

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110803.D
 Acq On : 15 Nov 2018 22:02
 Operator : JU/SJ
 Sample : J5950-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 04:30:00 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

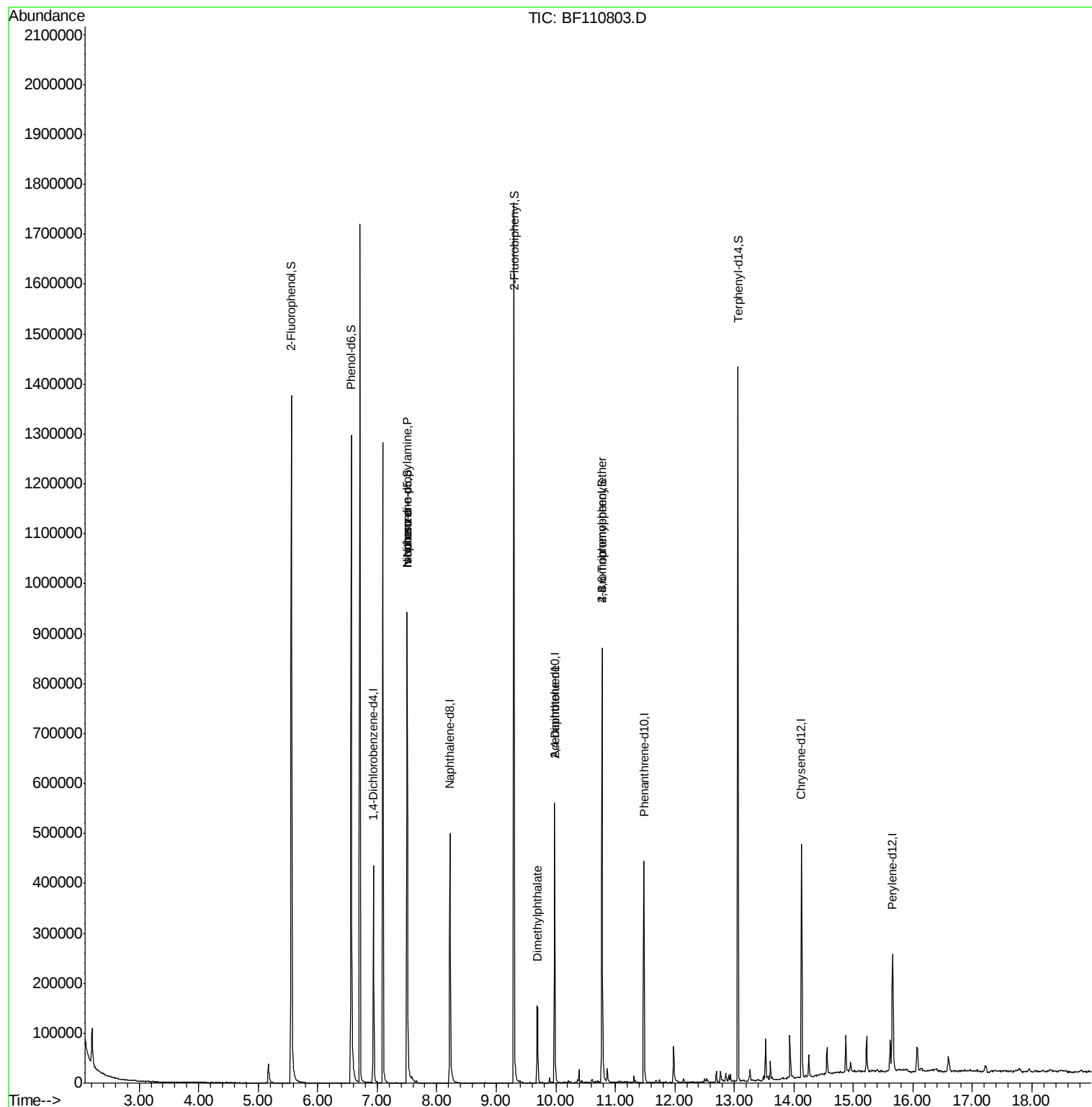
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	63300	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	257149	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	113272	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	191638	20.00	ng	0.00
76) Chrysene-d12	14.13	240	169810	20.00	ng	-0.01
87) Perylene-d12	15.66	264	126234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	403896	103.64	ng	0.00
7) Phenol-d6	6.57	99	503665	101.07	ng	0.00
23) Nitrobenzene-d5	7.50	82	314084	70.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	106904	93.66	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	583440	73.56	ng	0.00
79) Terphenyl-d14	13.06	244	496755	54.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	540	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.50	70	40774	12.818 ng	#	1
25) Isophorone	7.50	82	314083	42.916 ng	#	80
50) Dimethylphthalate	9.69	163	78093	9.240 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	14147	5.852 ng	#	98
67) 4-Bromophenyl-phenylether	10.77	248	6840	3.229 ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	6840	3.229 ng	#	1

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

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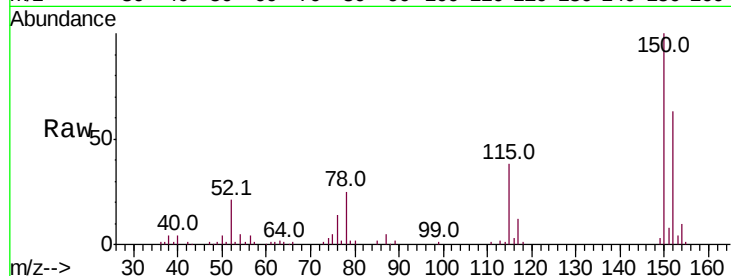


