

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118803.D
 Acq On : 4 Feb 2020 15:54
 Operator : CG/JU
 Sample : PB126458BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 17:10:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

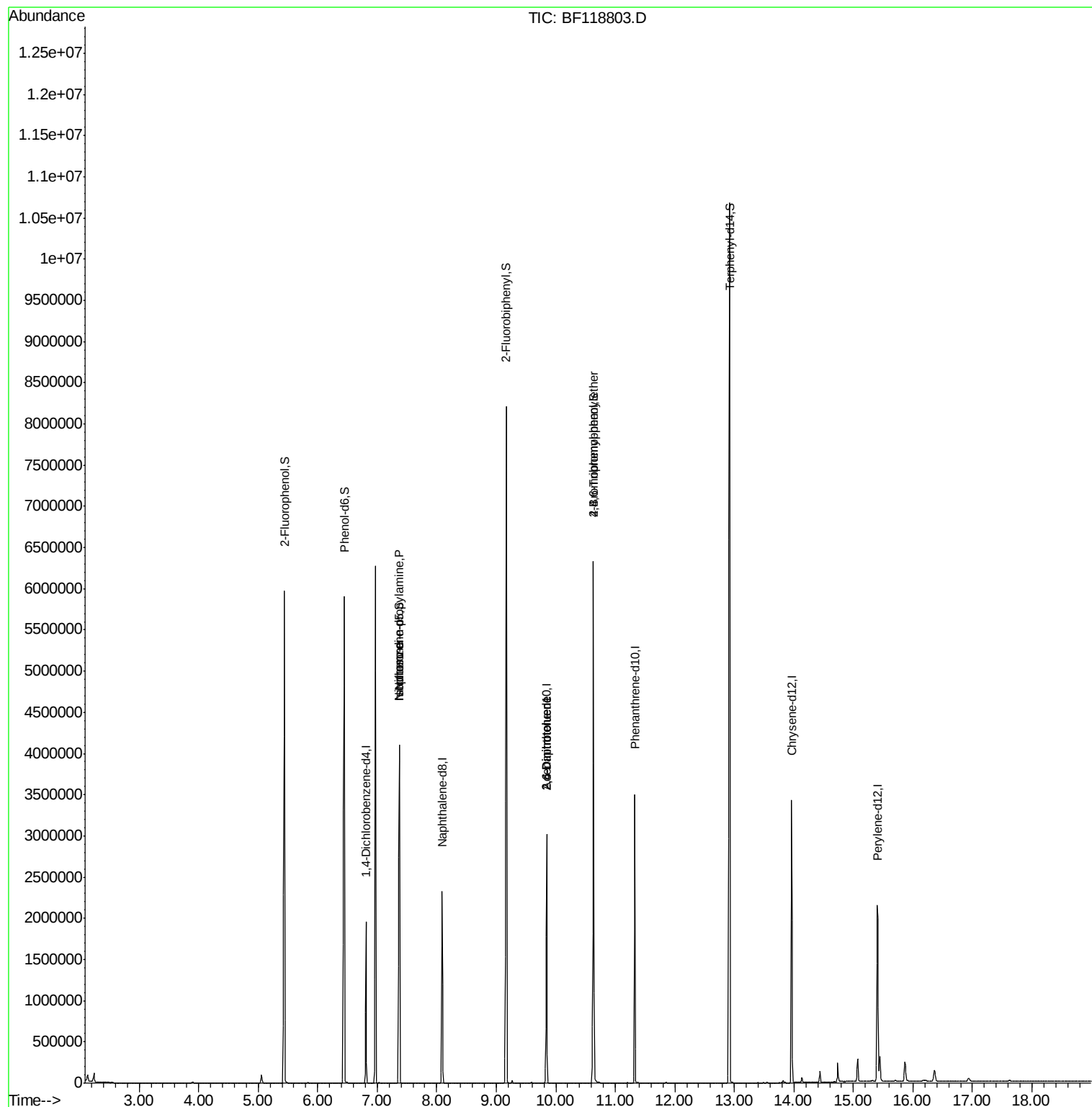
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	285835	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1108244	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	655939	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1296120	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	1091712	20.00	ng	-0.02
87) Perylene-d12	15.40	264	1044159	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2027634	134.28	ng	0.00
7) Phenol-d6	6.45	99	2499718	133.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	1641739	88.30	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	1070137	136.35	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3335331	90.90	ng	-0.01
79) Terphenyl-d14	12.92	244	4513710	84.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	3943	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	224629	19.586 ng	#	75
25) Isophorone	7.37	82	1638886	49.045 ng	#	63
51) 2,6-Dinitrotoluene	9.85	165	84749	8.293 ng	#	31
57) 2,4-Dinitrotoluene	9.85	165	84749	6.266 ng	#	34
67) 4-Bromophenyl-phenylether	10.64	248	67970	4.433 ng	#	1

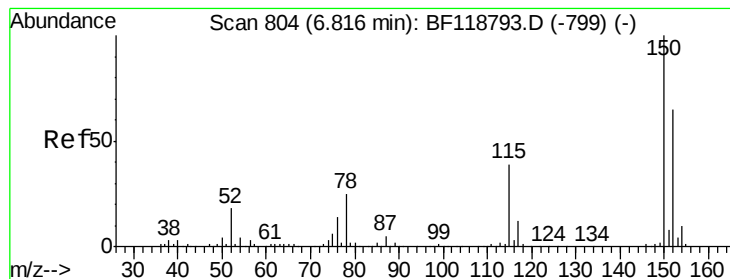
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Feb 04 17:10:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



