

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106897.D
 Acq On : 28 Jun 2018 3:21
 Operator : JU/SJ
 Sample : J3693-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 06:05:05 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

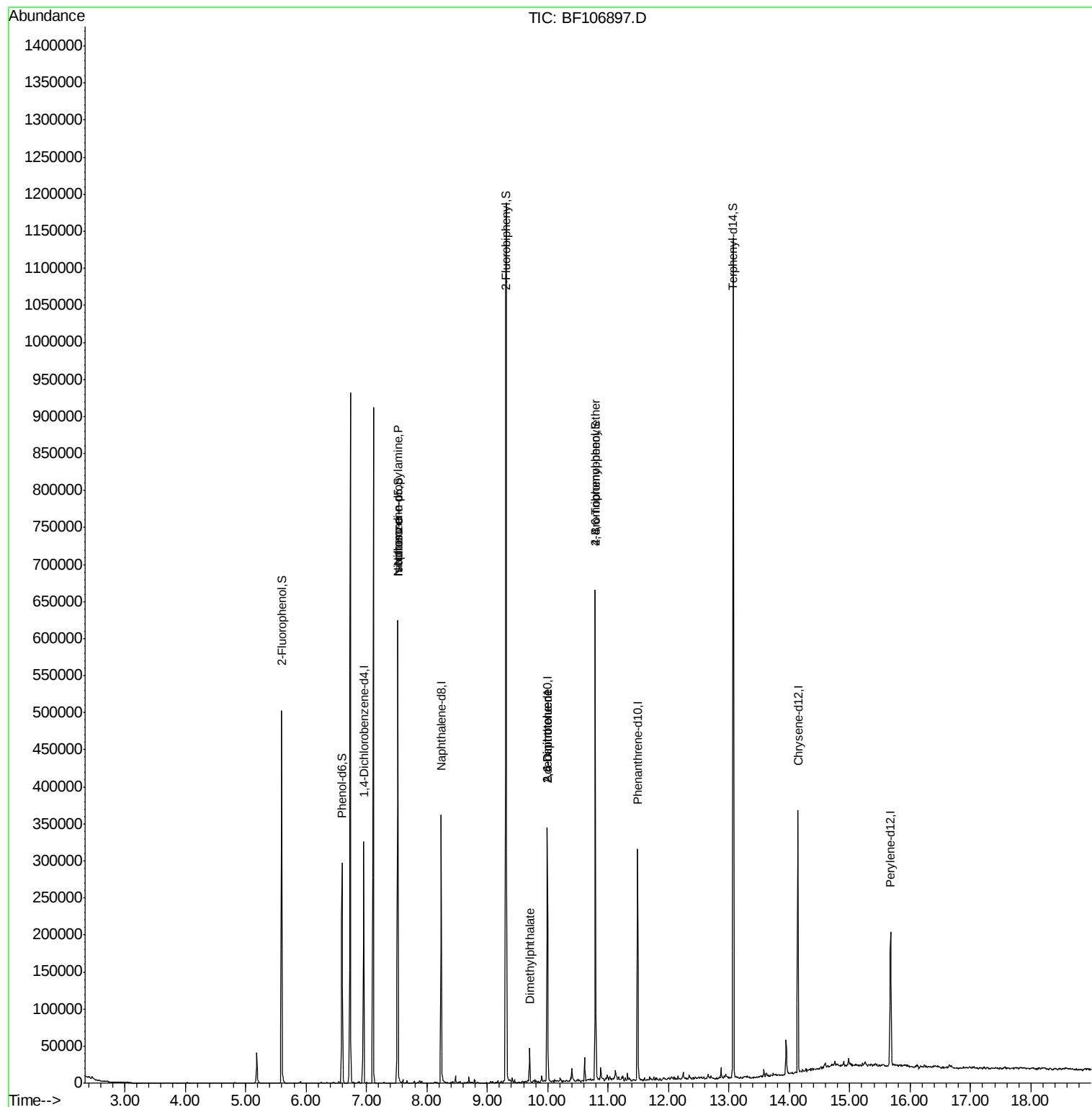
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	44319	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	158922	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	67257	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	116124	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	128710	20.00	ng	-0.02
86) Perylene-d12	15.68	264	91420	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	136040	51.98	ng	0.00
7) Phenol-d6	6.60	99	99349	30.40	ng	-0.02
23) Nitrobenzene-d5	7.52	82	231078	80.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	97158	124.64	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	402506	104.72	ng	-0.01
78) Terphenyl-d14	13.07	244	453561	85.36	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	30009	13.929	ng	# 73
25) Isophorone	7.52	82	231076	45.856	ng	# 64
49) Dimethylphthalate	9.70	163	18251	3.618	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	8775	8.215	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8775	6.294	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	5751	4.150	ng	# 1

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

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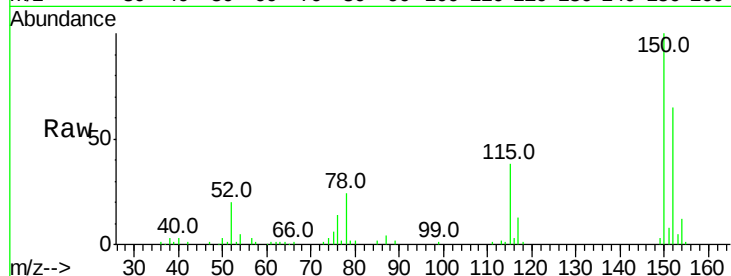


