

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118812.D
 Acq On : 4 Feb 2020 20:17
 Operator : CG/JU
 Sample : PB126588BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 06:34:03 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

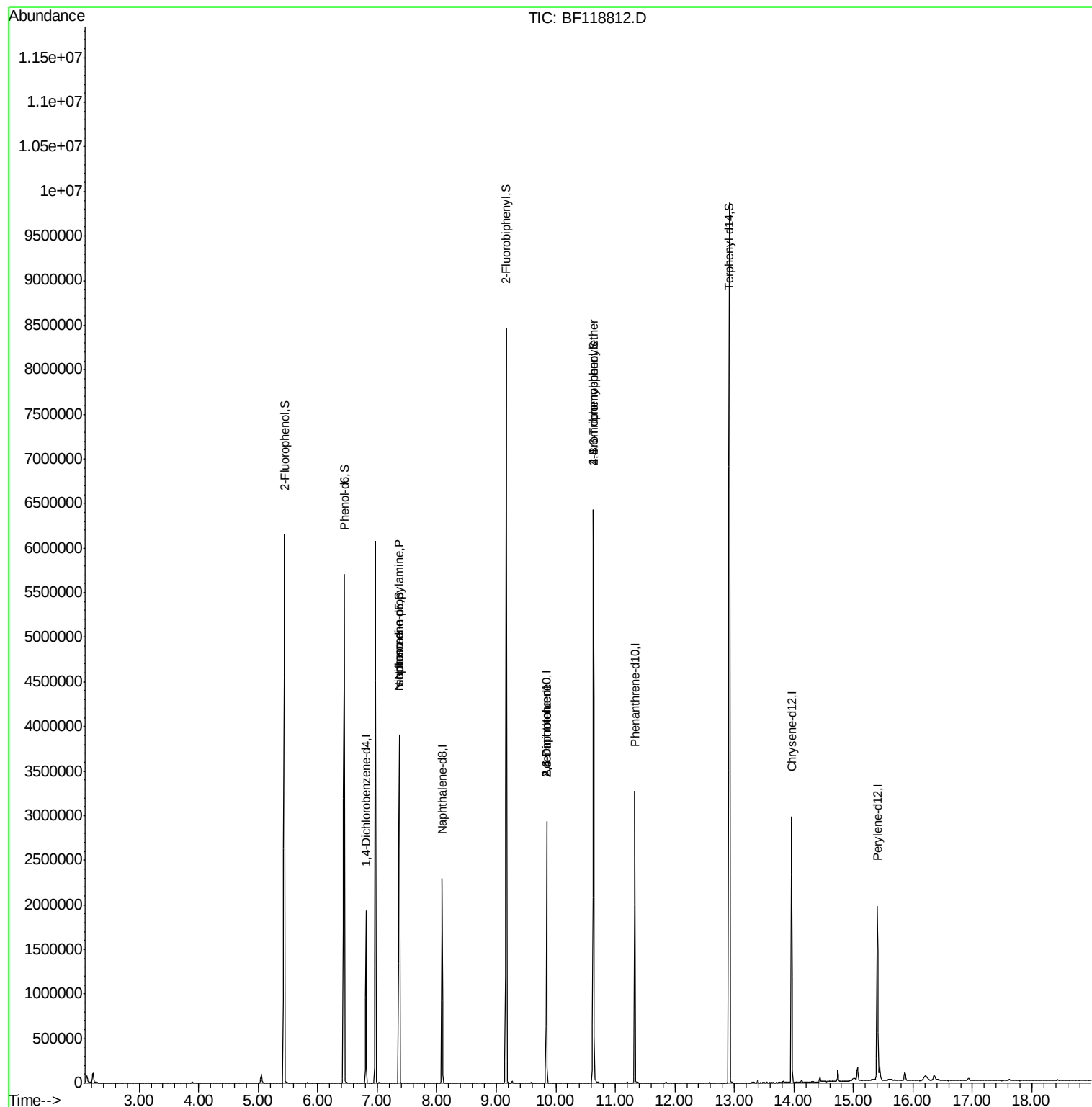
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	274462	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1038882	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	600919	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1167284	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	961980	20.00	ng	-0.02
87) Perylene-d12	15.40	264	904437	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1951525	134.59	ng	0.00
7) Phenol-d6	6.45	99	2348828	130.50	ng	0.00
23) Nitrobenzene-d5	7.37	82	1555022	89.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	988509	137.48	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	3091740	91.98	ng	-0.01
79) Terphenyl-d14	12.92	244	4182214	89.30	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.45	77	3920	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	216054	19.619 ng	#	1
25) Isophorone	7.37	82	1552254	49.554 ng	#	76
51) 2,6-Dinitrotoluene	9.85	165	78748	8.411 ng	#	63
57) 2,4-Dinitrotoluene	9.85	165	78748	6.356 ng	#	30
67) 4-Bromophenyl-phenylether	10.63	248	65154	4.718 ng	#	34
					#	1