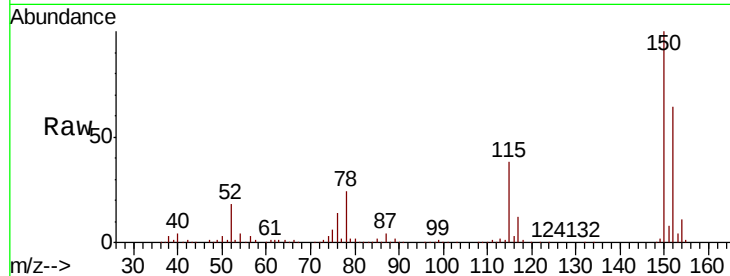


#1

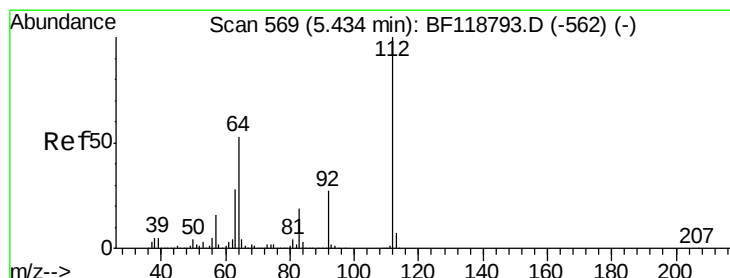
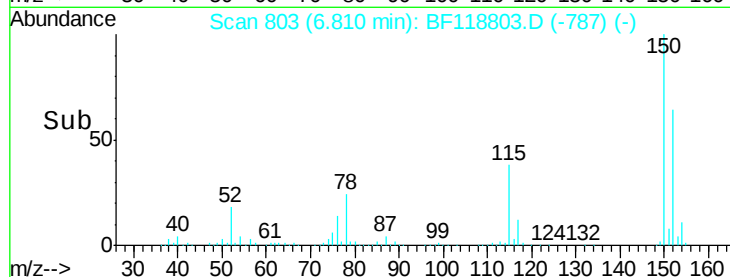
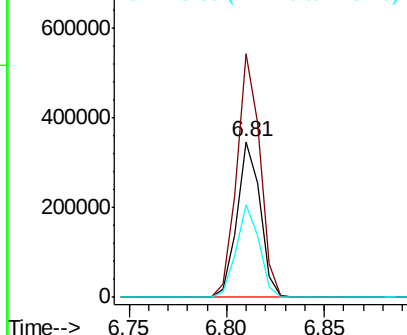
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118803.D
Acq: 4 Feb 2020 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 285835
Ion Ratio Lower Upper
152 100
150 156.1 123.6 185.4
115 59.6 48.2 72.2



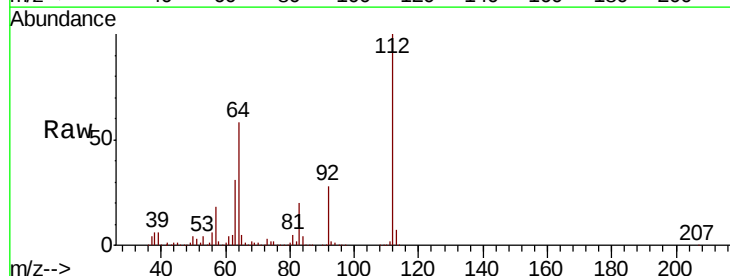
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



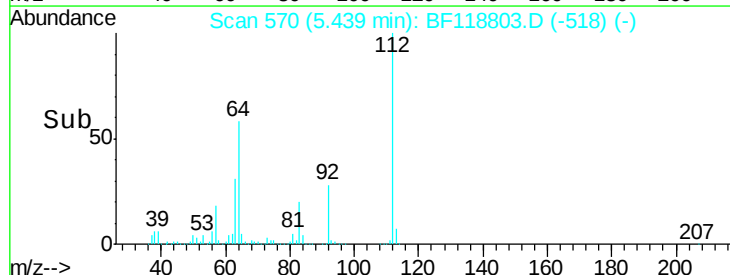
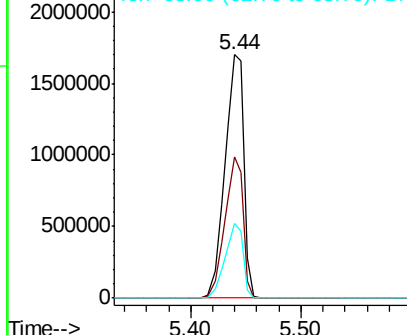
#5

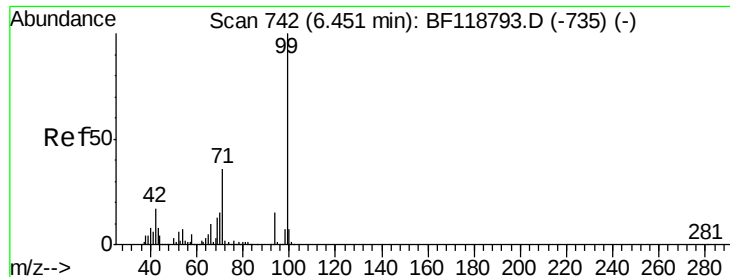
2-Fluorophenol
Concen: 134.279 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118803.D
Acq: 4 Feb 2020 15:54

Tgt Ion:112 Resp: 2027634
Ion Ratio Lower Upper
112 100
64 57.9 42.6 63.8
63 30.9 22.2 33.4



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: 133.356 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

Instrument :

BNA_F

ClientSampled :

