

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110561.D
 Acq On : 7 Nov 2018 17:53
 Operator : JU/SJ
 Sample : J5762-03 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:22:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

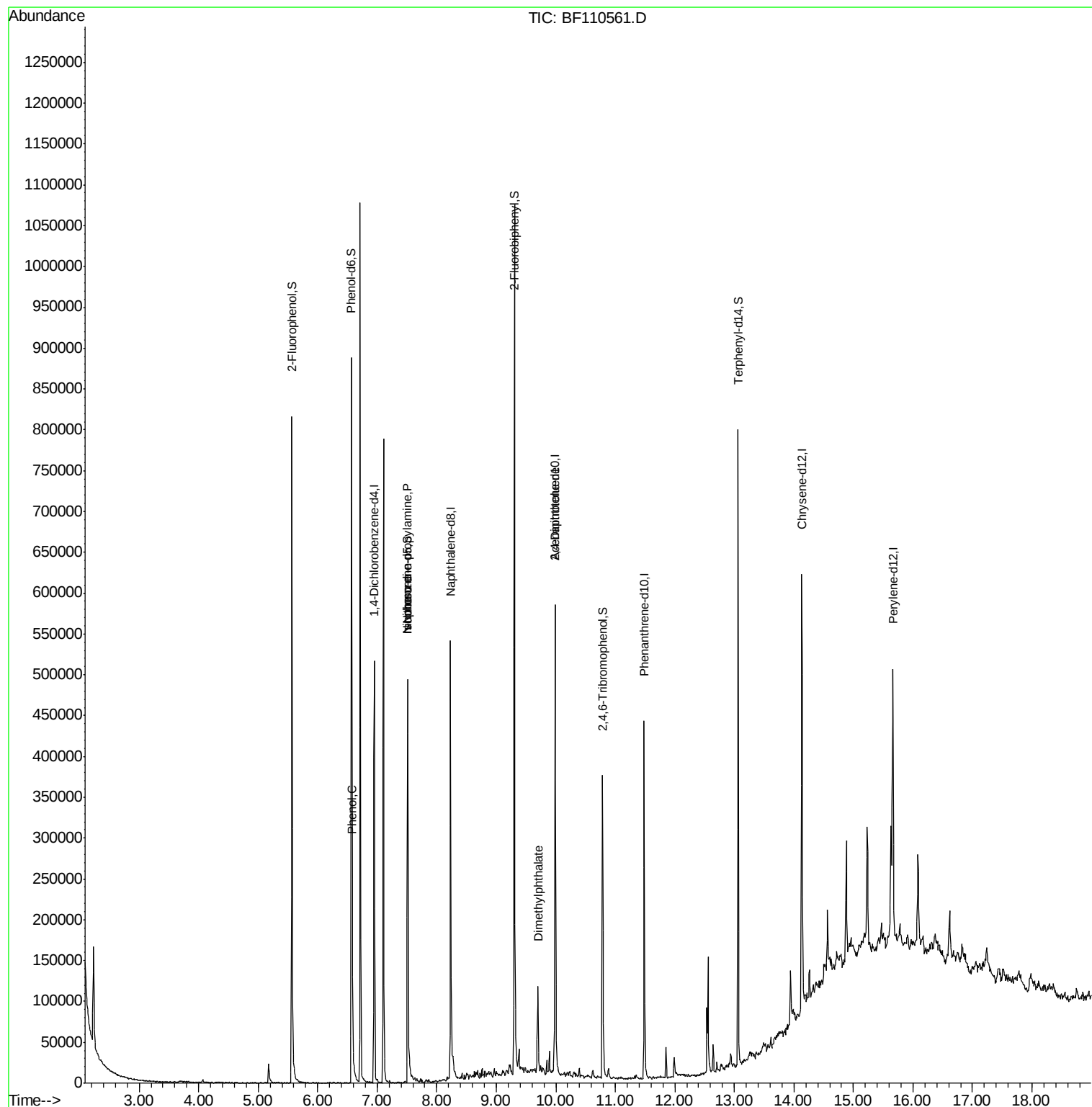
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77319	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	295634	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	112297	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	174172	20.00	ng	0.00
76) Chrysene-d12	14.13	240	181113	20.00	ng	0.00
87) Perylene-d12	15.66	264	161200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	250548	52.77	ng	0.00
7) Phenol-d6	6.57	99	315738	51.99	ng	-0.01
23) Nitrobenzene-d5	7.51	82	186398	37.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	49348	44.36	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	331406	46.34	ng	-0.01
79) Terphenyl-d14	13.06	244	253298	29.09	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	18959	2.921	ng	# 68
19) n-Nitroso-di-n-propylamine	7.51	70	24446	6.274	ng	# 81
25) Isophorone	7.51	82	186398	21.939	ng	# 67
50) Dimethylphthalate	9.70	163	41277	4.979	ng	100
57) 2,4-Dinitrotoluene	9.99	165	14193	6.258	ng	# 17
77) Benzidine	13.06	184	3422	Below Cal		96

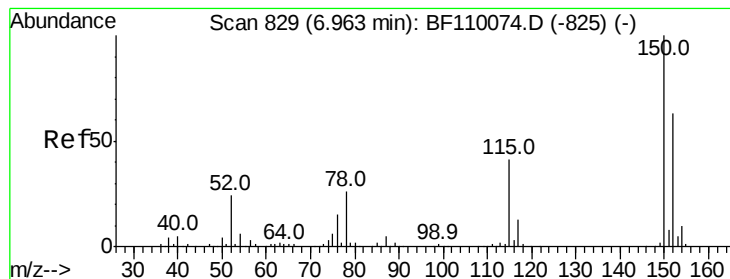
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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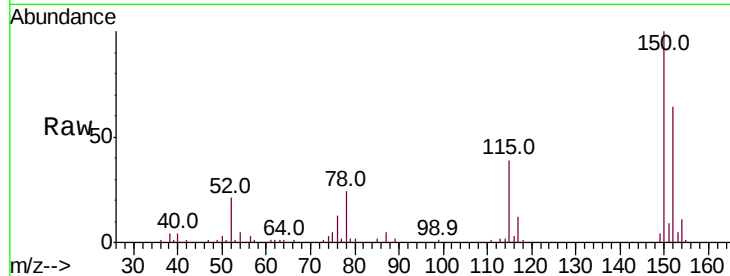