#1

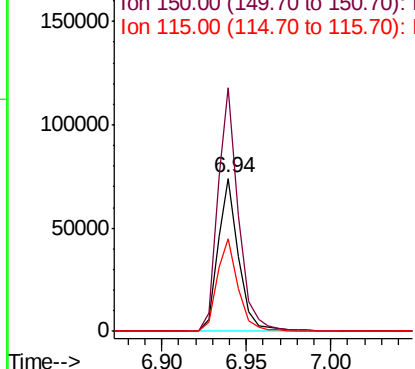
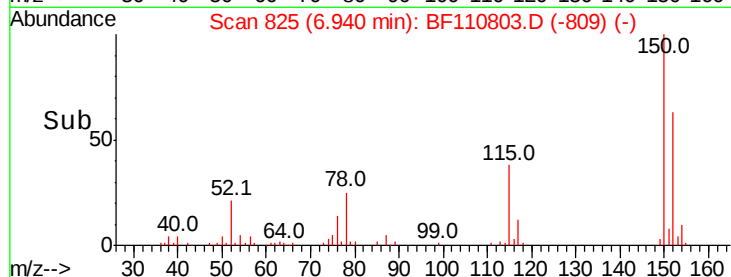
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63300
Ion Ratio Lower Upper
152 100
150 159.4 122.7 184.1
115 60.8 49.1 73.7



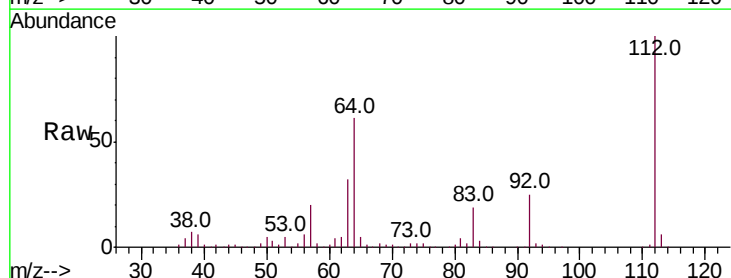
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



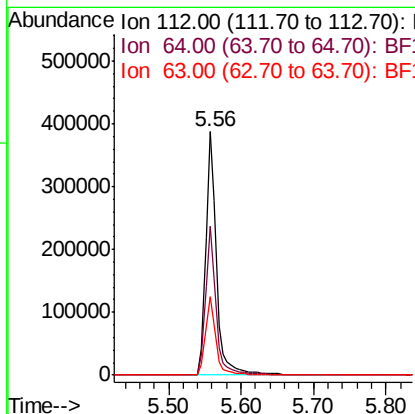
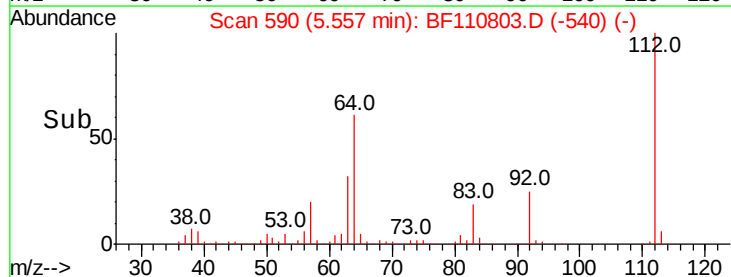
#5

2-Fluorophenol
Concen: 103.642 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

Tgt Ion:112 Resp: 403896
Ion Ratio Lower Upper
112 100
64 61.2 44.1 66.1
63 32.1 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: 101.069 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110803.D

Acq: 15 Nov 2018 22:02

Instrument :

BNA_F

ClientSampleId :

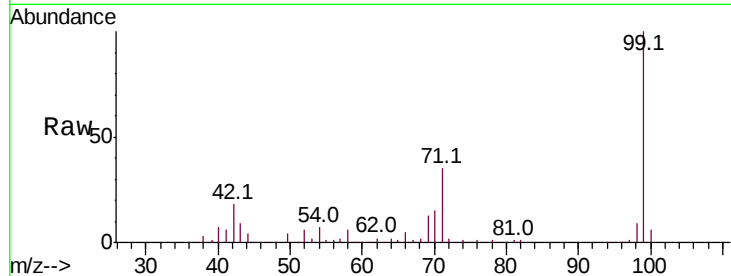
Tot Ion: 99 Resp: 503665

Ion Ratio Lower Upper

99 100

42 17.7 15.8 23.6

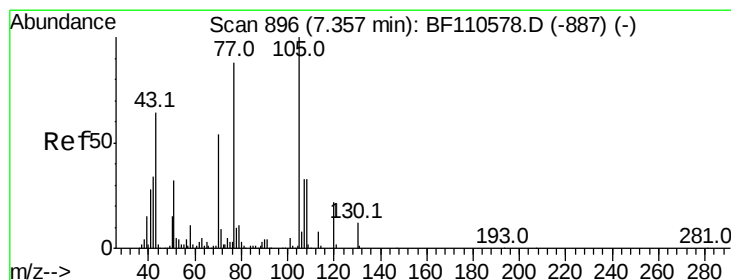
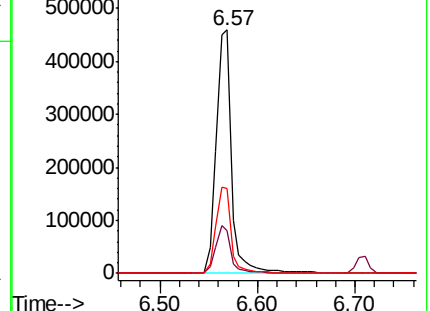
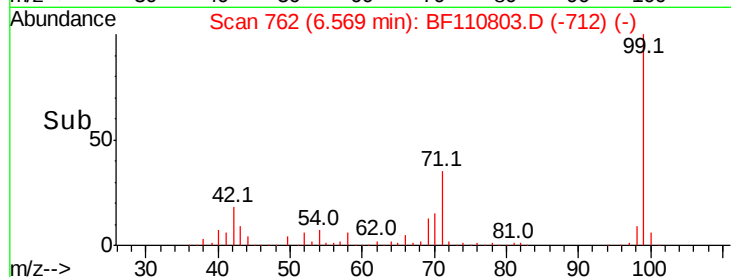
71 34.6 28.0 42.0