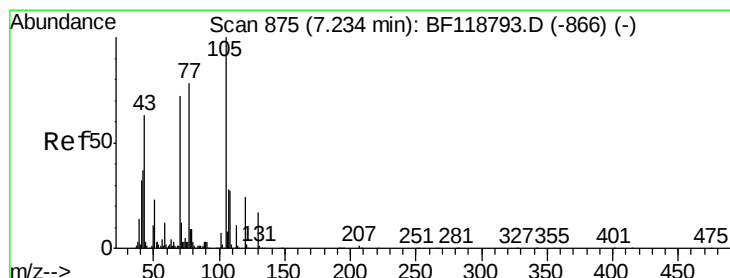
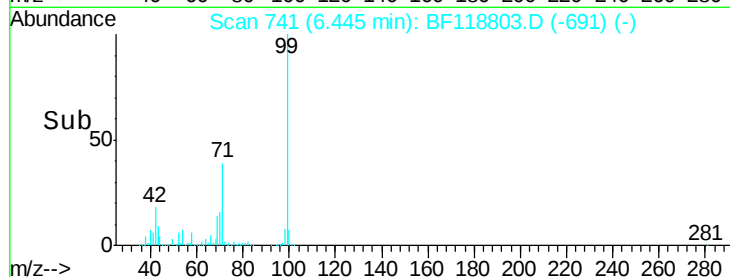
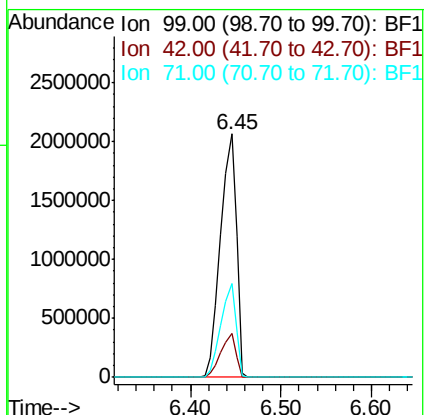
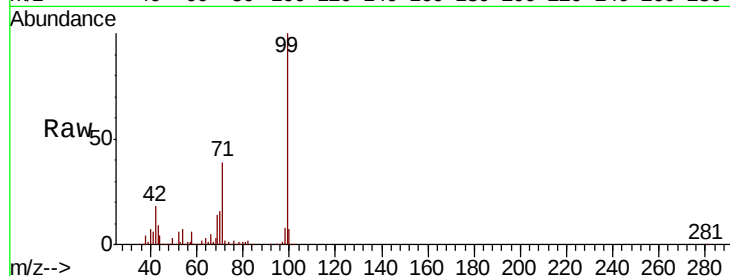
Tot Ion: 99 Resp: 2499718

Ion Ratio Lower Upper

99 100

42 17.9 13.4 20.0

71 38.6 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.586 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

Tgt Ion: 70 Resp: 224629

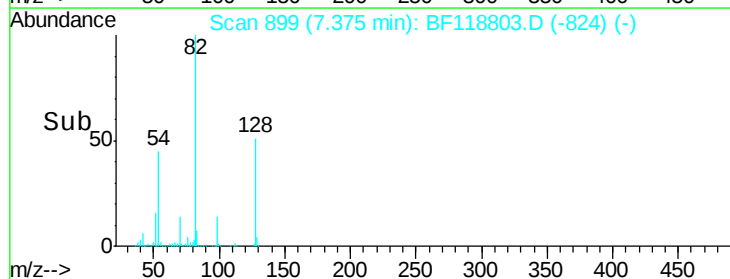
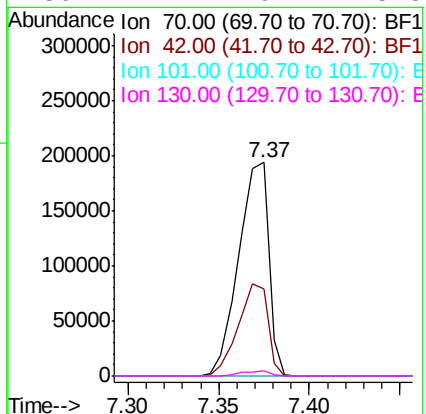
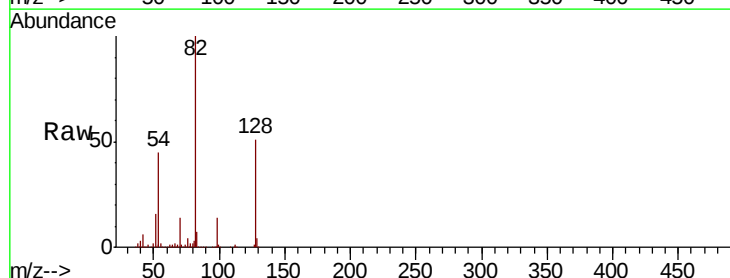
Ion Ratio Lower Upper

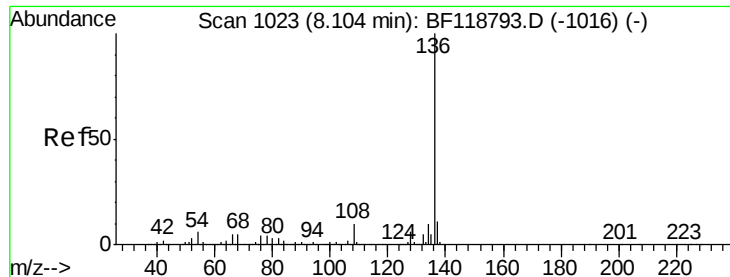
70 100

42 40.6 41.5 62.3#

101 0.0 8.3 12.5#

130 2.4 19.2 28.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1108244

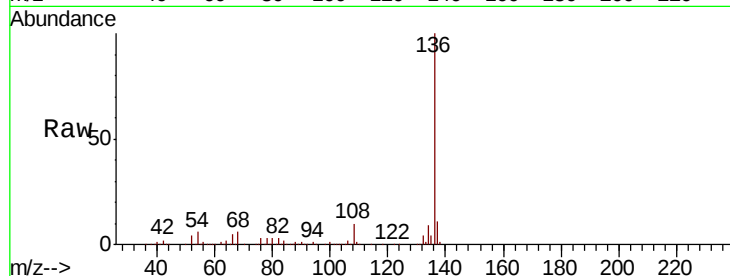
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.4 5.0 7.6

68 5.6 4.2 6.4

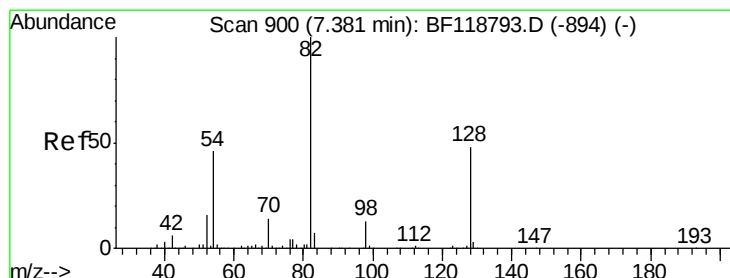
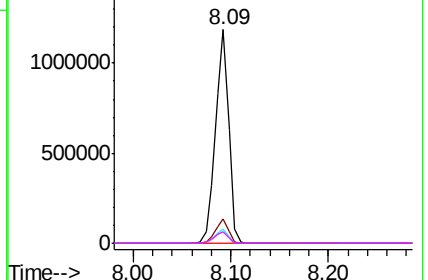
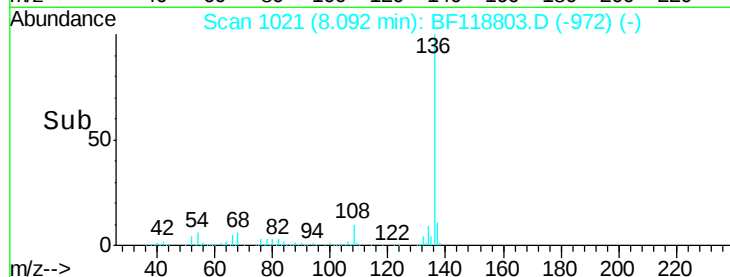


