

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110658.D
 Acq On : 10 Nov 2018 5:47
 Operator : JU/SJ
 Sample : J5881-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:27:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

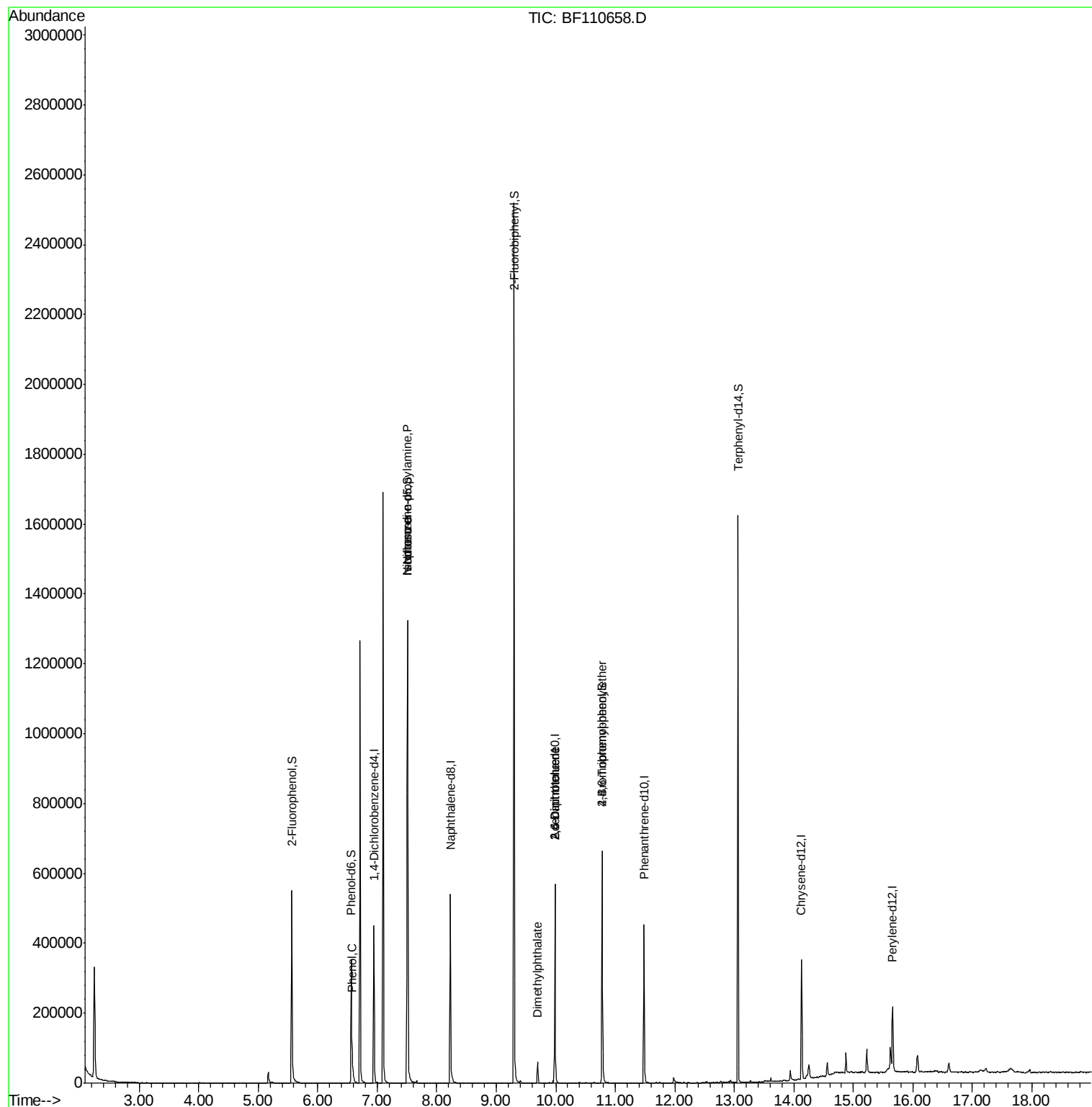
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	64496	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	270366	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	112458	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	178377	20.00	ng	0.00
76) Chrysene-d12	14.13	240	128681	20.00	ng	-0.01
87) Perylene-d12	15.66	264	95066	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	167585	42.21	ng	0.00
7) Phenol-d6	6.56	99	124130	24.45	ng	-0.01
23) Nitrobenzene-d5	7.51	82	444817	94.75	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	85455	75.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	813571	103.32	ng	0.00
79) Terphenyl-d14	13.06	244	504654	73.45	ng	0.00
Target Compounds						
10) Phenol	6.58	94	18501	3.142	ng	# 69
19) n-Nitroso-di-n-propylamine	7.51	70	57876	17.857	ng	# 80
25) Isophorone	7.51	82	444814	57.808	ng	# 67
50) Dimethylphthalate	9.69	163	28275	3.370	ng	# 96
51) 2,6-Dinitrotoluene	9.99	165	13907	7.534	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	13907	5.794	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	5286	2.681	ng	# 1

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

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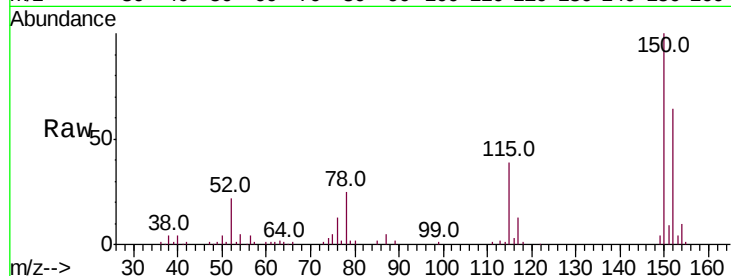


#1

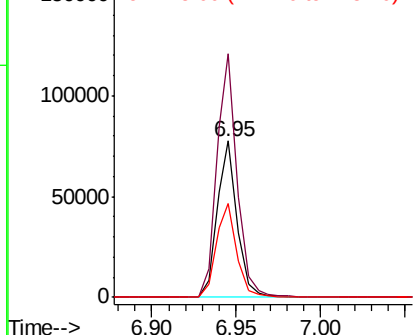
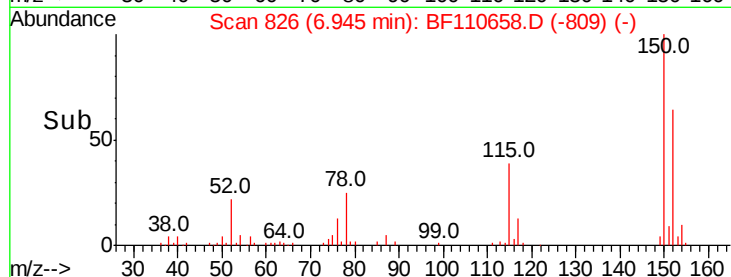
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64496
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 60.2 49.1 73.7



