 64
49) Dimethylphthalate	9.70	163	42333	8.159	ng	# 97
56) 2,4-Dinitrotoluene	10.00	165	9009	6.282	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	4132	2.831	ng	# 1

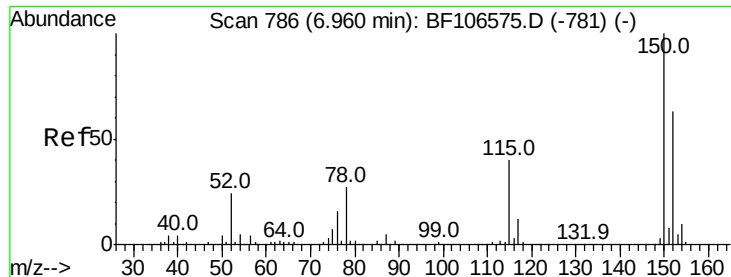
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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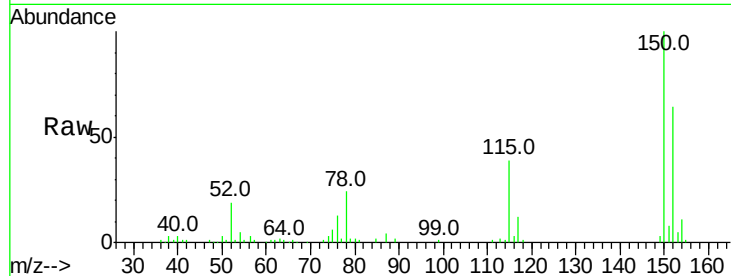


#1

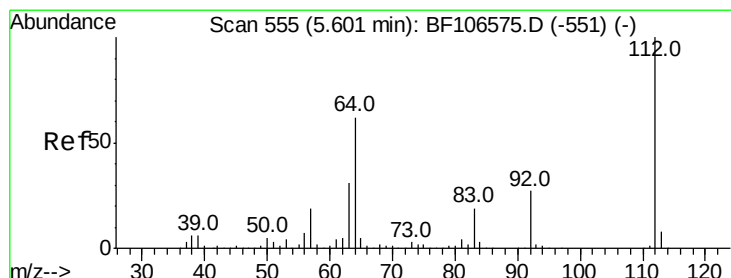
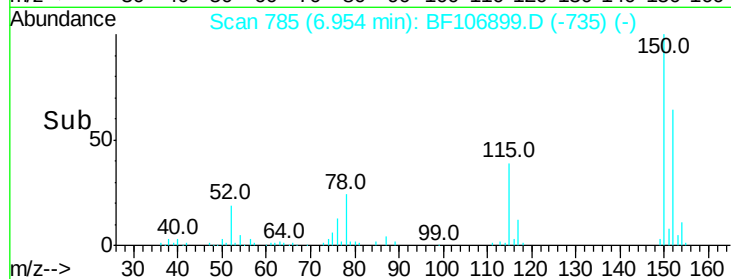
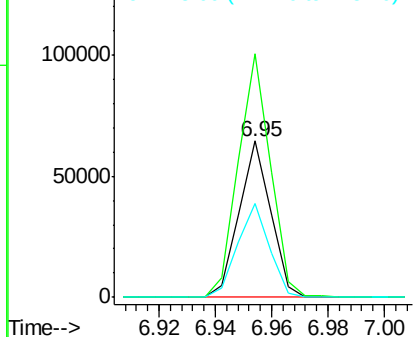
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106899.D
Acq: 28 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50170
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.3 50.1 75.1



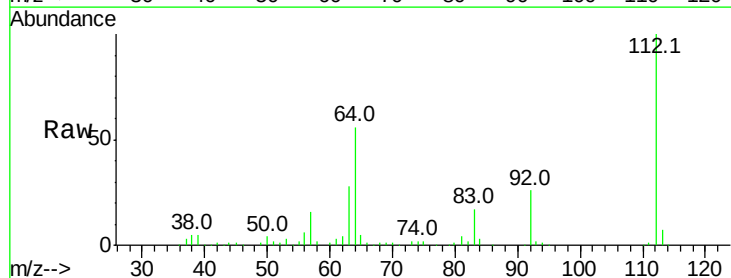
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



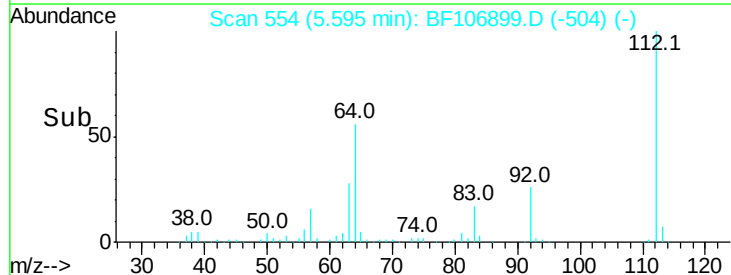
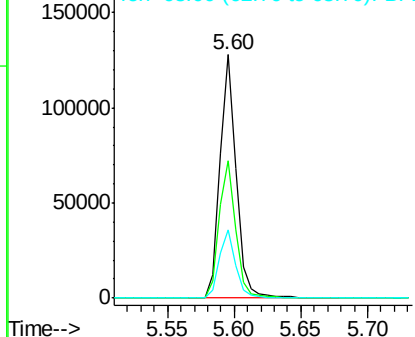
#5