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: 12.818 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110803.D

Acq: 15 Nov 2018 22:02

Tgt Ion: 70 Resp: 40774

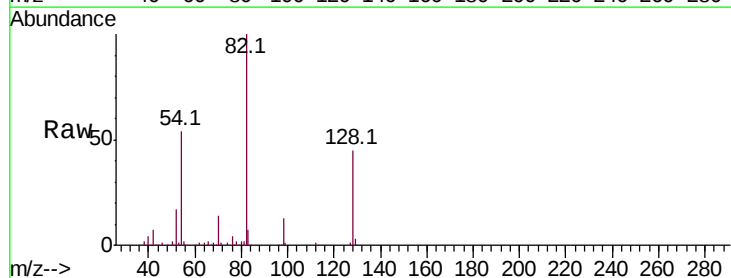
Ion Ratio Lower Upper

70 100

42 49.7 47.4 71.2

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

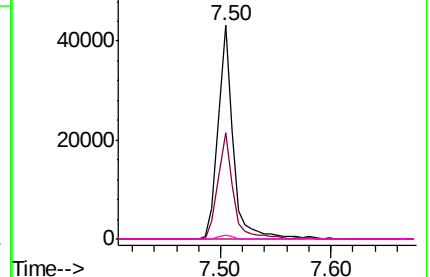
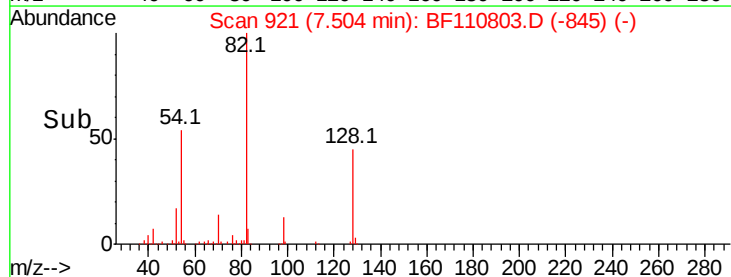


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

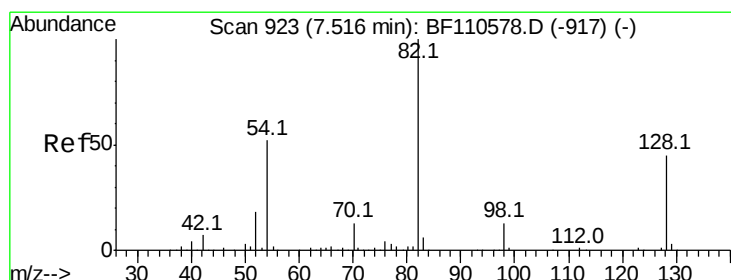
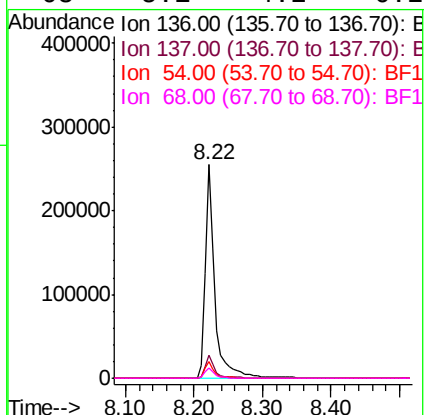
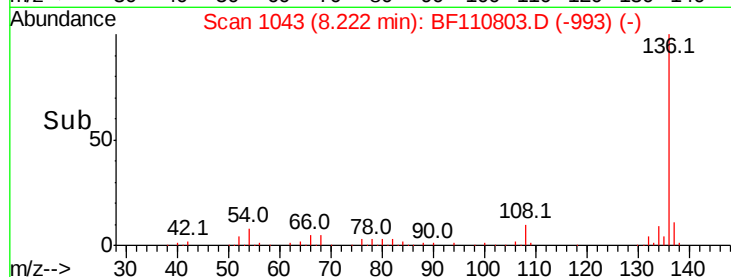
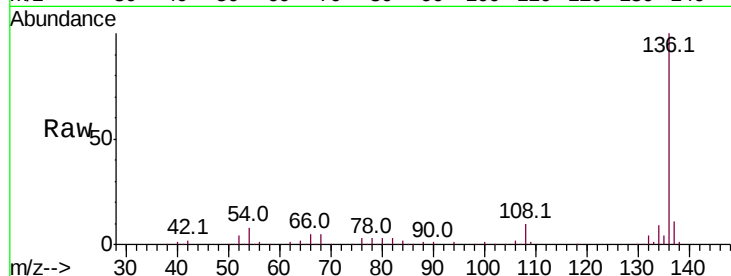




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

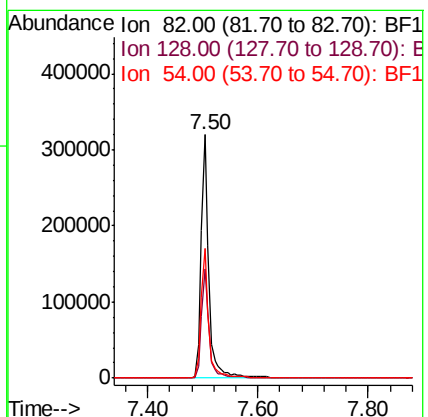
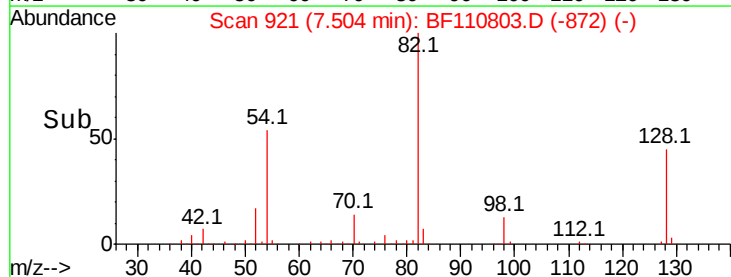
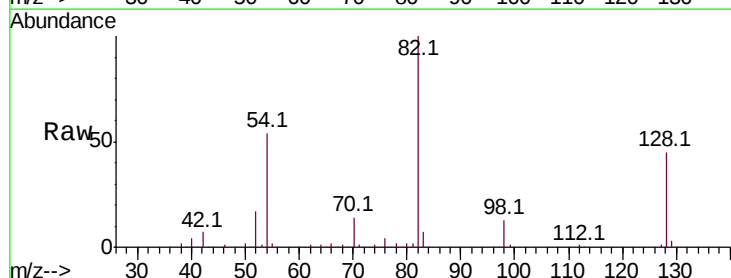
Instrument :
BNA_F
ClientSampleId :