#1

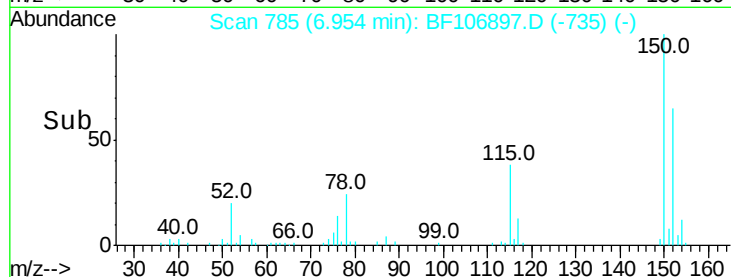
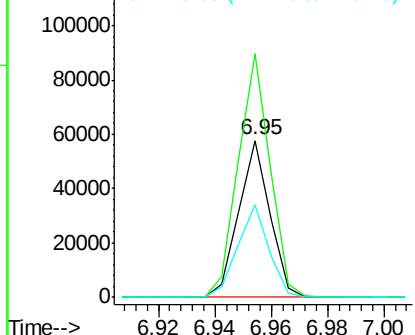
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106897.D
Acq: 28 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44319
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 58.6 50.1 75.1



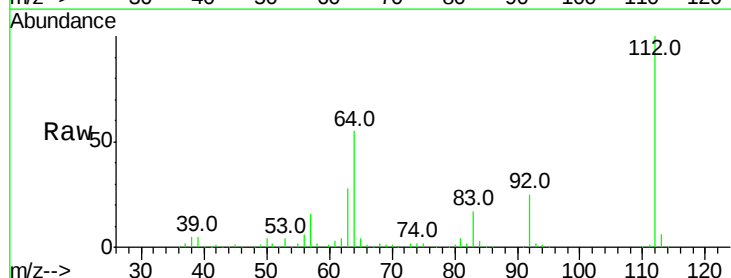
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



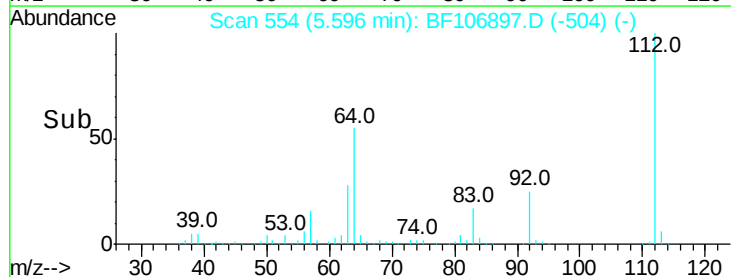
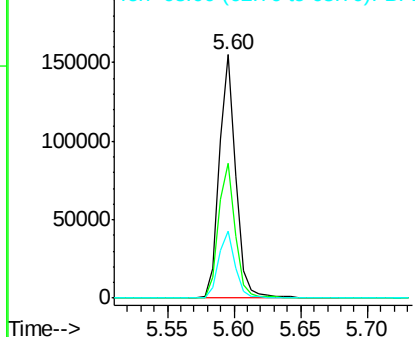
#5

2-Fluorophenol
Concen: 51.977 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106897.D
Acq: 28 Jun 2018 3:21

Tgt Ion:112 Resp: 136040
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 27.7 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: 30.396 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106897.D

Acq: 28 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

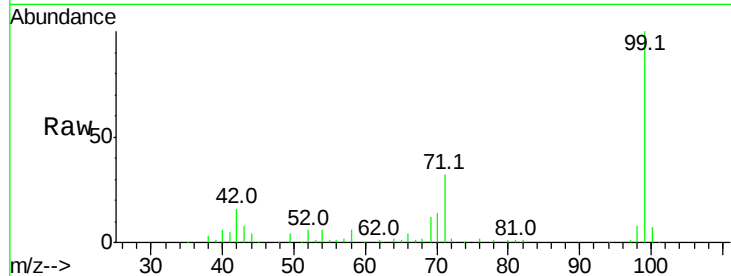
Tot Ion: 99 Resp: 99349

Ion Ratio Lower Upper

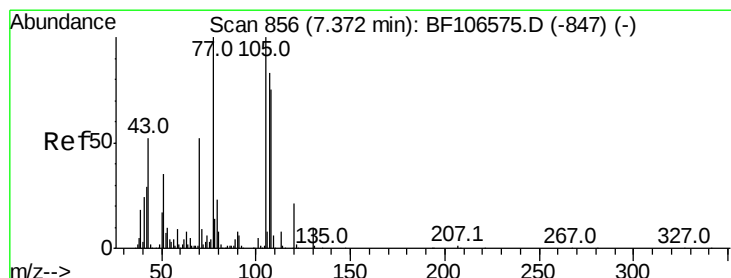
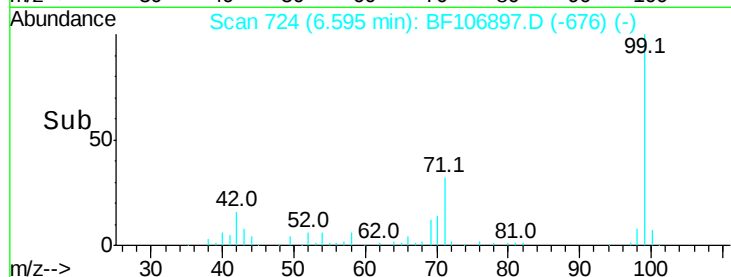
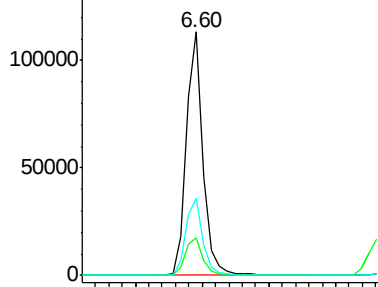
99 100

42 15.5 14.5 21.7

71 31.8 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: 13.929 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF106897.D