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.298 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

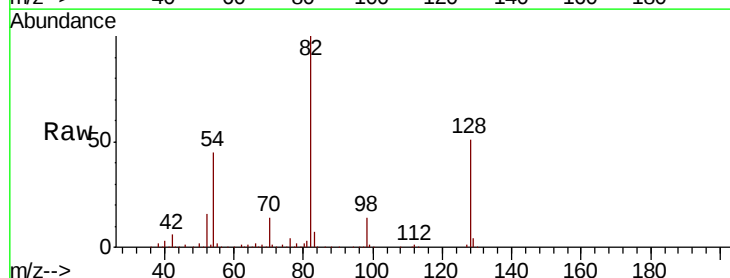
Tgt Ion: 82 Resp: 1641739

Ion Ratio Lower Upper

82 100

128 50.6 38.5 57.7

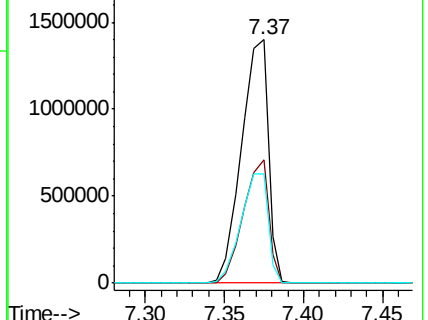
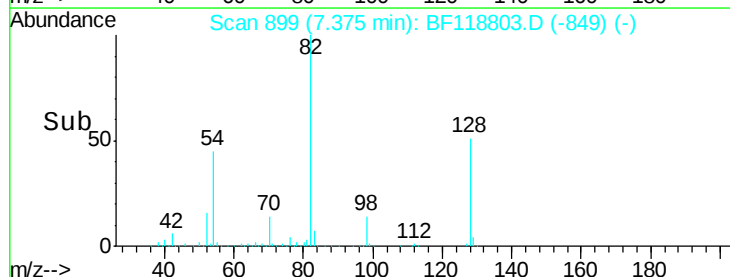
54 44.9 36.7 55.1

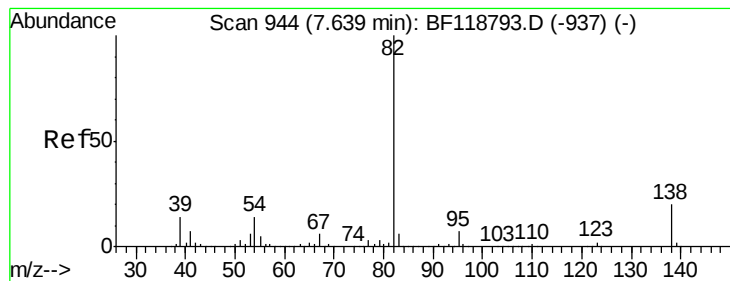


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.045 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

Instrument :

BNA_F

ClientSampleId :

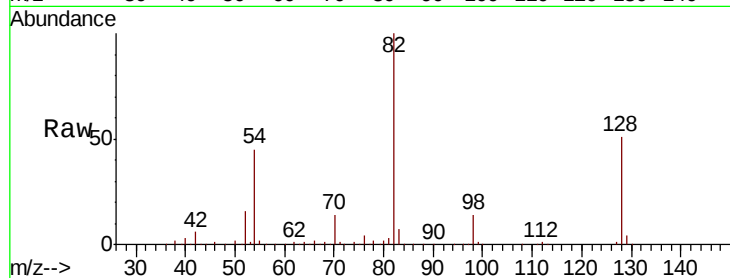
Tot Ion: 82 Resp: 1638886

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

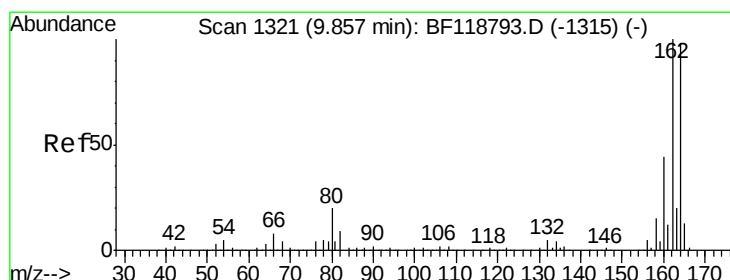
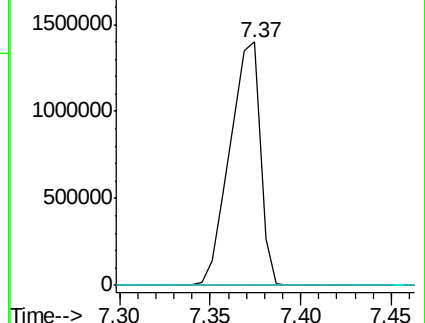
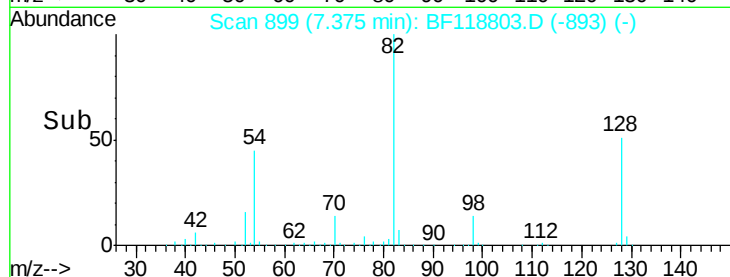
138 0.0 15.7 23.5#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