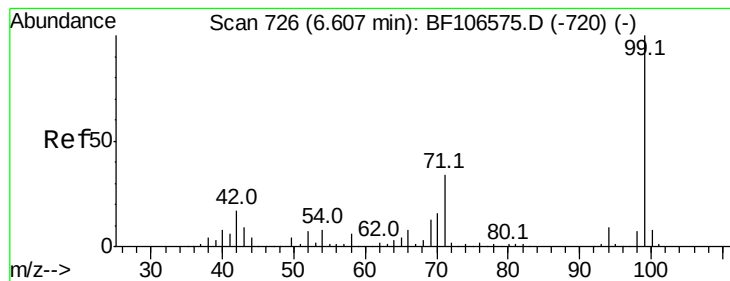
2-Fluorophenol
Concen: 37.423 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106899.D
Acq: 28 Jun 2018 4:14

Tgt Ion:112 Resp: 110877
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 27.9 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: 25.043 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106899.D

Acq: 28 Jun 2018 4:14

Instrument :

BNA_F

ClientSampleId :

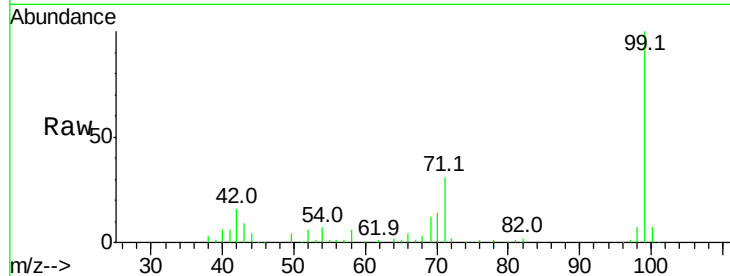
Tot Ion: 99 Resp: 92659

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

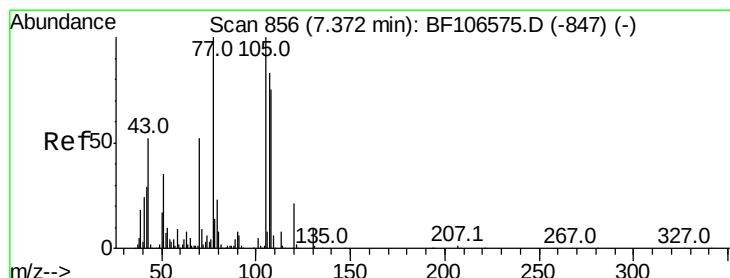
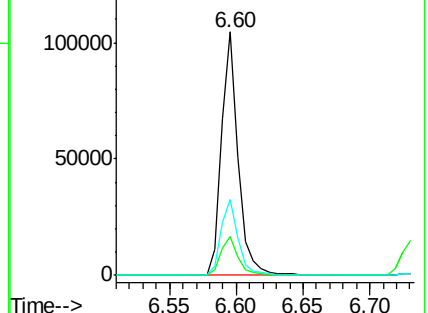
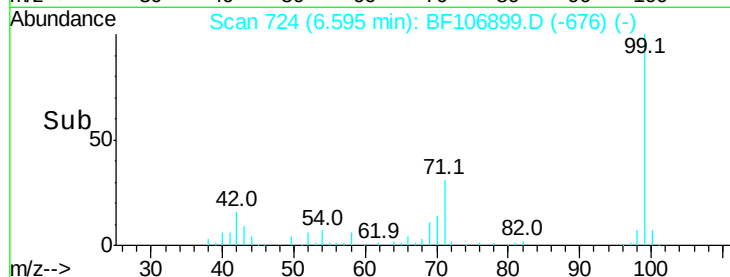
71 31.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.011 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106899.D

Acq: 28 Jun 2018 4:14

Tgt Ion: 70 Resp: 34171

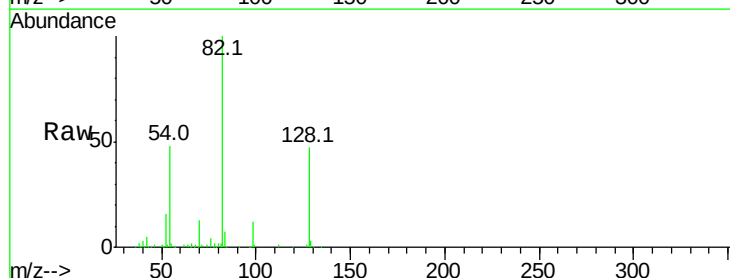
Ion Ratio Lower Upper

70 100

42 41.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

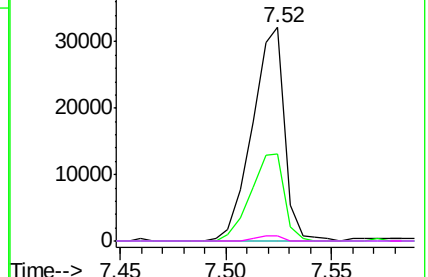
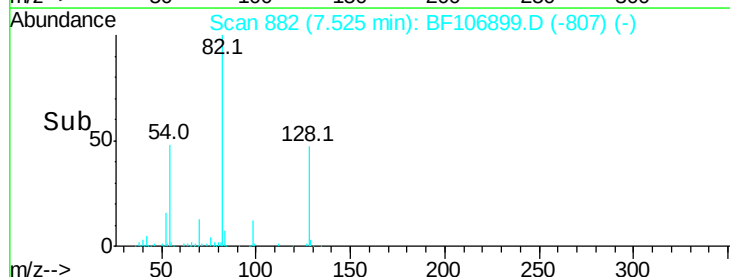


