

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112012.D
 Acq On : 11 Jan 2019 13:52
 Operator : JU/SJ
 Sample : K1102-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:21:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

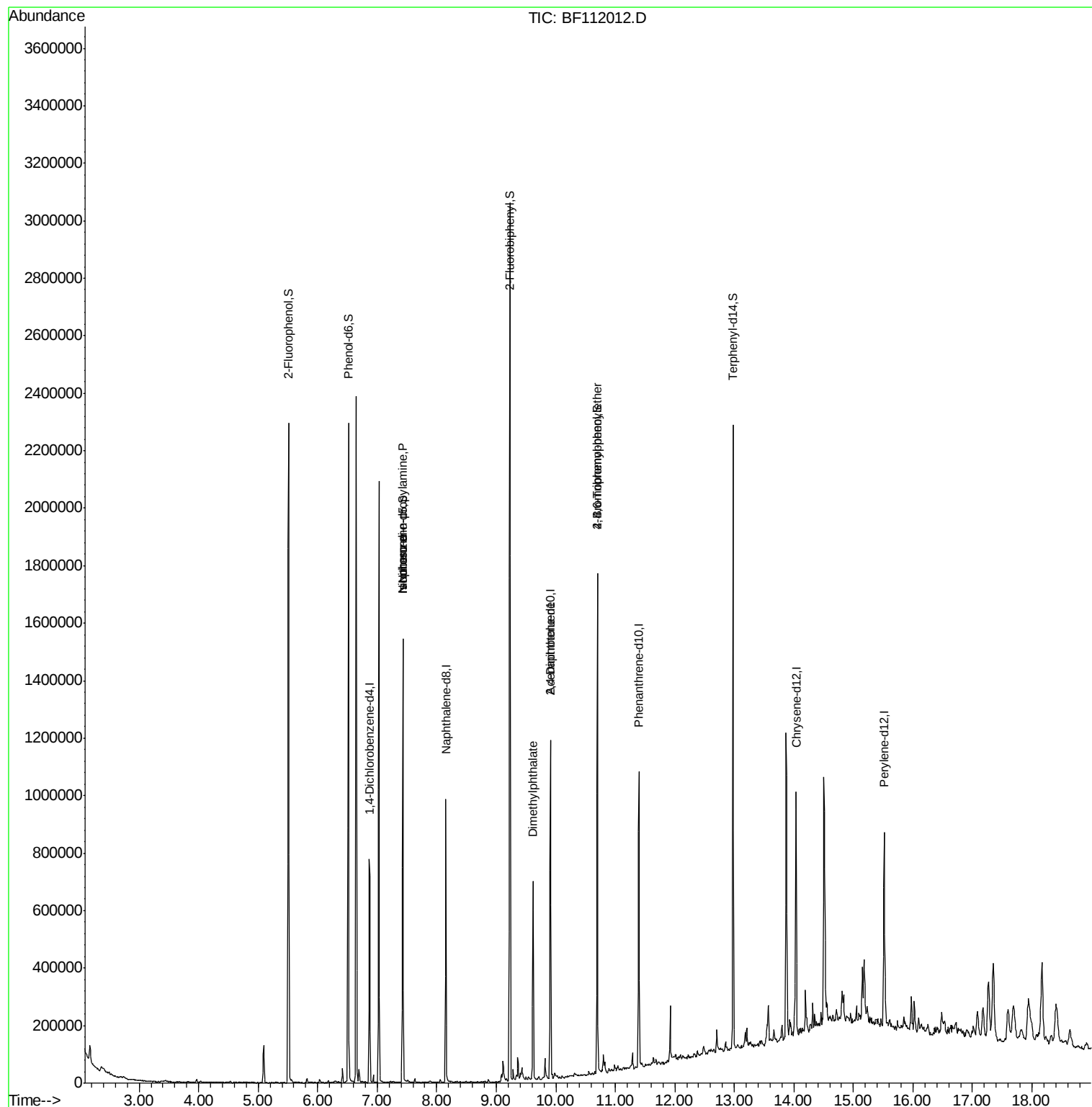
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115609	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	441987	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	214185	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	354352	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	291432	20.00	ng	-0.02
87) Perylene-d12	15.52	264	308648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	592457	87.67	ng	-0.01
7) Phenol-d6	6.52	99	730201	83.84	ng	-0.02
23) Nitrobenzene-d5	7.43	82	513316	62.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	207268	74.40	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	913891	62.22	ng	-0.02
79) Terphenyl-d14	12.98	244	674321	43.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	69769	12.329	ng	# 75
25) Isophorone	7.43	82	513305	38.330	ng	# 65
50) Dimethylphthalate	9.62	163	272862	16.959	ng	98
57) 2,4-Dinitrotoluene	9.91	165	27093	5.827	ng	# 27
67) 4-Bromophenyl-phenylether	10.70	248	12110	2.639	ng	# 1

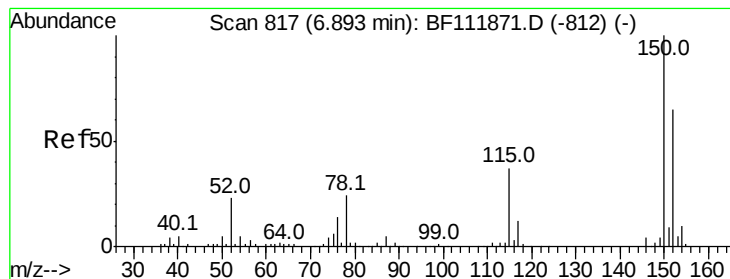
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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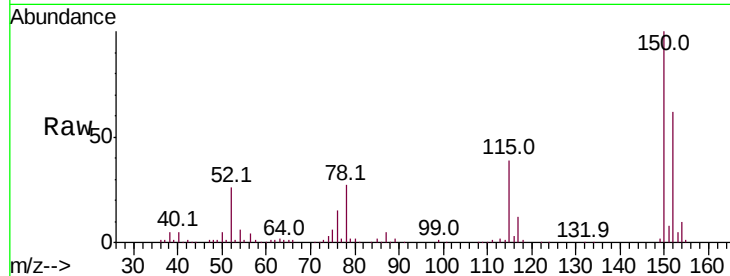