#1

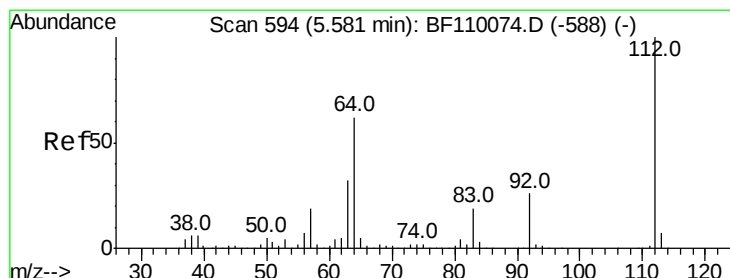
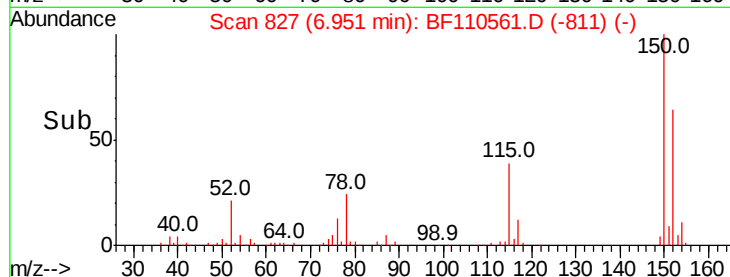
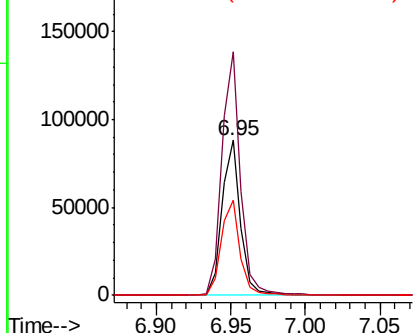
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110561.D
Acq: 7 Nov 2018 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77319
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 61.6 49.1 73.7



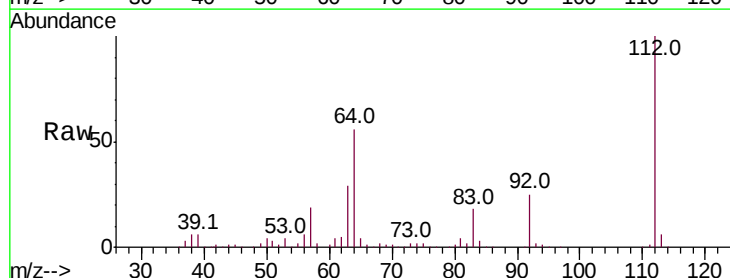
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



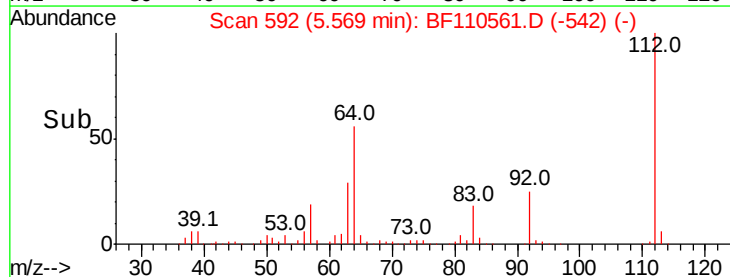
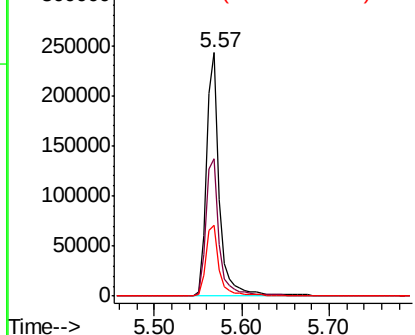
#5

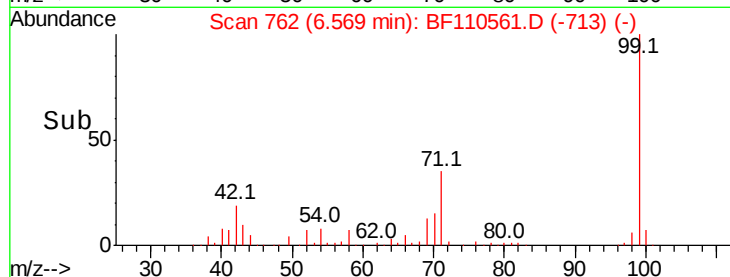
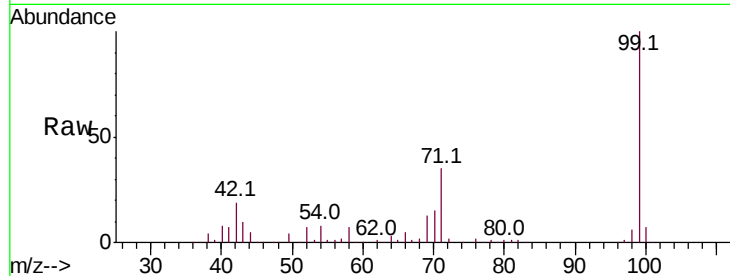
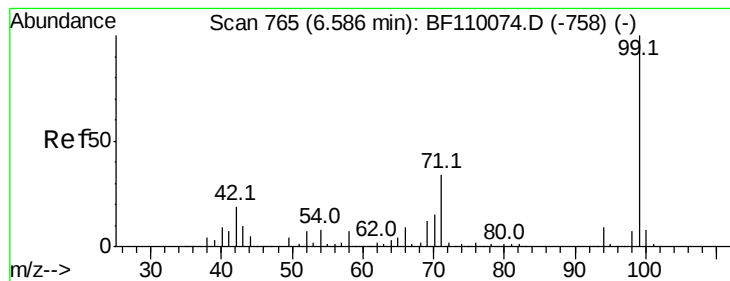
2-Fluorophenol
Concen: 52.769 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110561.D
Acq: 7 Nov 2018 17:53

Tgt Ion:112 Resp: 250548
Ion Ratio Lower Upper
112 100
64 56.2 44.1 66.1
63 29.3 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: 51.990 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110561.D