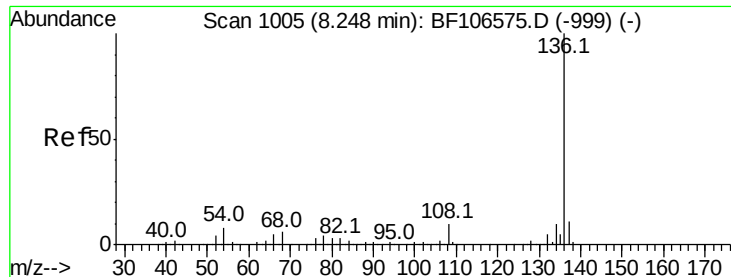
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

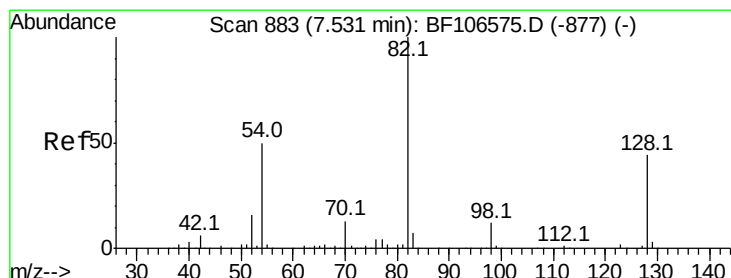
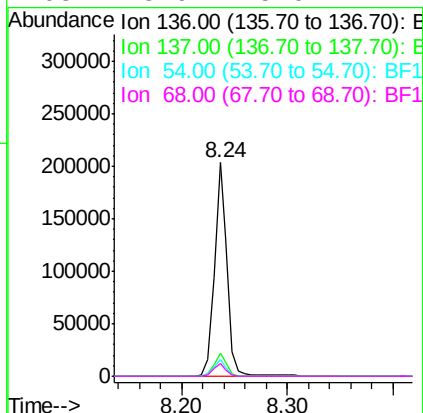
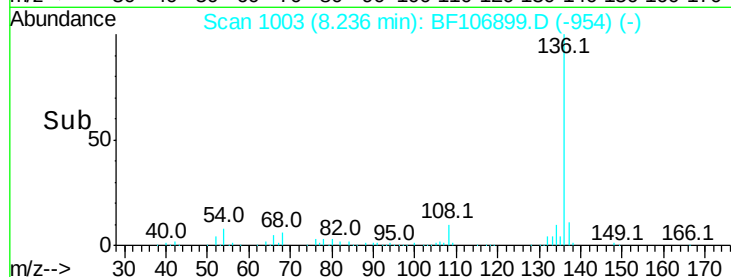
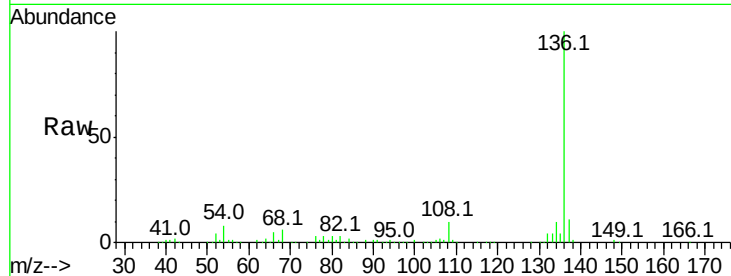




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106899.D
Acq: 28 Jun 2018 4:14

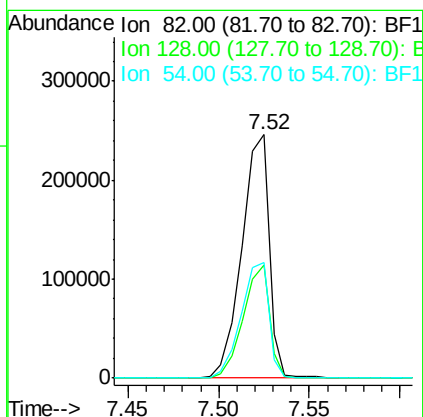
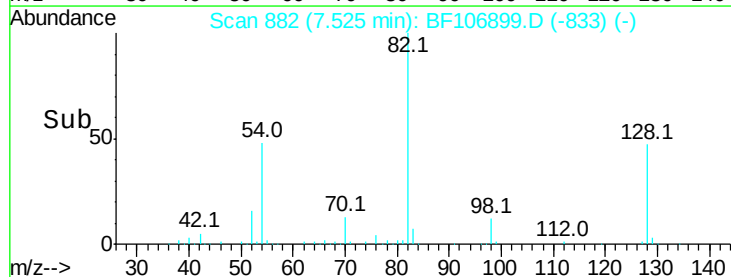
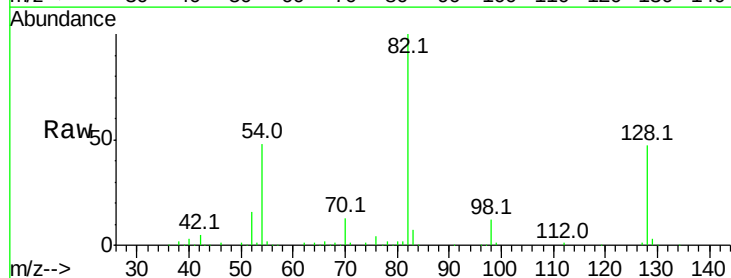
Instrument :
BNA_F
ClientSampleId :

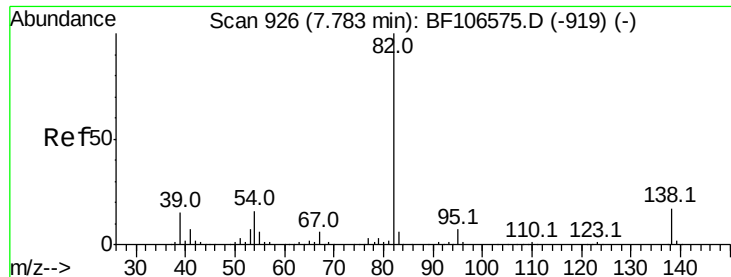
Tot Ion:	136	Resp:	172152
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 83.525 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106899.D
Acq: 28 Jun 2018 4:14