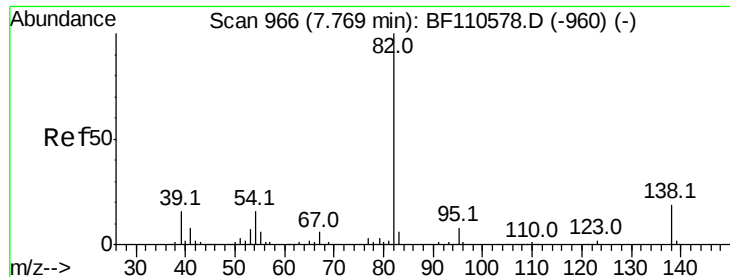
Tot Ion:	136	Resp:	257149
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	5.4	8.2
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 70.340 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

Tgt Ion:	82	Resp:	314084
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	53.5	38.6	58.0





#25

Isophorone

Concen: 42.916 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110803.D

Acq: 15 Nov 2018 22:02

Instrument :

BNA_F

ClientSampleId :

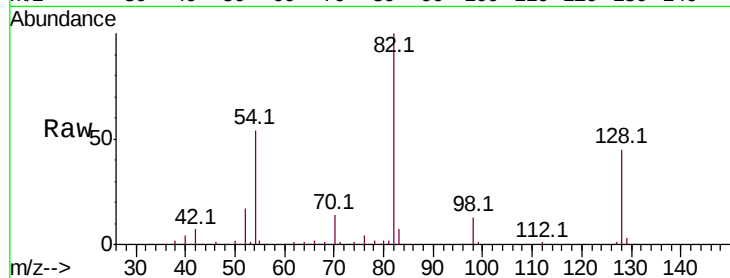
Tot Ion: 82 Resp: 314083

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

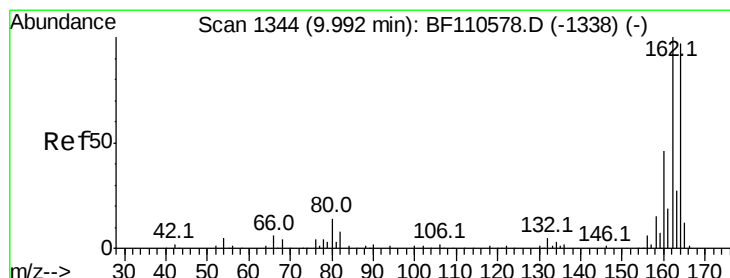
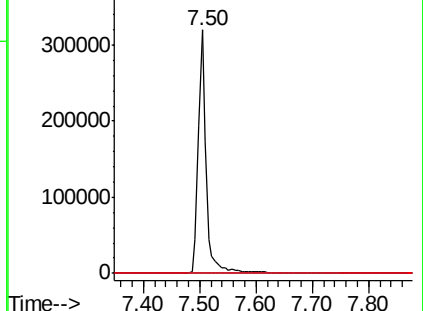
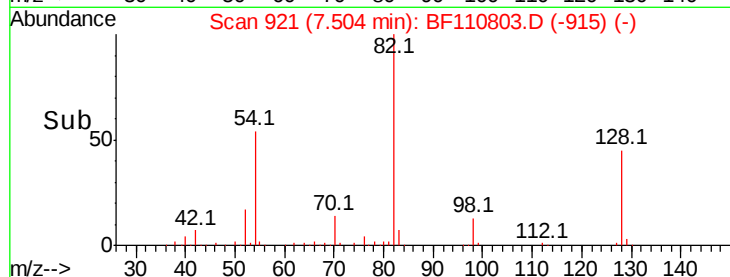
138 0.0 13.2 19.8#



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: BF110803.D

Acq: 15 Nov 2018 22:02

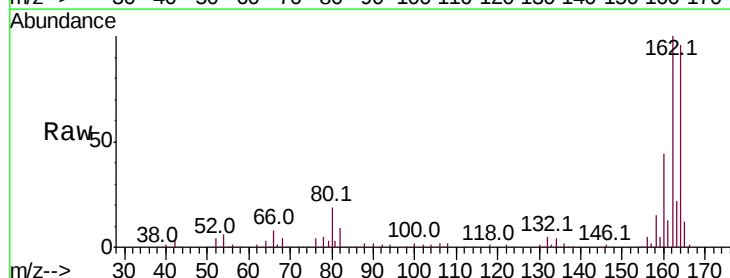
Tgt Ion:164 Resp: 113272

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

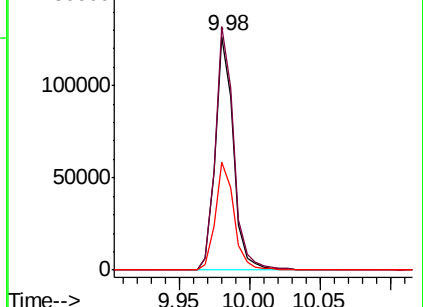
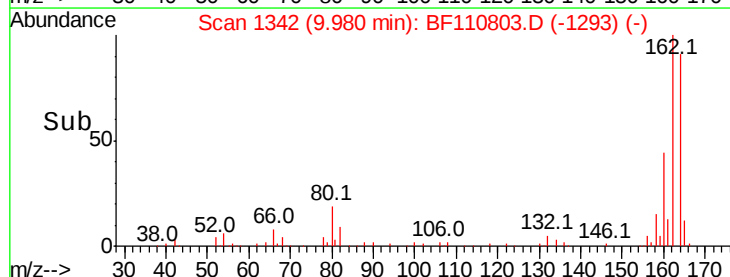
160 46.0 37.0 55.6