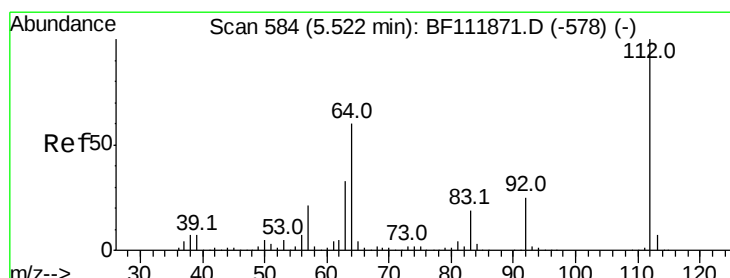
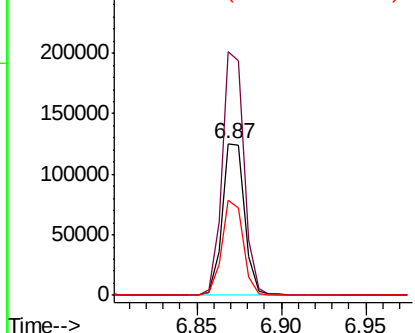
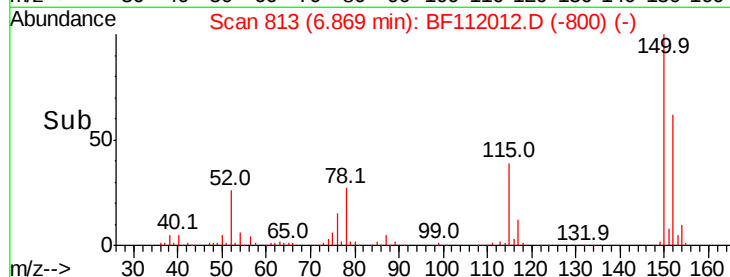
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF112012.D
 Acq: 11 Jan 2019 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 115609
 Ion Ratio Lower Upper
 152 100
 150 160.3 122.7 184.1
 115 62.9 45.2 67.8

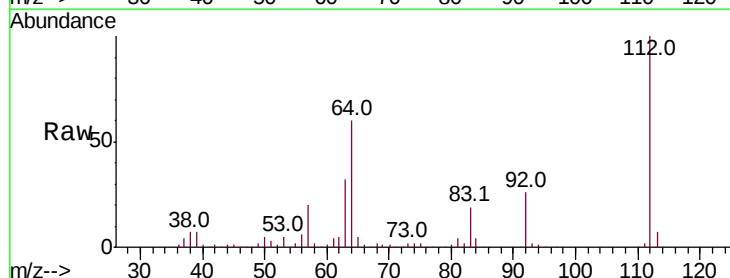


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

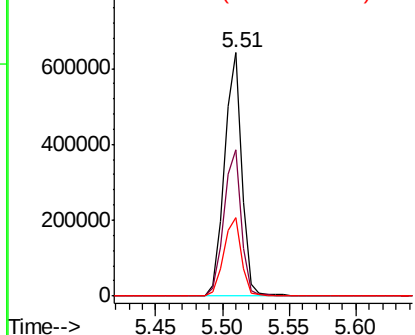
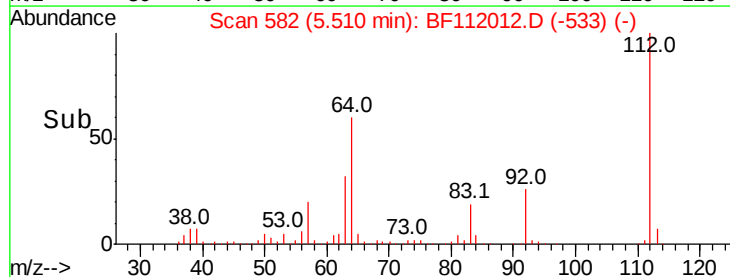


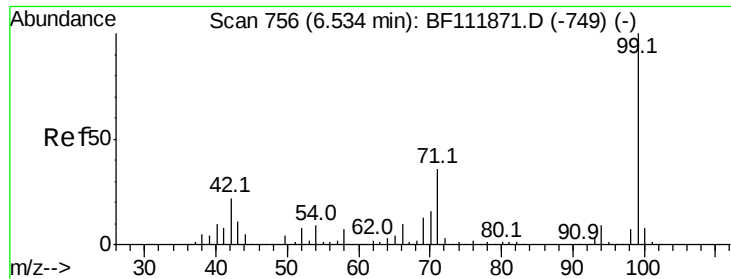
#5
 2-Fluorophenol
 Concen: 87.674 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF112012.D
 Acq: 11 Jan 2019 13:52

Tgt Ion:112 Resp: 592457
 Ion Ratio Lower Upper
 112 100
 64 59.9 48.3 72.5
 63 32.4 26.1 39.1



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: 83.838 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF112012.D

Acq: 11 Jan 2019 13:52

Instrument :

BNA_F

ClientSampleId :