Acq: 7 Nov 2018 17:53

Instrument :

BNA_F

ClientSampleId :

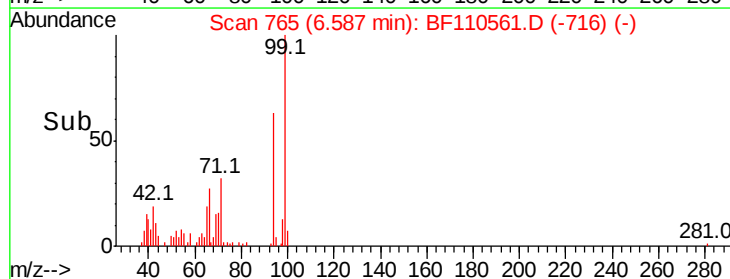
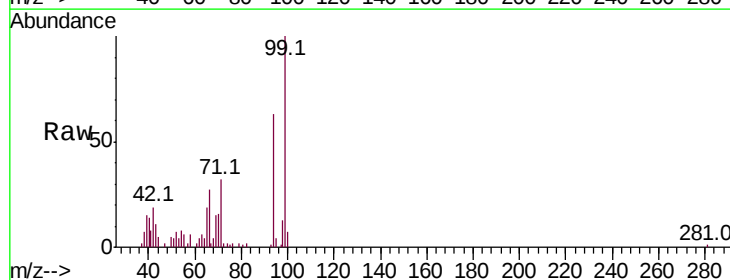
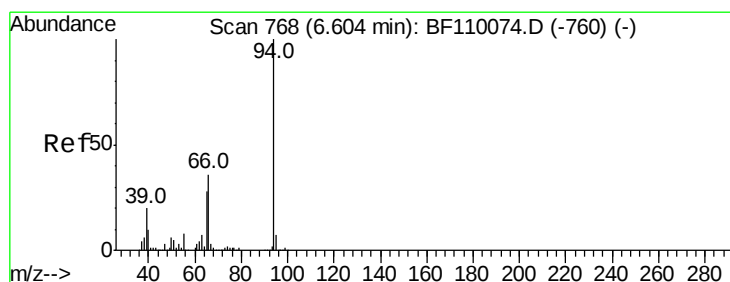
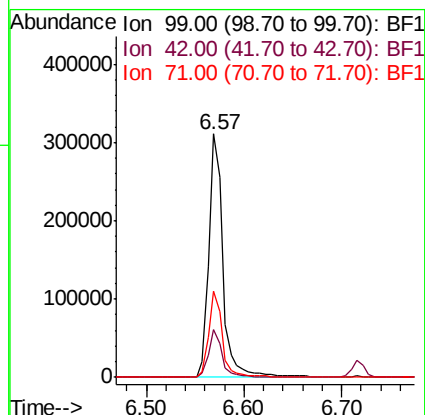
Tot Ion: 99 Resp: 315738

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

71 35.4 28.0 42.0



#10

Phenol

Concen: 2.921 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110561.D

Acq: 7 Nov 2018 17:53

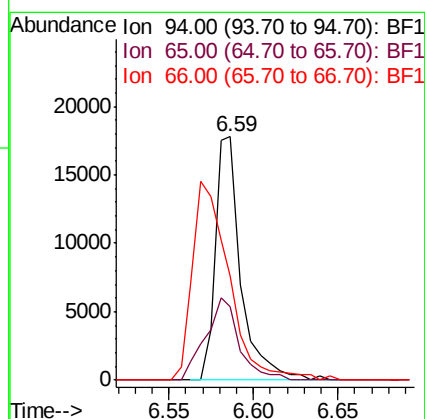
Tgt Ion: 94 Resp: 18959

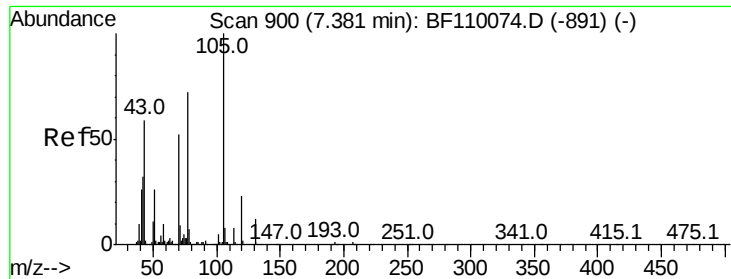
Ion Ratio Lower Upper

94 100

65 30.2 25.3 65.3

66 42.6 54.5 94.5#

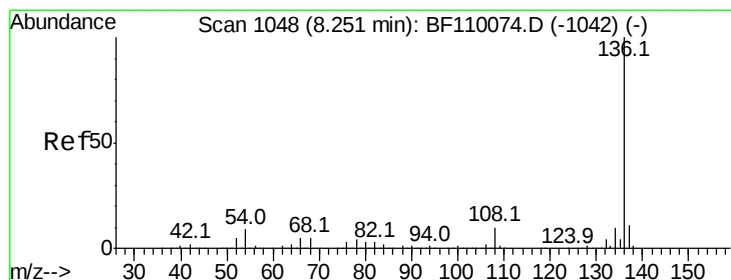
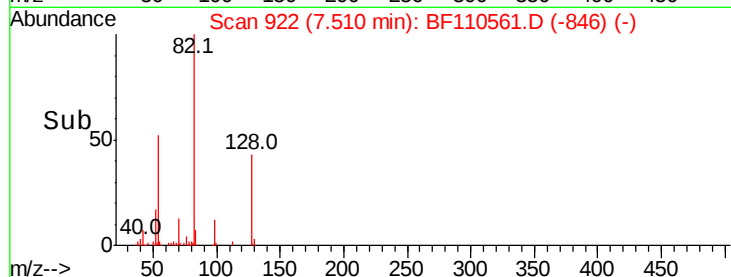
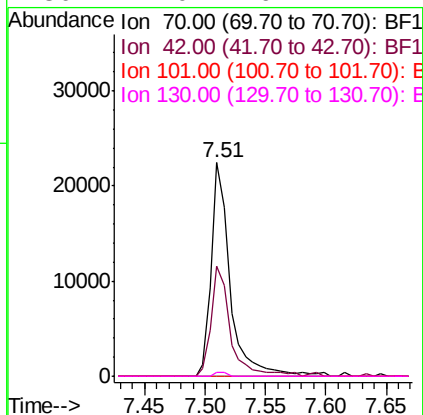
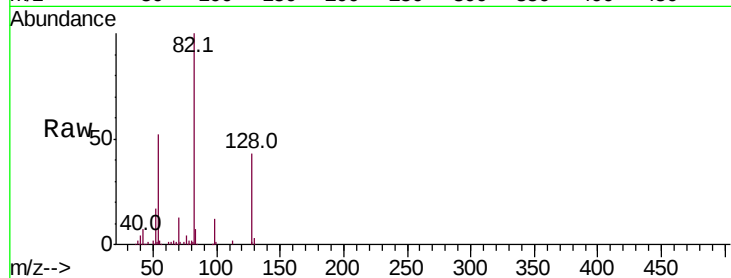