Acq: 28 Jun 2018 3:21

Tgt Ion: 70 Resp: 30009

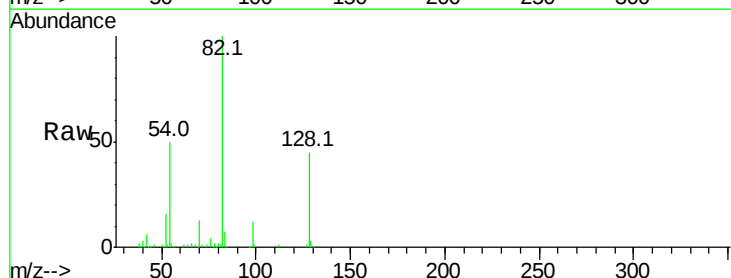
Ion Ratio Lower Upper

70 100

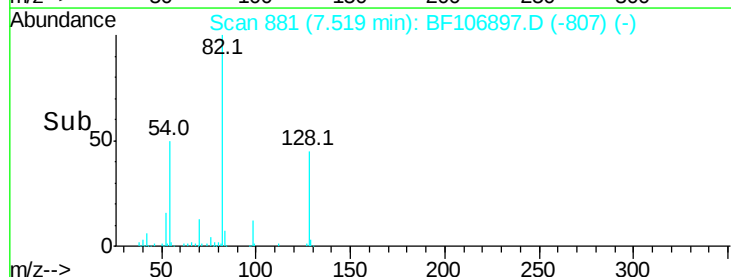
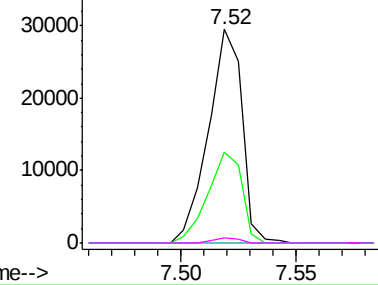
42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 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: BF106897.D

Acq: 28 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 158922

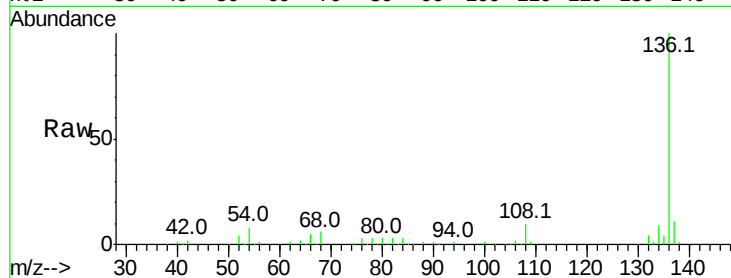
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.6 6.6 9.8

68 6.0 5.0 7.4

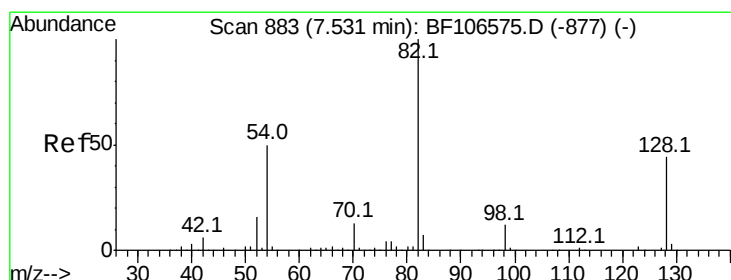
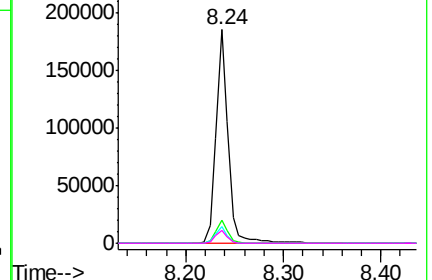
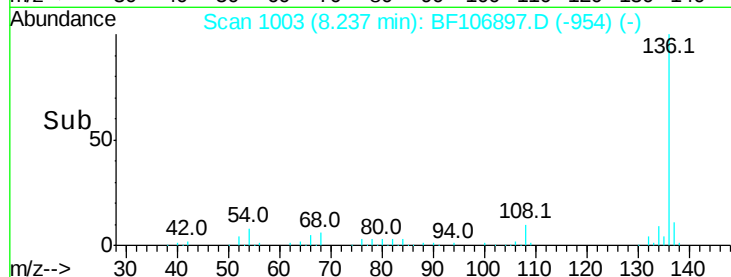


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.806 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF106897.D

Acq: 28 Jun 2018 3:21

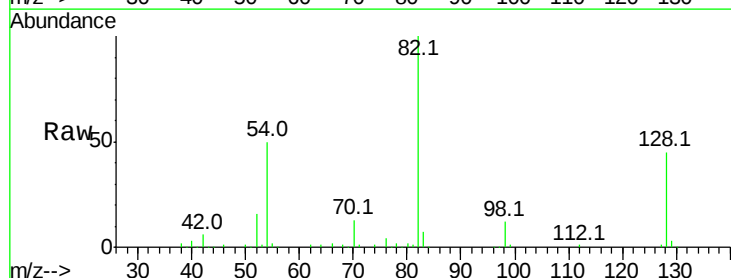
Tgt Ion: 82 Resp: 231078

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

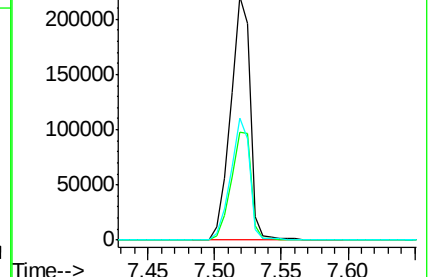
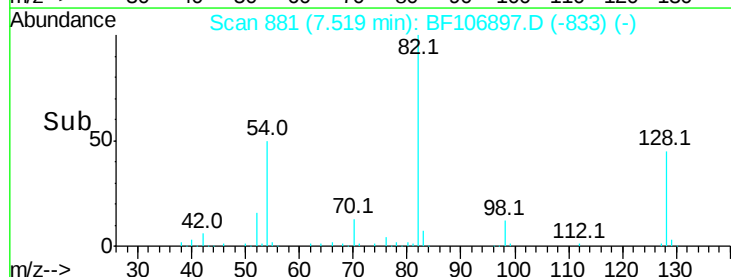
54 50.0 41.4 62.2