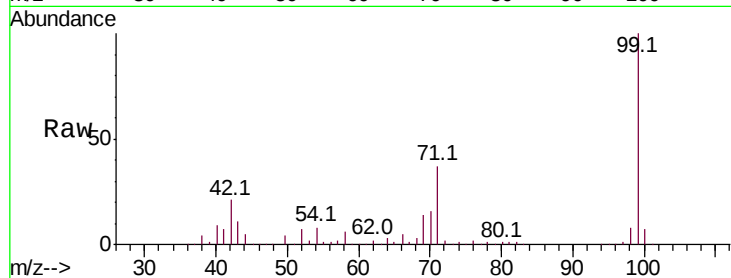
Tot Ion: 99 Resp: 730201

Ion Ratio Lower Upper

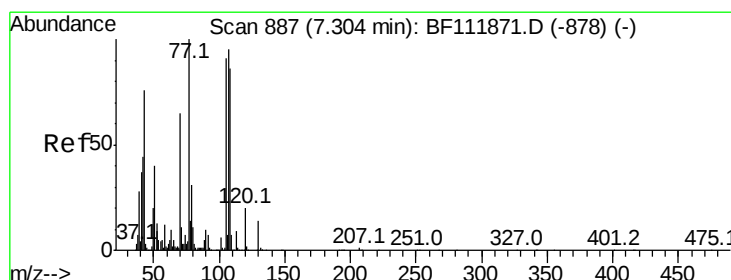
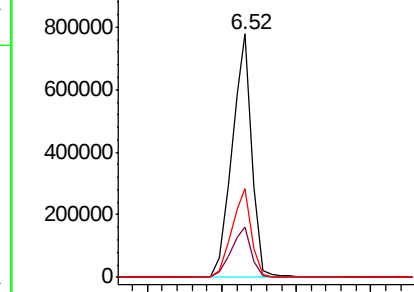
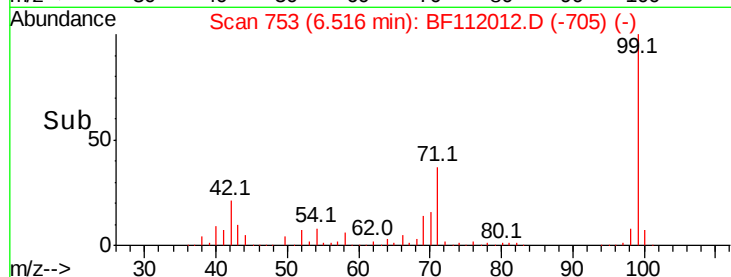
99 100

42 20.5 17.9 26.9

71 36.6 28.7 43.1



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: 12.329 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF112012.D

Acq: 11 Jan 2019 13:52

Tgt Ion: 70 Resp: 69769

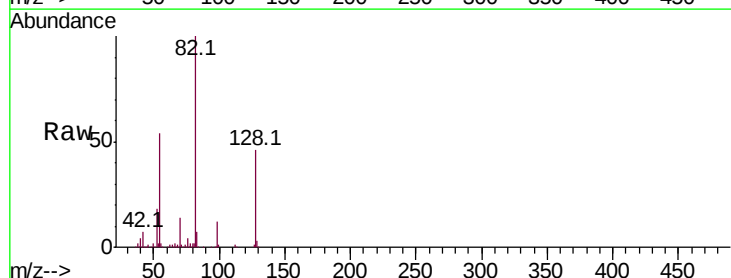
Ion Ratio Lower Upper

70 100

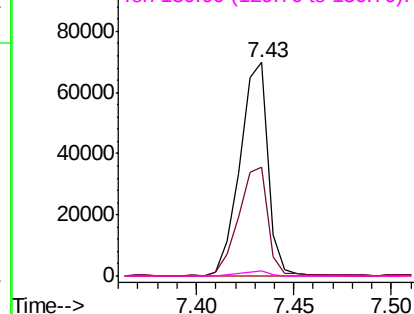
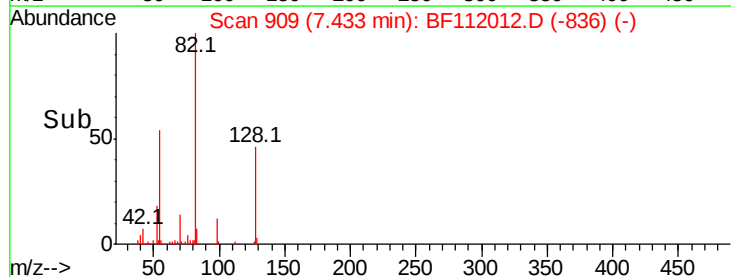
42 51.2 53.6 80.4#

101 0.0 7.3 10.9#

130 2.3 16.8 25.2#



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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF112012.D

Acq: 11 Jan 2019 13:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 441987

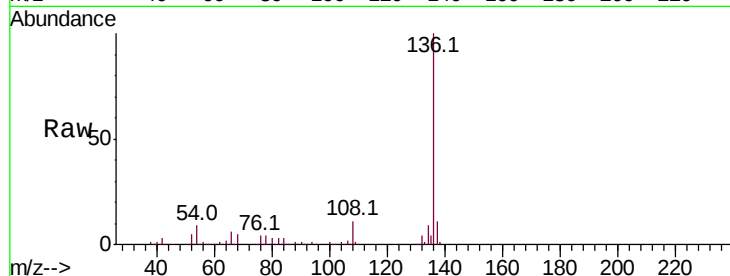
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.9 7.2 10.8

68 5.4 4.4 6.6

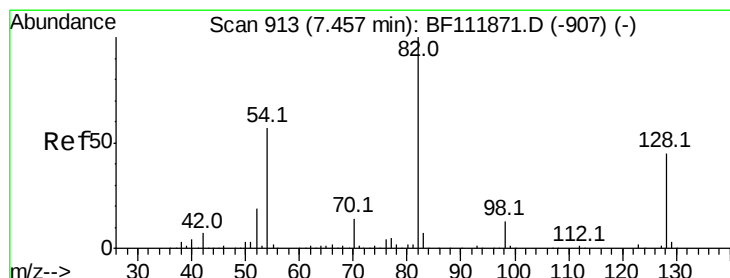
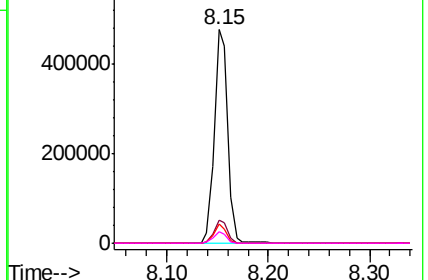
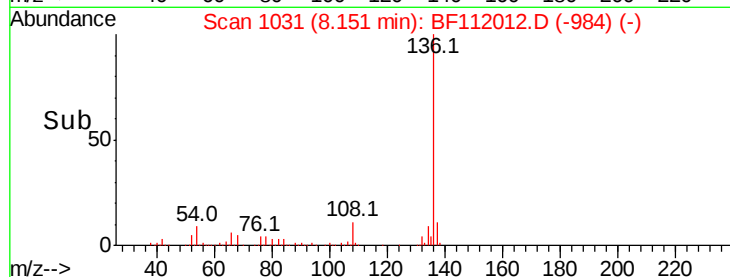