Tgt Ion:	82	Resp:	258737
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	47.6	41.4	62.2





#25

Isophorone

Concen: 47.399 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106899.D

Acq: 28 Jun 2018 4:14

Instrument :

BNA_F

ClientSampleId :

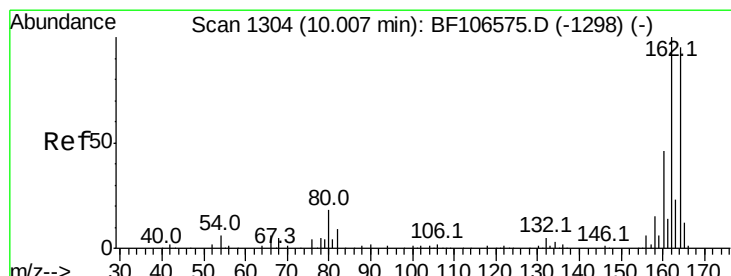
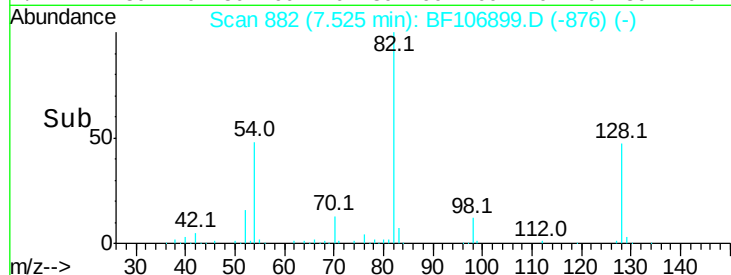
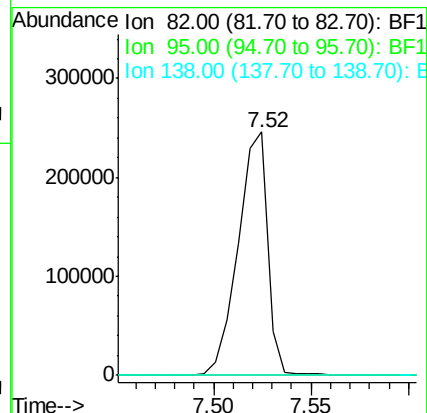
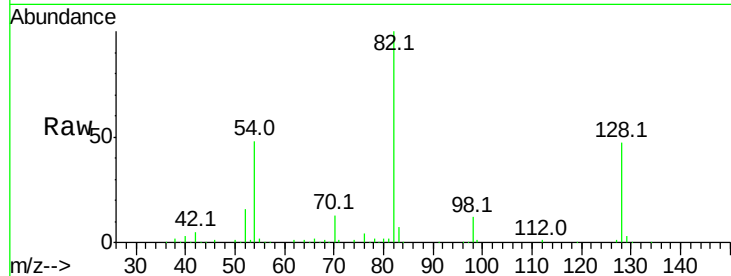
Tot Ion: 82 Resp: 258733

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106899.D

Acq: 28 Jun 2018 4:14

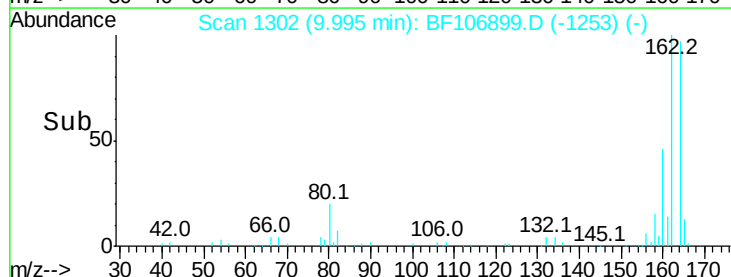
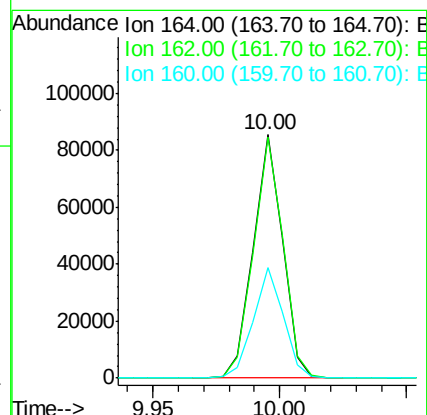
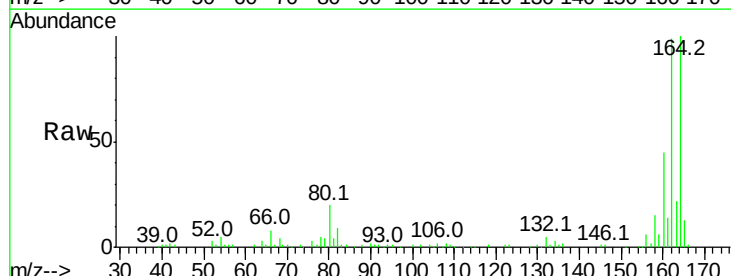
Tgt Ion:164 Resp: 69179