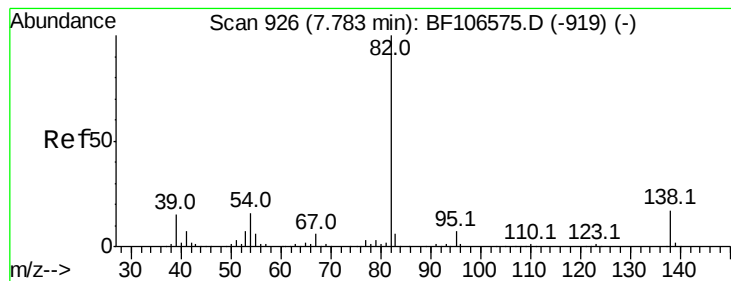


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.856 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF106897.D

Acq: 28 Jun 2018 3:21

Instrument :

BNA_F

ClientSampled :

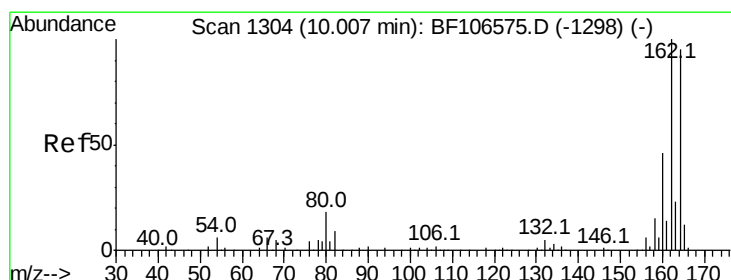
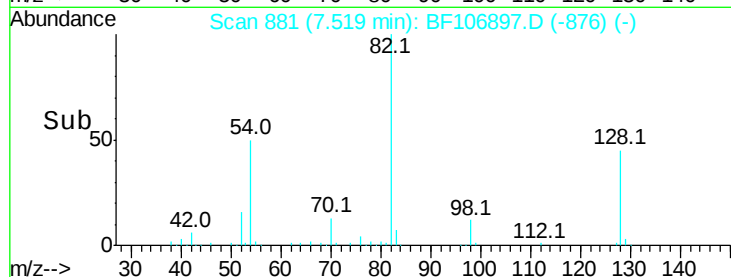
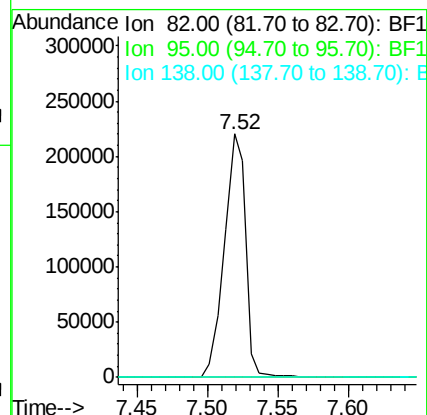
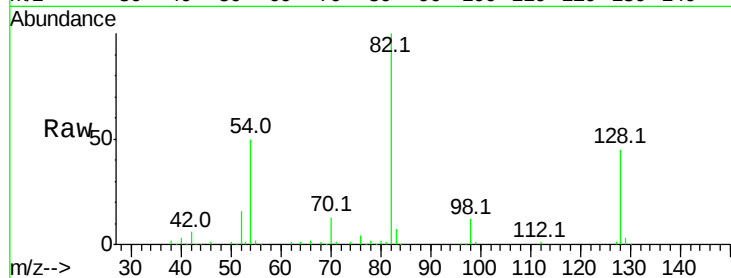
Tot Ion: 82 Resp: 231076

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: BF106897.D

Acq: 28 Jun 2018 3:21

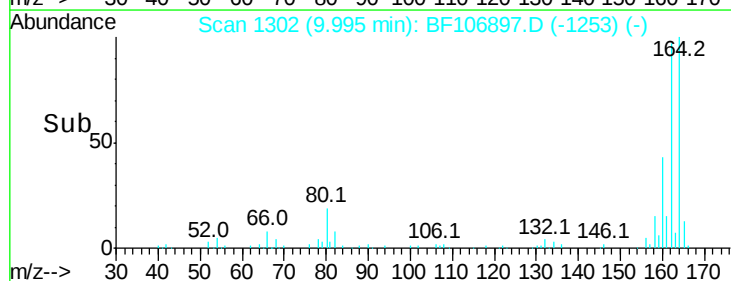
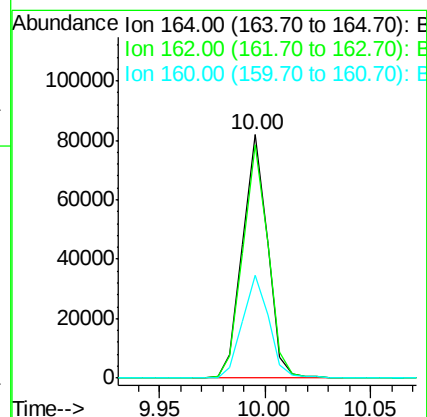
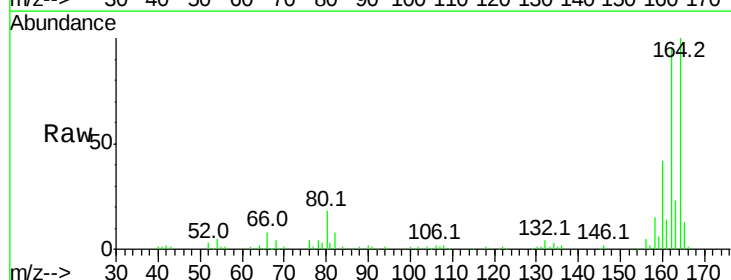
Tgt Ion:164 Resp: 67257