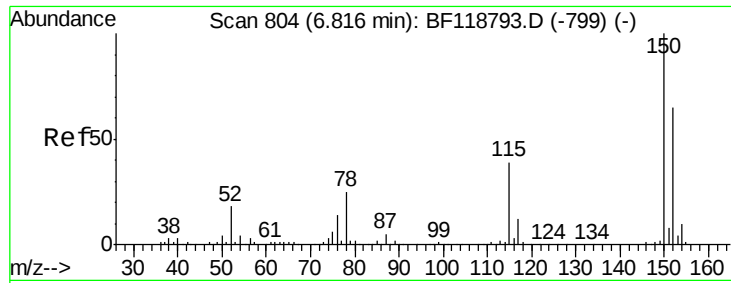
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 05 06:34:03 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



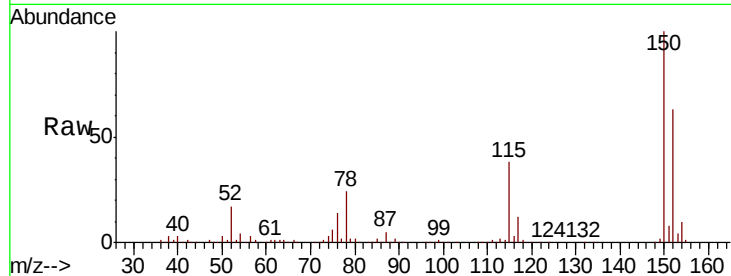


#1

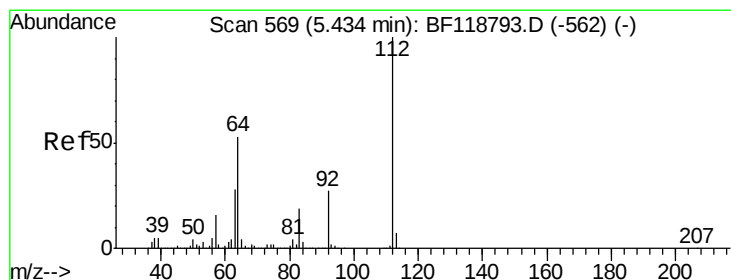
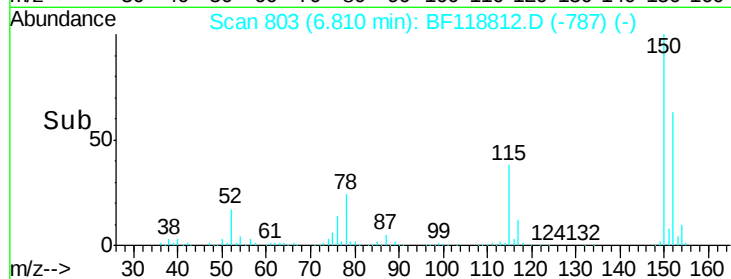
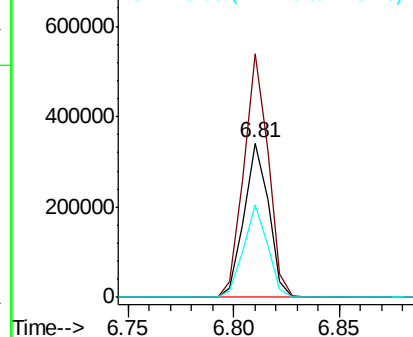
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 274462
 Ion Ratio Lower Upper
 152 100
 150 157.7 123.6 185.4
 115 59.8 48.2 72.2



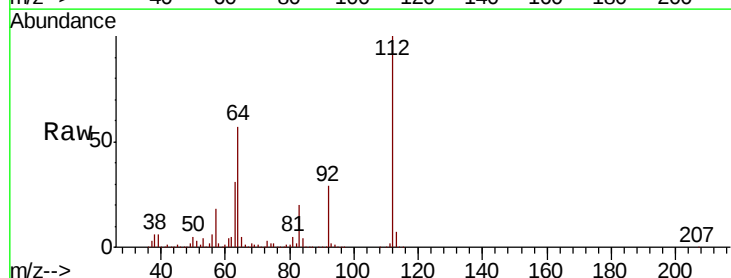
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



