

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110669.D
 Acq On : 10 Nov 2018 10:44
 Operator : JU/SJ
 Sample : J5881-20
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:28:58 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	75687	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	308569	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	127154	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	194065	20.00	ng	0.00
76) Chrysene-d12	14.13	240	145297	20.00	ng	-0.01
87) Perylene-d12	15.65	264	104525	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	202953	43.56	ng	0.00
7) Phenol-d6	6.56	99	154591	25.94	ng	-0.01
23) Nitrobenzene-d5	7.51	82	538261	100.46	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	101953	79.57	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	969153	108.85	ng	0.00
79) Terphenyl-d14	13.06	244	580232	74.79	ng	0.00

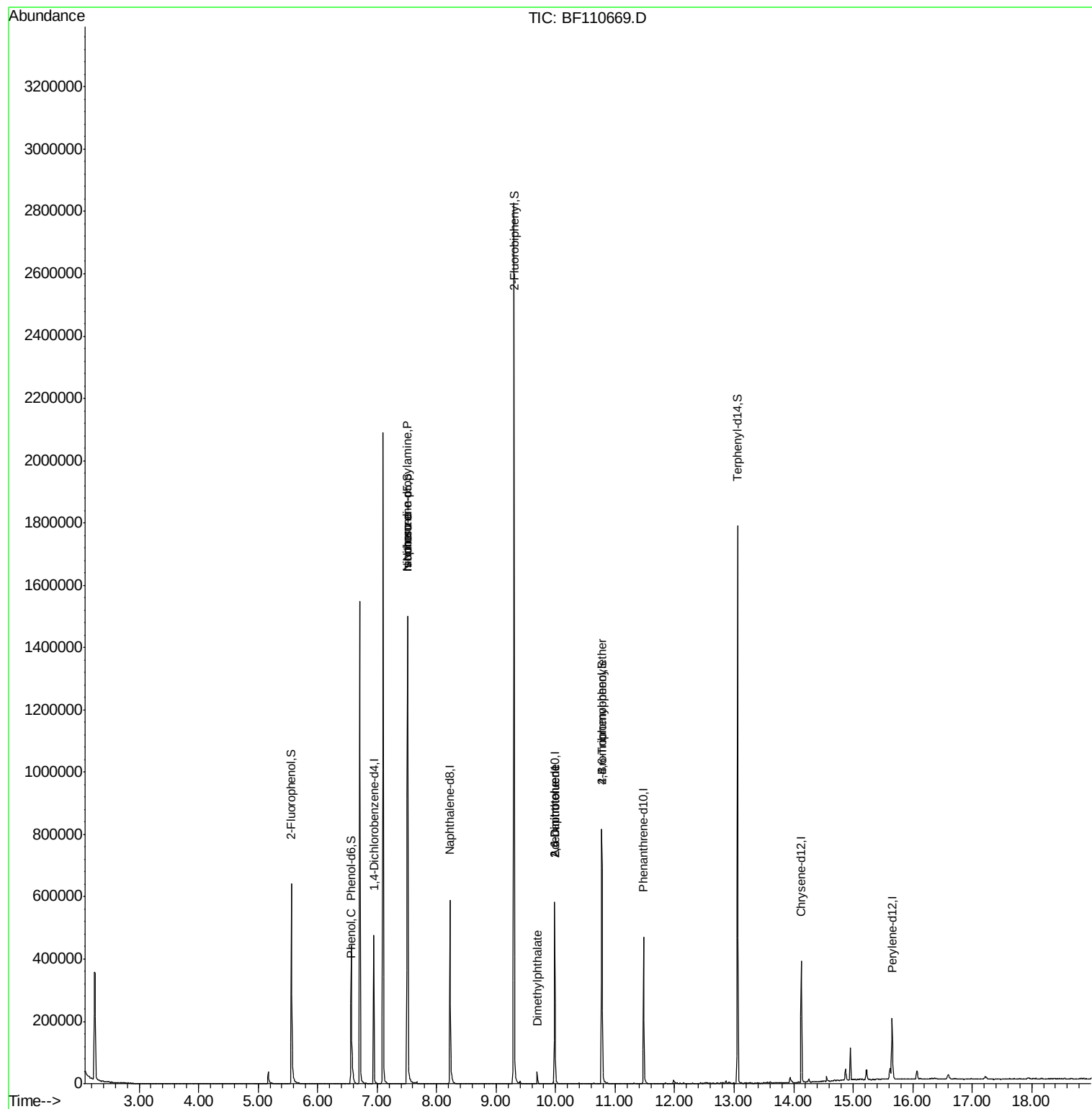
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.57	94	20701	2.996	ng	# 72
19) n-Nitroso-di-n-propylamine	7.51	70	71269	18.738	ng	# 80
25) Isophorone	7.51	82	538257	61.291	ng	# 67
50) Dimethylphthalate	9.69	163	20212	2.130	ng	# 99
51) 2,6-Dinitrotoluene	9.99	165	15910	7.623	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	15910	5.863	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	6524	3.042	ng	# 1

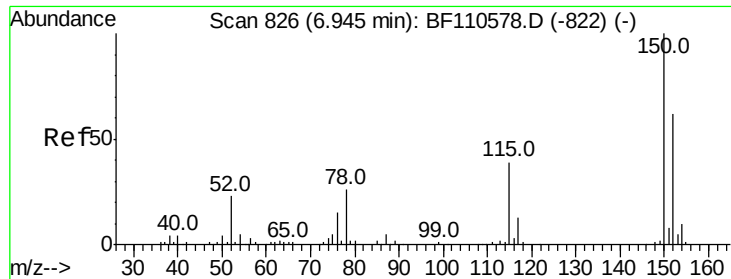
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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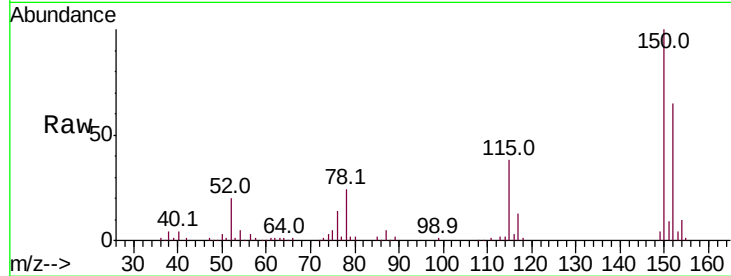