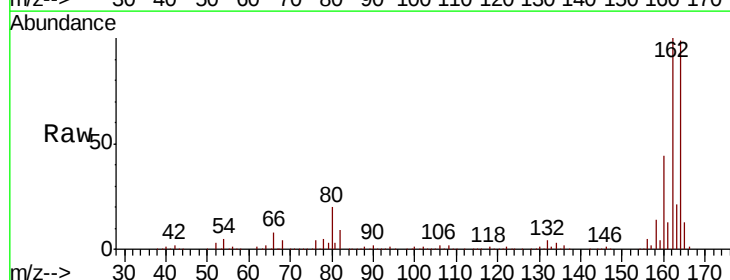
Tgt Ion:164 Resp: 655939

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.2

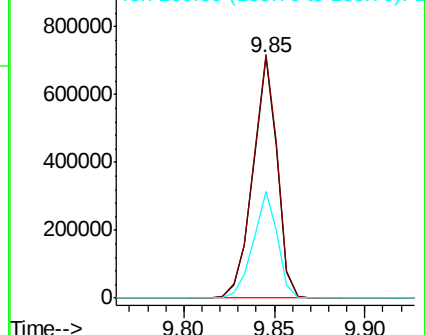
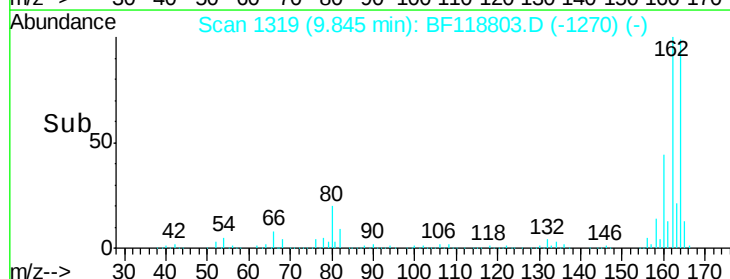
160 44.4 35.6 53.4

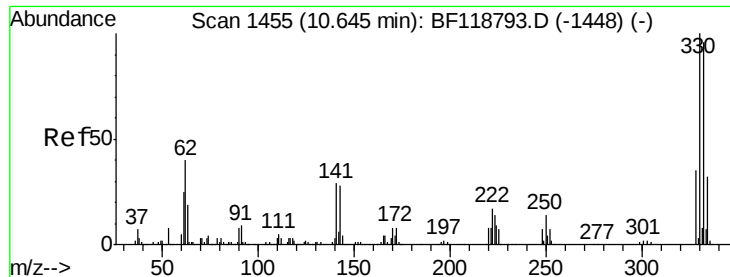


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



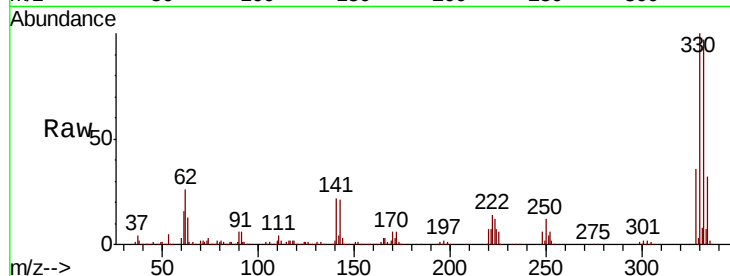


#42
 2,4,6-Tribromophenol
 Concen: 136.349 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

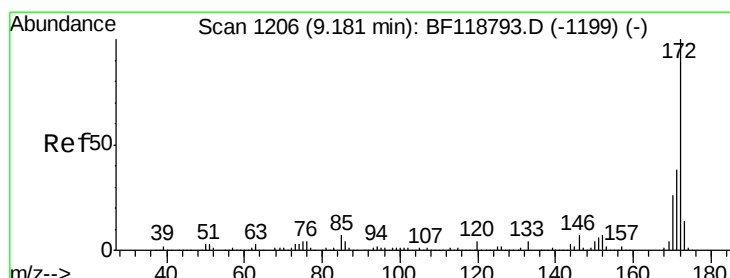
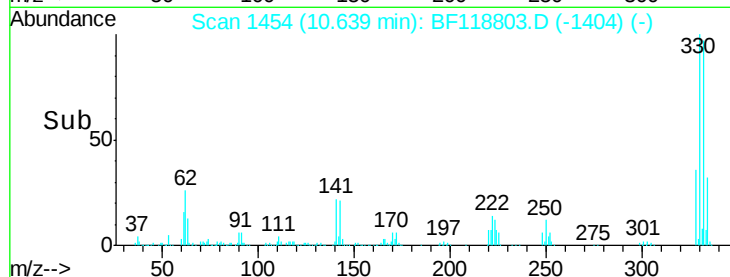
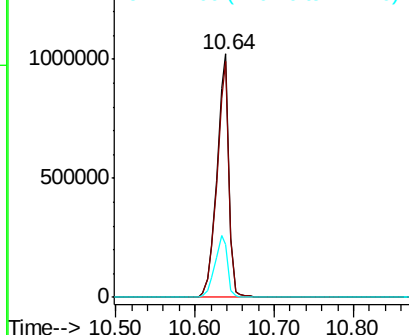
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1070137

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	27.1	22.4	33.6



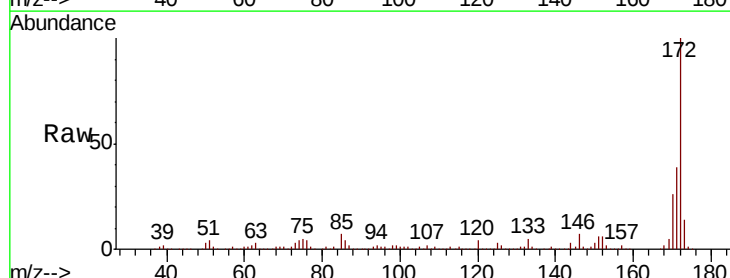
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