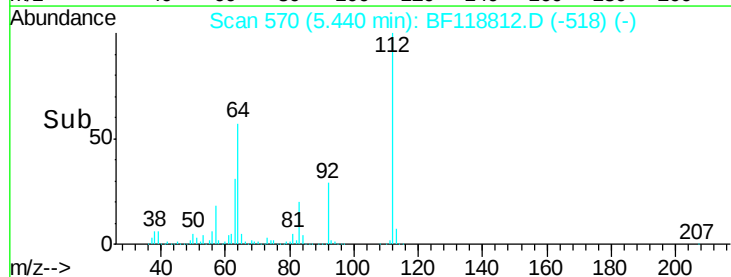
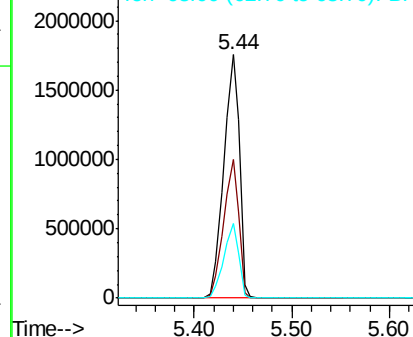
#5

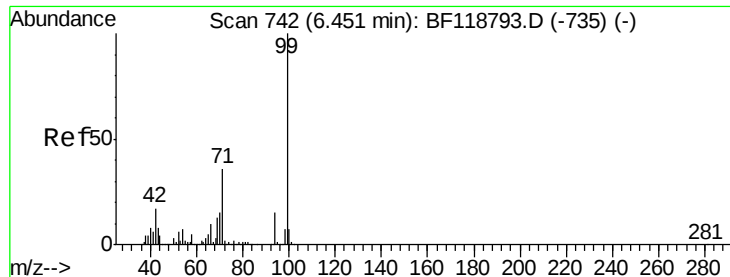
2-Fluorophenol
 Concen: 134.594 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Tgt Ion:112 Resp: 1951525
 Ion Ratio Lower Upper
 112 100
 64 56.8 42.6 63.8
 63 30.8 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: 130.499 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

Instrument :

BNA_G

ClientSampleId :

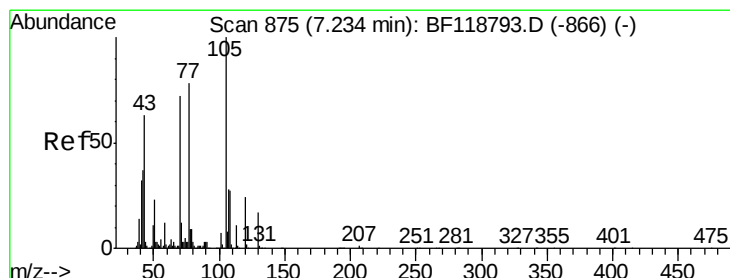
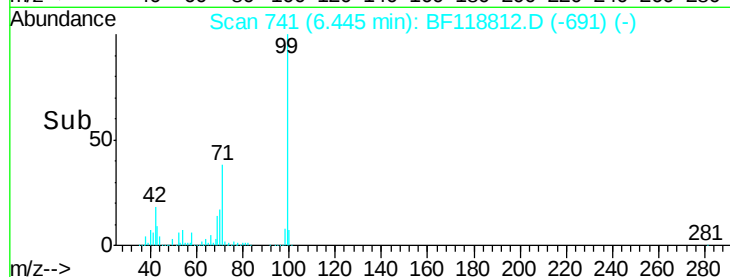
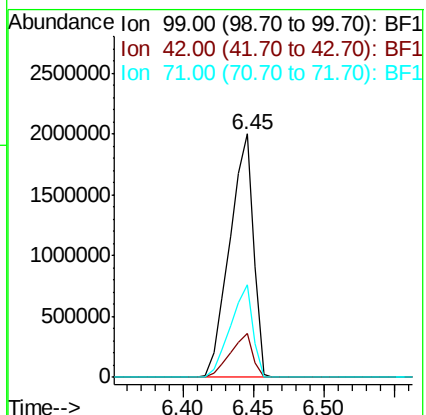
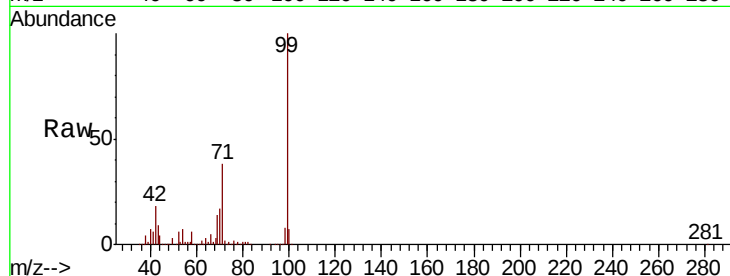
Tot Ion: 99 Resp: 2348828

Ion Ratio Lower Upper

99 100

42 17.8 13.4 20.0

71 38.1 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.619 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

