

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110795.D
 Acq On : 15 Nov 2018 18:22
 Operator : JU/SJ
 Sample : J5950-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 04:28:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

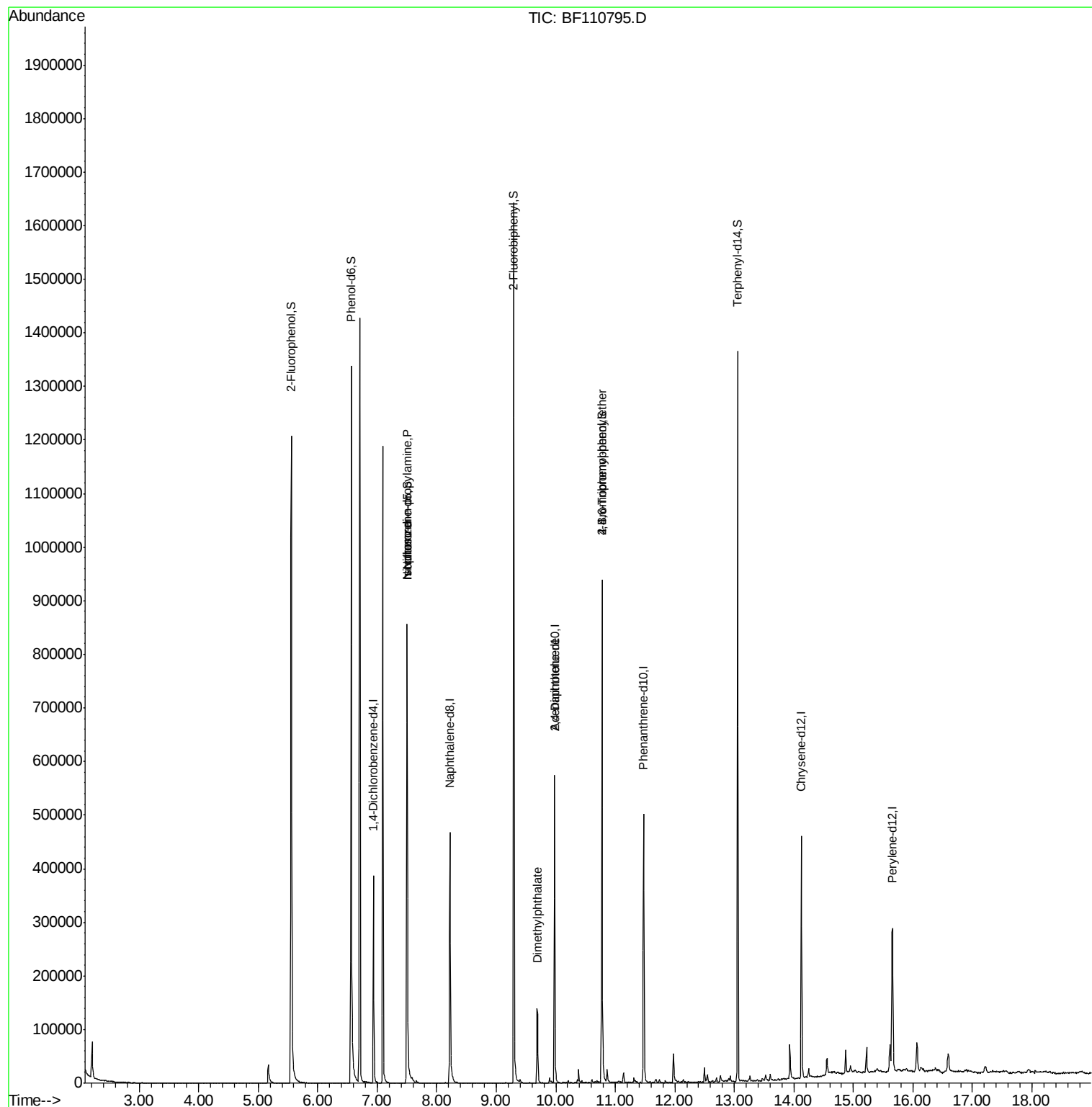
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60252	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	243970	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	113566	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	200672	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	155283	20.00	ng	-0.01
87) Perylene-d12	15.66	264	143447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	369225	99.54	ng	0.00
7) Phenol-d6	6.56	99	472218	99.55	ng	-0.01
23) Nitrobenzene-d5	7.50	82	291331	68.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	112343	98.17	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	518937	65.26	ng	-0.01
79) Terphenyl-d14	13.06	244	433255	52.25	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	629	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.50	70	39189	12.943 ng	#	1
25) Isophorone	7.50	82	291330	41.958 ng	#	77
50) Dimethylphthalate	9.69	163	71022	8.381 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	13963	5.761 ng	#	99
67) 4-Bromophenyl-phenylether	10.77	248	7091	3.197 ng	#	19
					#	1

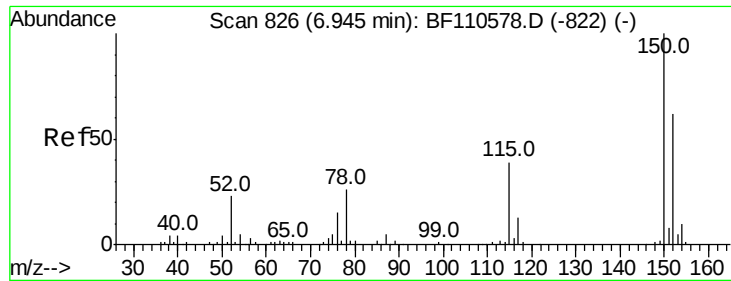
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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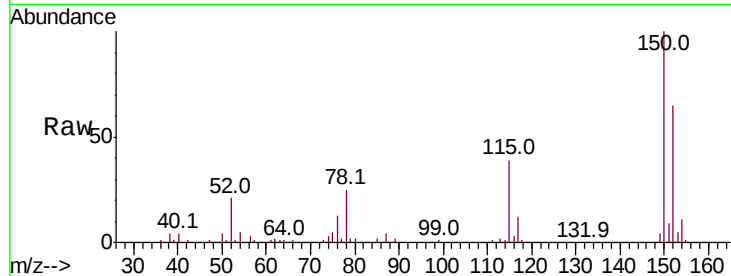