#19
n-Nitroso-di-n-propylamine
Concen: 6.274 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110561.D
Acq: 7 Nov 2018 17:53

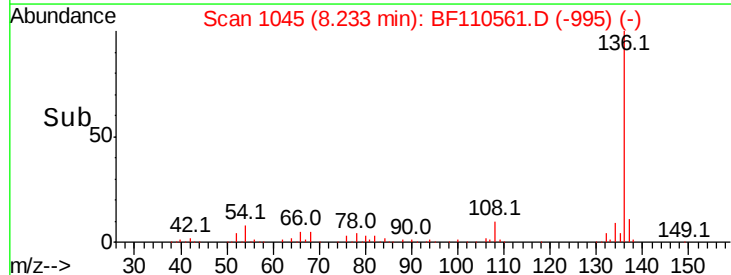
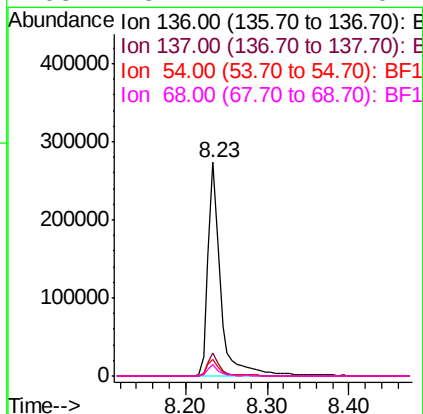
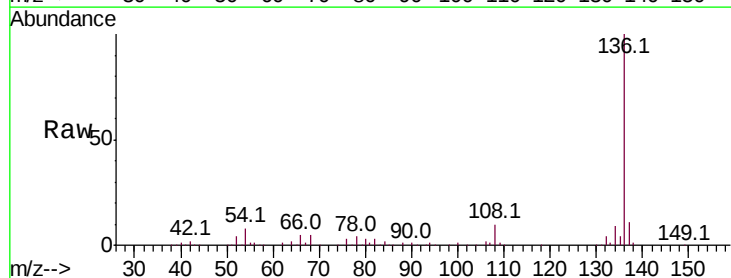
Instrument :
BNA_F
ClientSampleId :

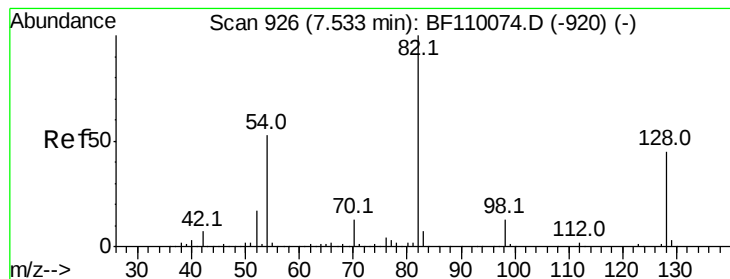
Tot Ion: 70 Resp: 24446
Ion Ratio Lower Upper
70 100
42 51.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110561.D
Acq: 7 Nov 2018 17:53

Tgt Ion: 136 Resp: 295634
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 5.4 8.2
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 37.397 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110561.D

Acq: 7 Nov 2018 17:53

Instrument :

BNA_F

ClientSampled :

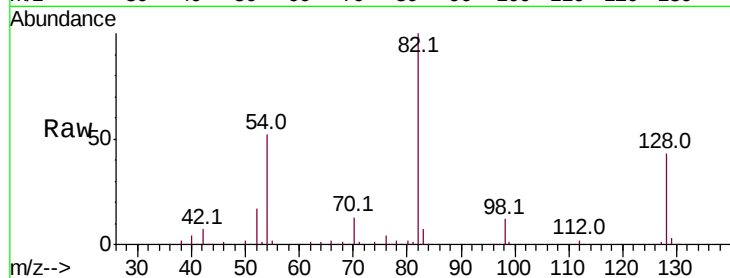
Tot Ion: 82 Resp: 186398

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.2

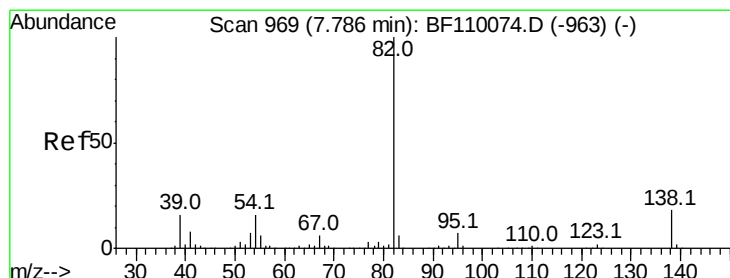
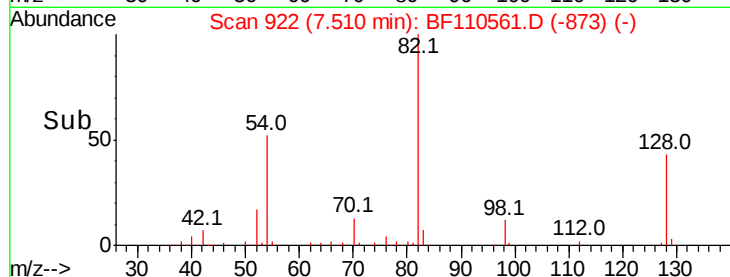
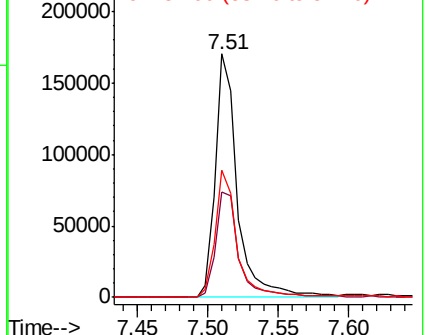
54 52.0 38.6 58.0