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.070 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF112012.D

Acq: 11 Jan 2019 13:52

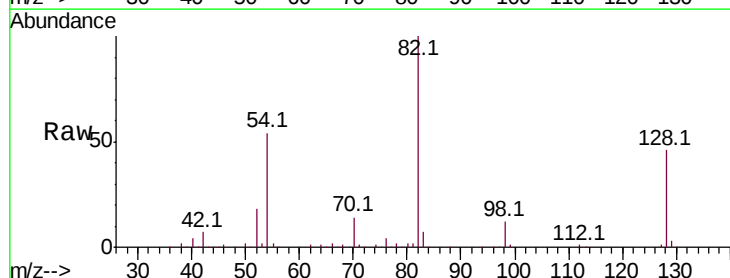
Tgt Ion: 82 Resp: 513316

Ion Ratio Lower Upper

82 100

128 46.2 35.7 53.5

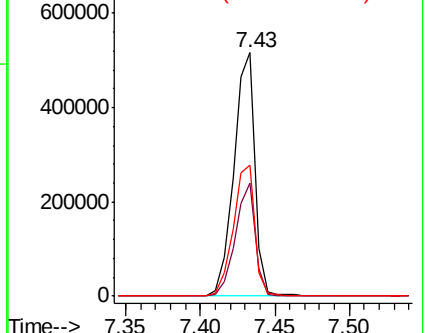
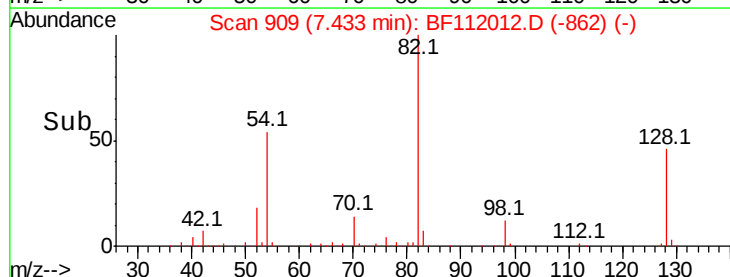
54 53.6 45.8 68.8

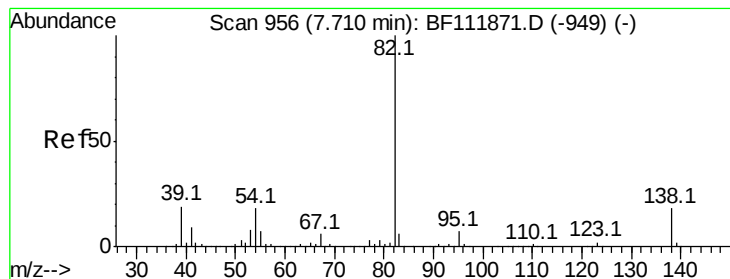


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.330 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF112012.D

Acq: 11 Jan 2019 13:52

Instrument :

BNA_F

ClientSampled :

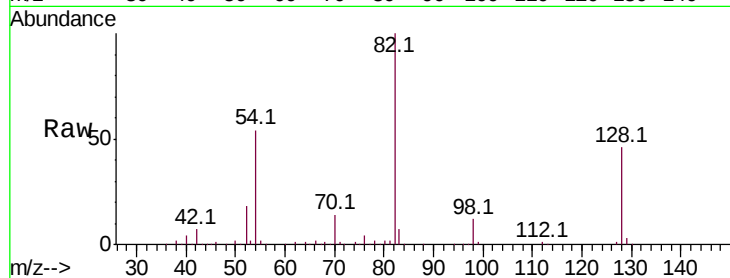
Tot Ion: 82 Resp: 513305

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

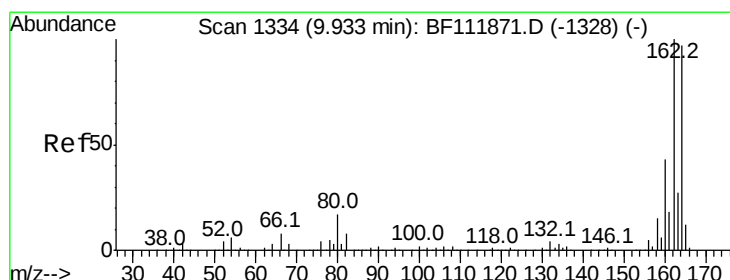
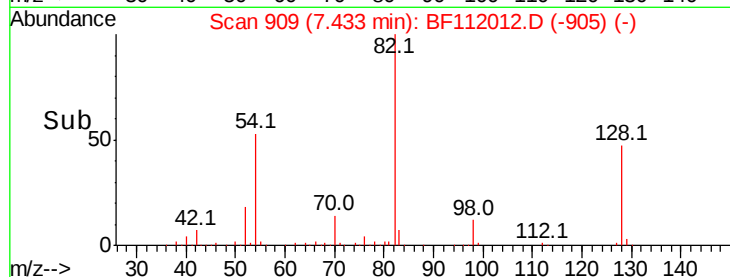
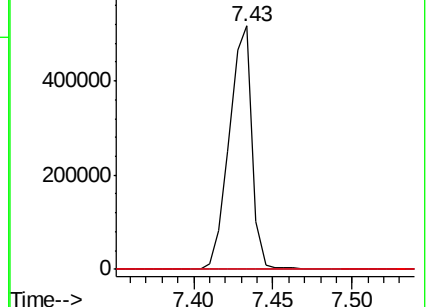
138 0.0 14.4 21.6#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF112012.D