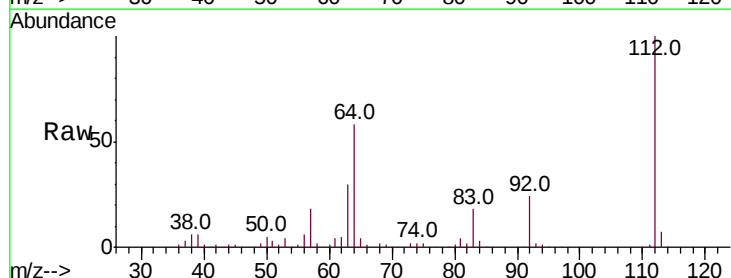
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



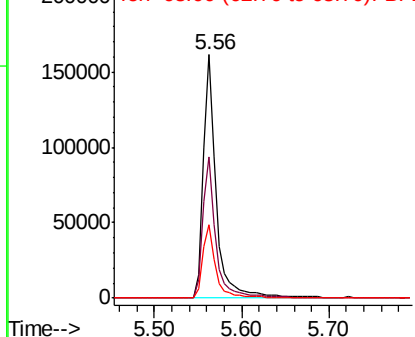
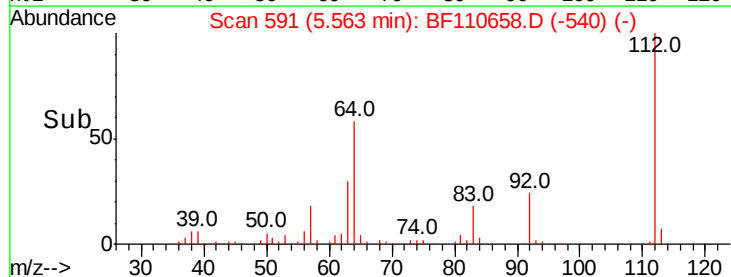
#5

2-Fluorophenol
Concen: 42.206 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion:112 Resp: 167585
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 30.2 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: 24.447 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110658.D

Acq: 10 Nov 2018 5:47

Instrument :

BNA_F

ClientSampleId :

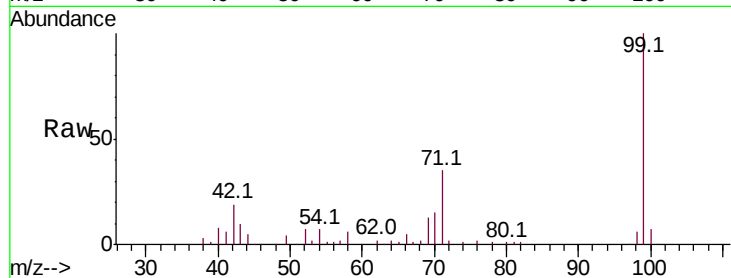
Tot Ion: 99 Resp: 124130

Ion Ratio Lower Upper

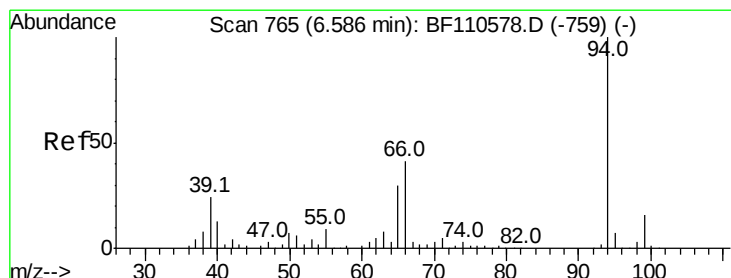
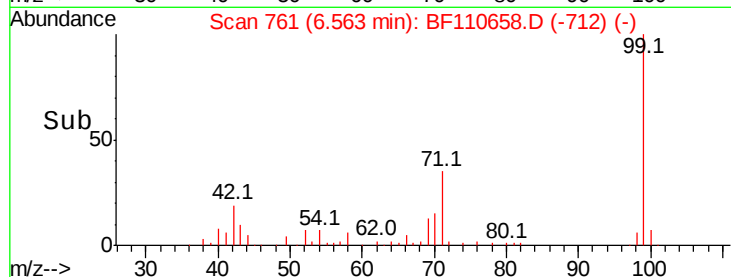
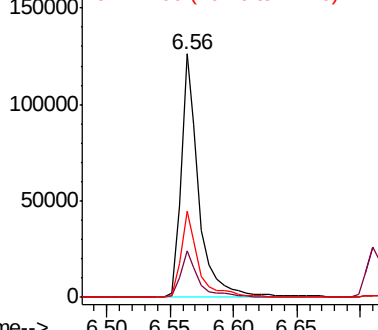
99 100

42 18.9 15.8 23.6

71 35.2 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



#10

Phenol

Concen: 3.142 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110658.D

Acq: 10 Nov 2018 5:47

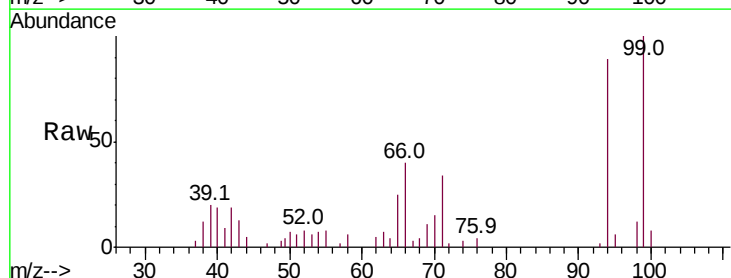
Tgt Ion: 94 Resp: 18501

Ion Ratio Lower Upper

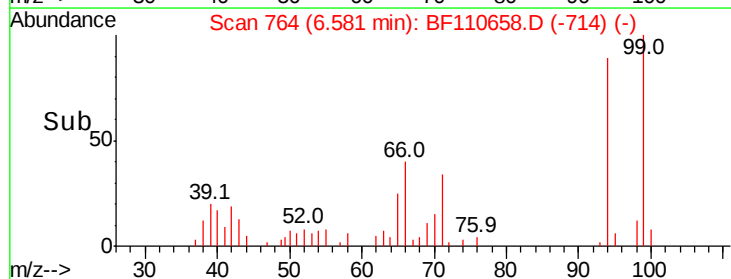
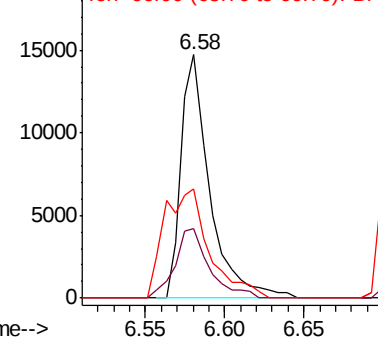
94 100