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: 21.939 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110561.D

Acq: 7 Nov 2018 17:53

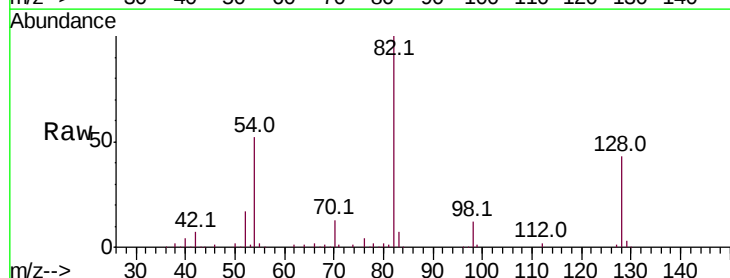
Tgt Ion: 82 Resp: 186398

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

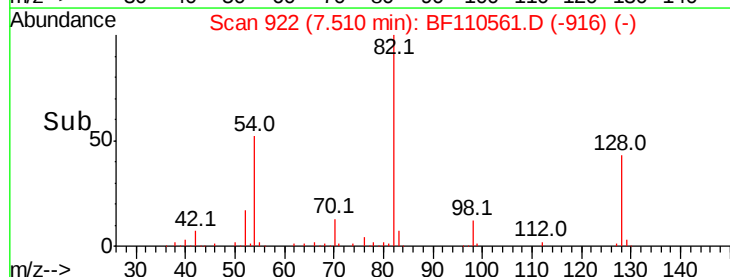
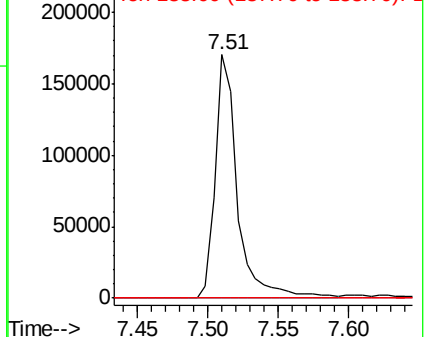
138 0.0 13.2 19.8#

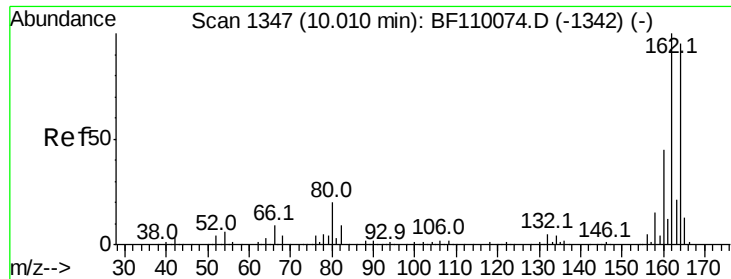


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

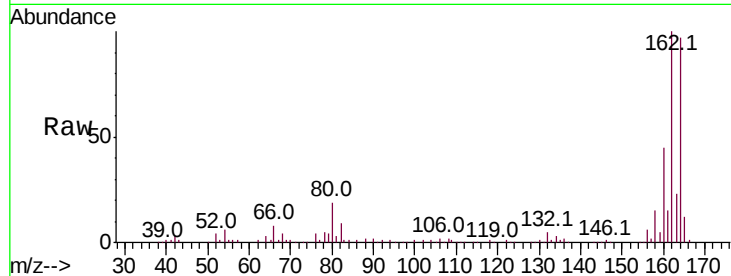




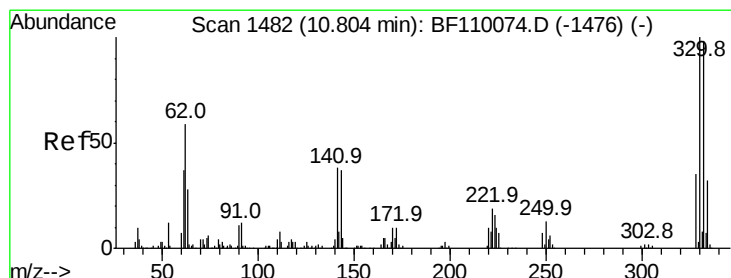
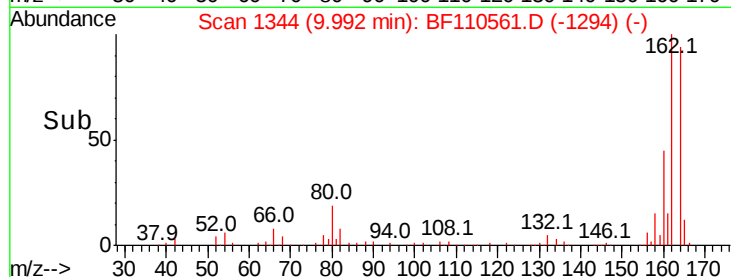
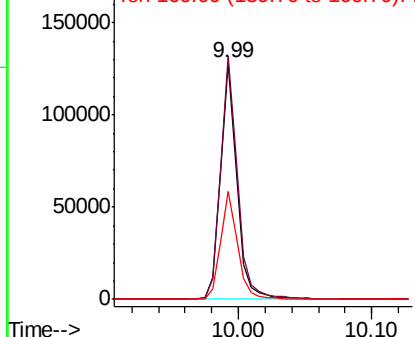
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110561.D
Acq: 7 Nov 2018 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 112297
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.6
160 45.9 37.0 55.6