#1

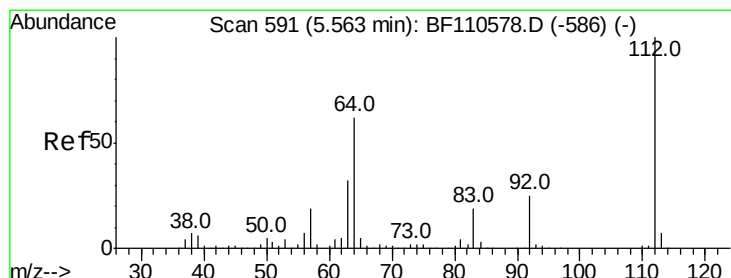
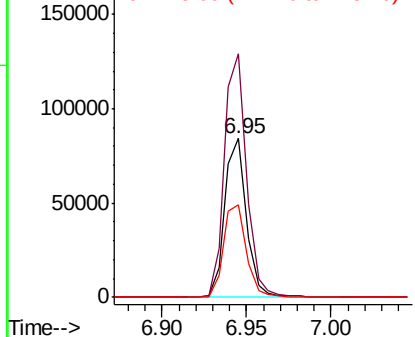
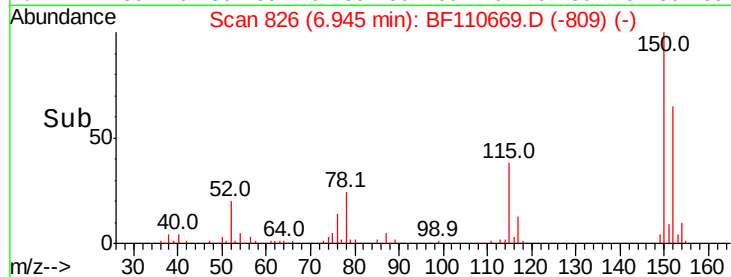
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF110669.D
 Acq: 10 Nov 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 75687
 Ion Ratio Lower Upper
 152 100
 150 153.4 122.7 184.1
 115 58.0 49.1 73.7



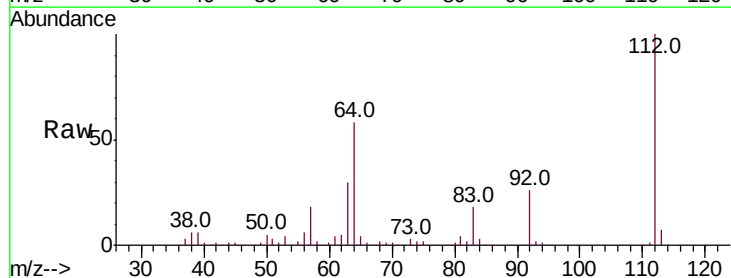
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



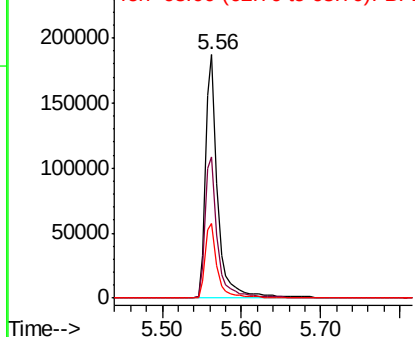
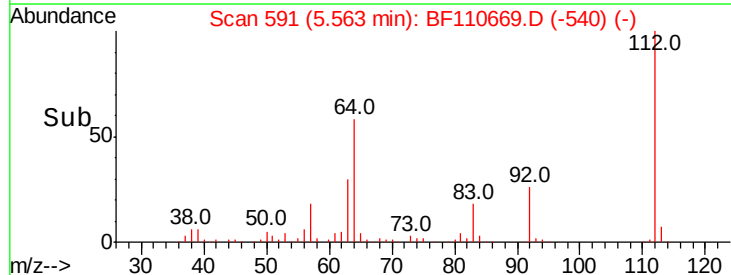
#5

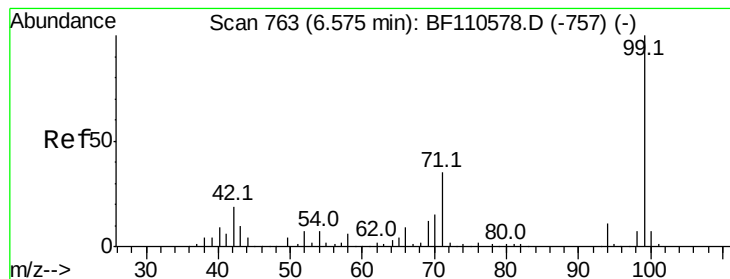
2-Fluorophenol
 Concen: 43.556 ng
 RT: 5.56 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF110669.D
 Acq: 10 Nov 2018 10:44

Tgt Ion:112 Resp: 202953
 Ion Ratio Lower Upper
 112 100
 64 58.2 44.1 66.1
 63 30.4 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: 25.944 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110669.D

Acq: 10 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

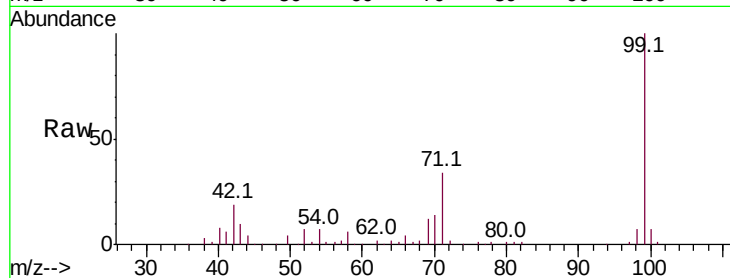
Tot Ion: 99 Resp: 154591

Ion Ratio Lower Upper

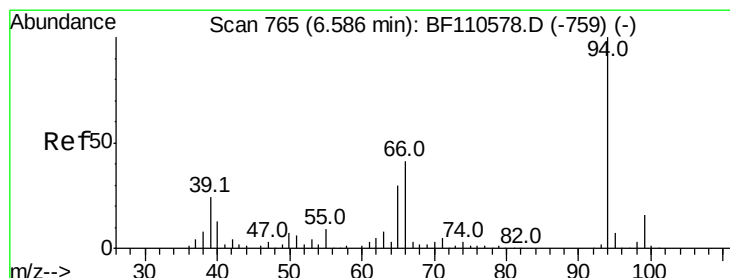
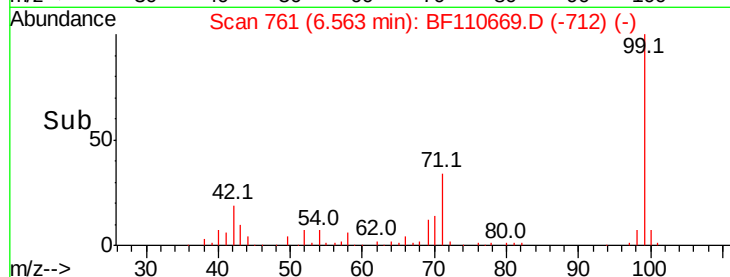
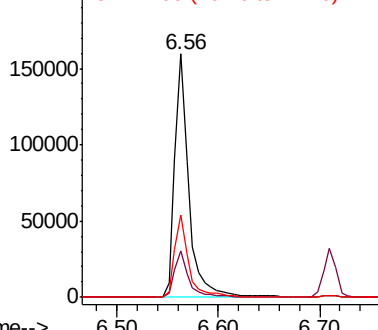
99 100

42 18.9 15.8 23.6

71 33.9 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: 2.996 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110669.D