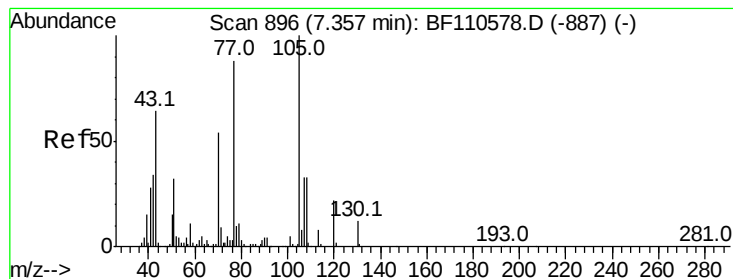
65 28.5 25.3 65.3

66 44.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 17.857 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110658.D

Acq: 10 Nov 2018 5:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 57876

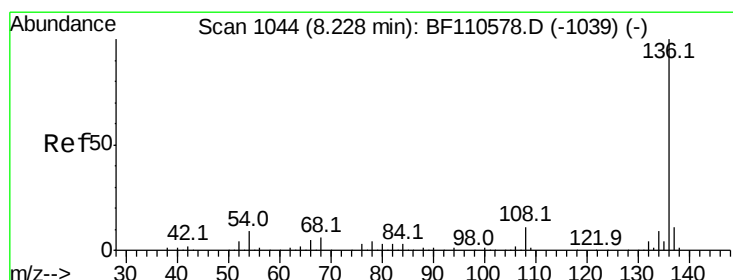
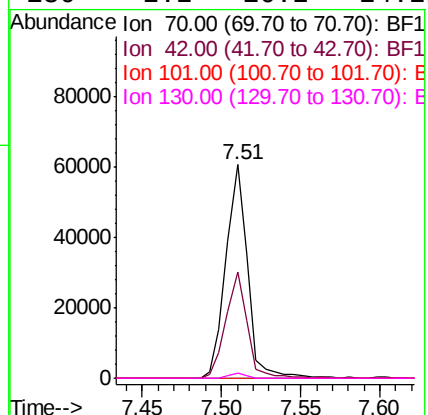
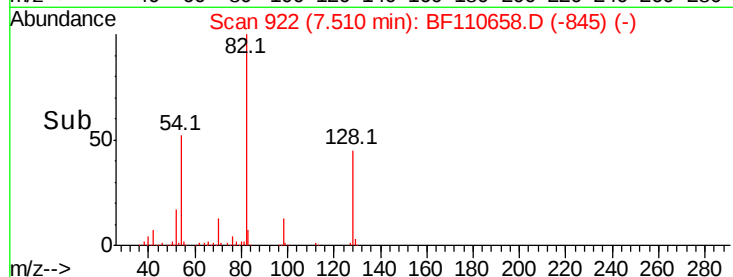
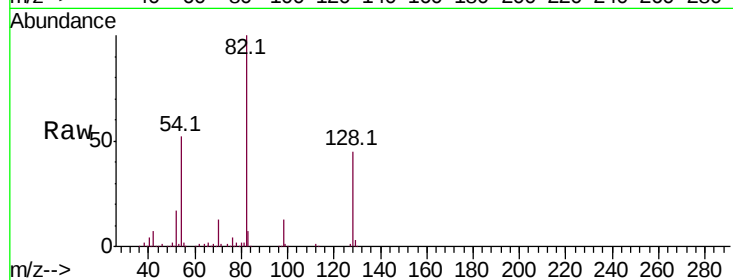
Ion Ratio Lower Upper

70 100

42 49.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110658.D

Acq: 10 Nov 2018 5:47

Tgt Ion: 136 Resp: 270366

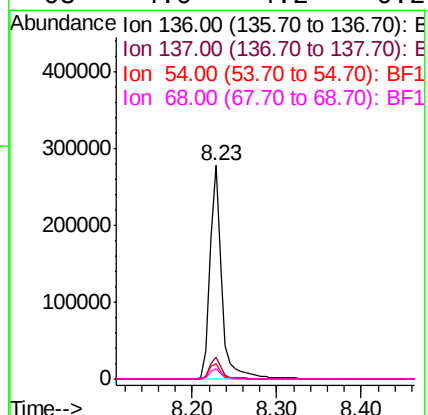
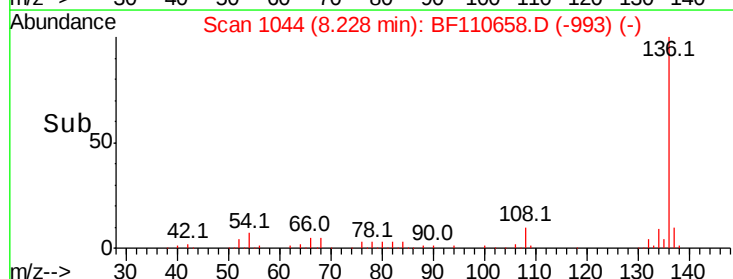
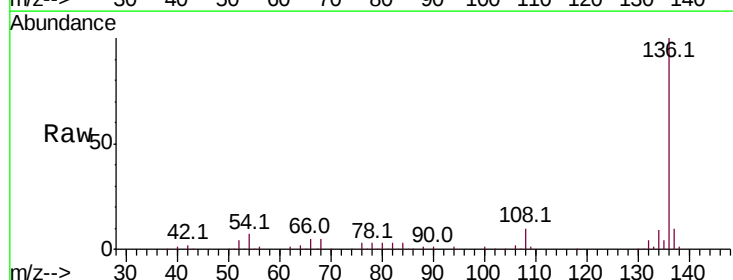
Ion Ratio Lower Upper

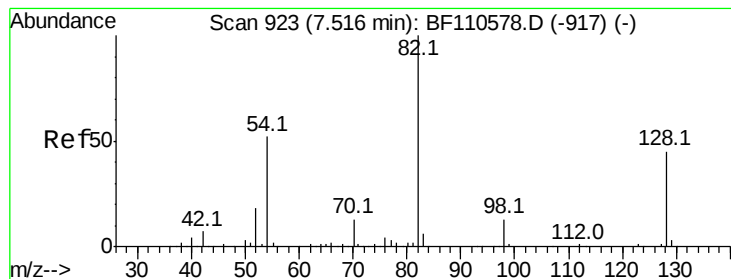
136 100

137 10.2 8.8 13.2

54 7.3 5.4 8.2

68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 94.749 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110658.D

Acq: 10 Nov 2018 5:47

Instrument :

BNA_F

ClientSampled :