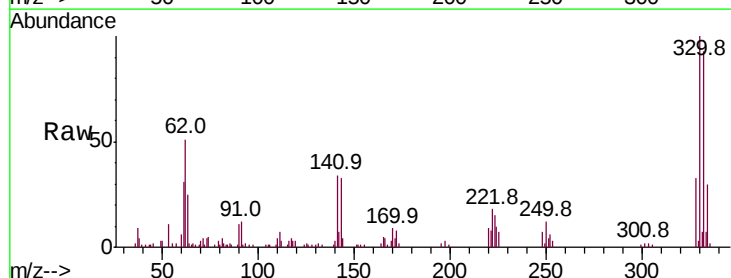


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

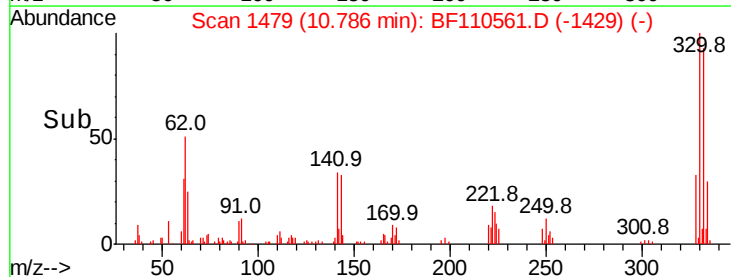
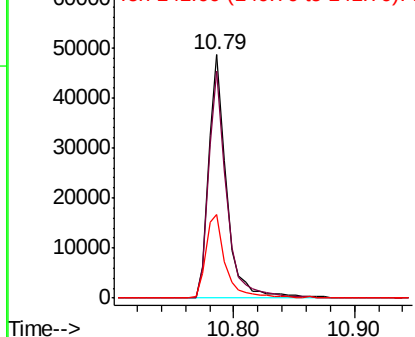


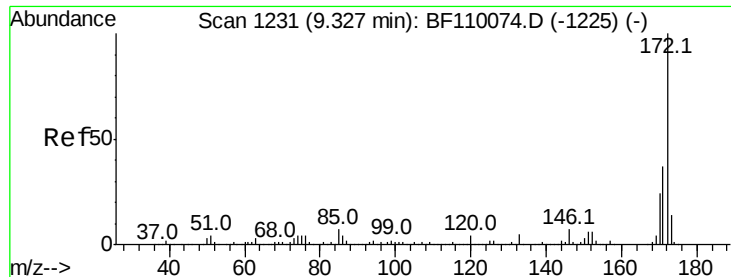
#42
2,4,6-Tribromophenol
Concen: 44.363 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110561.D
Acq: 7 Nov 2018 17:53

Tgt Ion:330 Resp: 49348
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 38.1 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



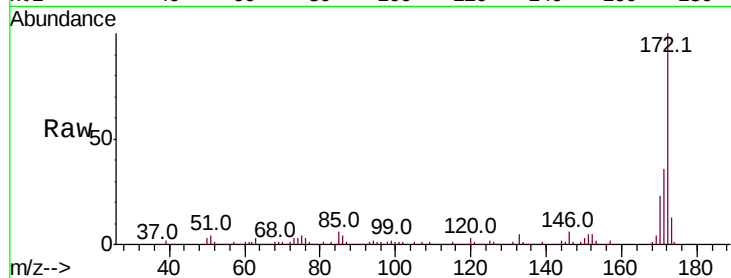


#45
 2-Fluorobiphenyl
 Concen: 46.341 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF110561.D
 Acq: 7 Nov 2018 17:53

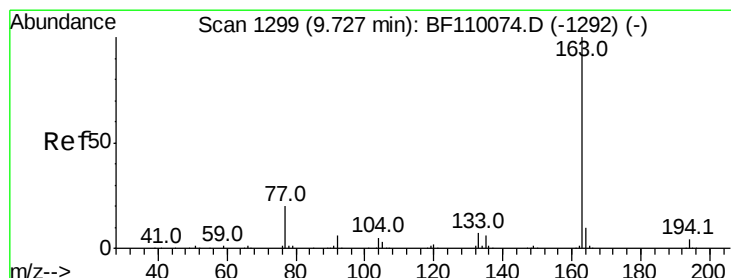
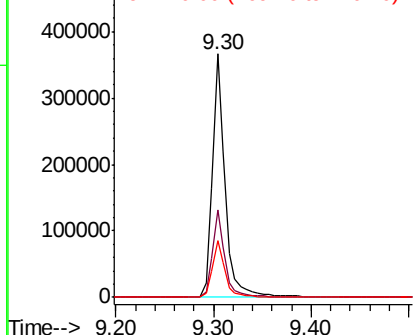
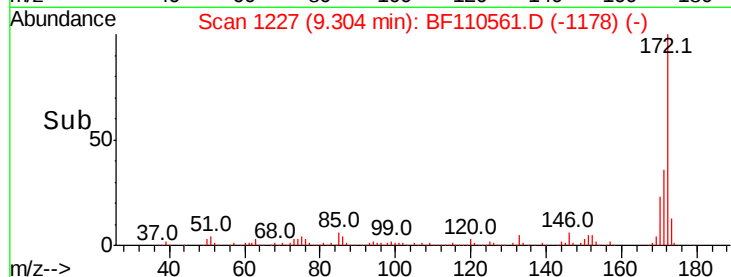
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 331406

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.5	19.7	29.5



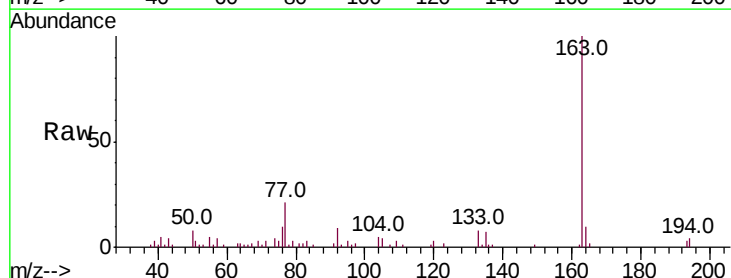
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



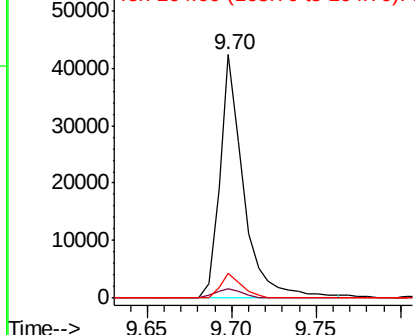
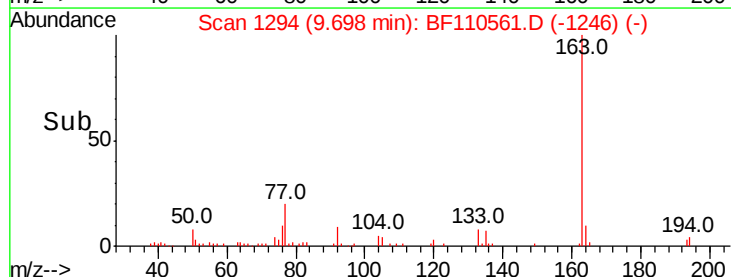
#50
 Dimethylphthalate
 Concen: 4.979 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BF110561.D
 Acq: 7 Nov 2018 17:53