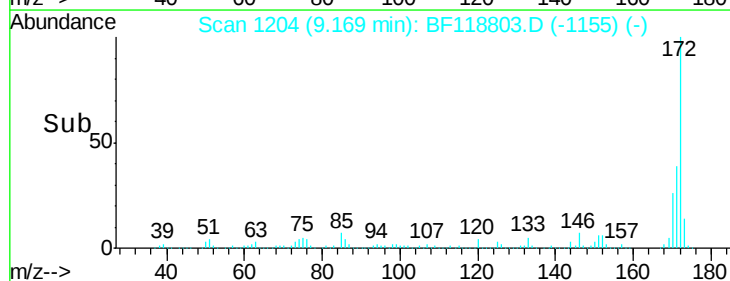
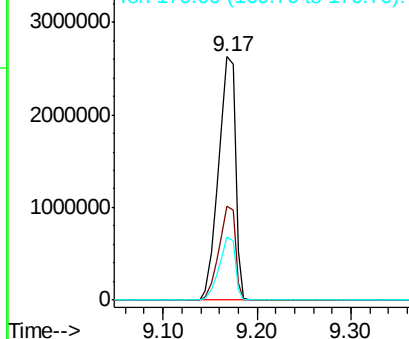
#45
 2-Fluorobiphenyl
 Concen: 90.901 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

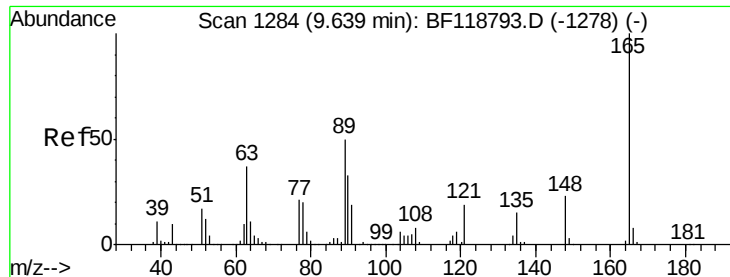
Tgt Ion:172 Resp: 3335331

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	25.7	20.5	30.7



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

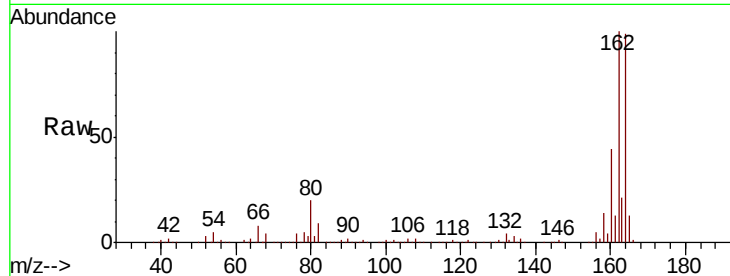




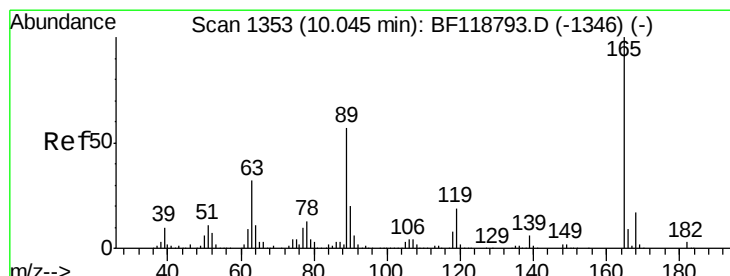
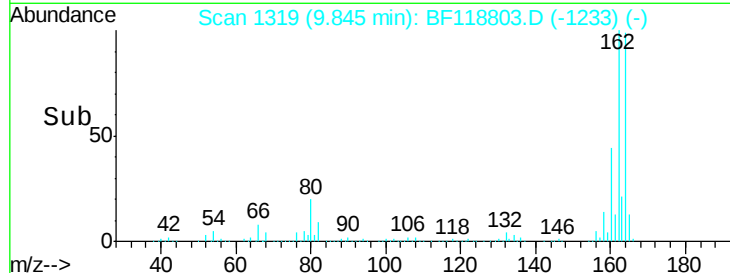
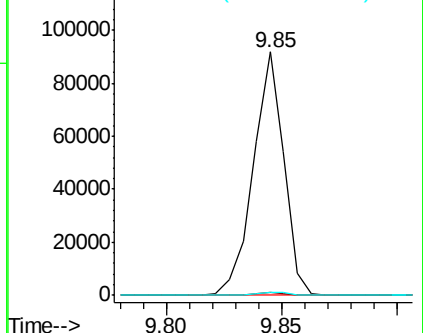
#51
 2,6-Dinitrotoluene
 Concen: 8.293 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.4	56.0#
89	1.4	39.7	59.5#



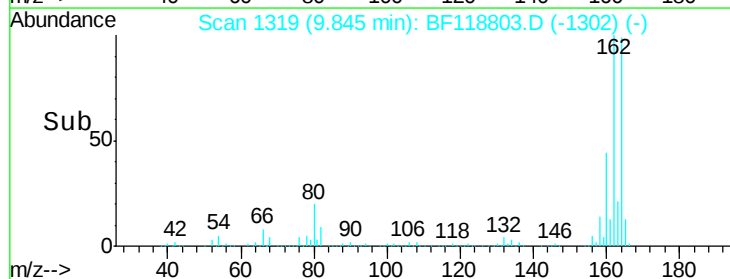
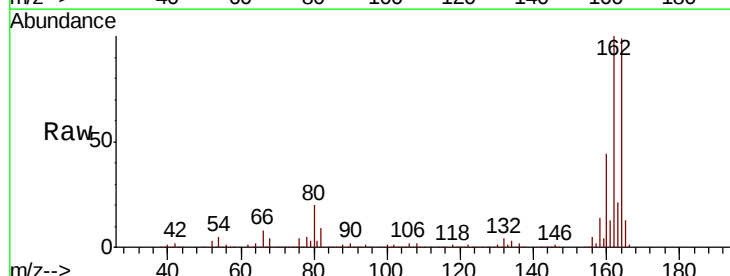
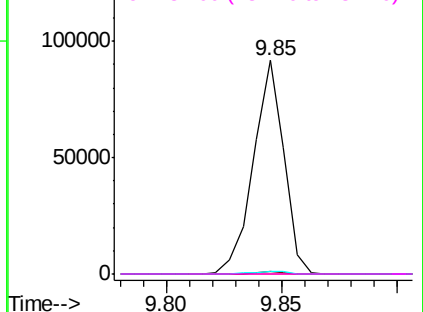
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