#1

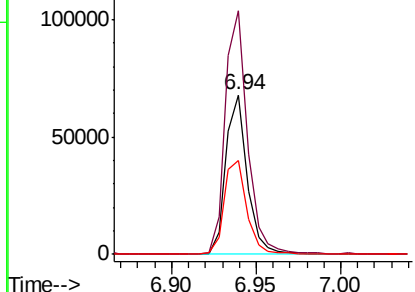
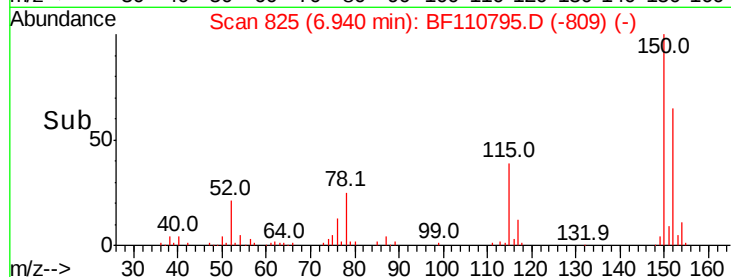
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110795.D
Acq: 15 Nov 2018 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 60252
Ion Ratio Lower Upper
152 100
150 152.9 122.7 184.1
115 59.0 49.1 73.7



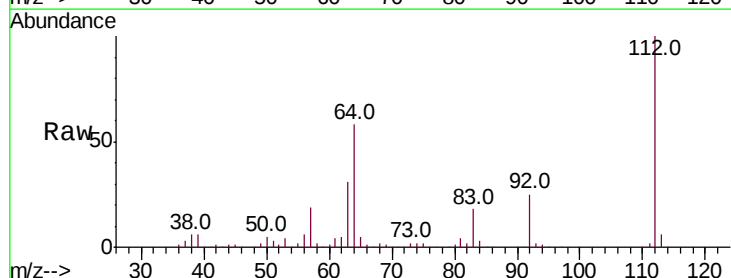
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



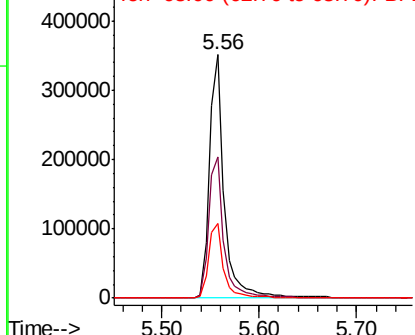
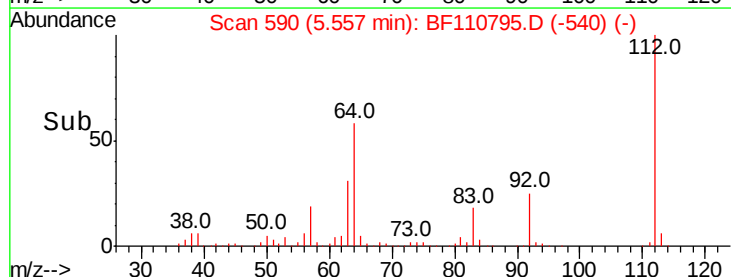
#5

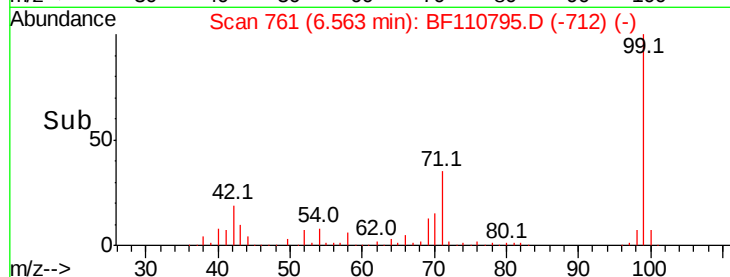
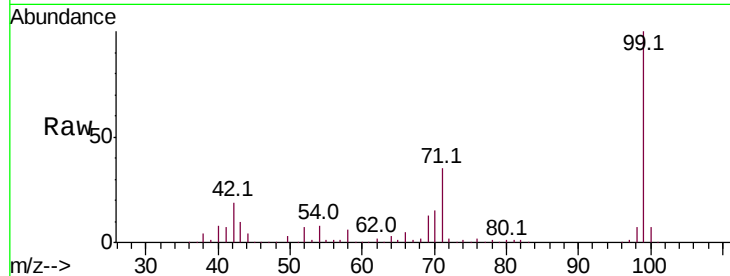
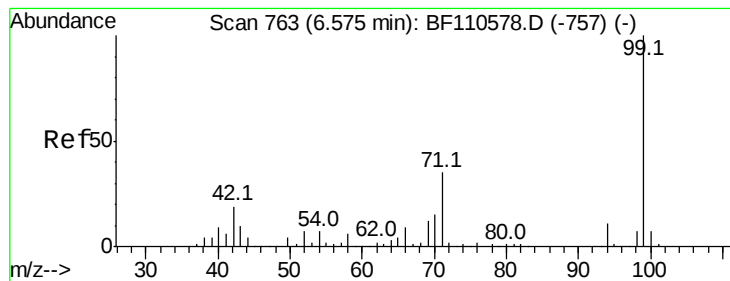
2-Fluorophenol
Concen: 99.538 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110795.D
Acq: 15 Nov 2018 18:22

Tgt Ion:112 Resp: 369225
Ion Ratio Lower Upper
112 100
64 58.0 44.1 66.1
63 30.8 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: 99.553 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110795.D

Acq: 15 Nov 2018 18:22

Instrument :

BNA_F

ClientSampleId :