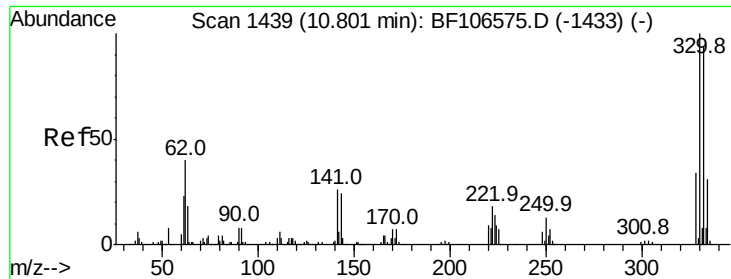
Ion Ratio Lower Upper

164 100

162 98.8 86.1 129.1

160 45.4 38.3 57.5

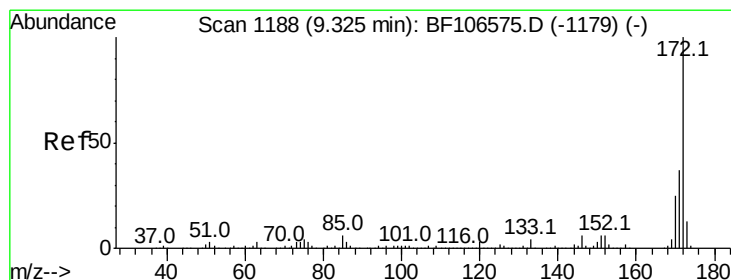
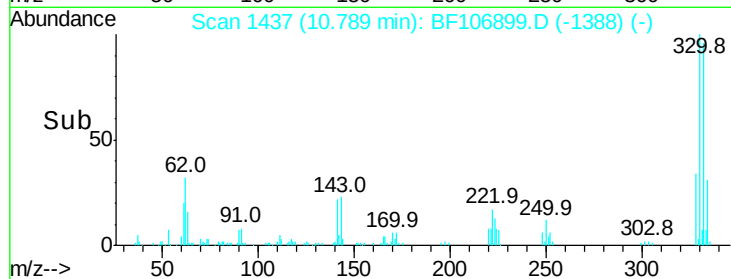
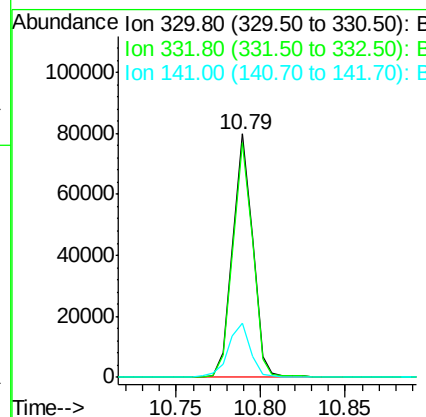
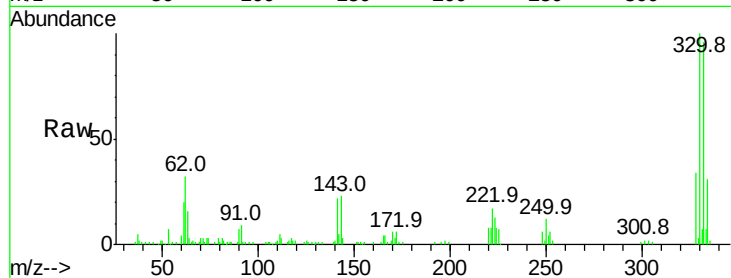




#41
 2,4,6-Tribromophenol
 Concen: 82.215 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106899.D
 Acq: 28 Jun 2018 4:14

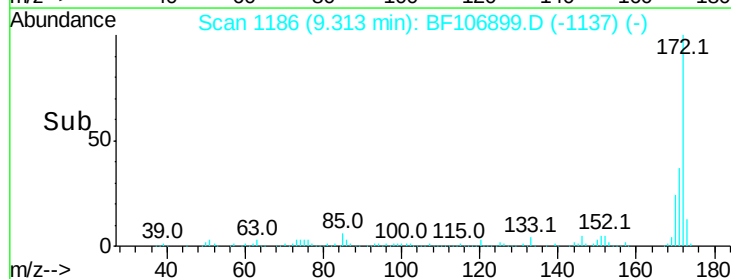
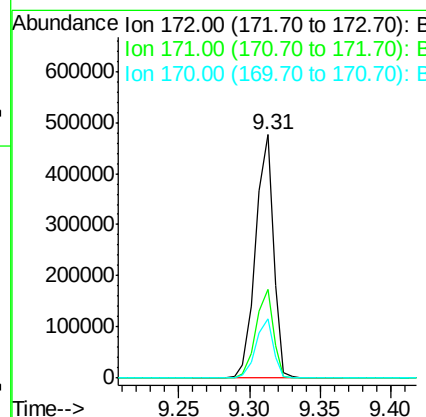
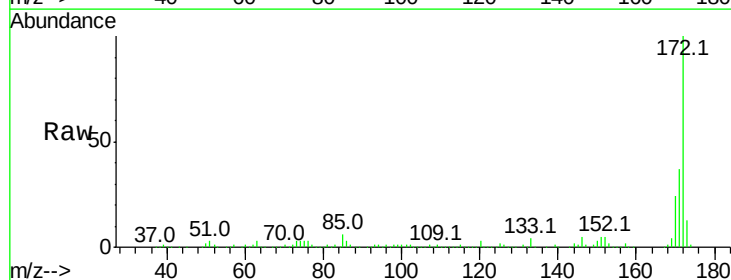
Instrument :
 BNA_F
 ClientSampleId :