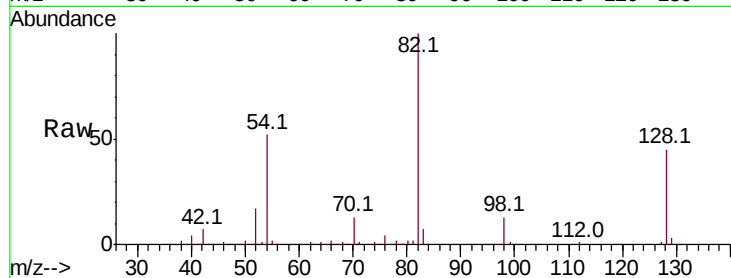
Tot Ion: 82 Resp: 444817

Ion Ratio Lower Upper

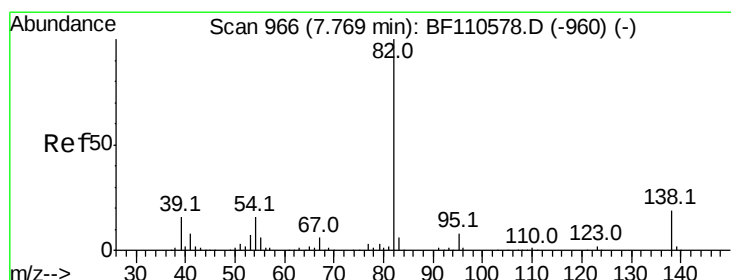
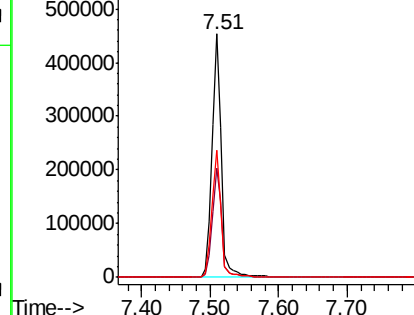
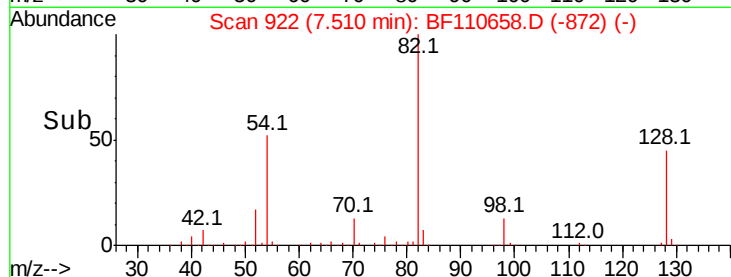
82 100

128 45.1 34.2 51.2

54 52.3 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 57.808 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110658.D

Acq: 10 Nov 2018 5:47

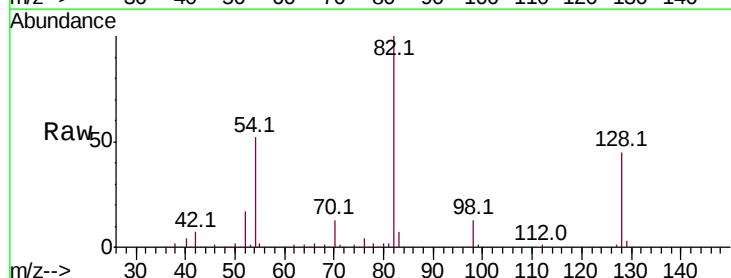
Tgt Ion: 82 Resp: 444814

Ion Ratio Lower Upper

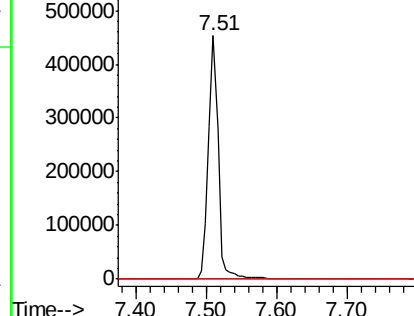
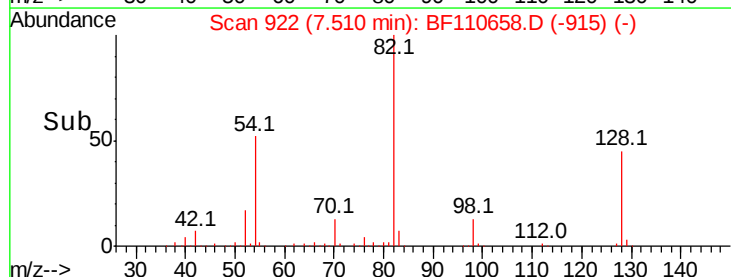
82 100

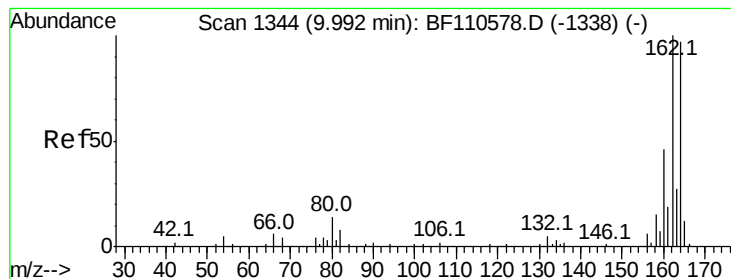
95 0.0 5.7 8.5#

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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110658.D

Acq: 10 Nov 2018 5:47

Instrument :

BNA_F

ClientSampleId :