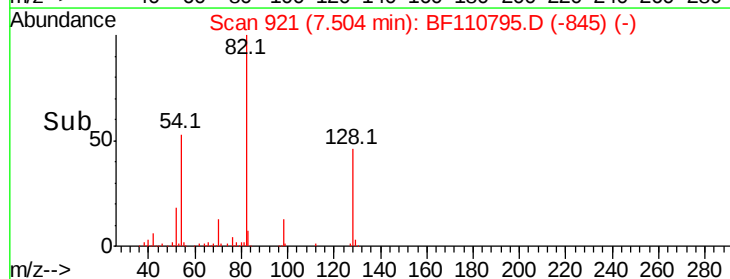
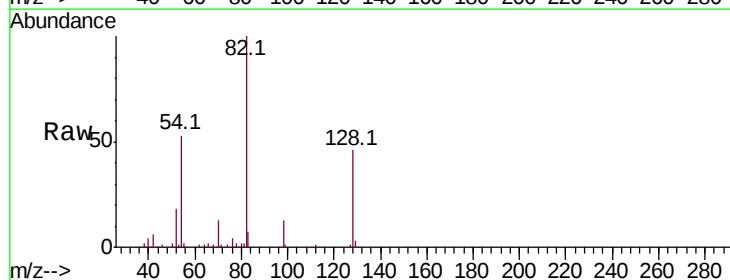
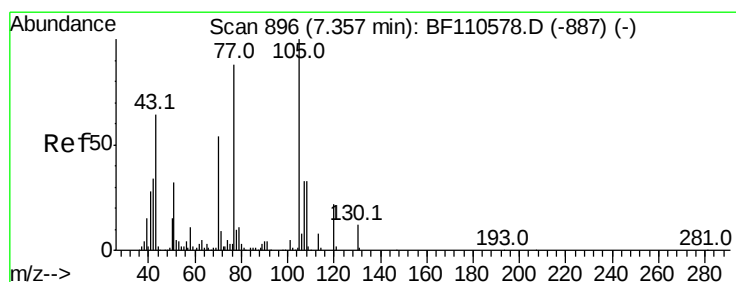
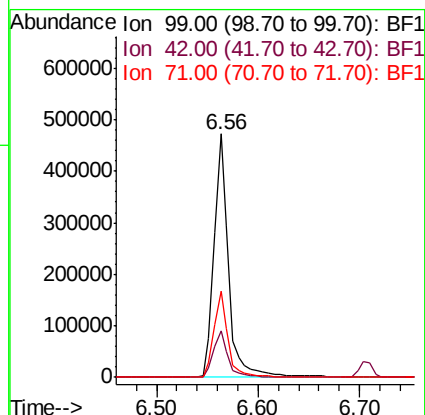
Tot Ion: 99 Resp: 472218

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

71 35.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.943 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110795.D

Acq: 15 Nov 2018 18:22

Tgt Ion: 70 Resp: 39189

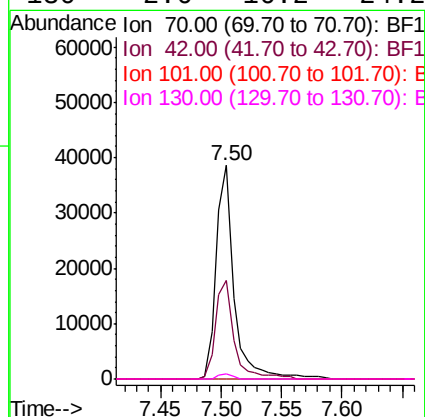
Ion Ratio Lower Upper

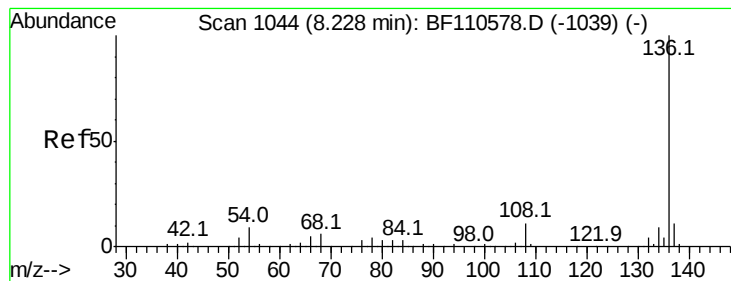
70 100

42 46.5 47.4 71.2#

101 0.0 7.3 10.9#

130 2.6 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110795.D

Acq: 15 Nov 2018 18:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 243970

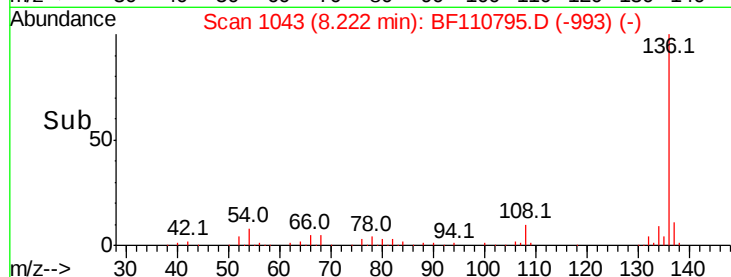
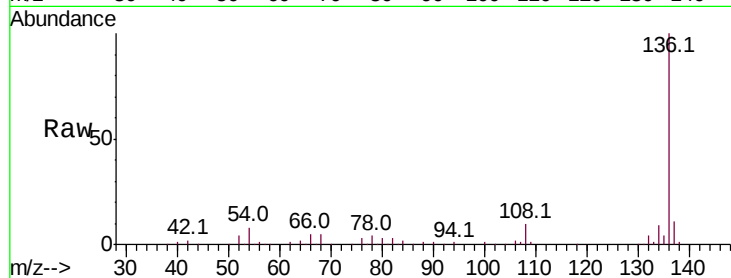
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.2 5.4 8.2#

68 4.8 4.2 6.2

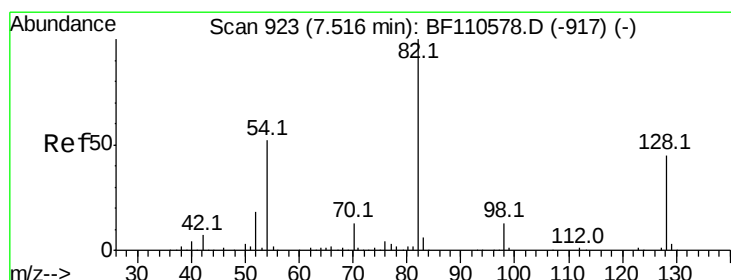
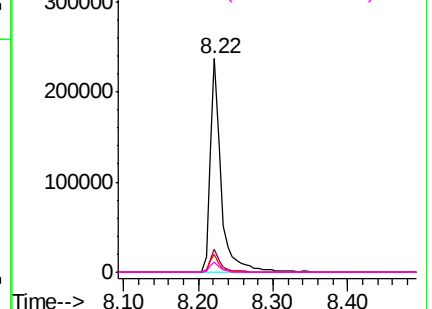