Acq: 11 Jan 2019 13:52

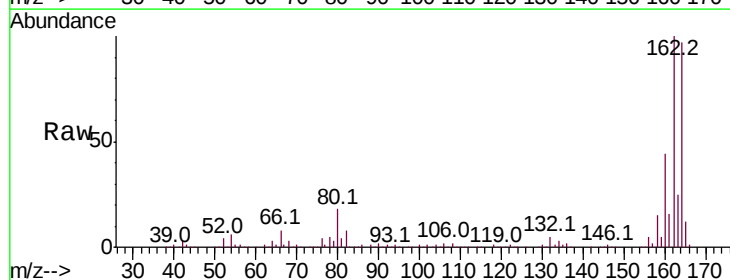
Tgt Ion:164 Resp: 214185

Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.2

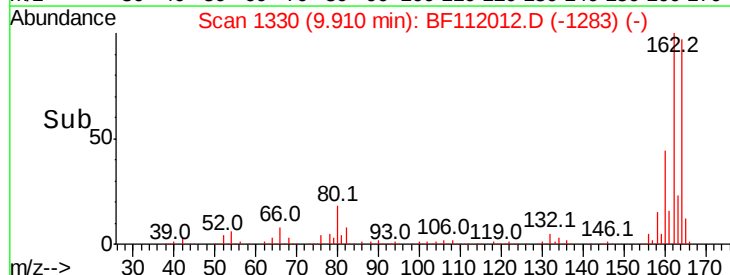
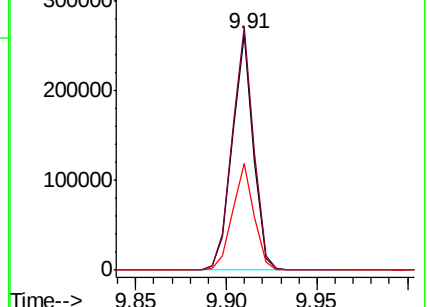
160 45.2 35.5 53.3

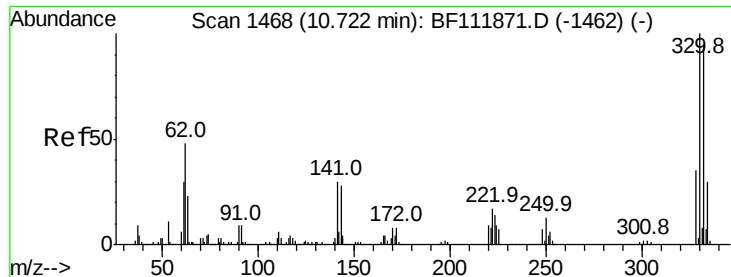


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

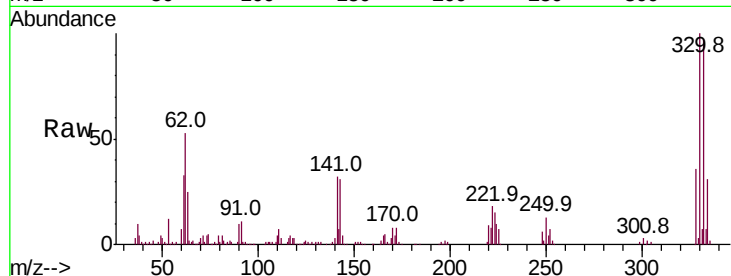




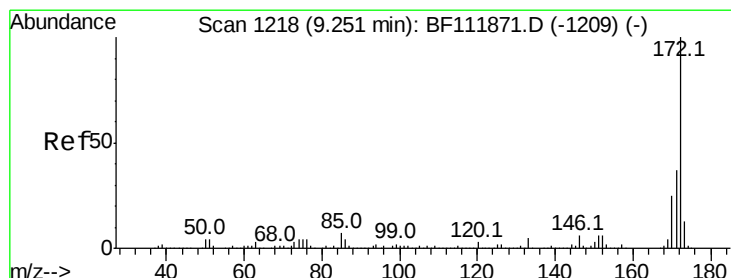
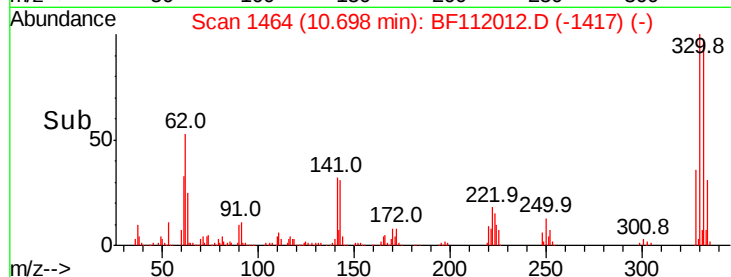
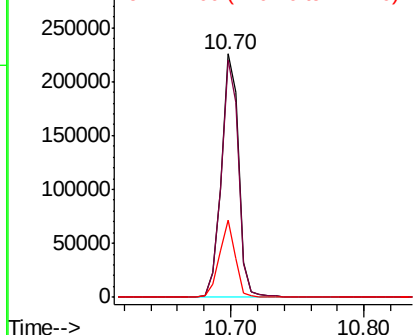
#42
 2,4,6-Tribromophenol
 Concen: 74.399 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF112012.D
 Acq: 11 Jan 2019 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	29.6	23.7	35.5

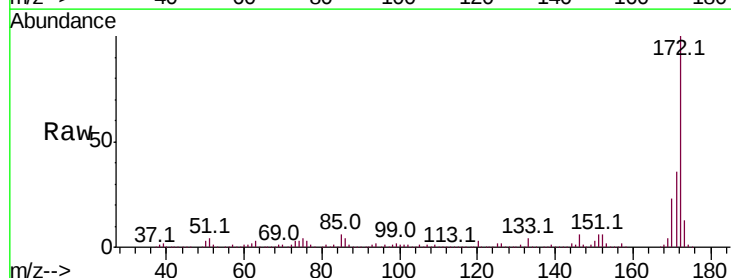


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

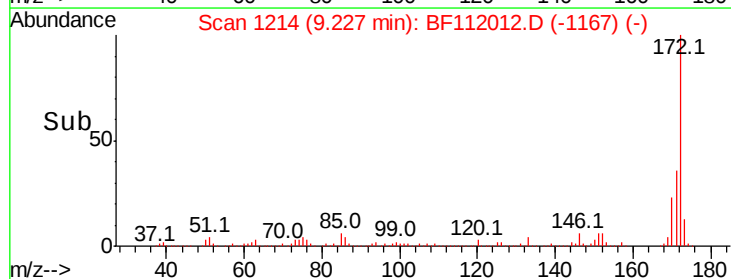
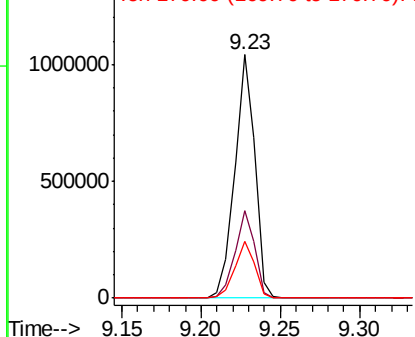