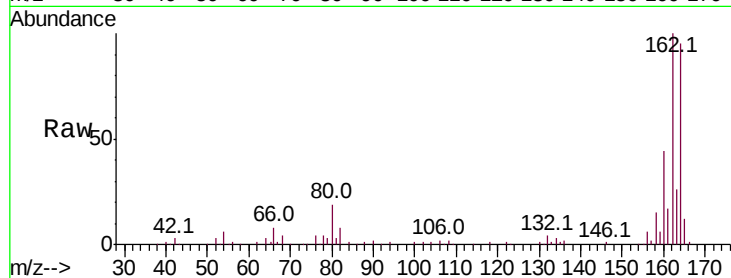
Tot Ion:164 Resp: 112458

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.6

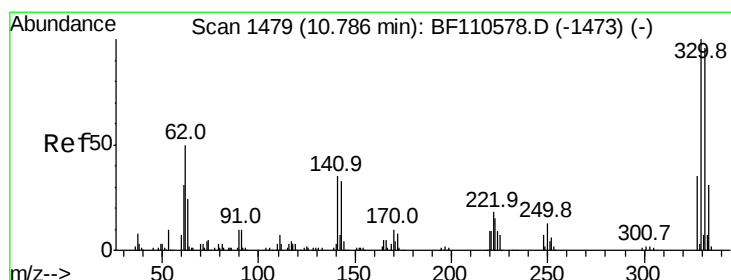
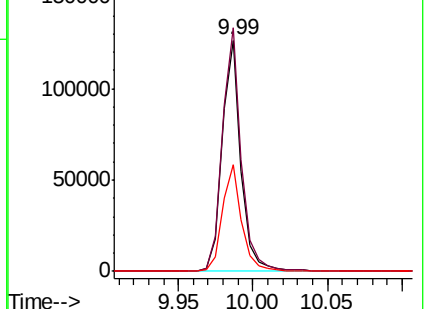
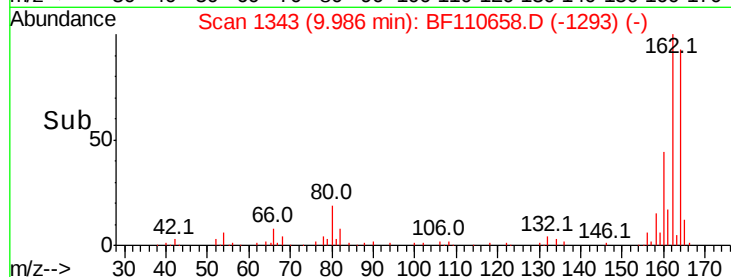
160 46.2 37.0 55.6



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: 75.413 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110658.D

Acq: 10 Nov 2018 5:47

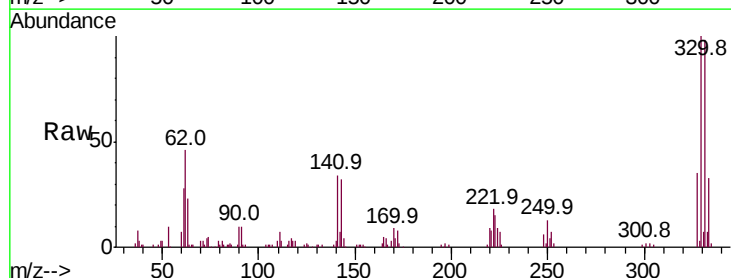
Tgt Ion:330 Resp: 85455

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

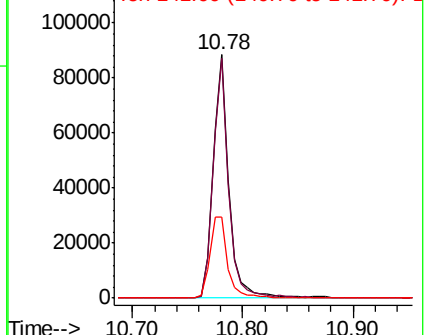
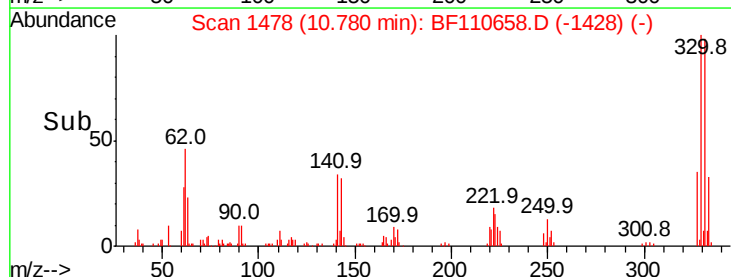
141 37.1 27.0 40.4

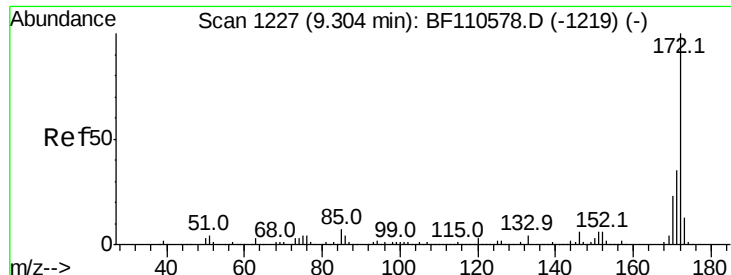


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

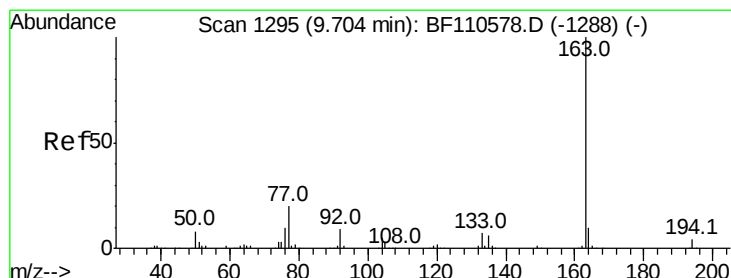
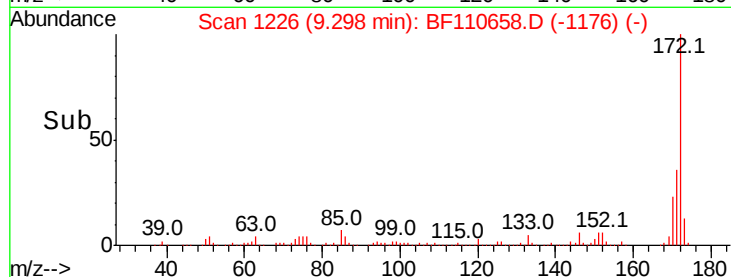
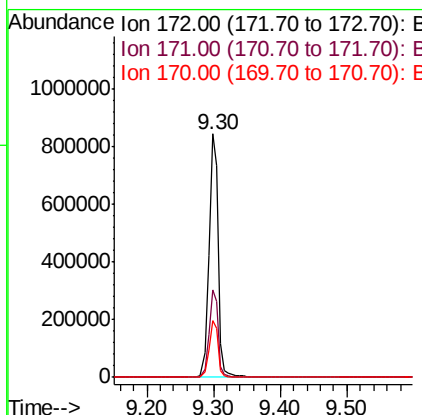
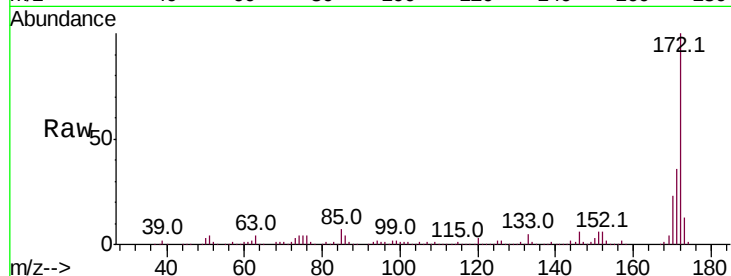




#45
2-Fluorobiphenyl
Concen: 103.321 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