Acq: 10 Nov 2018 10:44

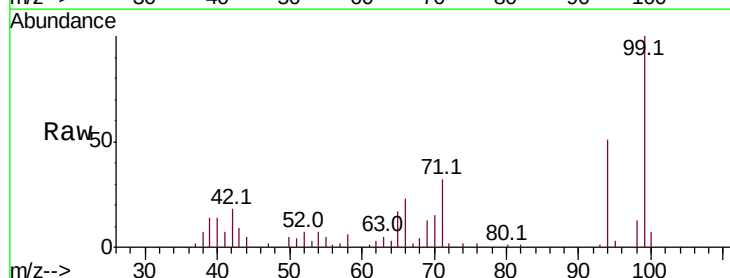
Tgt Ion: 94 Resp: 20701

Ion Ratio Lower Upper

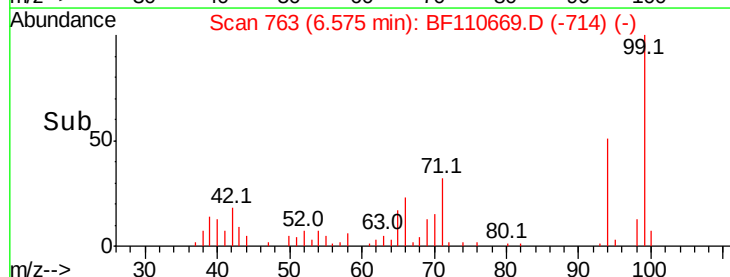
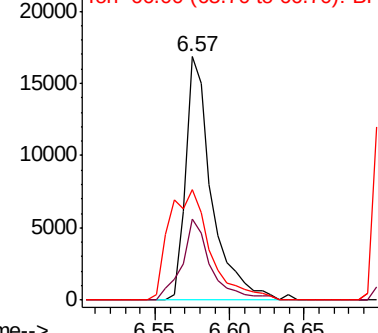
94 100

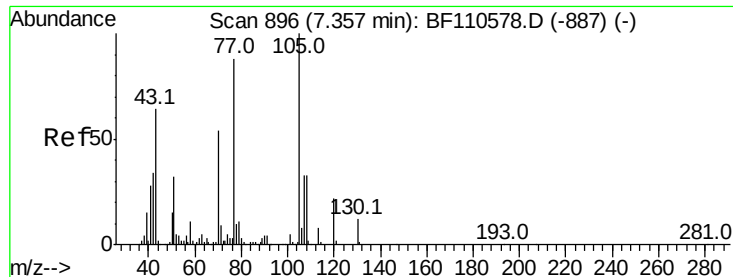
65 33.3 25.3 65.3

66 45.3 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

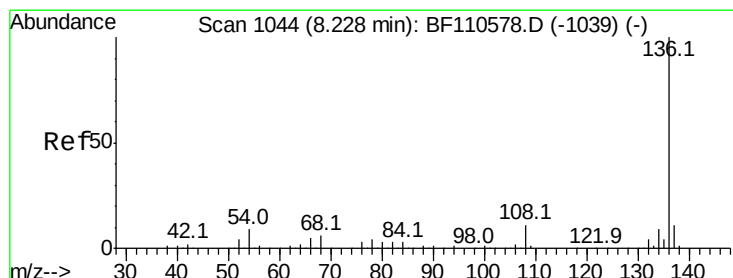
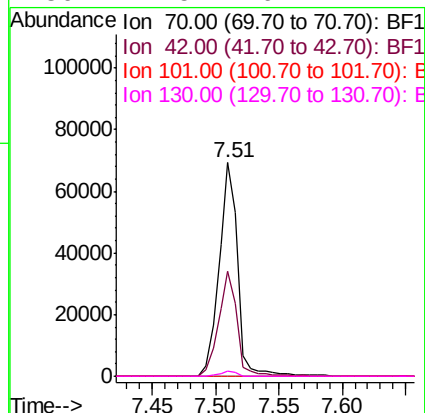
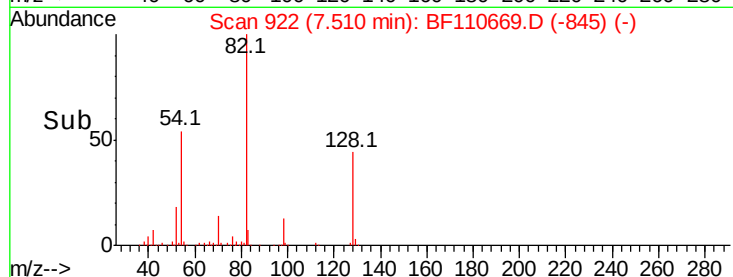
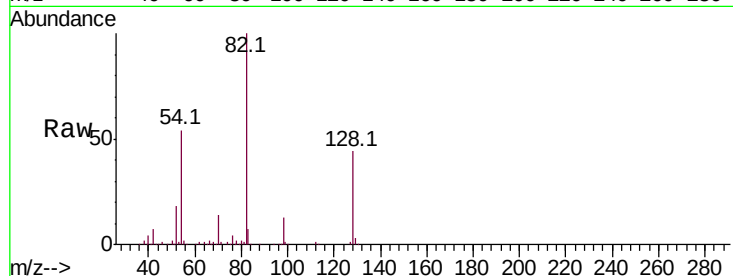




#19
n-Nitroso-di-n-propylamine
Concen: 18.738 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

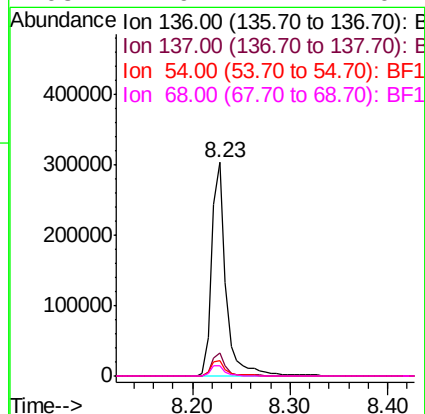
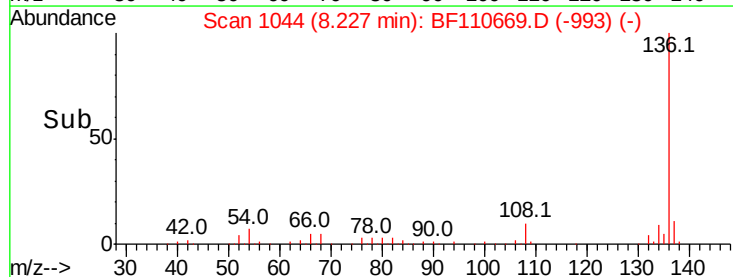
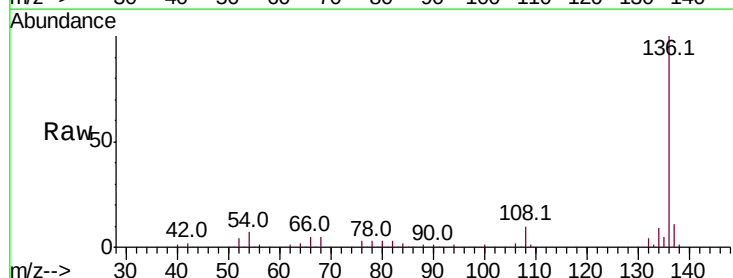
Instrument :
BNA_F
ClientSampleId :