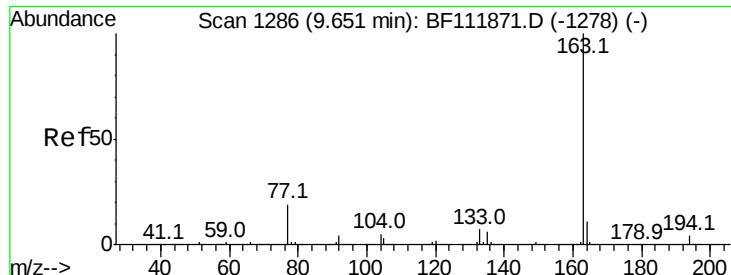
#45
 2-Fluorobiphenyl
 Concen: 62.219 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF112012.D
 Acq: 11 Jan 2019 13:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.4	19.8	29.8



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





#50

Dimethylphthalate

Concen: 16.959 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BF112012.D

Acq: 11 Jan 2019 13:52

Instrument :

BNA_F

ClientSampleId :

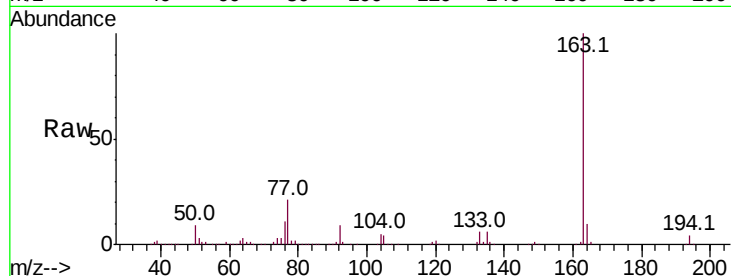
Tot Ion:163 Resp: 272862

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

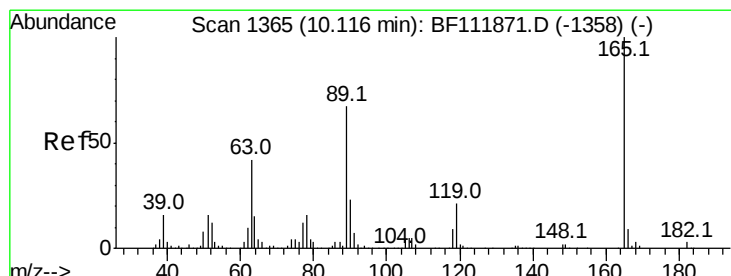
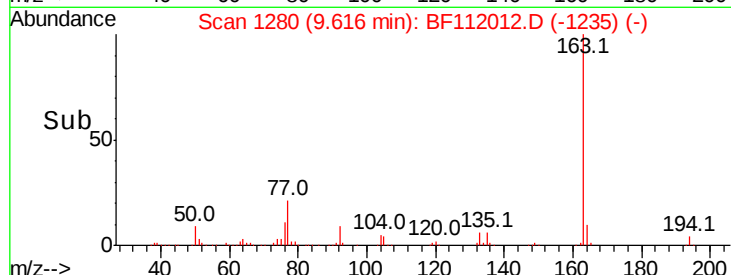
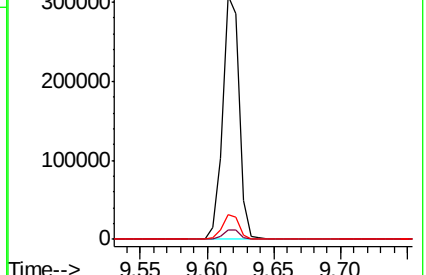
164 10.0 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 5.827 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.21 min

Lab File: BF112012.D

Acq: 11 Jan 2019 13:52

Tgt Ion:165 Resp: 27093

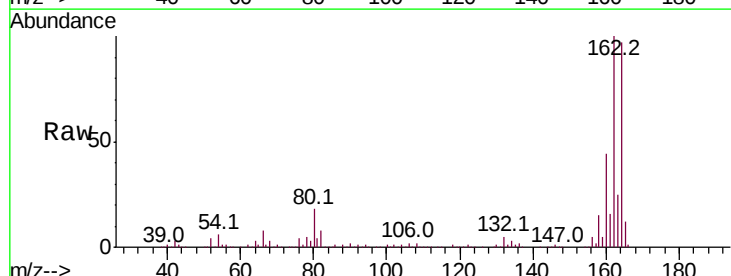
Ion Ratio Lower Upper

165 100

63 1.9 34.1 51.1#

89 1.6 53.5 80.3#

182 0.0 2.0 3.0#

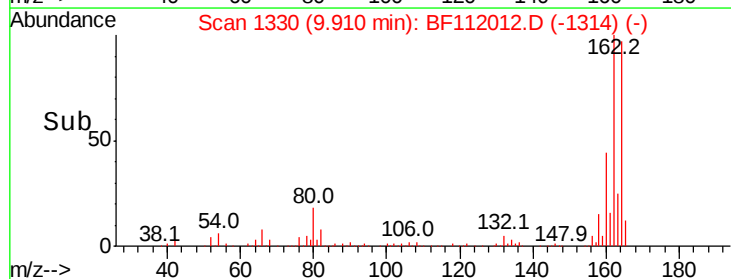
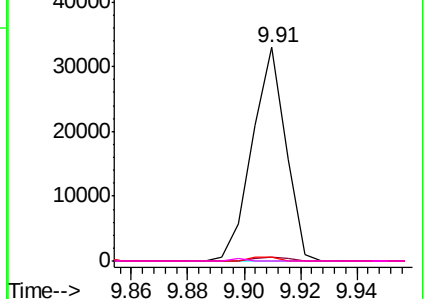