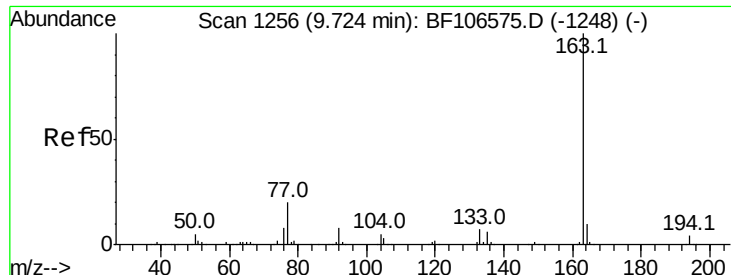
Tot Ion:330 Resp: 65920
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 24.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 108.903 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106899.D
 Acq: 28 Jun 2018 4:14

Tgt Ion:172 Resp: 428143
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.4 19.6 29.4

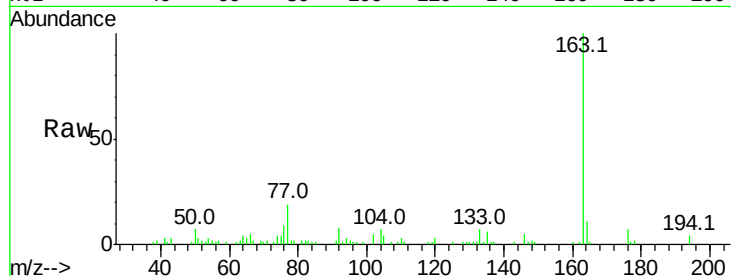




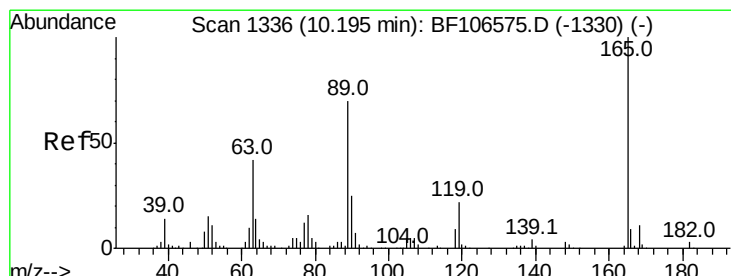
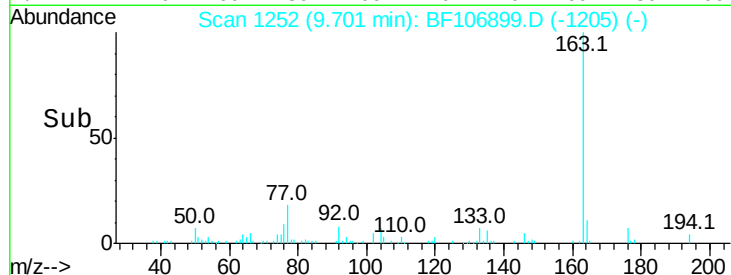
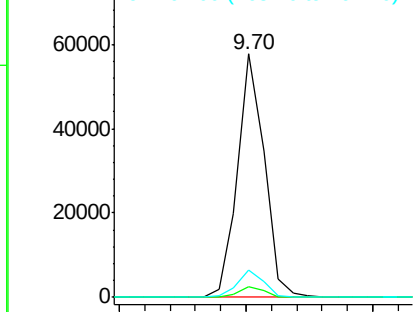
#49
 Dimethylphthalate
 Concen: 8.159 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106899.D
 Acq: 28 Jun 2018 4:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	42333
Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	11.3	8.2	12.2

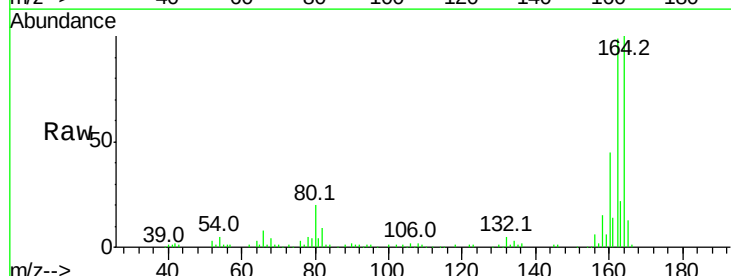


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

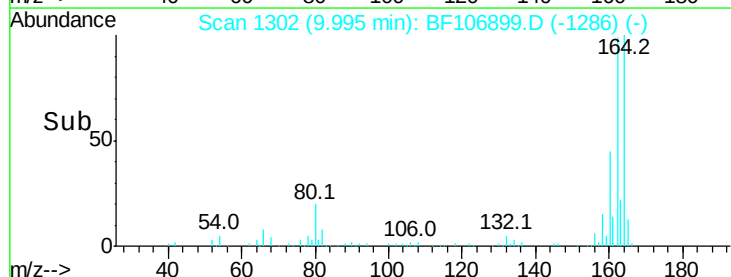
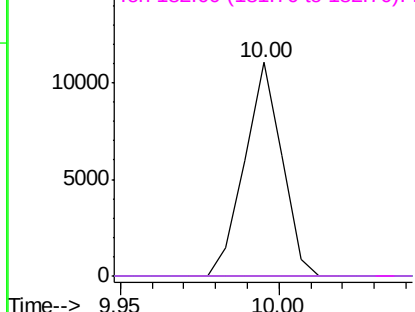


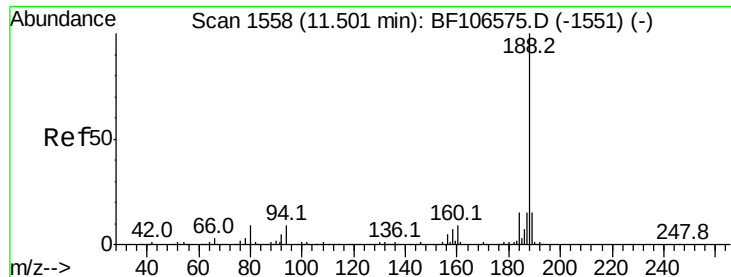
#56
 2,4-Dinitrotoluene
 Concen: 6.282 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF106899.D
 Acq: 28 Jun 2018 4:14