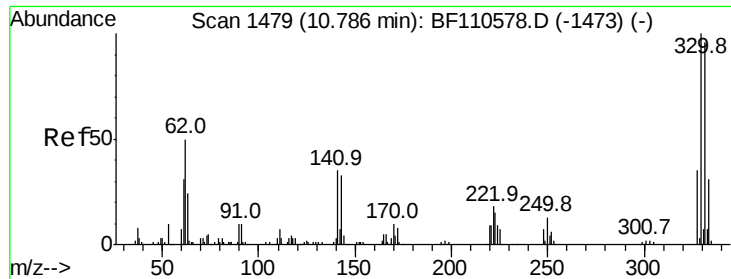


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

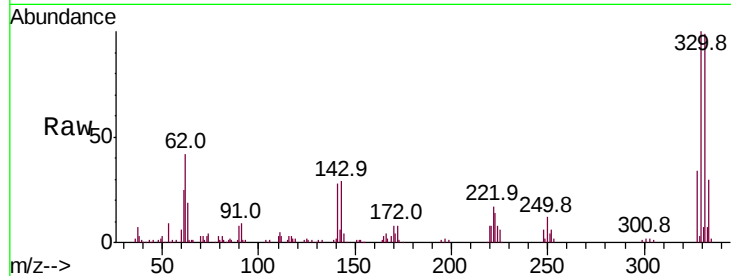




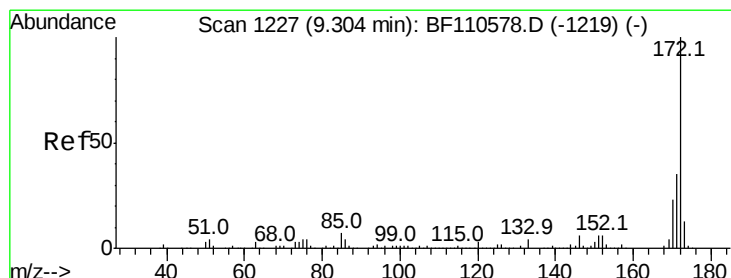
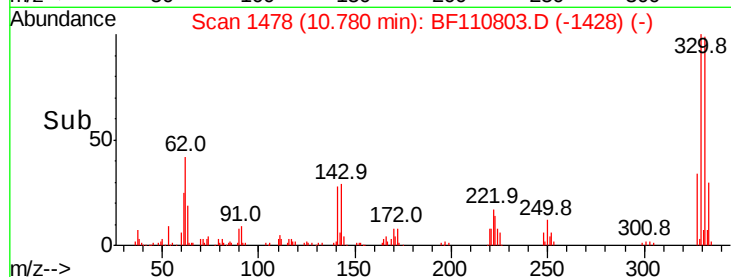
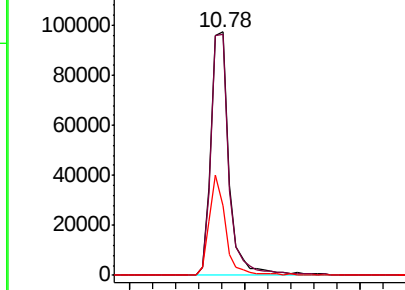
#42
 2,4,6-Tribromophenol
 Concen: 93.664 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110803.D
 Acq: 15 Nov 2018 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	36.9	27.0	40.4

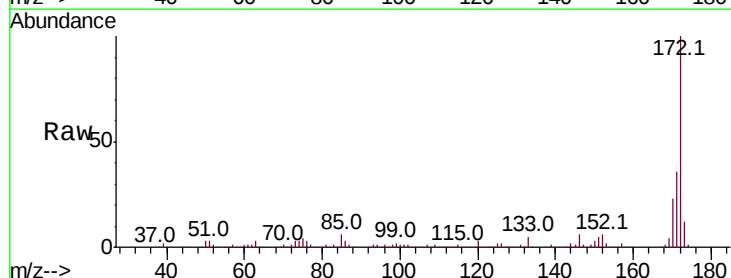


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

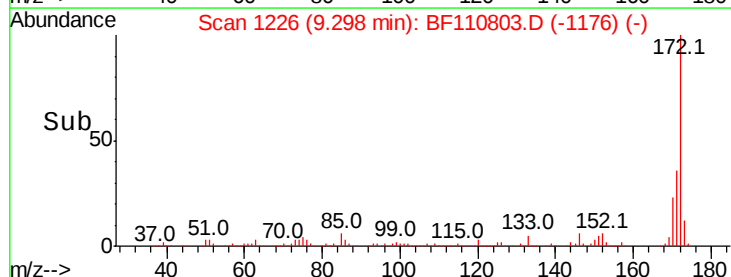
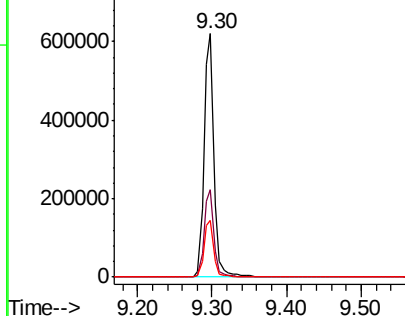