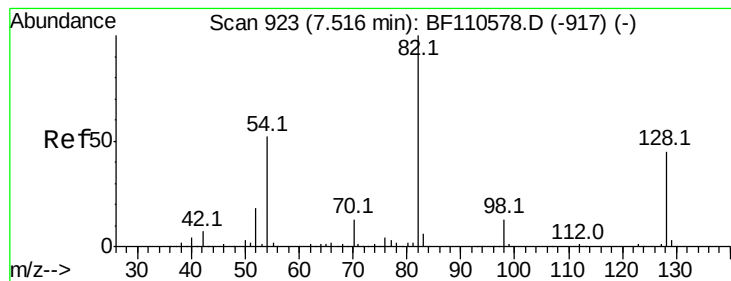
Tot Ion: 70 Resp: 71269
Ion Ratio Lower Upper
70 100
42 49.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:136 Resp: 308569
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.5 5.4 8.2
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 100.458 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110669.D

Acq: 10 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

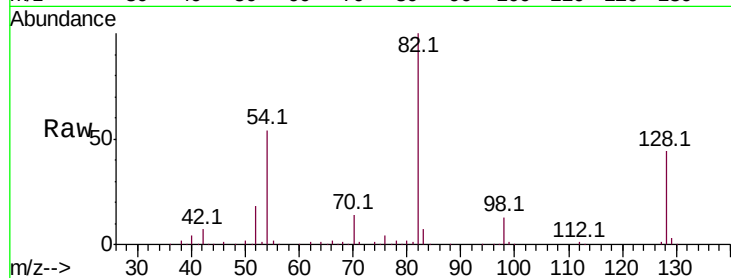
Tot Ion: 82 Resp: 538261

Ion Ratio Lower Upper

82 100

128 44.4 34.2 51.2

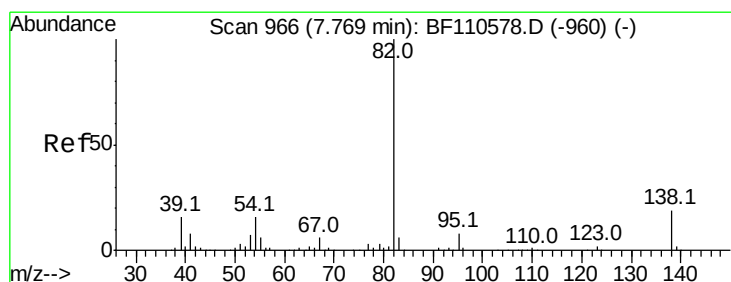
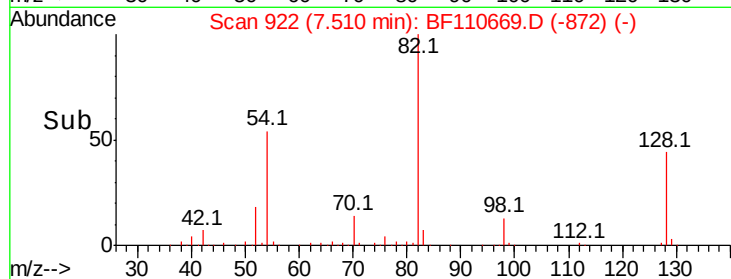
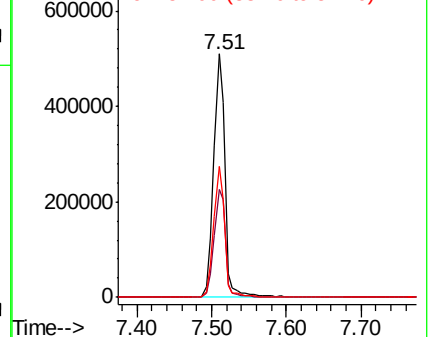
54 53.9 38.6 58.0



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: 61.291 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110669.D

Acq: 10 Nov 2018 10:44

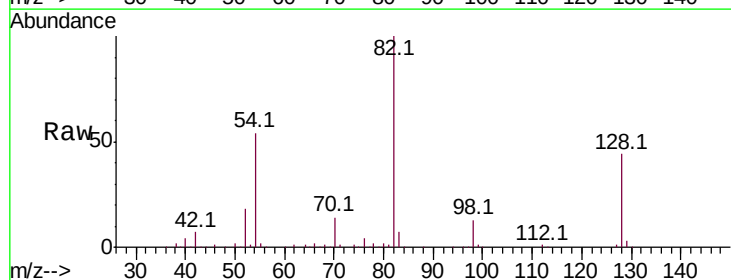
Tgt Ion: 82 Resp: 538257

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

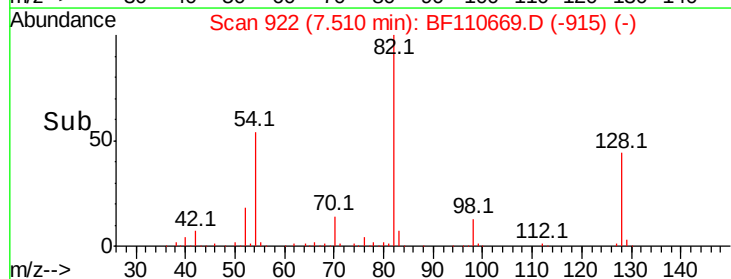
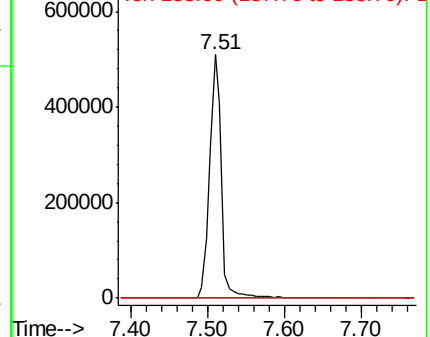
138 0.0 13.2 19.8#