Tgt Ion:	165	Resp:	9009
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	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

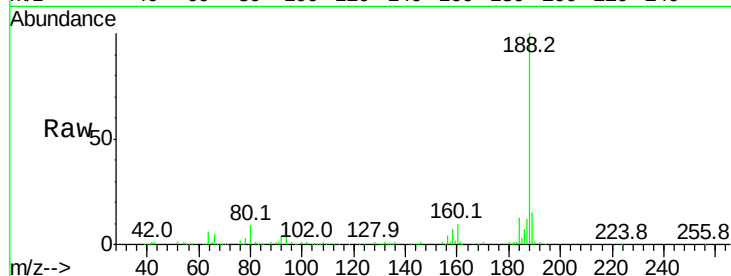




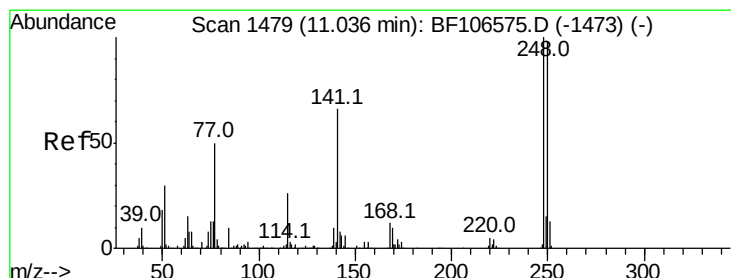
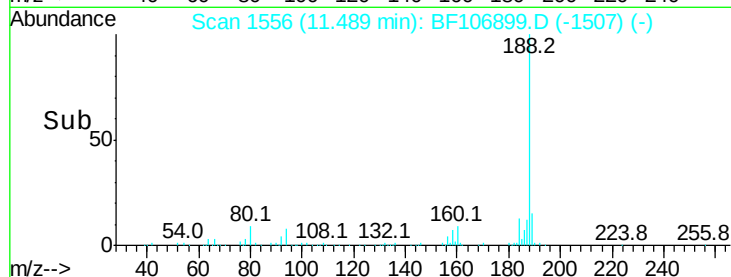
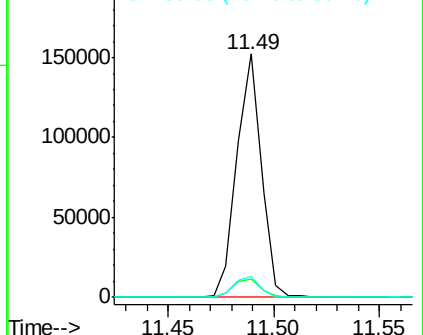
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106899.D
Acq: 28 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 122292
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.8 9.2 13.8#

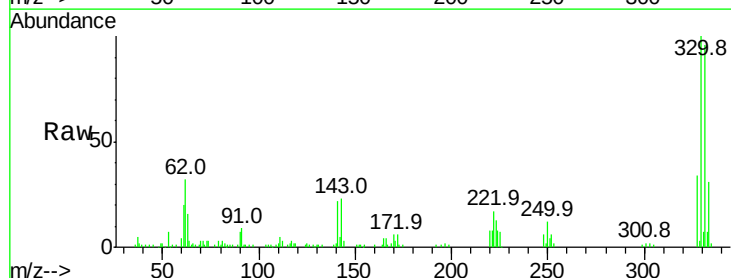


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

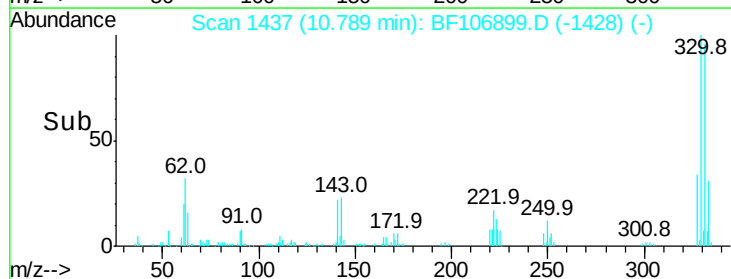
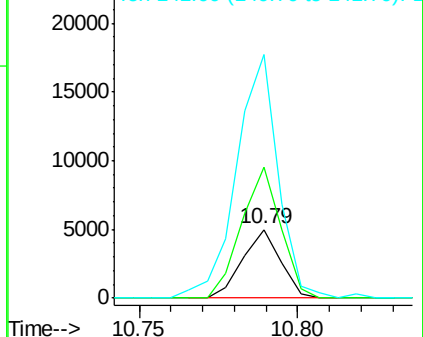


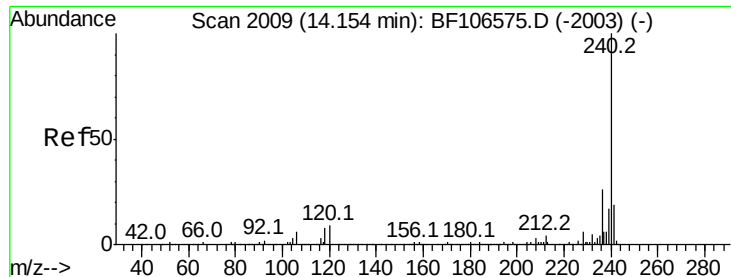
#66
4-Bromophenyl-phenylether
Concen: 2.831 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106899.D
Acq: 28 Jun 2018 4:14