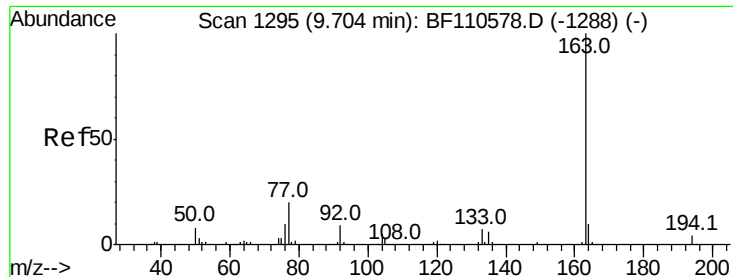
#45
 2-Fluorobiphenyl
 Concen: 73.563 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110803.D
 Acq: 15 Nov 2018 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.3	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

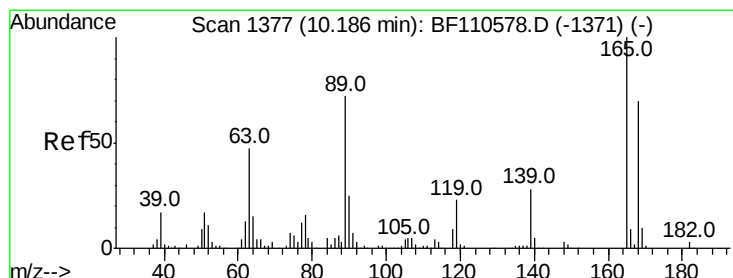
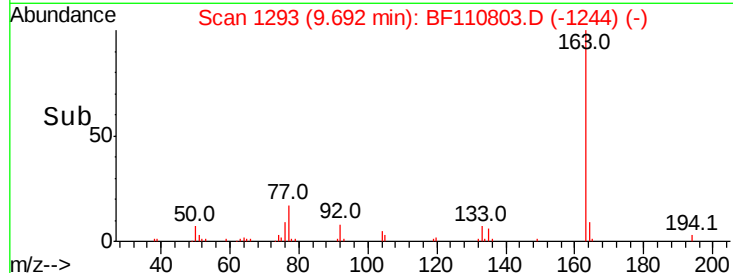
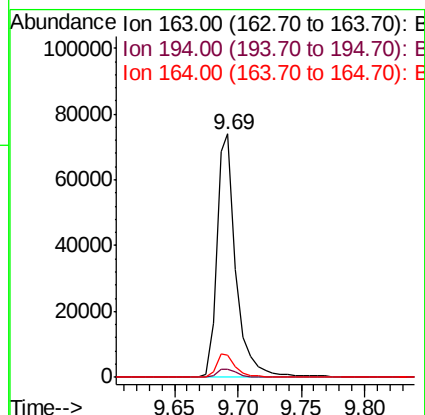
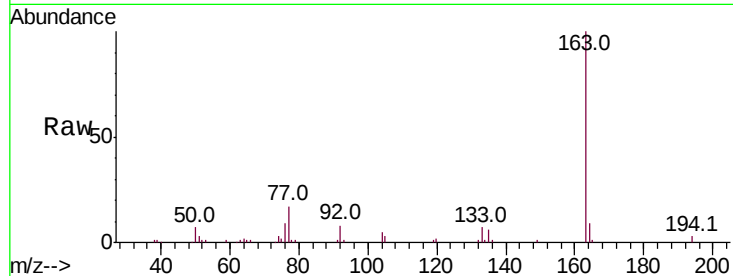




#50
Dimethylphthalate
Concen: 9.240 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

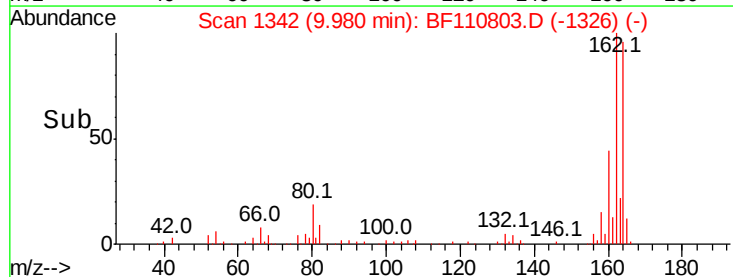
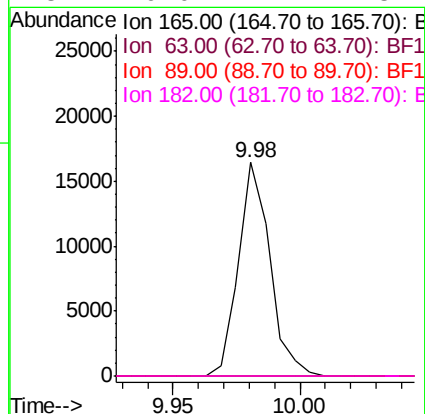
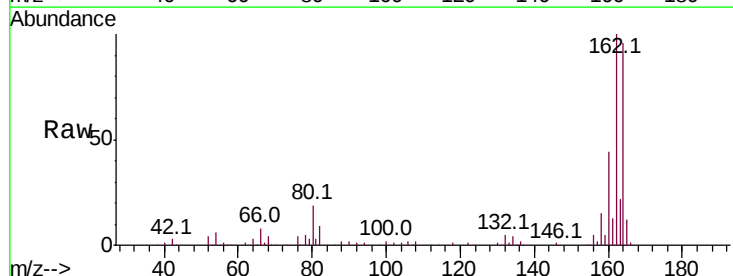
Instrument :
BNA_F
ClientSampleId :

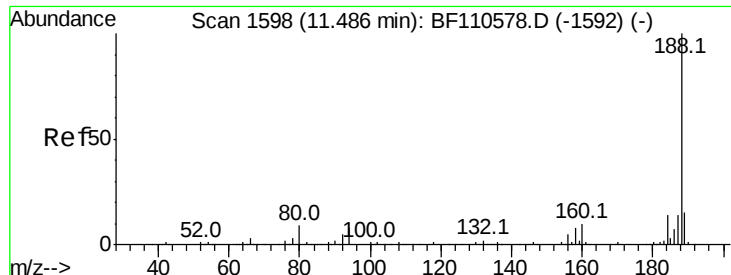
Tot Ion:163 Resp: 78093
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.2 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 5.852 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