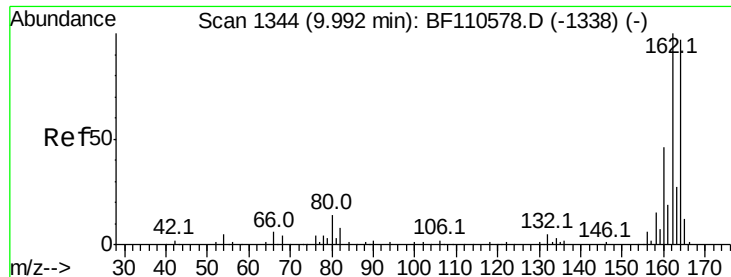


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

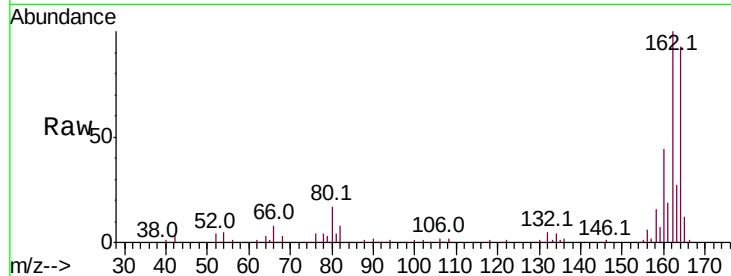




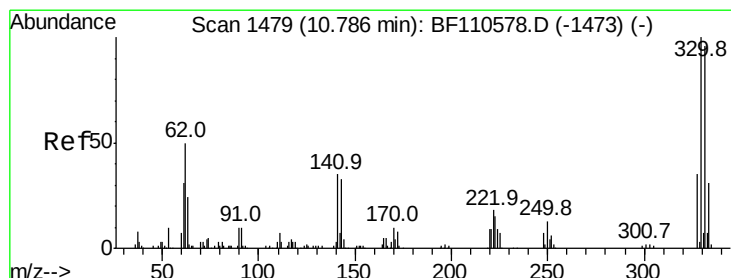
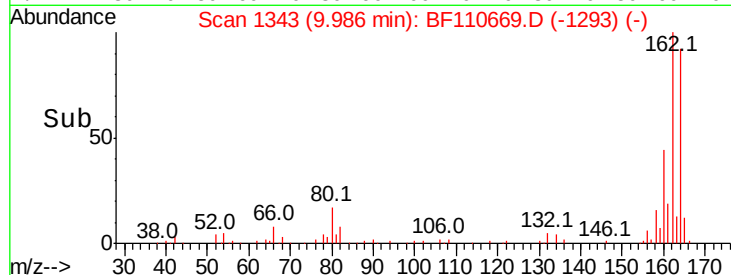
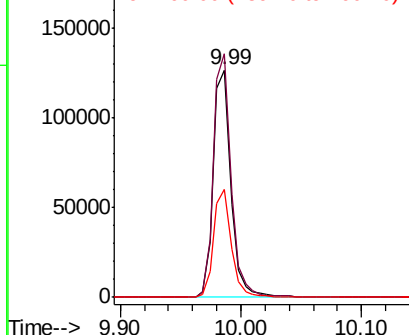
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 127154
Ion Ratio Lower Upper
164 100
162 107.1 83.0 124.6
160 47.5 37.0 55.6

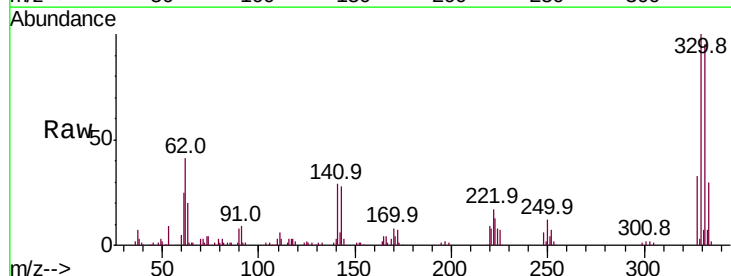


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

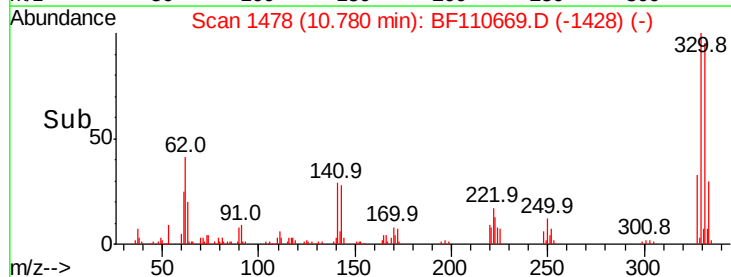
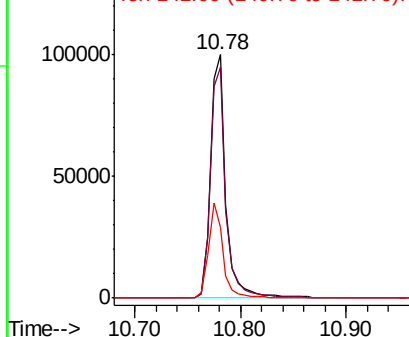


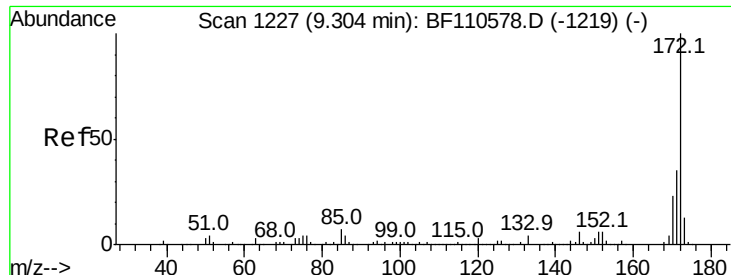
#42
2,4,6-Tribromophenol
Concen: 79.574 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:330 Resp: 101953
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 36.8 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



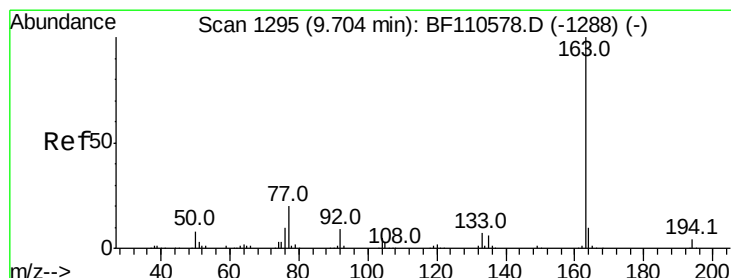
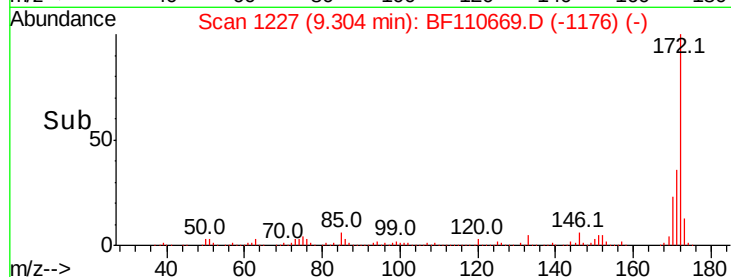
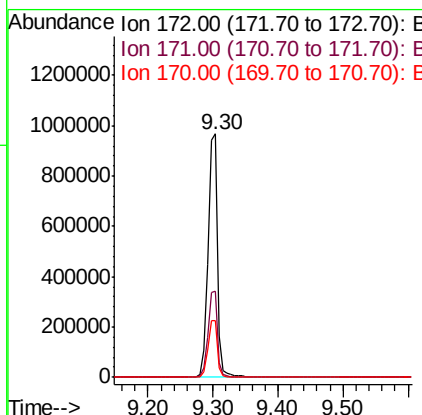
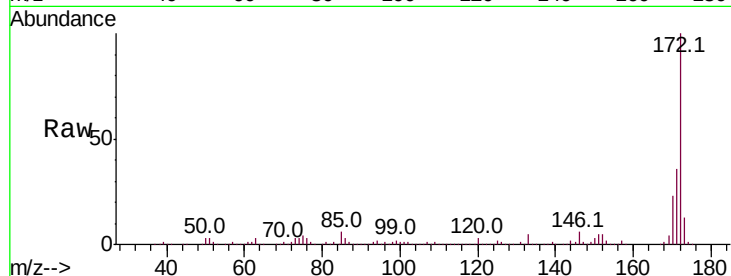