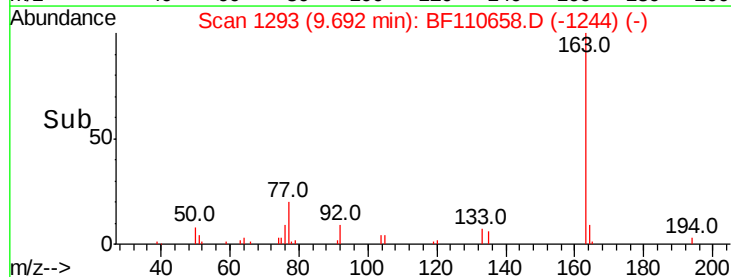
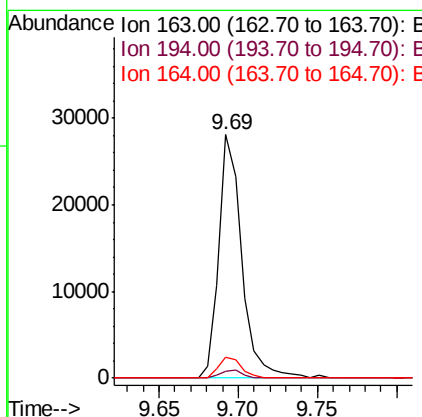
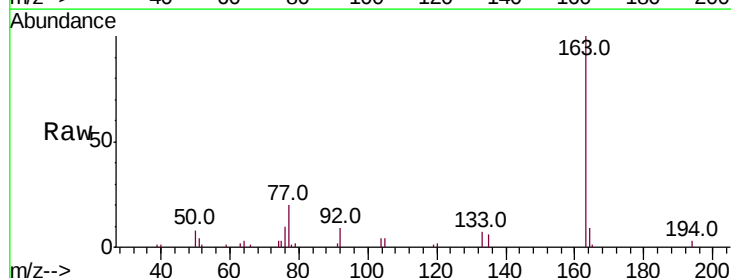
Instrument :
BNA_F
ClientSampled :

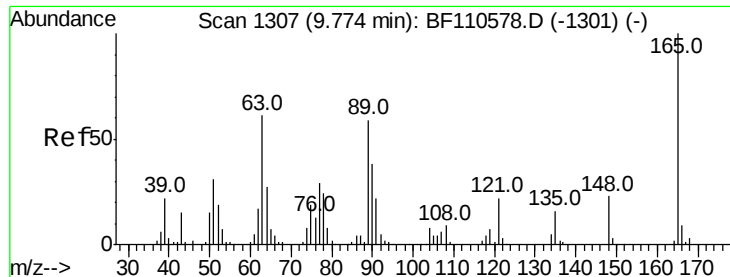
Tot Ion:172 Resp: 813571
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.2 19.7 29.5



#50
Dimethylphthalate
Concen: 3.370 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion:163 Resp: 28275
Ion Ratio Lower Upper
163 100
194 3.0 3.2 4.8#
164 8.6 8.1 12.1

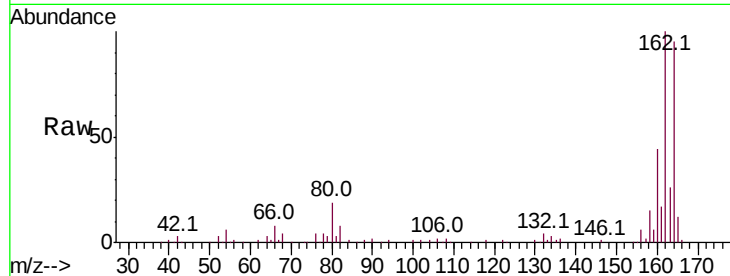




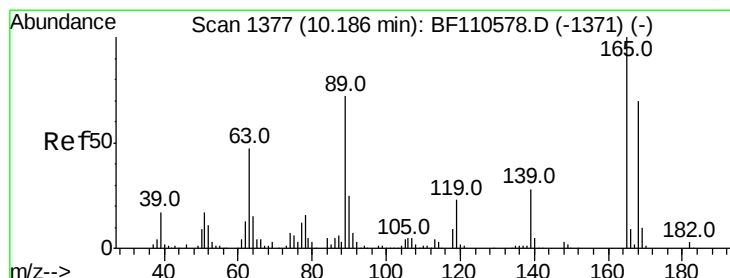
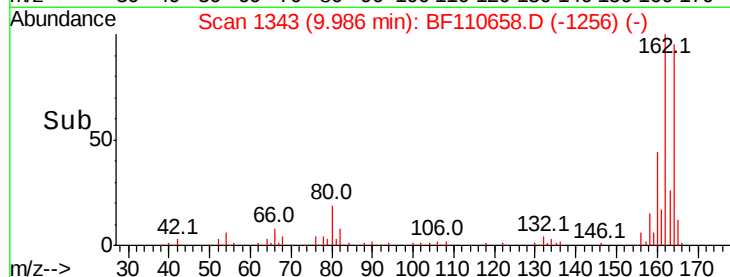
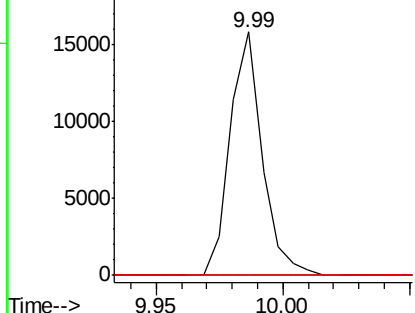
#51
 2,6-Dinitrotoluene
 Concen: 7.534 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110658.D
 Acq: 10 Nov 2018 5:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



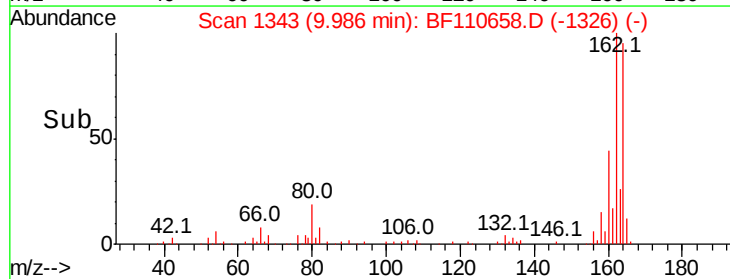
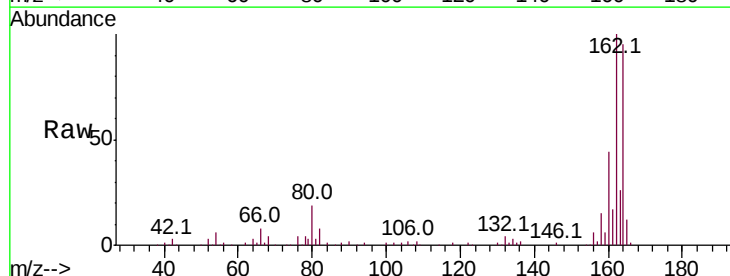
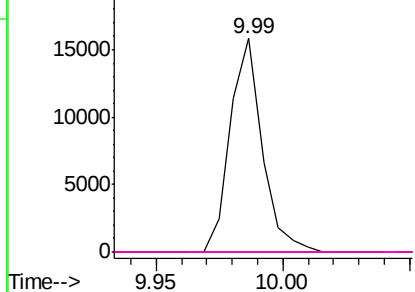
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