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.769 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110795.D

Acq: 15 Nov 2018 18:22

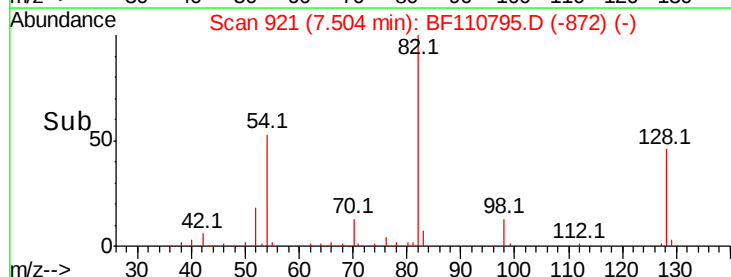
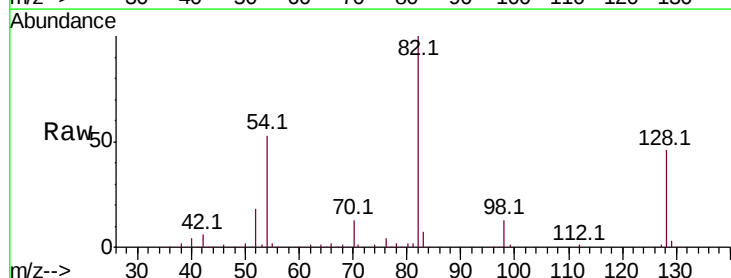
Tgt Ion: 82 Resp: 291331

Ion Ratio Lower Upper

82 100

128 46.1 34.2 51.2

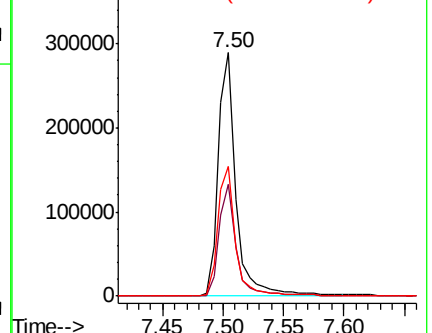
54 53.0 38.6 58.0

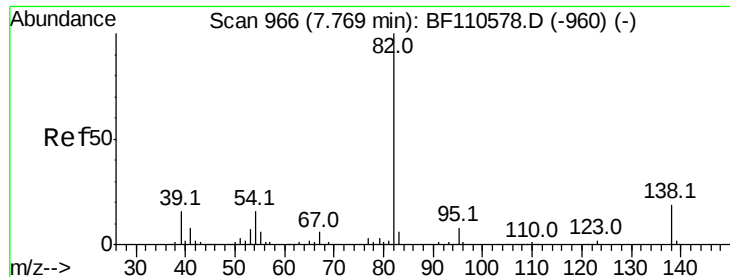


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.958 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110795.D

Acq: 15 Nov 2018 18:22

Instrument :

BNA_F

ClientSampleId :

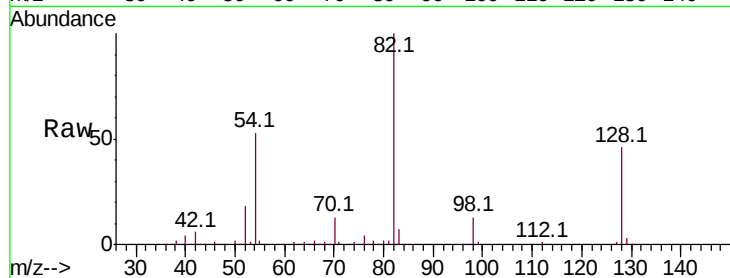
Tot Ion: 82 Resp: 291330

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

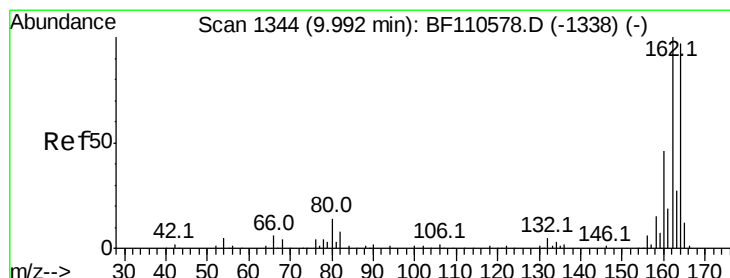
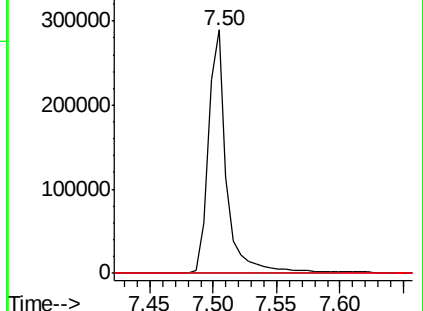
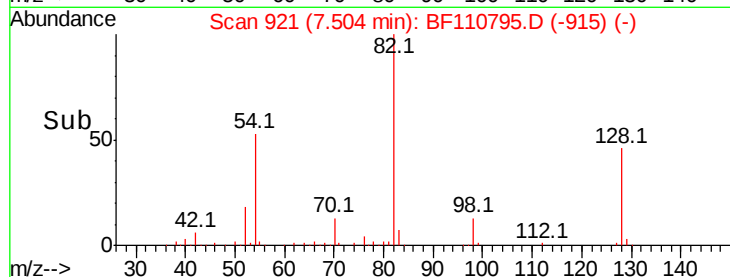
138 0.0 13.2 19.8#



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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110795.D