Ion Ratio Lower Upper

164 100

162 95.8 86.1 129.1

160 42.4 38.3 57.5

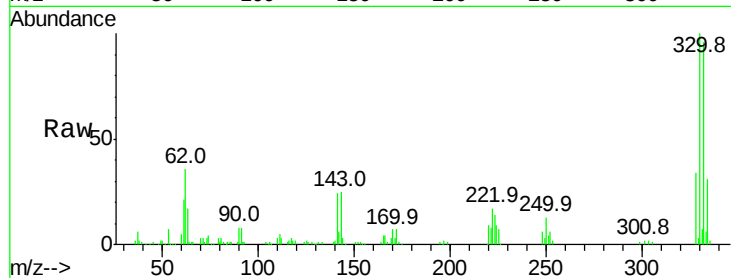




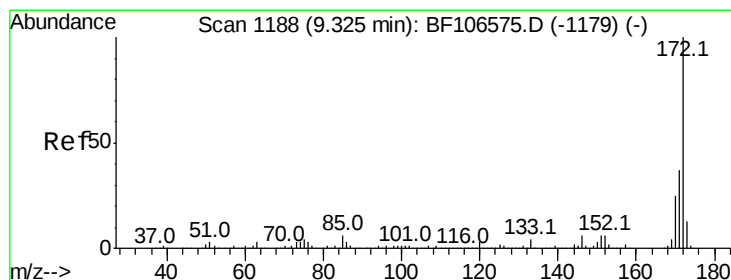
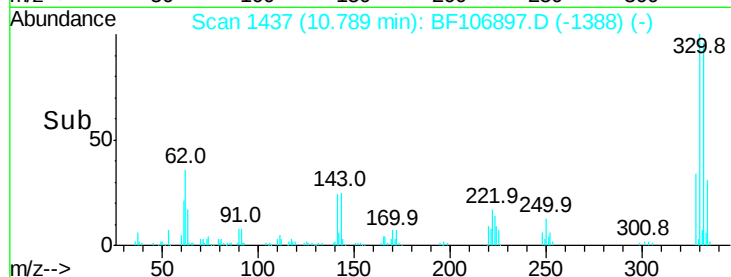
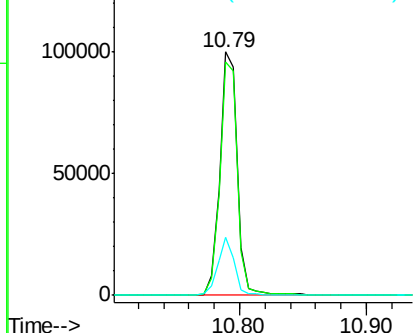
#41
 2,4,6-Tribromophenol
 Concen: 124.637 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106897.D
 Acq: 28 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	23.0	29.9	44.9#

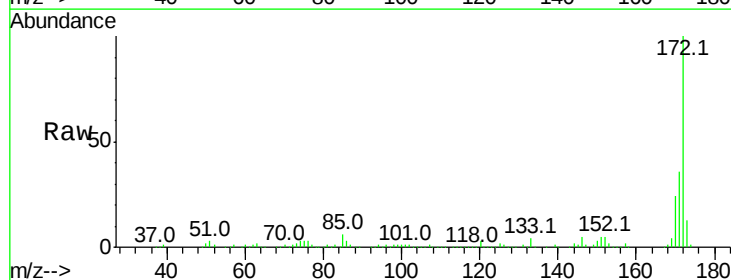


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

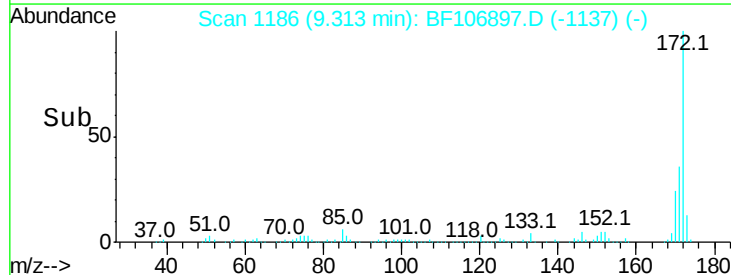
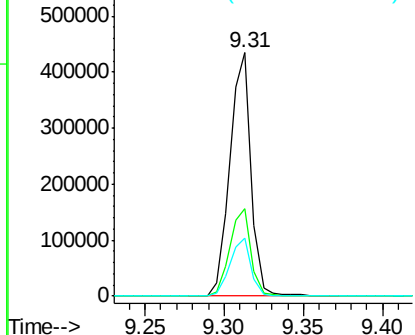


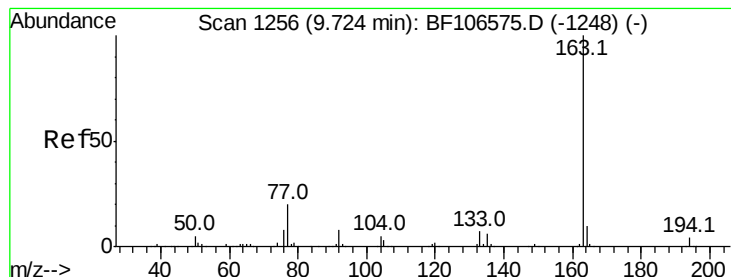
#44
 2-Fluorobiphenyl
 Concen: 104.719 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106897.D
 Acq: 28 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	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: 3.618 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106897.D

Acq: 28 Jun 2018 3:21

Instrument :

BNA_F

ClientSampled :