Tgt Ion:248 Resp: 4132
Ion Ratio Lower Upper
248 100
250 191.4 76.9 115.3#
141 355.3 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: BF106899.D

Acq: 28 Jun 2018 4:14

Instrument :

BNA_F

ClientSampleId :

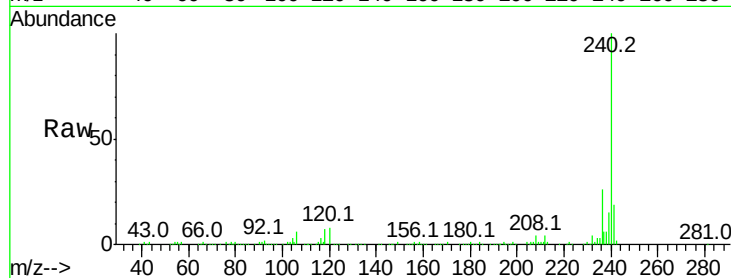
Tot Ion:240 Resp: 142329

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

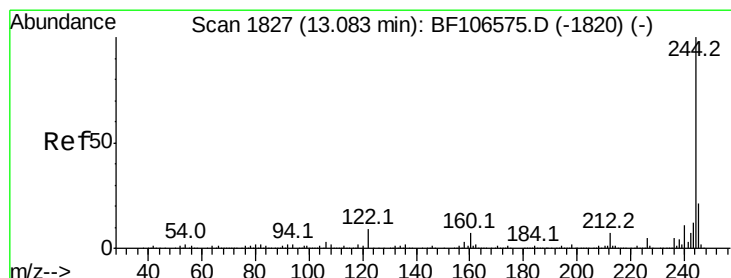
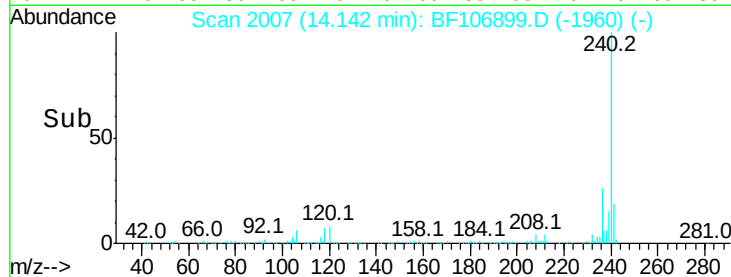
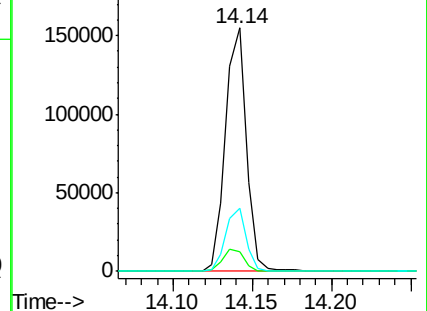
236 26.0 20.7 31.1



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: 75.535 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106899.D

Acq: 28 Jun 2018 4:14

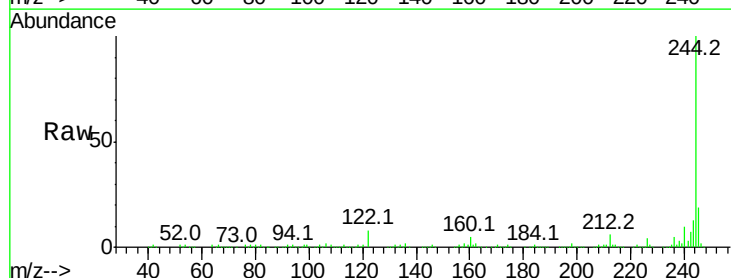
Tgt Ion:244 Resp: 443828

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

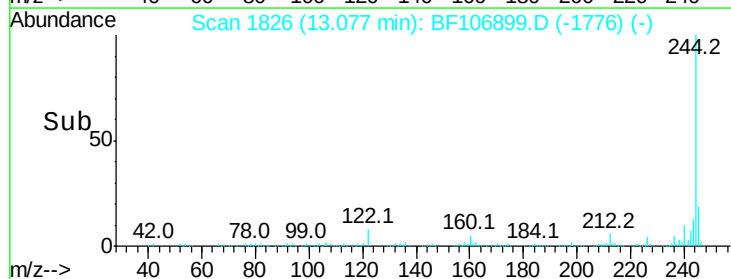
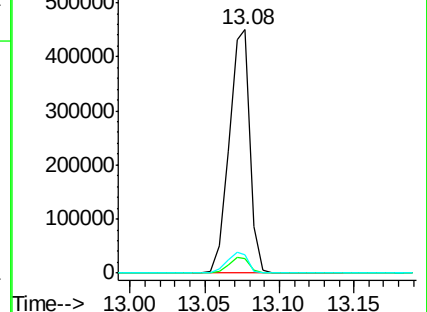
122 7.6 11.0 16.4#

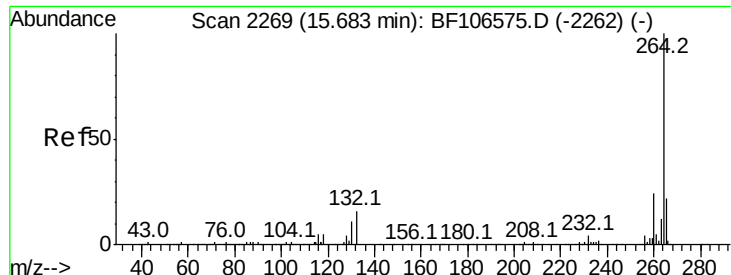


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106899.D
 Acq: 28 Jun 2018 4:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	17.5	26.3