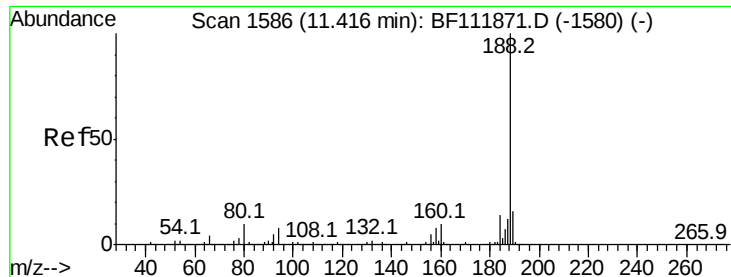
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

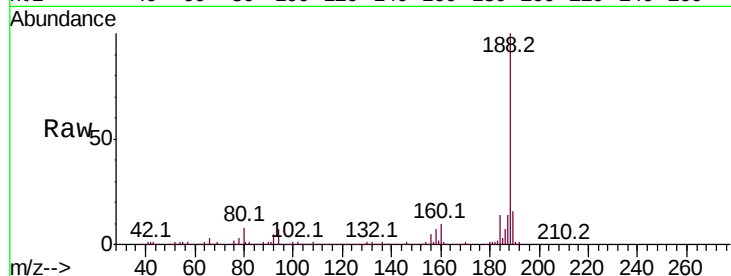




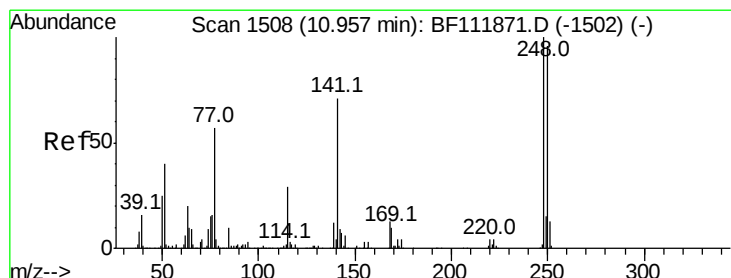
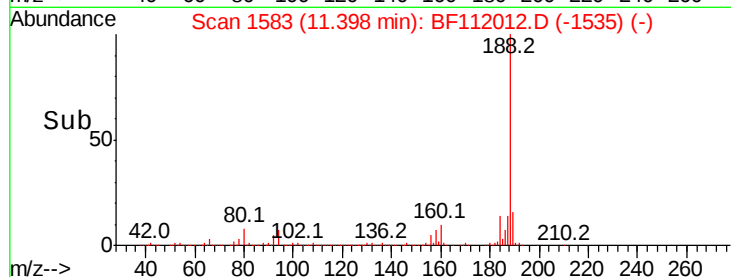
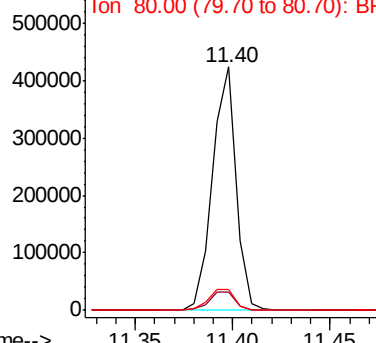
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF112012.D
Acq: 11 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 354352
Ion Ratio Lower Upper
188 100
94 7.4 6.6 10.0
80 8.3 7.7 11.5

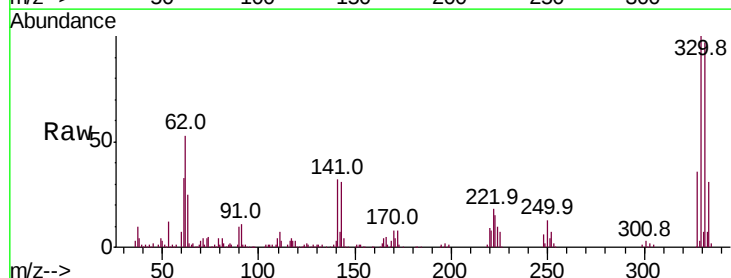


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

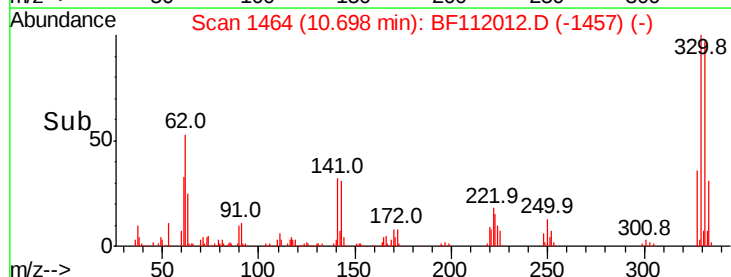
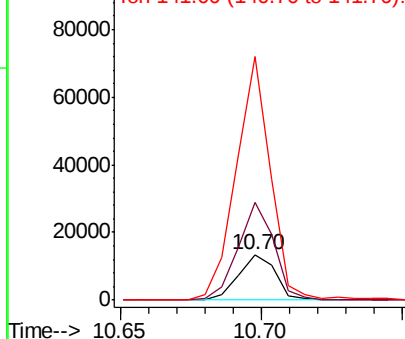


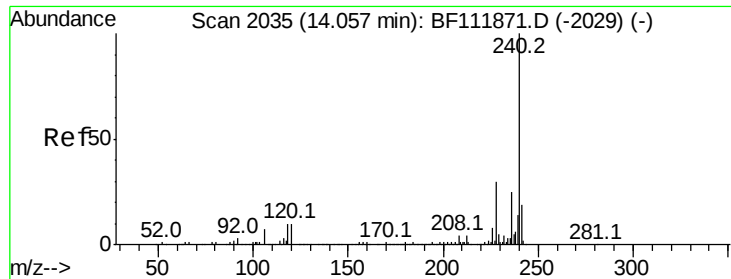
#67
4-Bromophenyl-phenylether
Concen: 2.639 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF112012.D
Acq: 11 Jan 2019 13:52