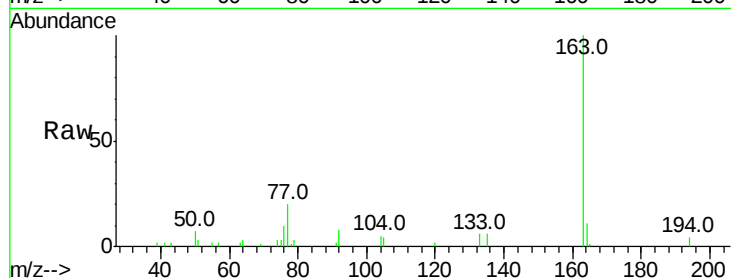
Tot Ion:163 Resp: 18251

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

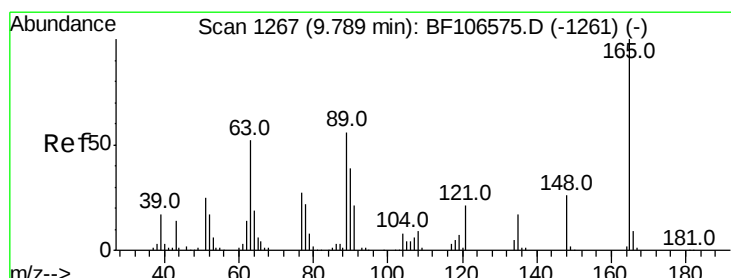
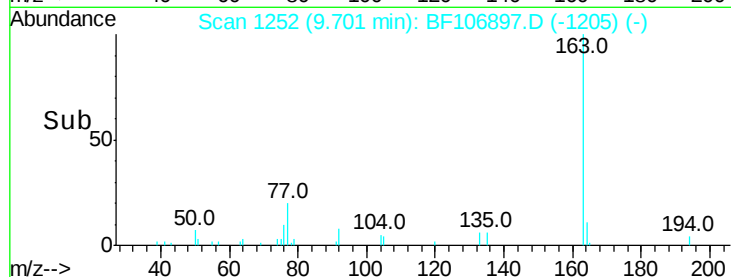
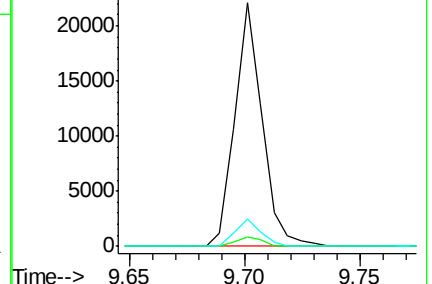
164 11.1 8.2 12.2



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: 8.215 ng

RT: 10.00 min Scan# 1302

Delta R.T. 0.20 min

Lab File: BF106897.D

Acq: 28 Jun 2018 3:21

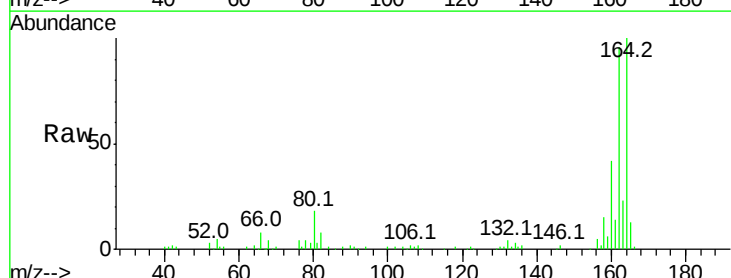
Tgt Ion:165 Resp: 8775

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

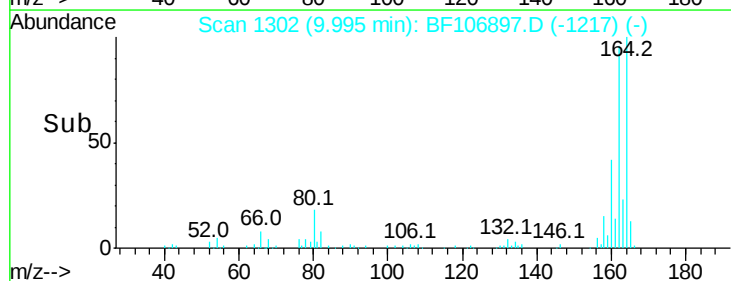
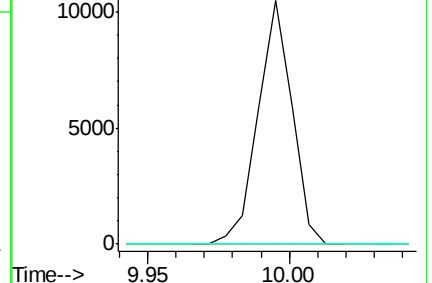
89 0.0 44.0 66.0#



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

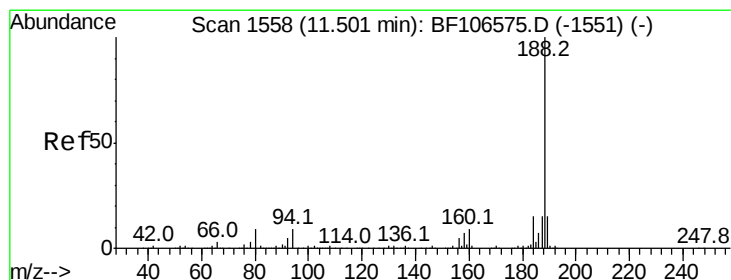
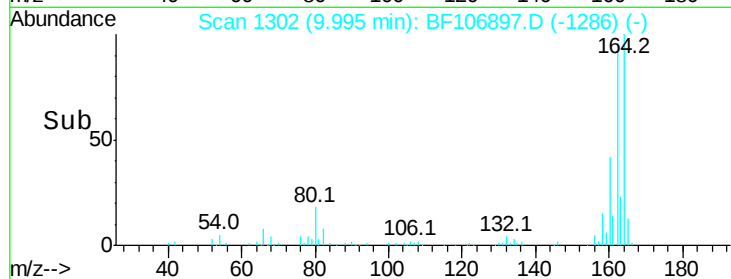
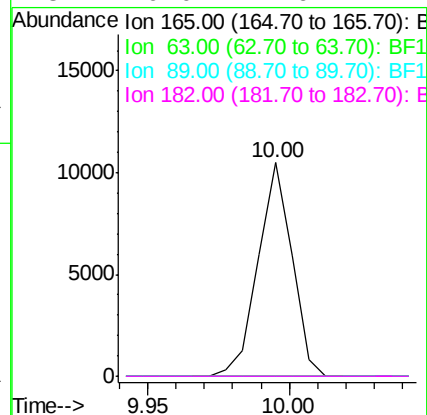
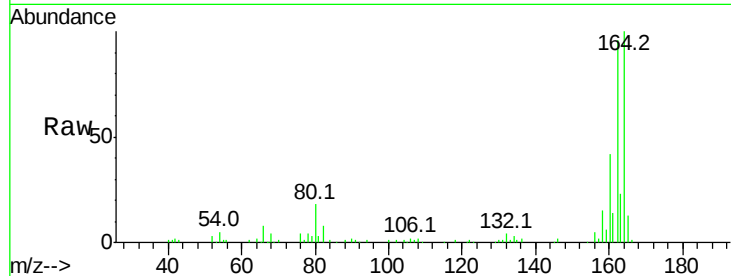