Acq: 15 Nov 2018 18:22

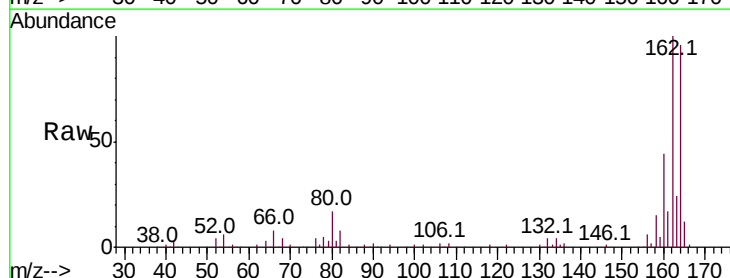
Tgt Ion:164 Resp: 113566

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.6

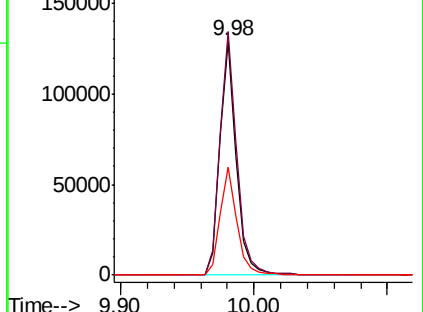
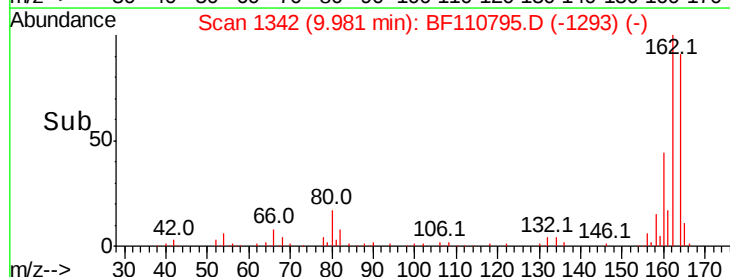
160 45.9 37.0 55.6

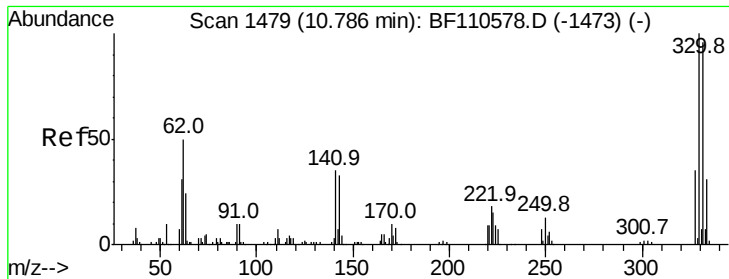


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

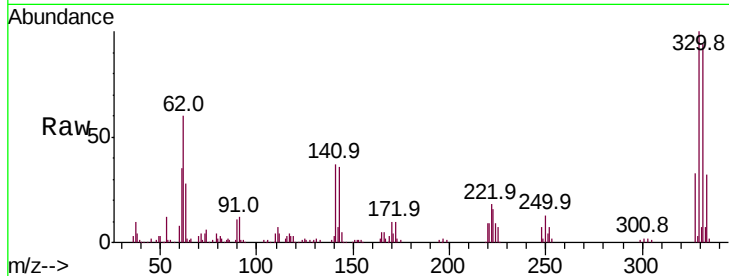




#42
 2,4,6-Tribromophenol
 Concen: 98.175 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110795.D
 Acq: 15 Nov 2018 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	37.6	27.0	40.4

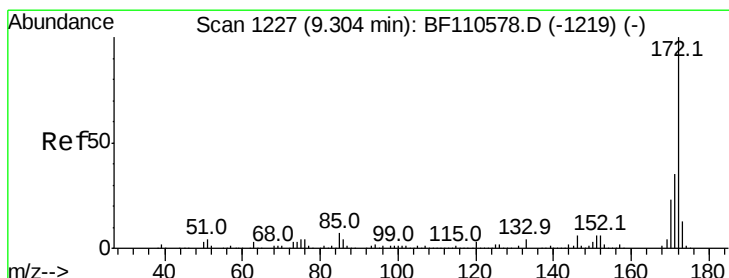
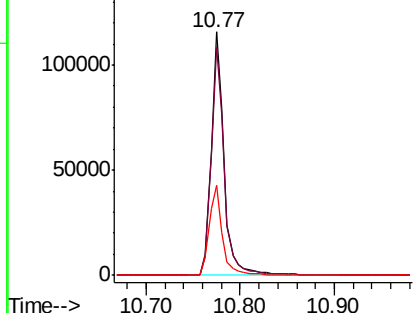
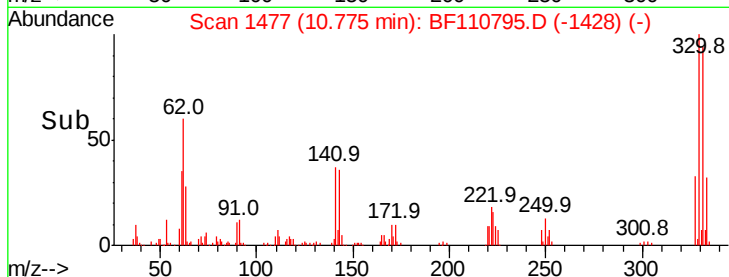


Abundance

Ion 329.80 (329.50 to 330.50): E

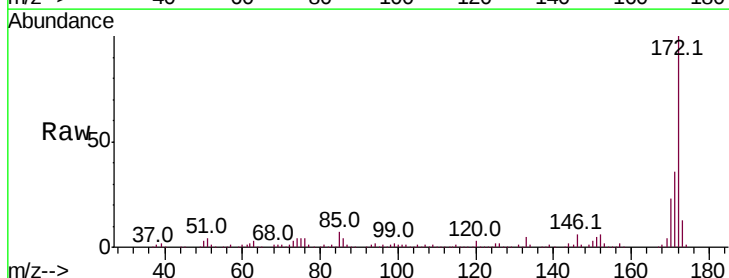
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 65.260 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110795.D
 Acq: 15 Nov 2018 18:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.4	19.7	29.5