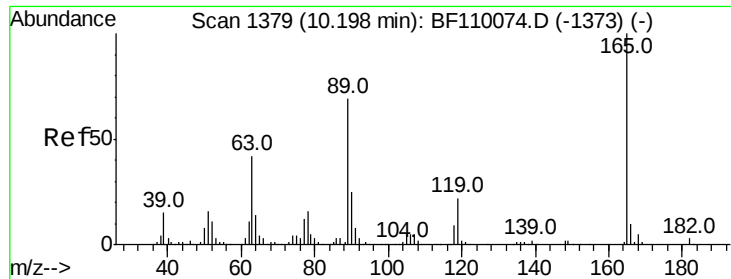
Tgt Ion:163 Resp: 41277

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	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

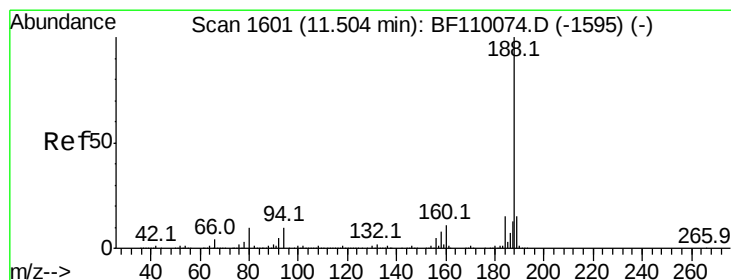
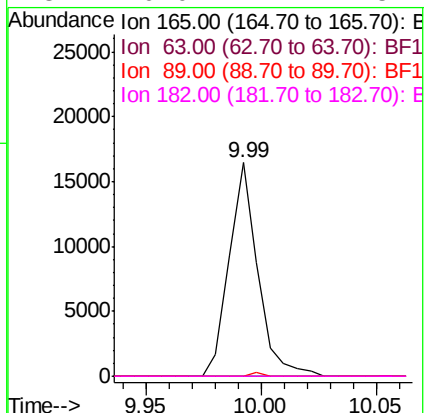
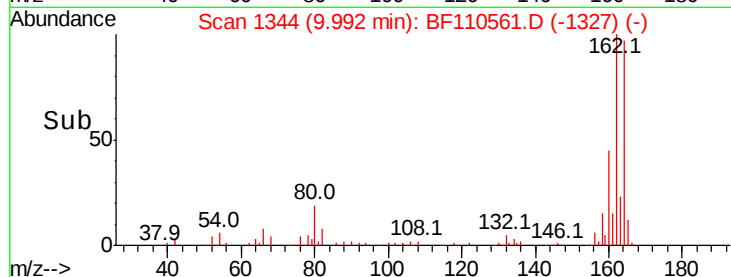
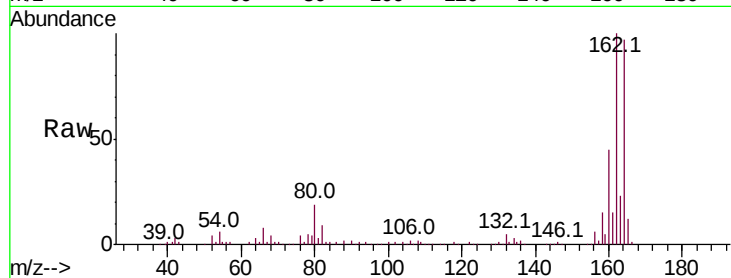




#57
2,4-Dinitrotoluene
Concen: 6.258 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110561.D
Acq: 7 Nov 2018 17:53

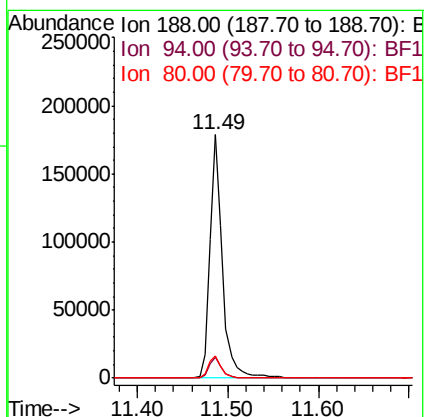
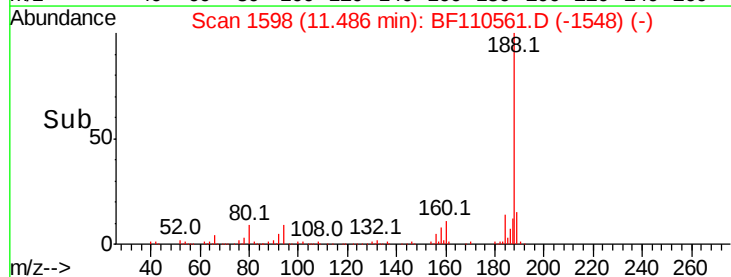
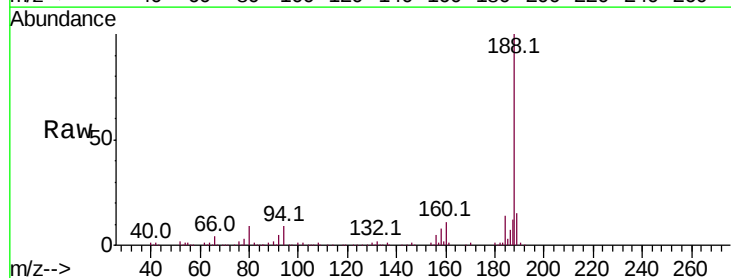
Instrument :
BNA_F
ClientSampleId :