#56
 2,4-Dinitrotoluene
 Concen: 6.294 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF106897.D
 Acq: 28 Jun 2018 3:21

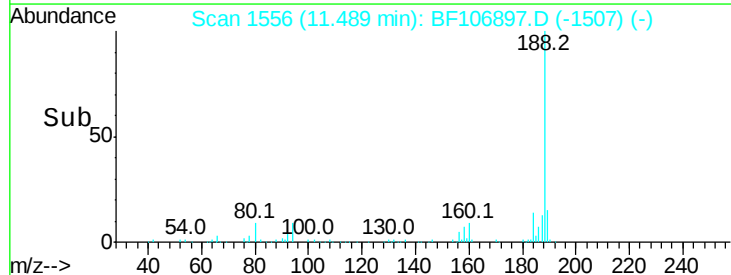
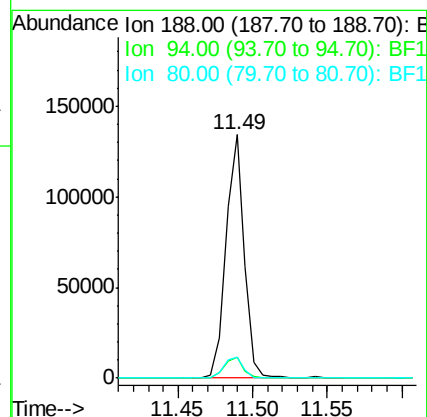
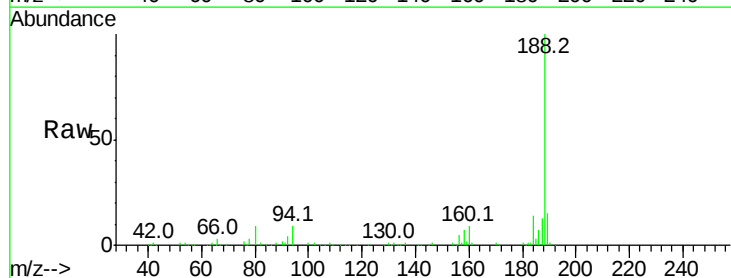
Instrument :
 BNA_F
 ClientSampleId :

Tot 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#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106897.D
 Acq: 28 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	8.7	9.2	13.8#

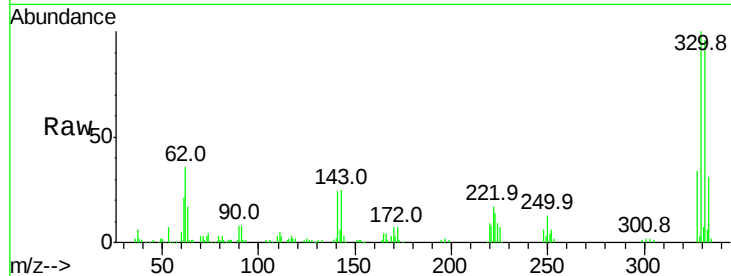




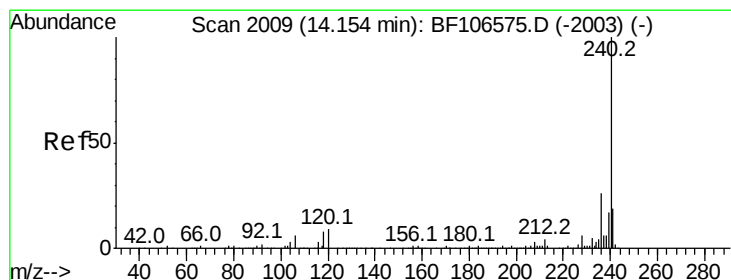
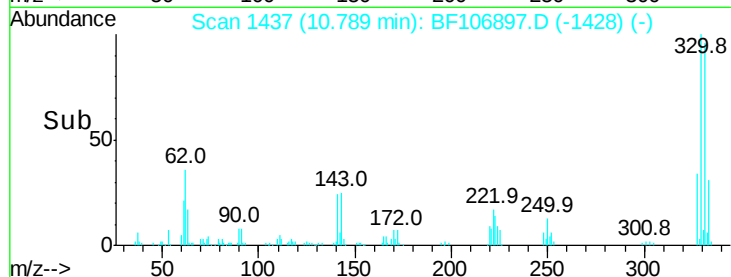
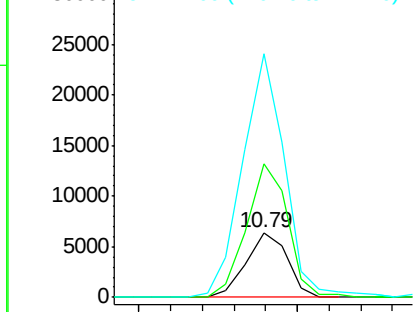
#66
4-Bromophenyl-phenylether
Concen: 4.150 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106897.D
Acq: 28 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5751
Ion Ratio Lower Upper
248 100
250 204.7 76.9 115.3#
141 375.1 74.4 111.6#