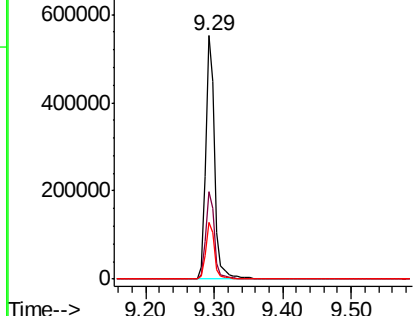
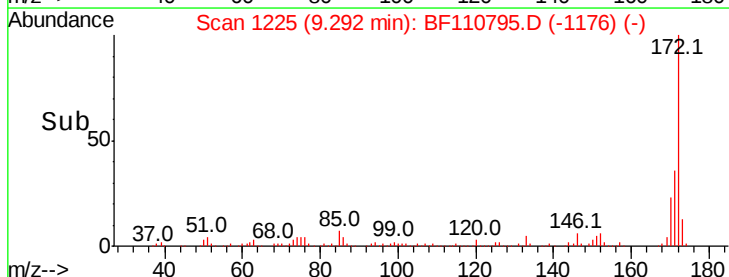


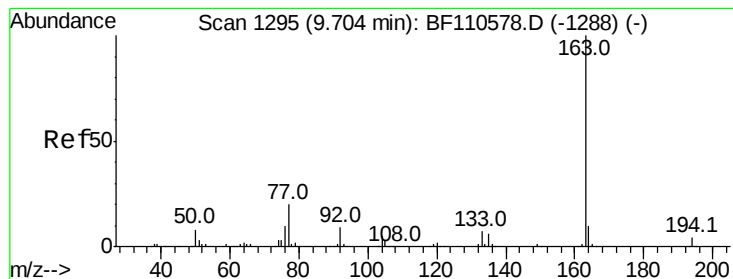
Abundance

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: 8.381 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF110795.D

Acq: 15 Nov 2018 18:22

Instrument :

BNA_F

ClientSampleId :

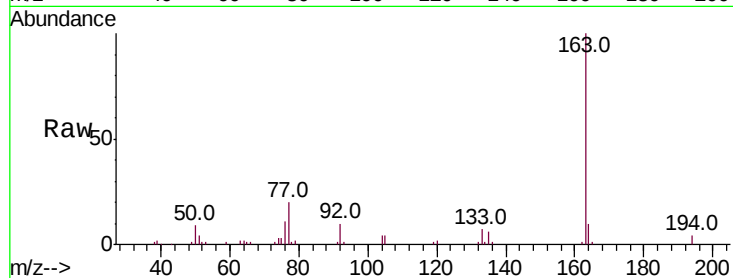
Tot Ion:163 Resp: 71022

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

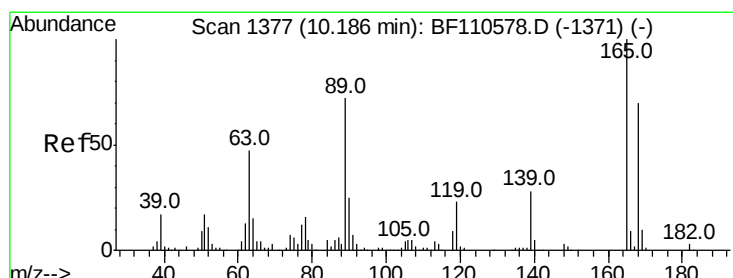
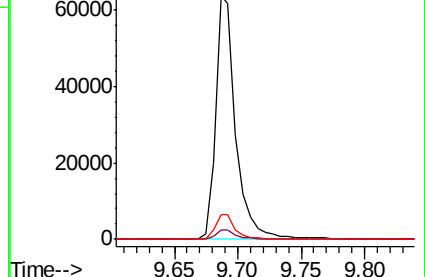
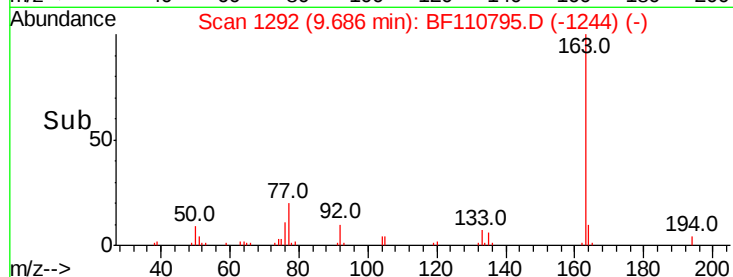
164 10.2 8.1 12.1



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: 5.761 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.21 min

Lab File: BF110795.D

Acq: 15 Nov 2018 18:22

Tgt Ion:165 Resp: 13963

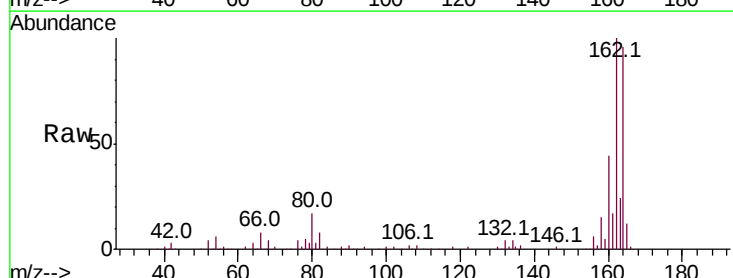
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.9 62.2 93.4#

182 0.0 2.1 3.1#

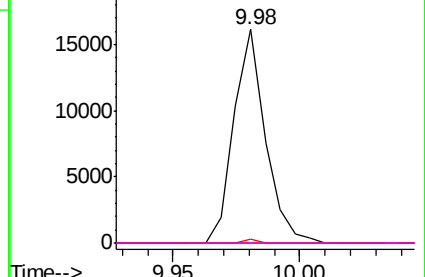
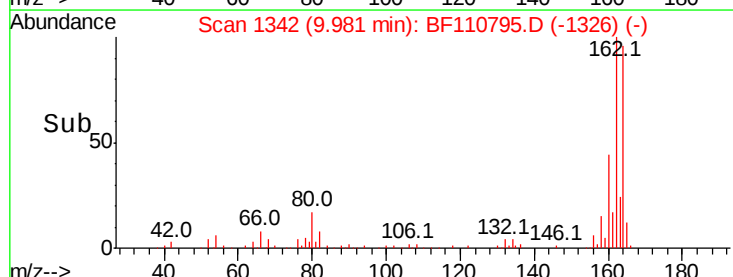