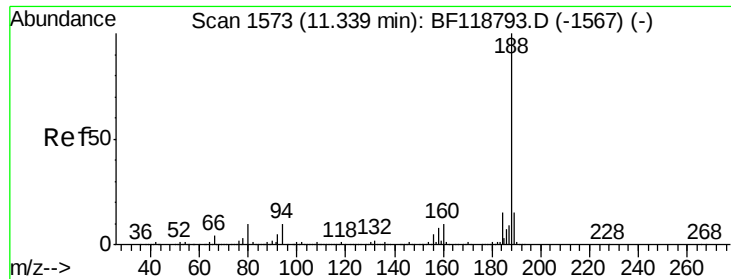


#57
 2,4-Dinitrotoluene
 Concen: 6.266 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.4	45.4	68.0#
182	0.0	2.4	3.6#

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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

Instrument :

BNA_F

ClientSampleId :

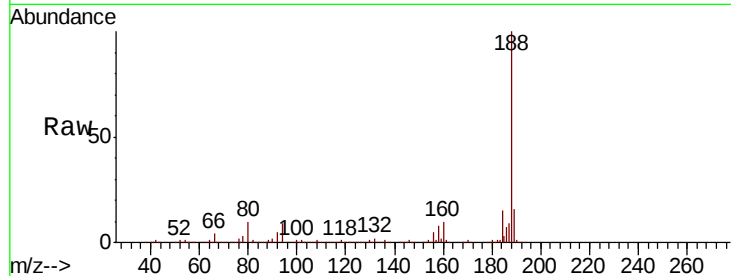
Tot Ion:188 Resp: 1296120

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

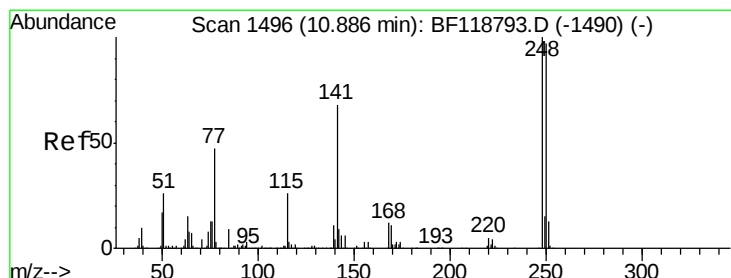
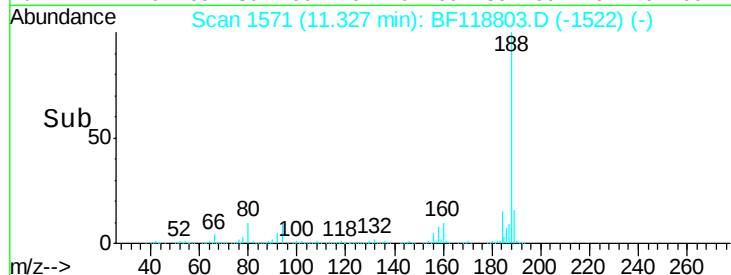
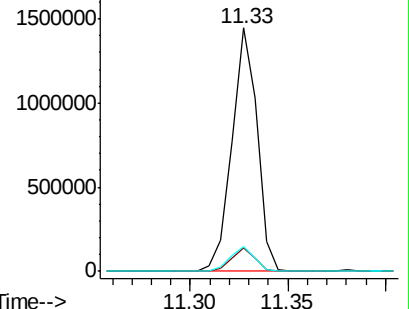
80 10.3 8.4 12.6



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: 4.433 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.25 min

Lab File: BF118803.D

Acq: 4 Feb 2020 15:54

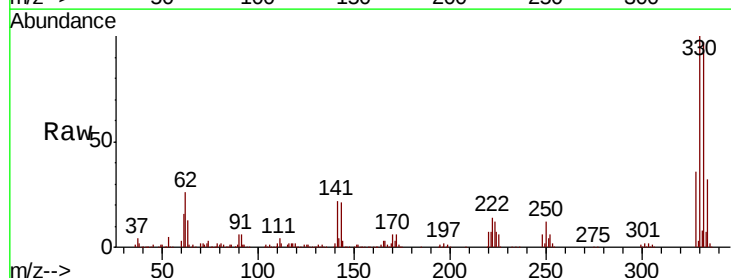
Tgt Ion:248 Resp: 67970

Ion Ratio Lower Upper

248 100

250 196.0 77.6 116.4#

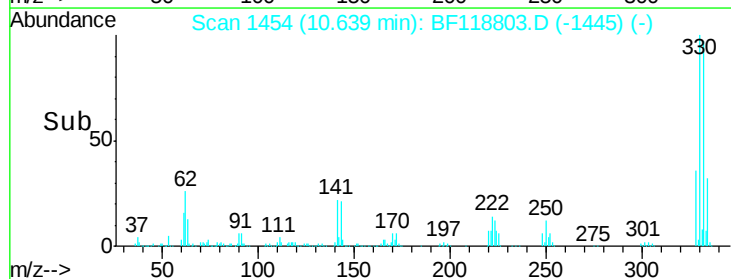
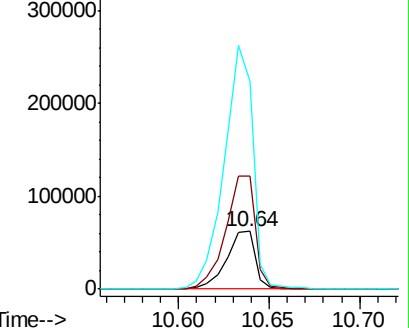
141 359.8 54.4 81.6#