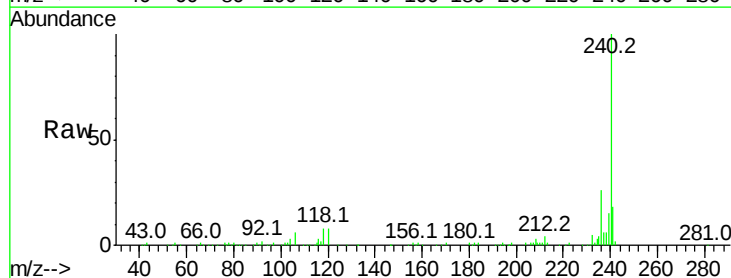


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

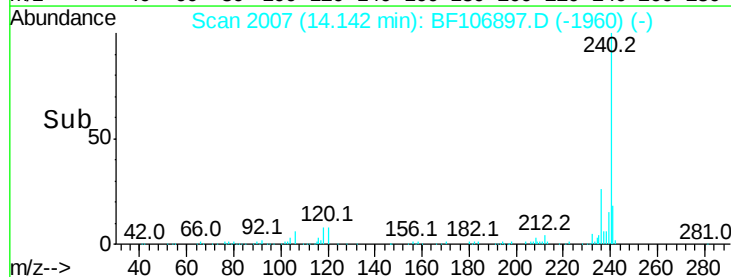
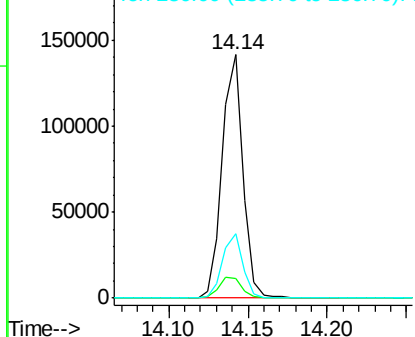


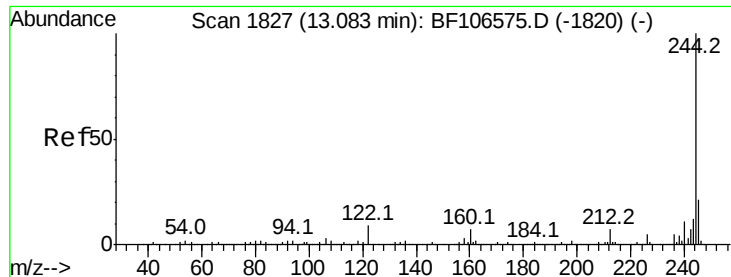
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106897.D
Acq: 28 Jun 2018 3:21

Tgt Ion:240 Resp: 128710
Ion Ratio Lower Upper
240 100
120 8.1 9.5 14.3#
236 26.2 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

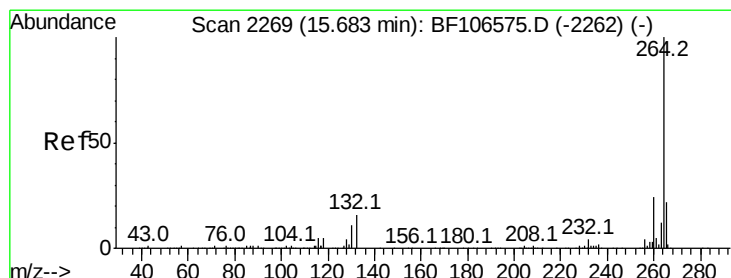
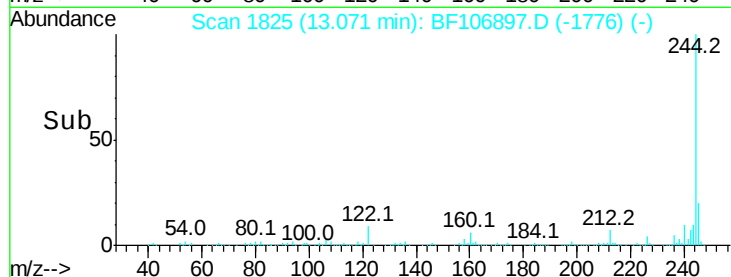
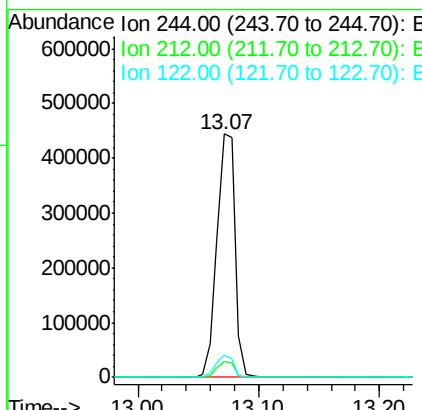
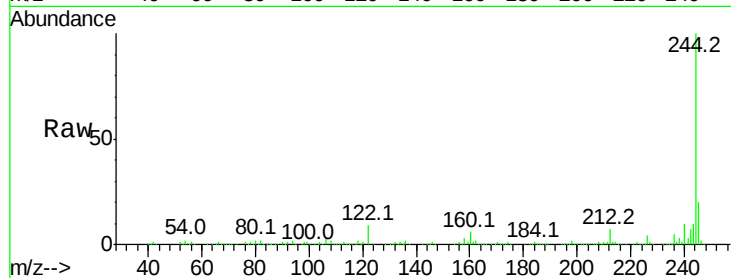




#78
 Terphenyl-d14
 Concen: 85.359 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106897.D
 Acq: 28 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 453561
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106897.D
 Acq: 28 Jun 2018 3:21

Tgt Ion:264 Resp: 91420
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.6 17.5 26.3