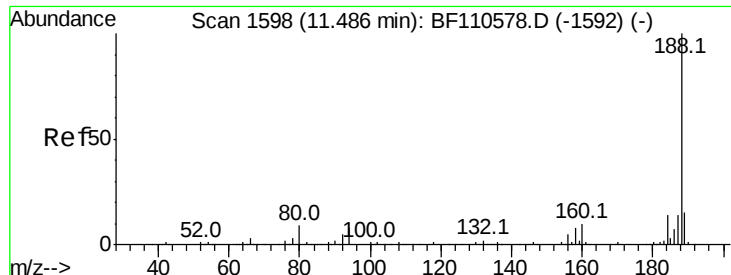
Abundance Ion 165.00 (164.70 to 165.70): E

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

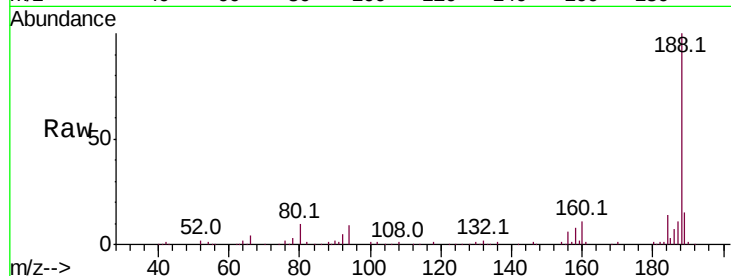




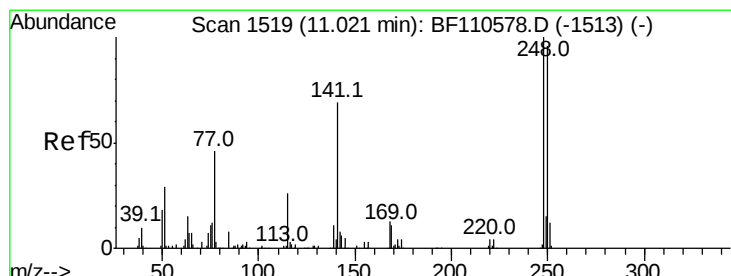
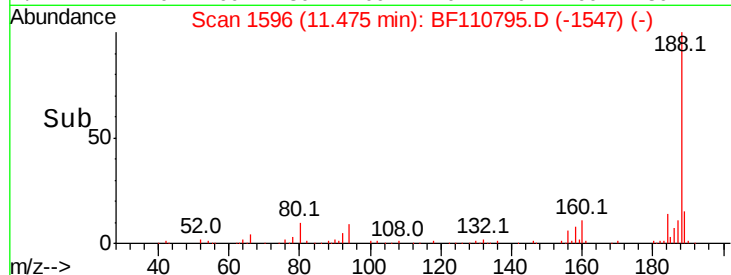
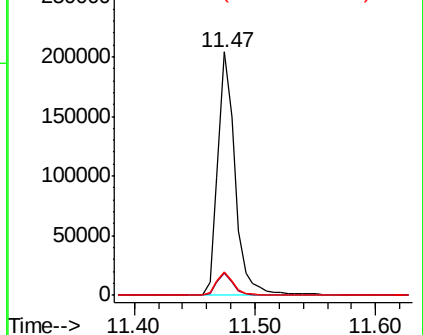
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110795.D
Acq: 15 Nov 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 200672
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.9 7.9 11.9

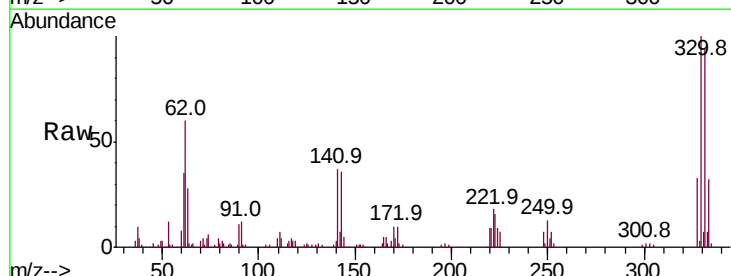


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

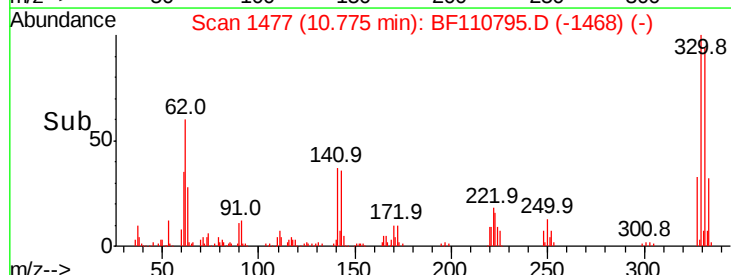
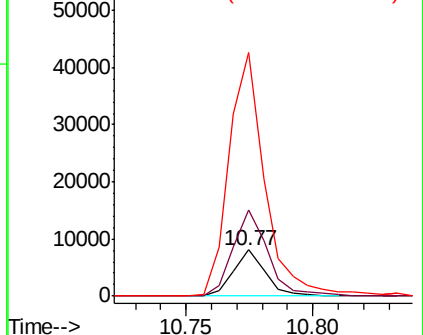


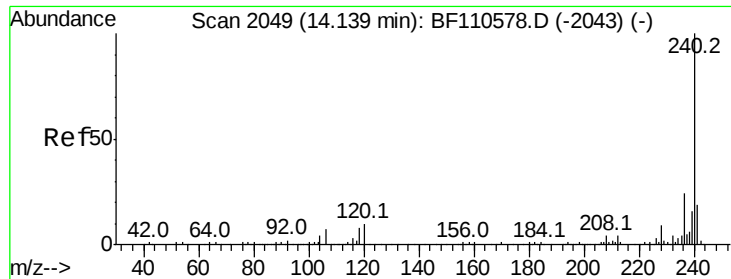
#67
4-Bromophenyl-phenylether
Concen: 3.197 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110795.D
Acq: 15 Nov 2018 18:22

Tgt Ion:248 Resp: 7091
Ion Ratio Lower Upper
248 100
250 186.6 79.4 119.2#
141 530.3 55.9 83.9#