Tgt Ion:165 Resp: 14147
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#

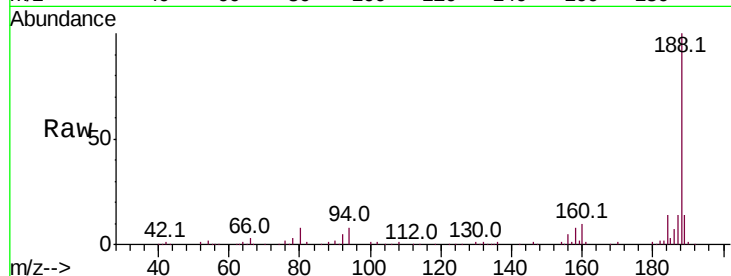




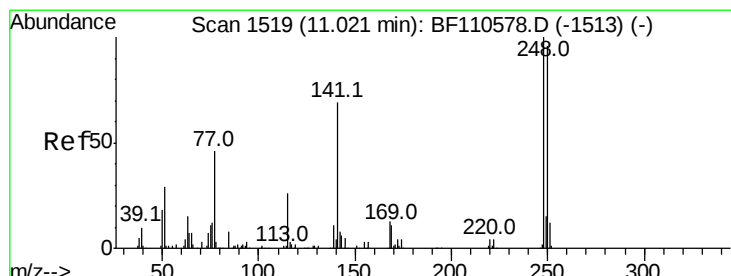
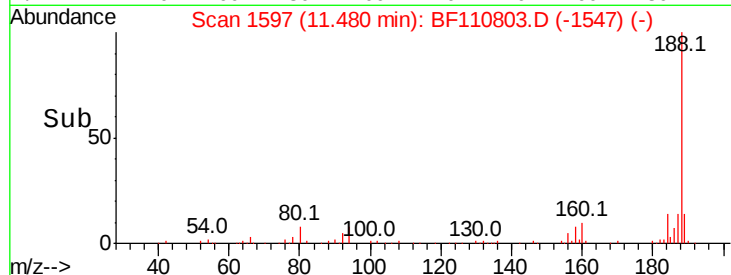
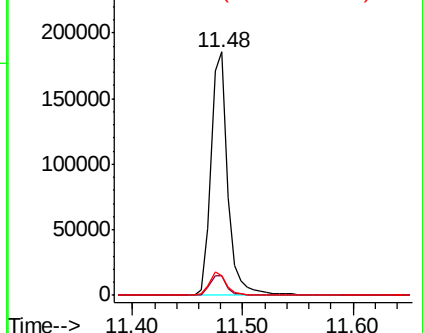
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	8.2	7.9	11.9

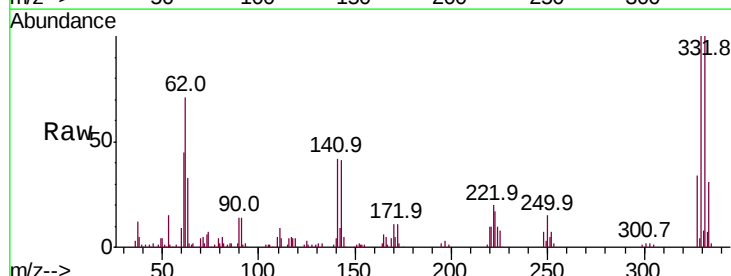


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

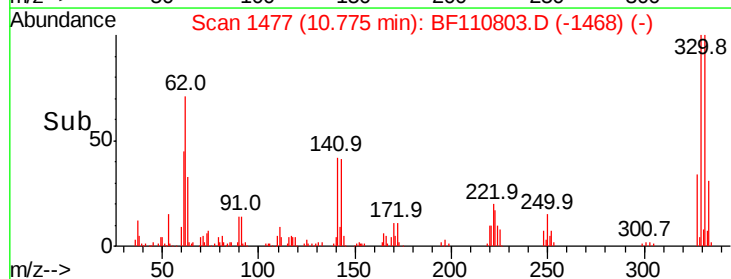
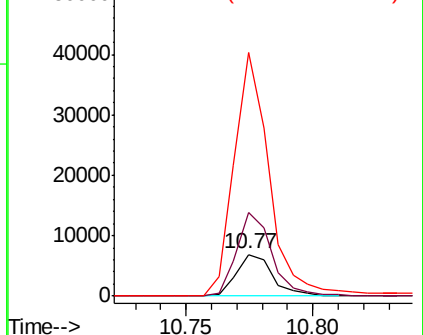


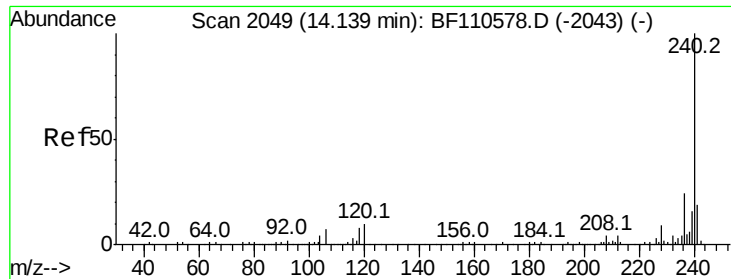
#67
4-Bromophenyl-phenylether
Concen: 3.229 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.0	79.4	119.2#
141	582.3	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