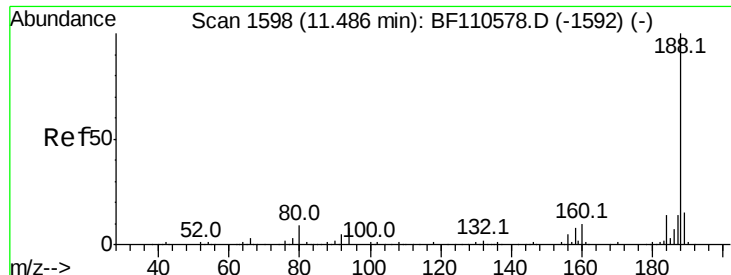


#57
 2,4-Dinitrotoluene
 Concen: 5.794 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110658.D
 Acq: 10 Nov 2018 5:47

Tgt 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#

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

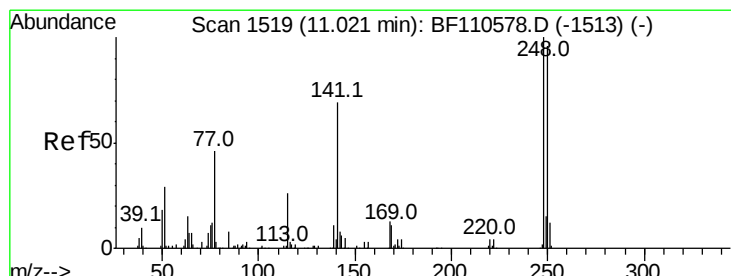
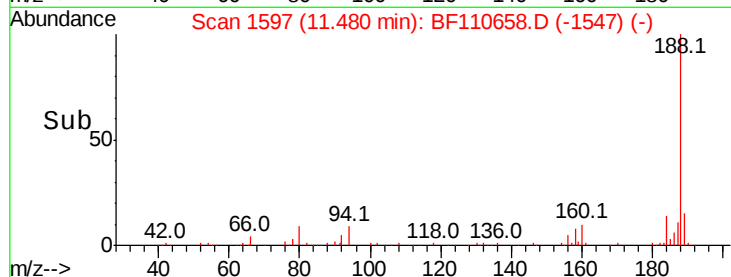
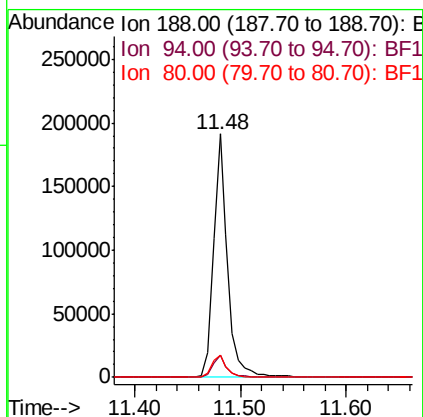
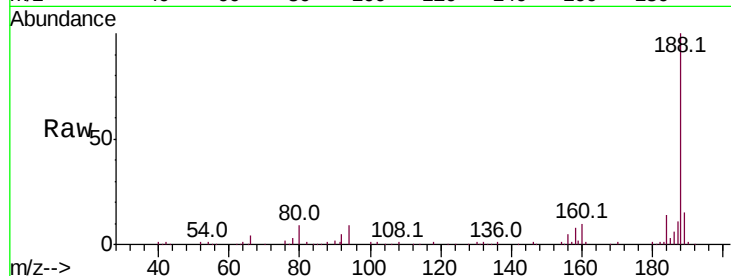




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

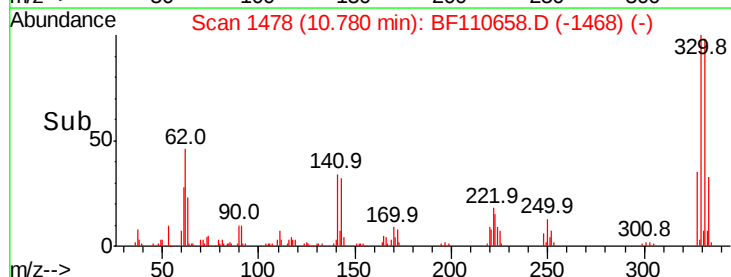
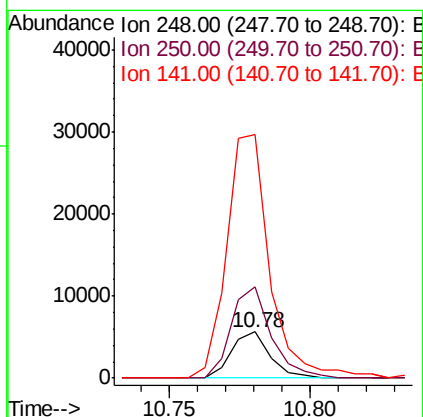
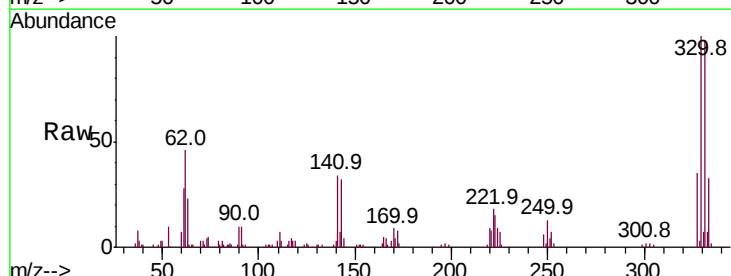
Instrument :
BNA_F
ClientSampled :

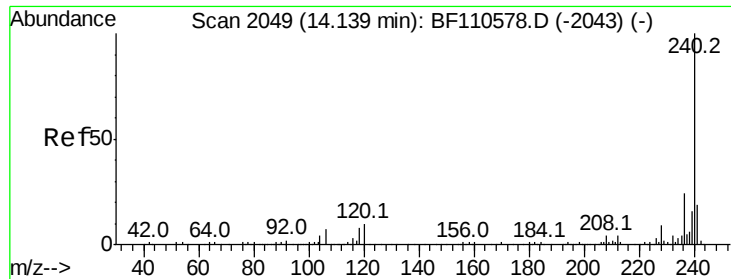
Tot Ion:188 Resp: 178377
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.681 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion:248 Resp: 5286
Ion Ratio Lower Upper
248 100
250 197.8 79.4 119.2#
141 529.8 55.9 83.9#