#45
 2-Fluorobiphenyl
 Concen: 108.854 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF110669.D
 Acq: 10 Nov 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 969153

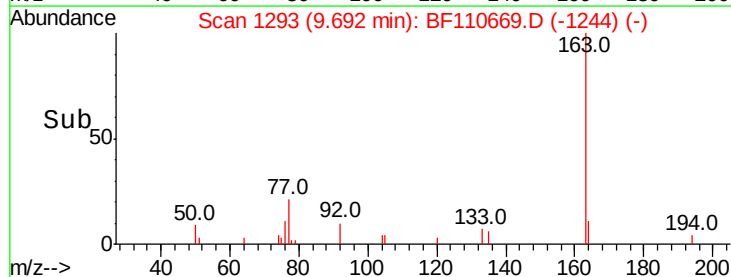
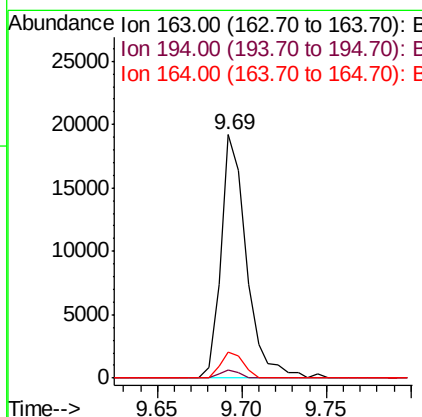
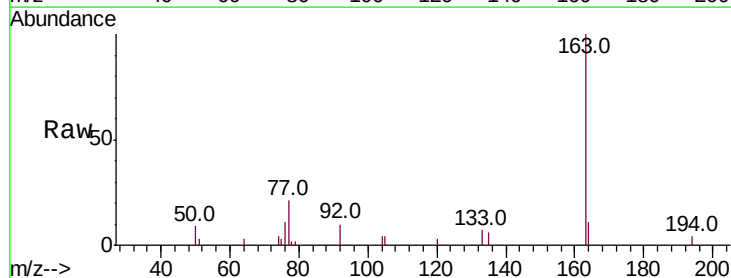
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.2	19.7	29.5

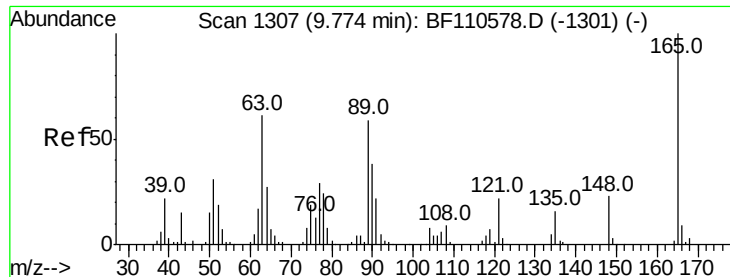


#50
 Dimethylphthalate
 Concen: 2.130 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110669.D
 Acq: 10 Nov 2018 10:44

Tgt Ion:163 Resp: 20212

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.6	8.1	12.1

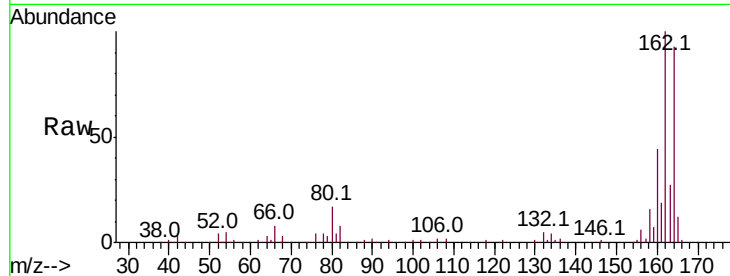




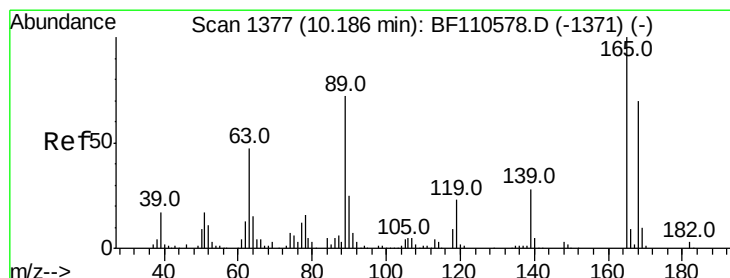
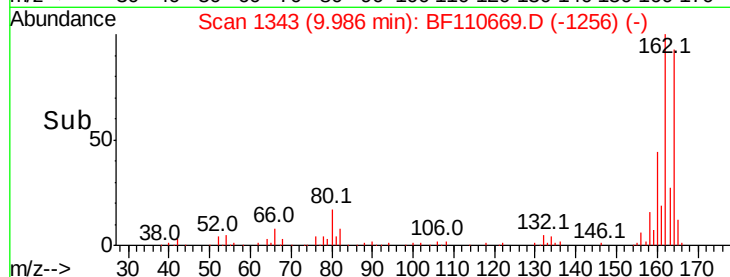
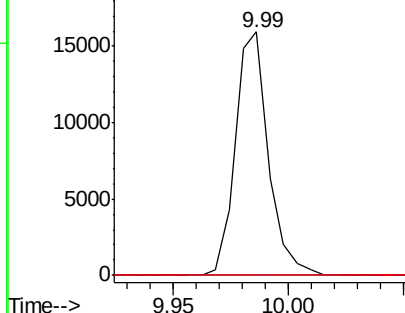
#51
 2,6-Dinitrotoluene
 Concen: 7.623 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110669.D
 Acq: 10 Nov 2018 10:44