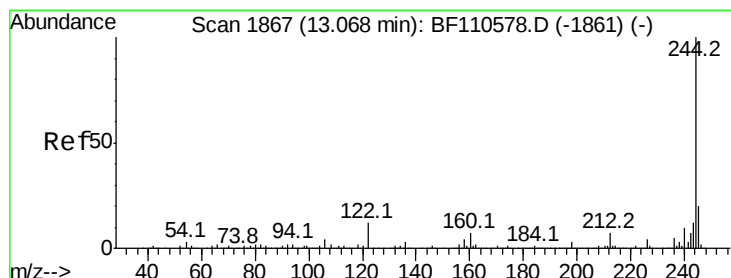
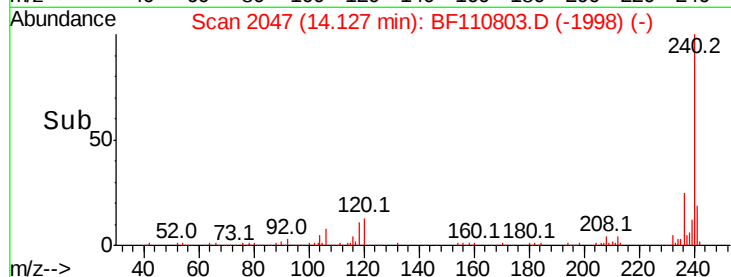
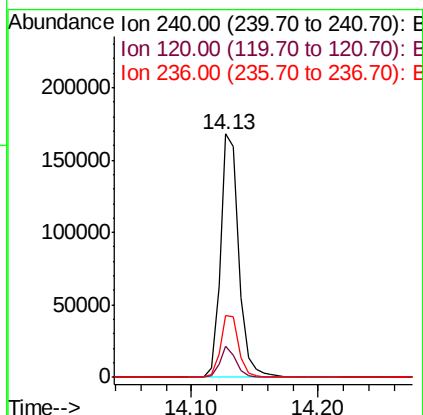
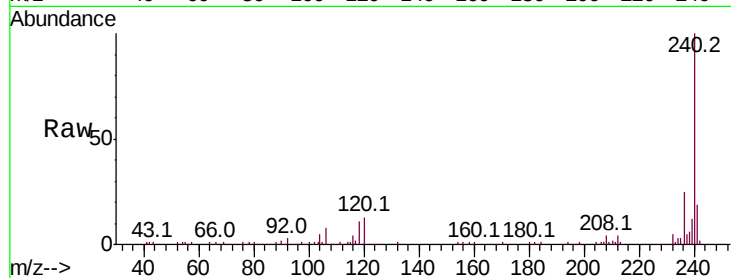




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

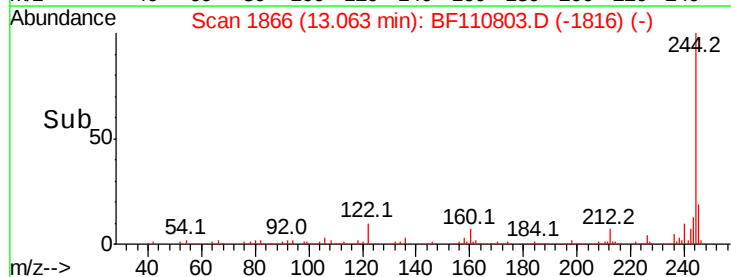
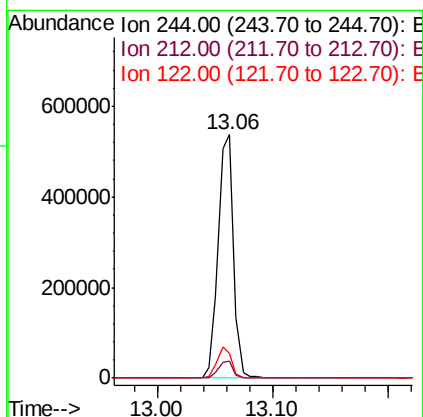
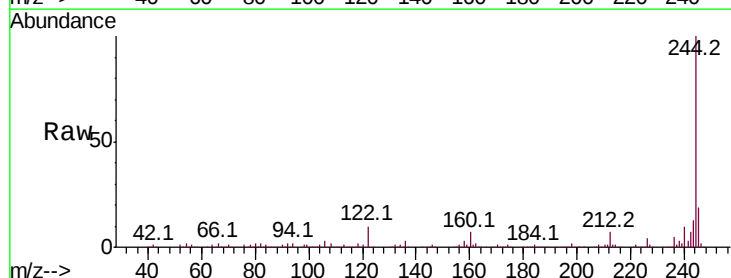
Instrument :
BNA_F
ClientSampleId :

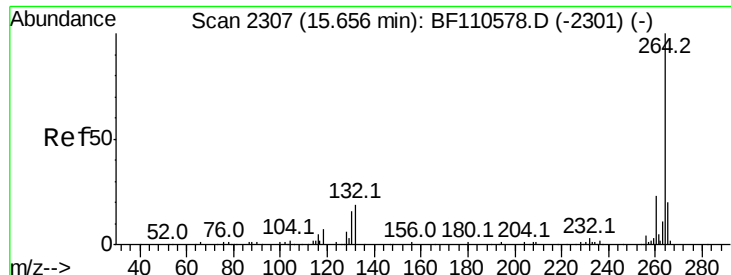
Tot Ion:240 Resp: 169810
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 25.2 21.2 31.8



#79
Terphenyl-d14
Concen: 54.785 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110803.D
Acq: 15 Nov 2018 22:02

Tgt Ion:244 Resp: 496755
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.0 8.7 13.1

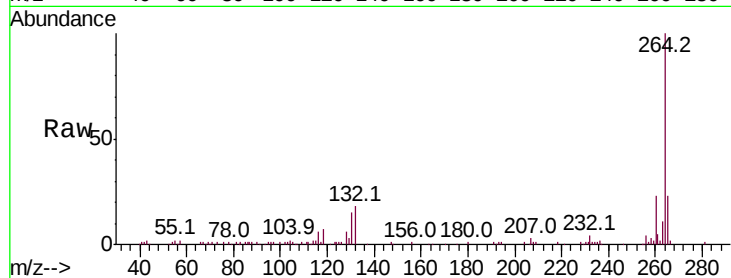




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110803.D
 Acq: 15 Nov 2018 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	23.3	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