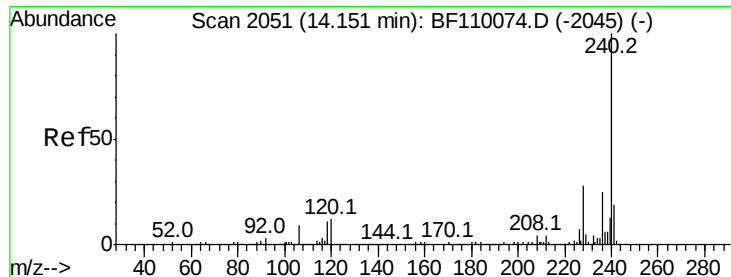
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110561.D
Acq: 7 Nov 2018 17:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.1	7.9	11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110561.D

Acq: 7 Nov 2018 17:53

Instrument :

BNA_F

ClientSampleId :

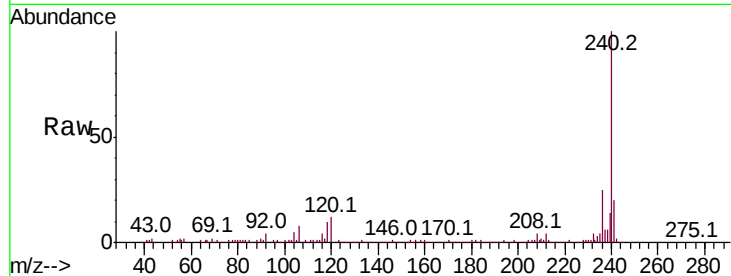
Tot Ion:240 Resp: 181113

Ion Ratio Lower Upper

240 100

120 11.7 8.3 12.5

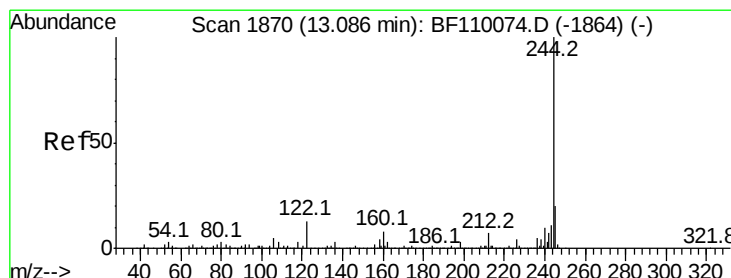
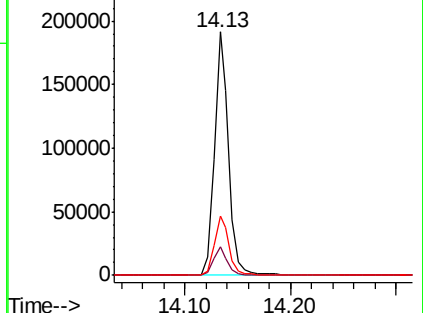
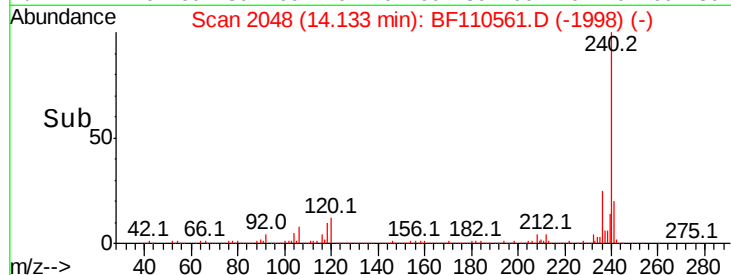
236 24.6 21.2 31.8



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



#79

Terphenyl-d14

Concen: 29.086 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110561.D

Acq: 7 Nov 2018 17:53

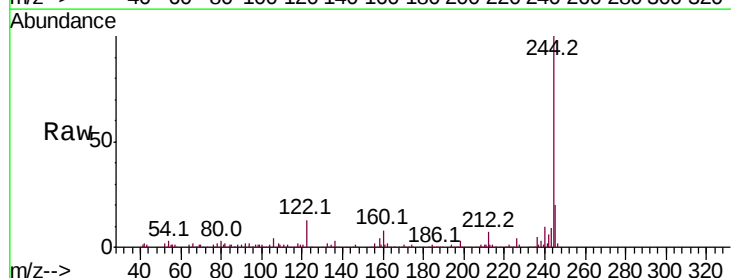
Tgt Ion:244 Resp: 253298

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

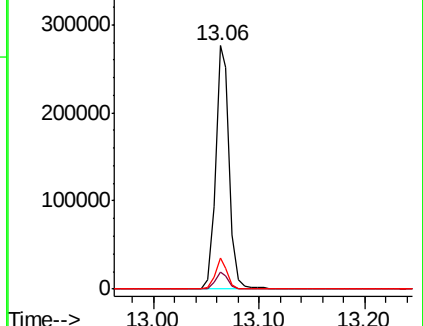
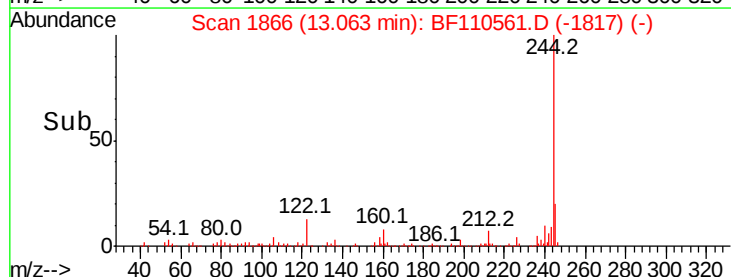
122 12.6 8.7 13.1

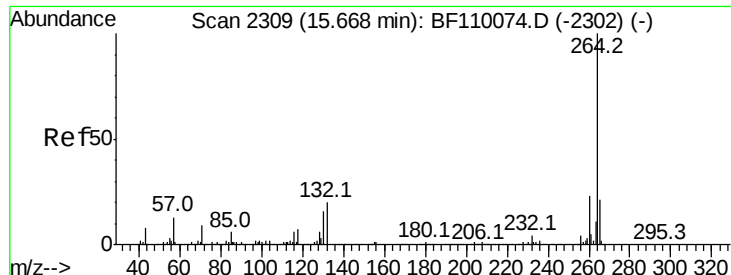


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110561.D
Acq: 7 Nov 2018 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	19.9	16.7	25.1