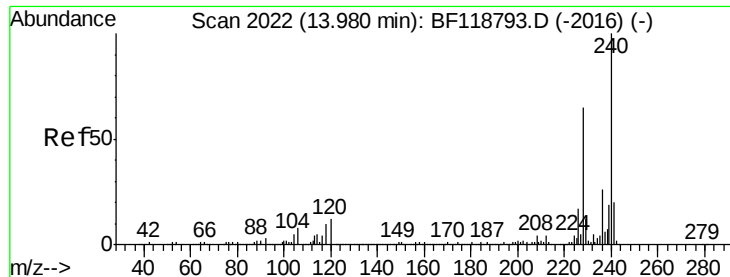


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

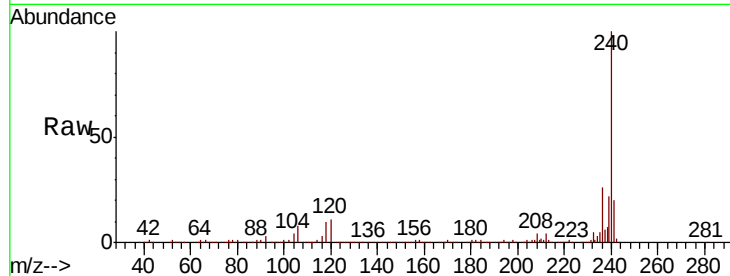




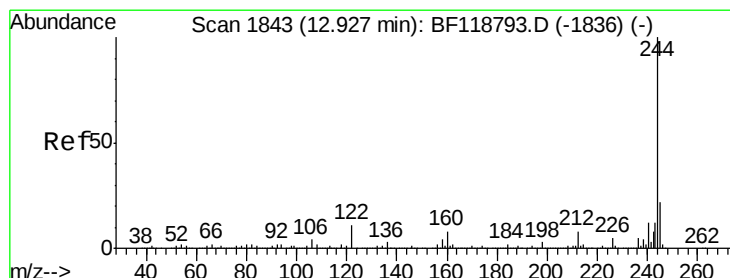
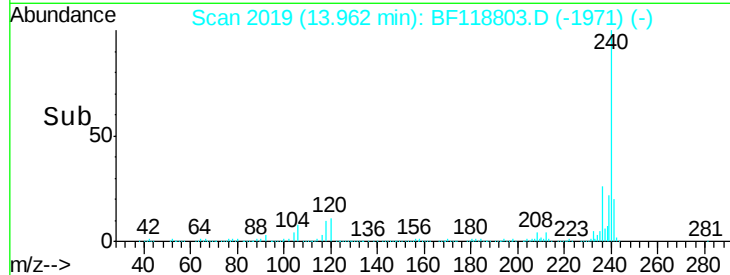
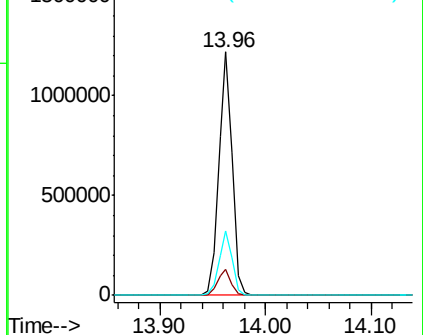
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 1091712
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.4 14.0
 236 26.4 21.0 31.6

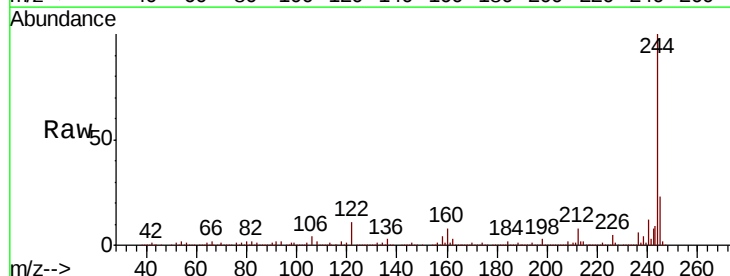


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

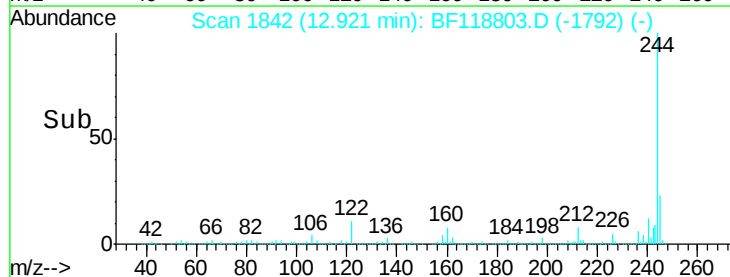
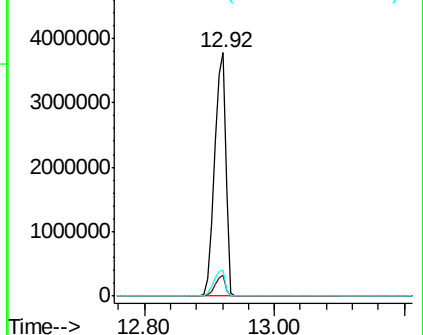


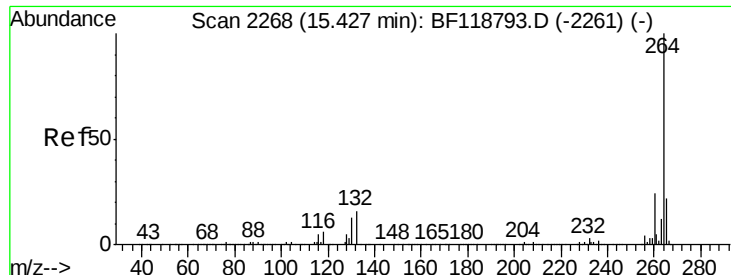
#79
 Terphenyl-d14
 Concen: 84.925 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF118803.D
 Acq: 4 Feb 2020 15:54

Tgt Ion:244 Resp: 4513710
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 10.6 8.9 13.3



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



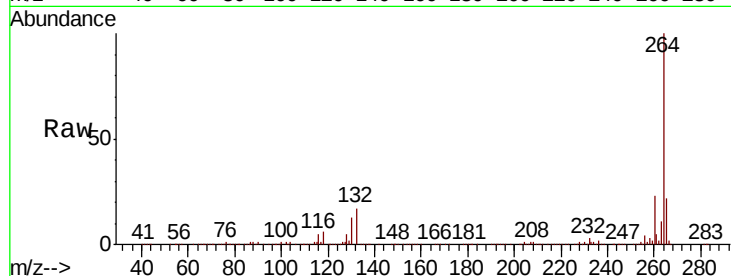


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118803.D
Acq: 4 Feb 2020 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1044159

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.9	17.2	25.8



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