Tgt Ion:248 Resp: 12110
Ion Ratio Lower Upper
248 100
250 212.8 76.8 115.2#
141 533.7 57.0 85.6#



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

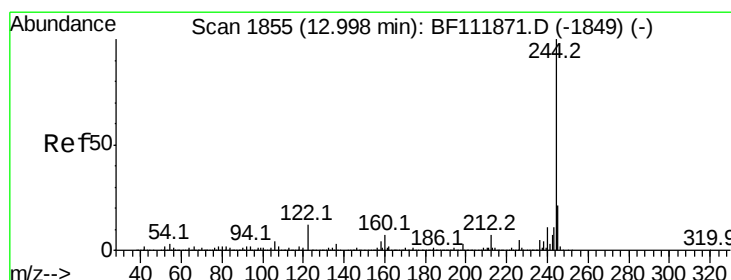
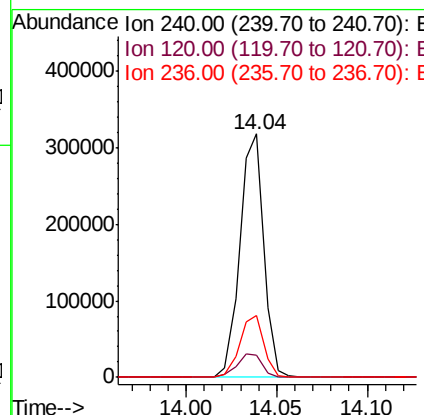
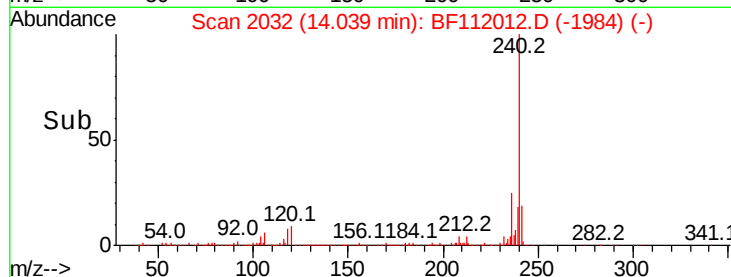
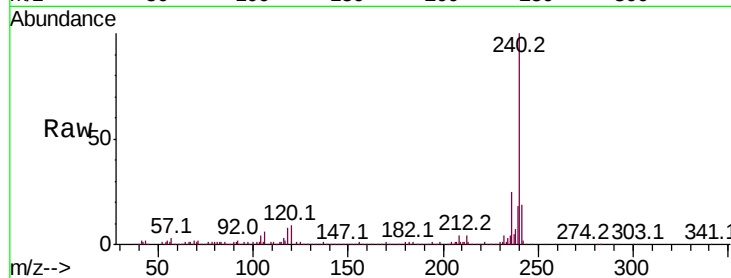




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF112012.D
 Acq: 11 Jan 2019 13:52

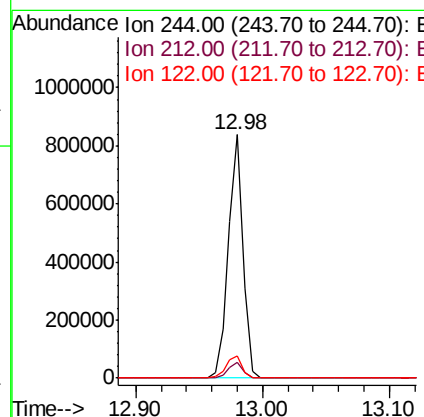
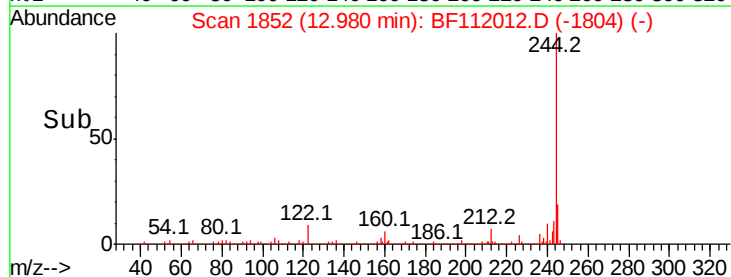
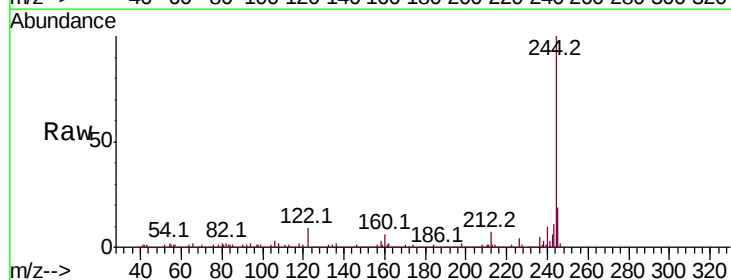
Instrument :
 BNA_F
 ClientSampleId :

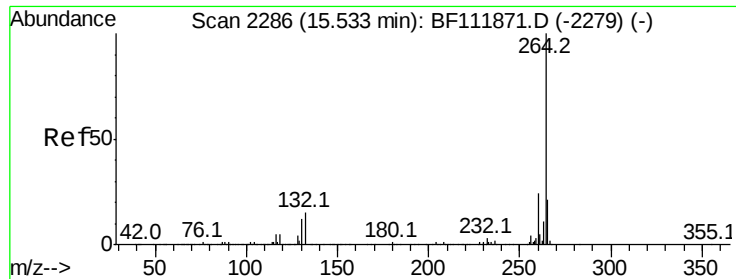
Tot Ion:240 Resp: 291432
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.2 12.2
 236 25.3 20.2 30.4



#79
 Terphenyl-d14
 Concen: 43.921 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF112012.D
 Acq: 11 Jan 2019 13:52

Tgt Ion:244 Resp: 674321
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 9.3 9.5 14.3#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF112012.D
 Acq: 11 Jan 2019 13:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.1	25.7