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#



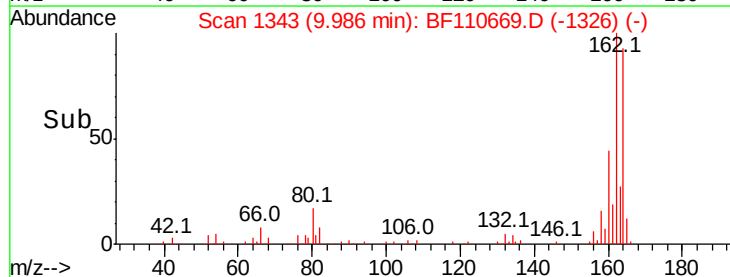
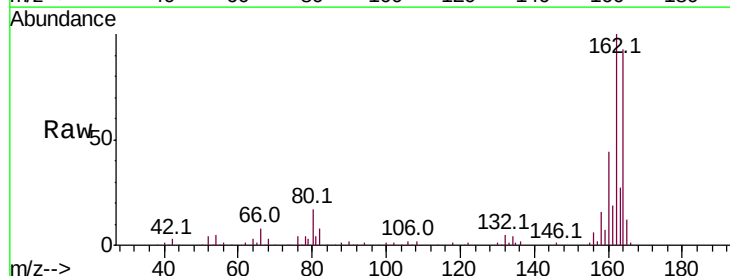
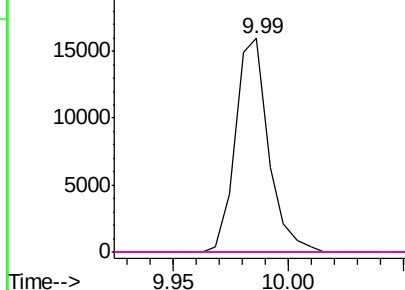
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

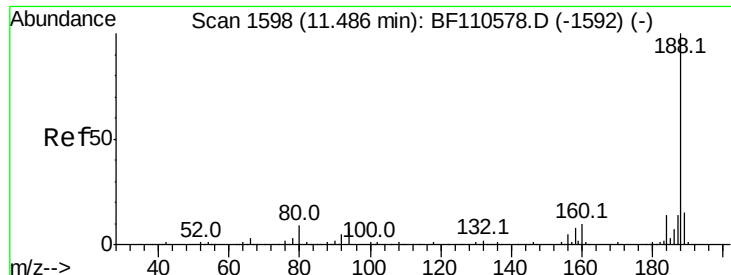


#57
 2,4-Dinitrotoluene
 Concen: 5.863 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110669.D
 Acq: 10 Nov 2018 10:44

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

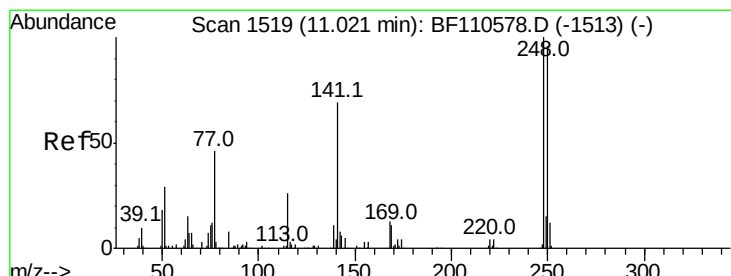
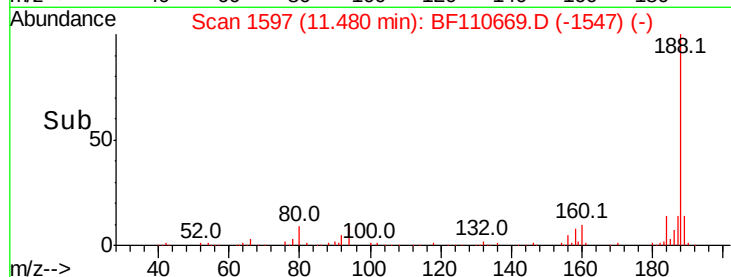
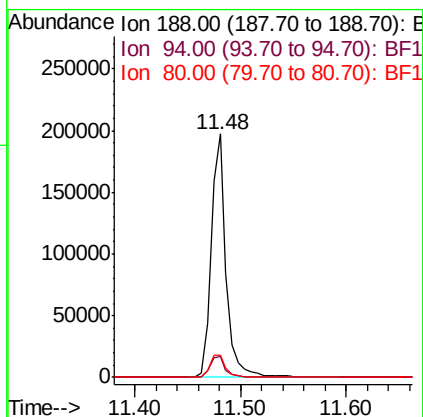
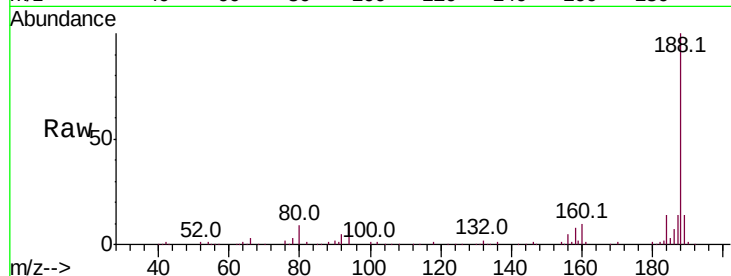




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

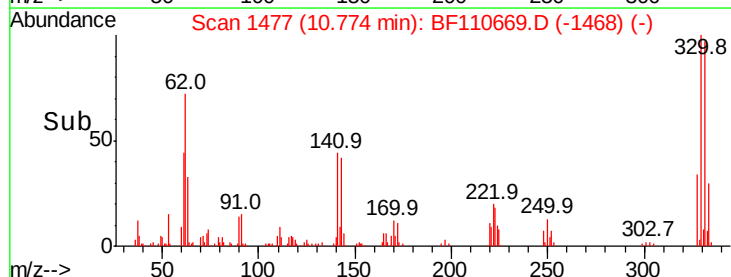
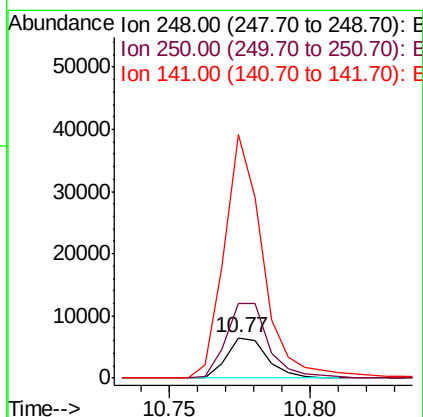
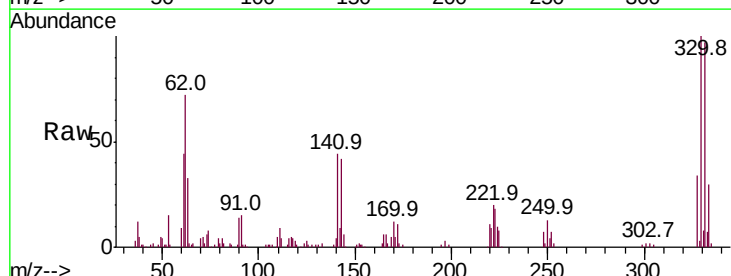
Instrument :
BNA_F
ClientSampled :