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

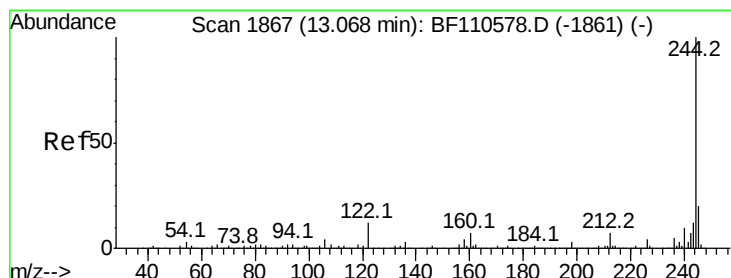
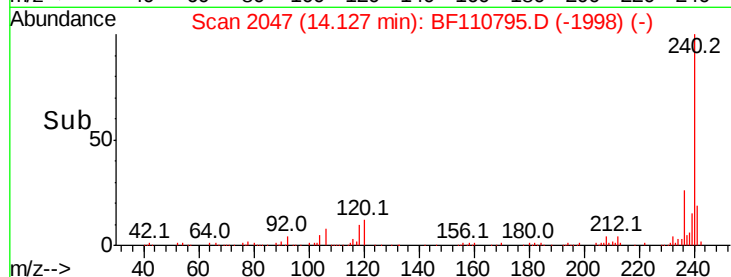
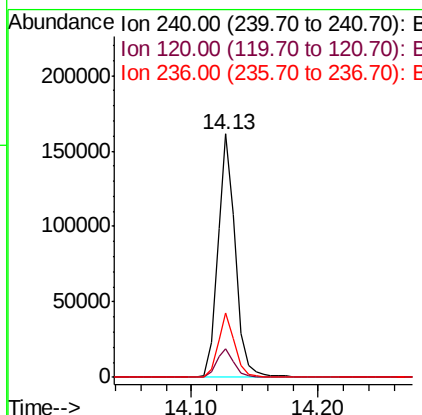
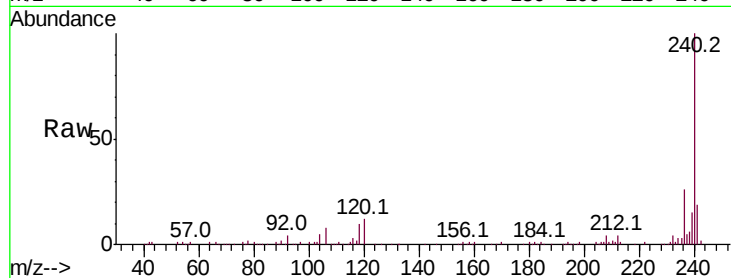




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110795.D
 Acq: 15 Nov 2018 18:22

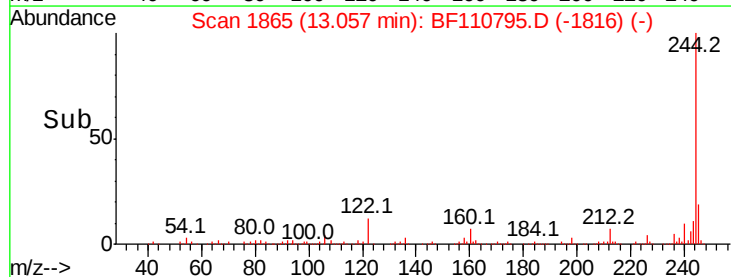
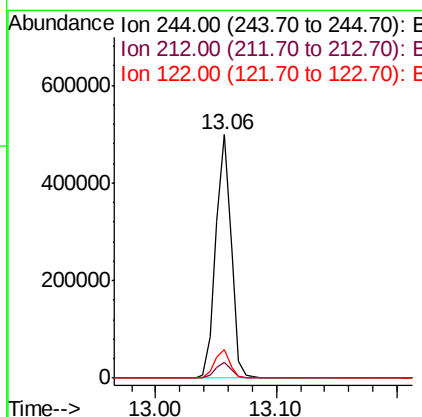
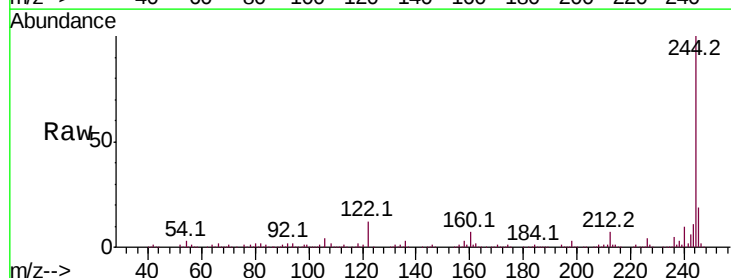
Instrument :
 BNA_F
 ClientSampleId :

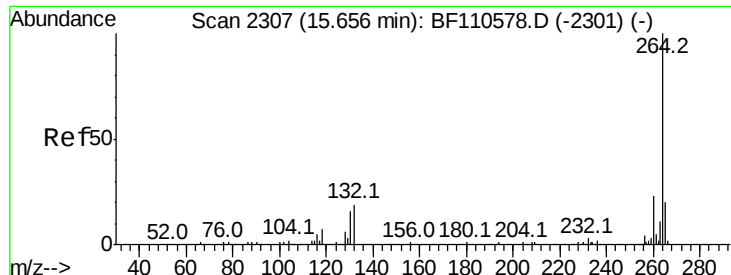
Tot Ion:240 Resp: 155283
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 26.4 21.2 31.8



#79
 Terphenyl-d14
 Concen: 52.252 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110795.D
 Acq: 15 Nov 2018 18:22

Tgt Ion:244 Resp: 433255
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 11.6 8.7 13.1

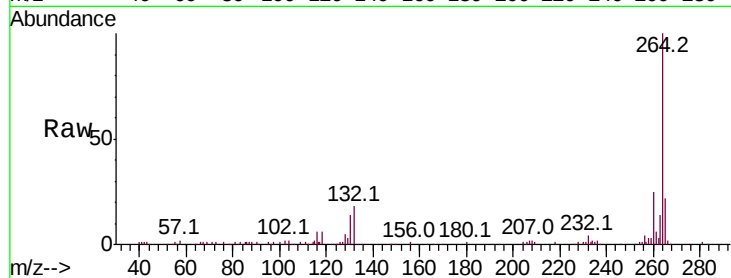




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110795.D
Acq: 15 Nov 2018 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	21.9	16.7	25.1



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