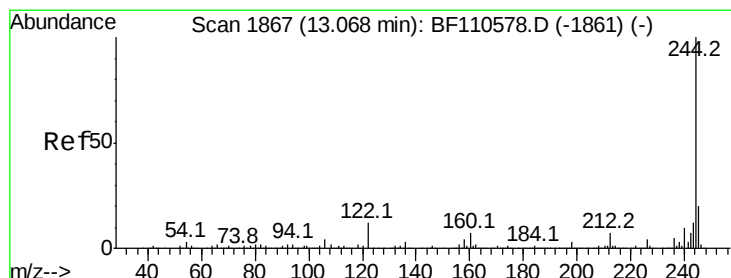
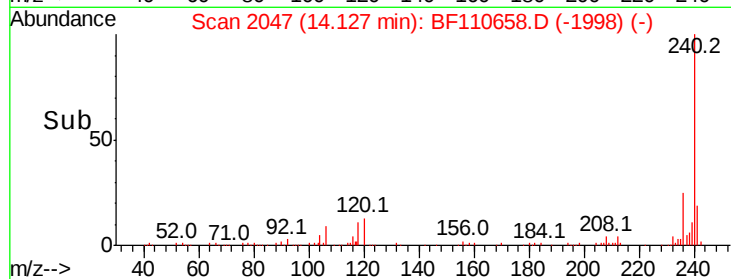
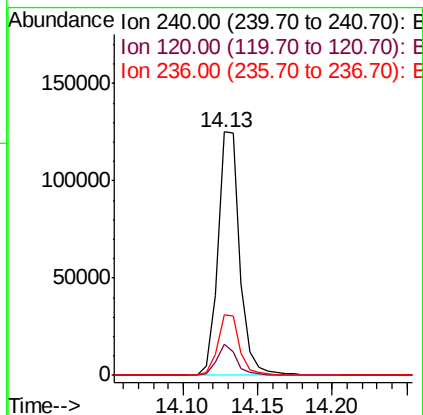
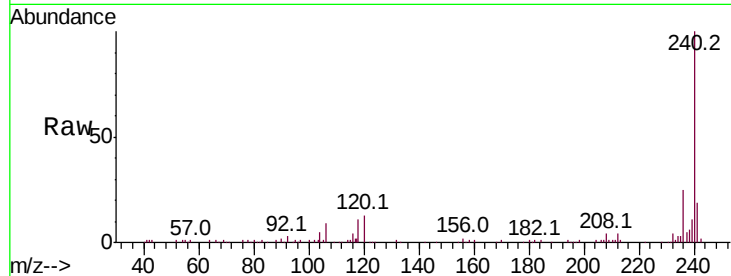




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

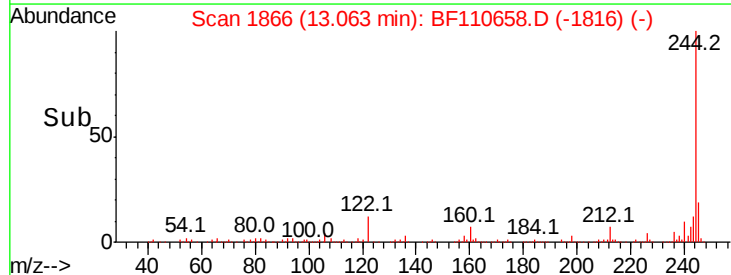
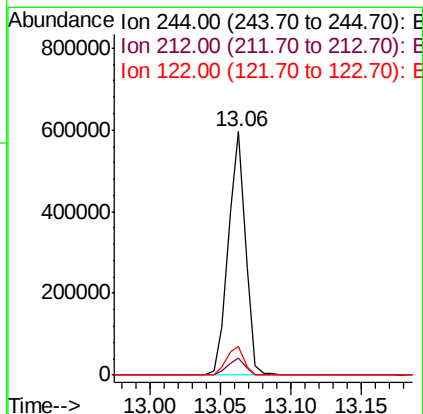
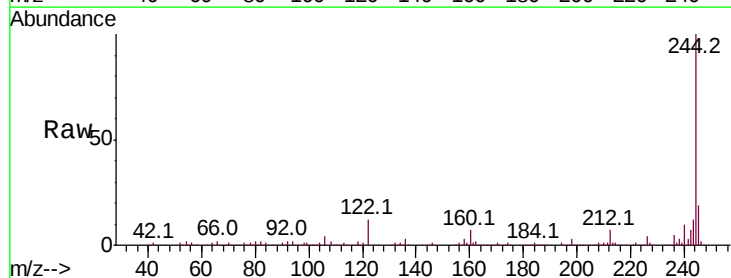
Instrument :
BNA_F
ClientSampleId :

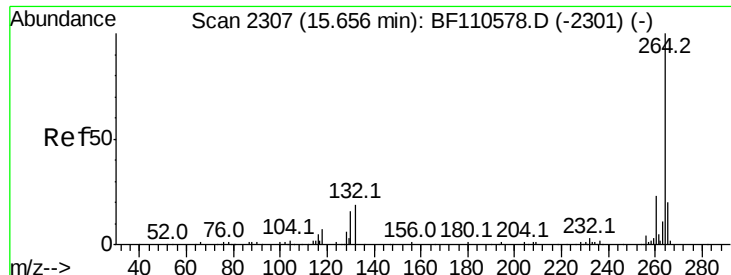
Tot Ion:240 Resp: 128681
Ion Ratio Lower Upper
240 100
120 12.6 8.3 12.5#
236 25.1 21.2 31.8



#79
Terphenyl-d14
Concen: 73.445 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Tgt Ion:244 Resp: 504654
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 11.5 8.7 13.1

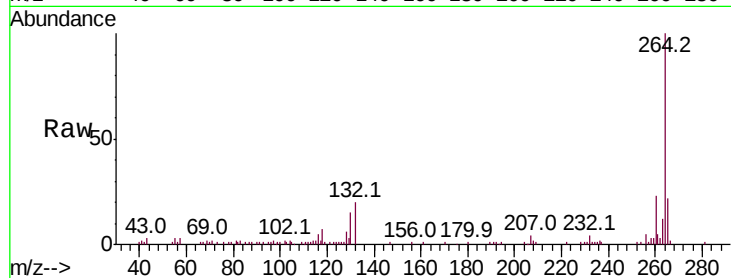




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110658.D
Acq: 10 Nov 2018 5:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.3	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