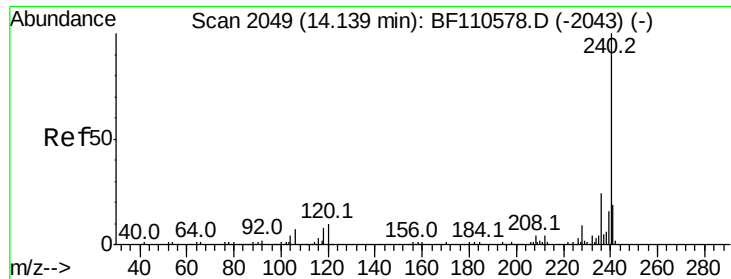
Tot Ion:188 Resp: 194065
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.042 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110669.D
Acq: 10 Nov 2018 10:44

Tgt Ion:248 Resp: 6524
Ion Ratio Lower Upper
248 100
250 185.8 79.4 119.2#
141 602.8 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: BF110669.D

Acq: 10 Nov 2018 10:44

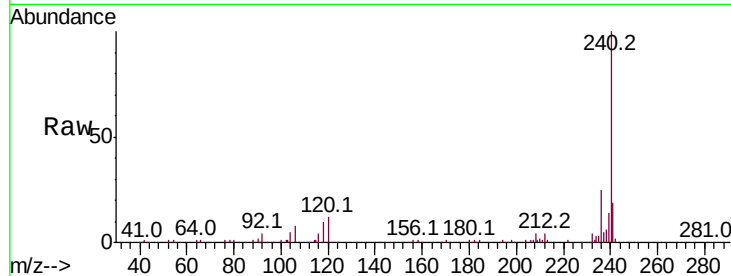
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 145297

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.1	21.2	31.8

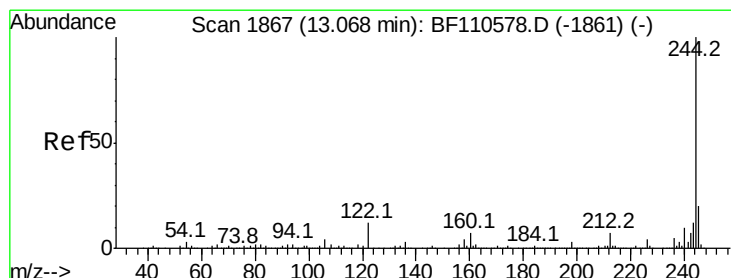
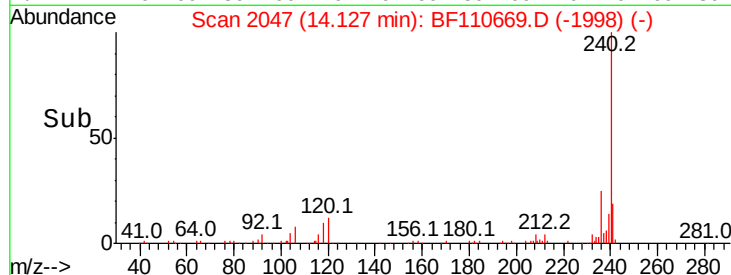
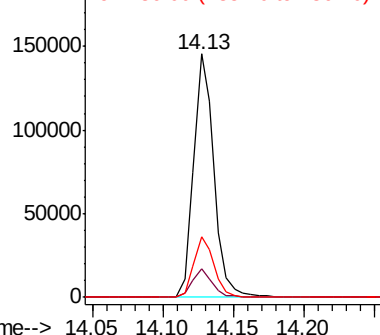


Abundance

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: 74.787 ng

RT: 13.06 min Scan# 1866

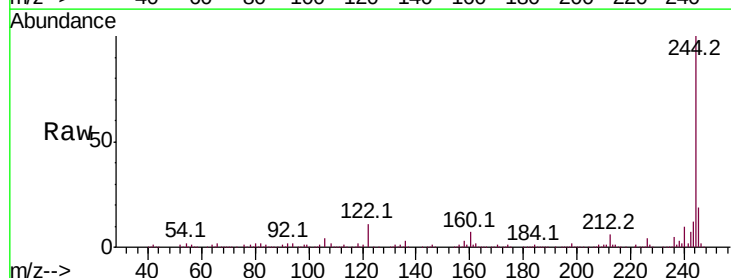
Delta R.T. -0.01 min

Lab File: BF110669.D

Acq: 10 Nov 2018 10:44

Tgt Ion:244 Resp: 580232

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.0	8.7	13.1

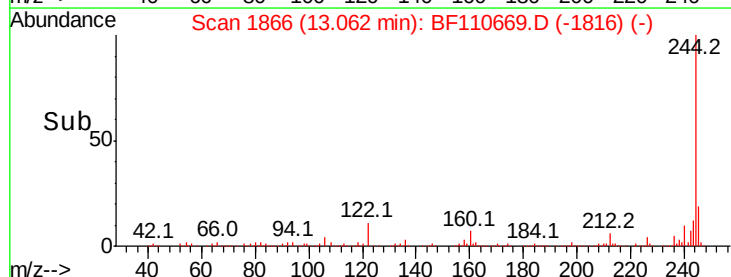
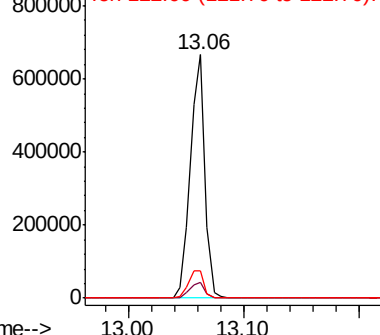


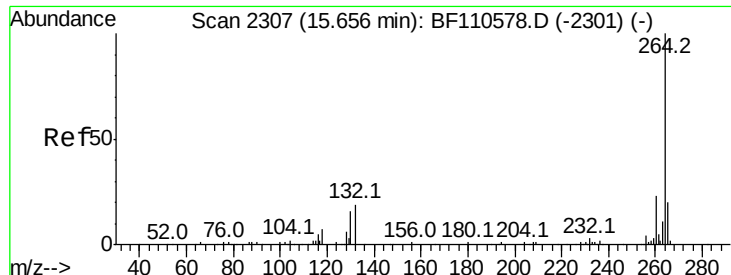
Abundance

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

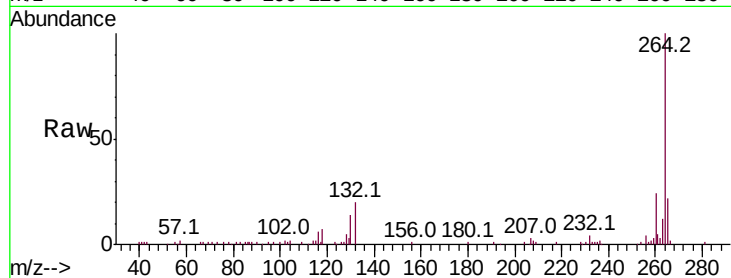




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.65 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BF110669.D
 Acq: 10 Nov 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	104525
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
 100000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