Tgt Ion: 70 Resp: 216054

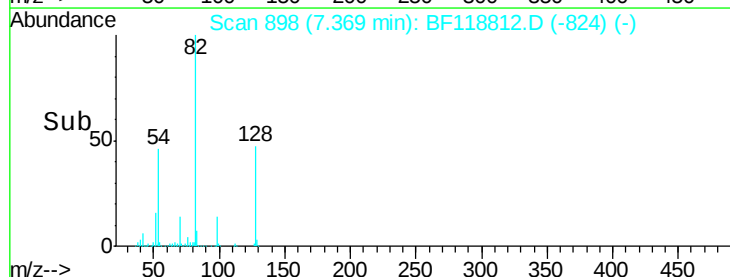
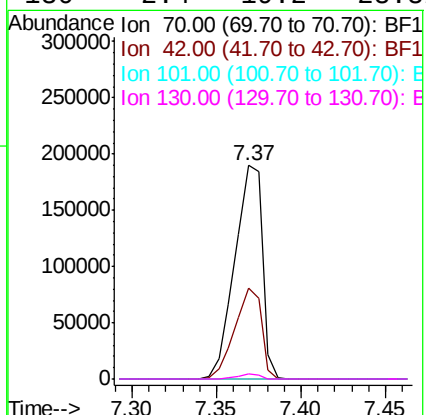
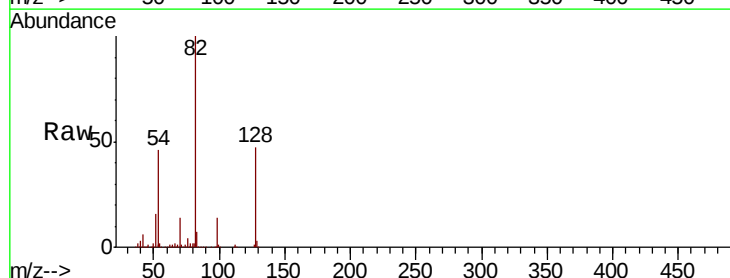
Ion Ratio Lower Upper

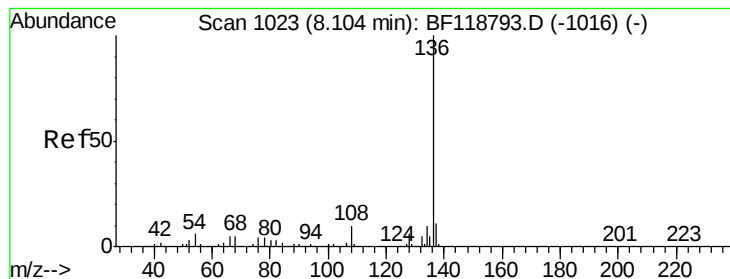
70 100

42 42.3 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: BF118812.D

Acq: 4 Feb 2020 20:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 1038882

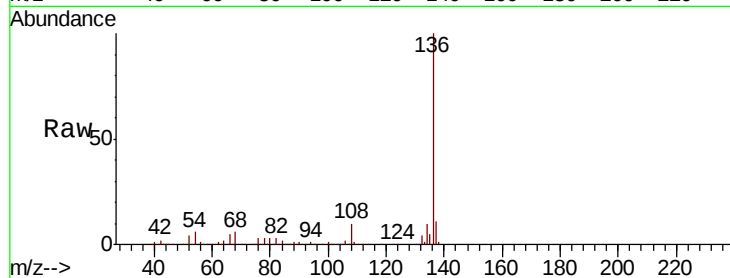
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.1 5.0 7.6

68 5.5 4.2 6.4

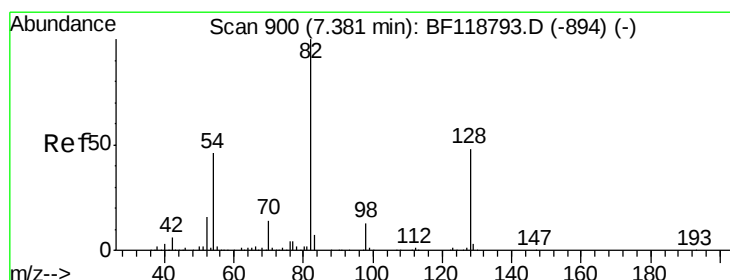
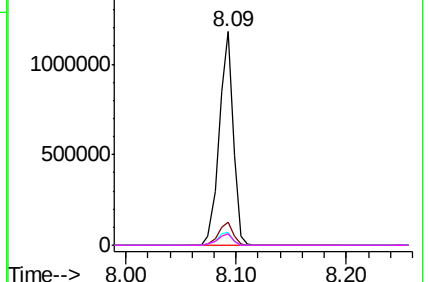
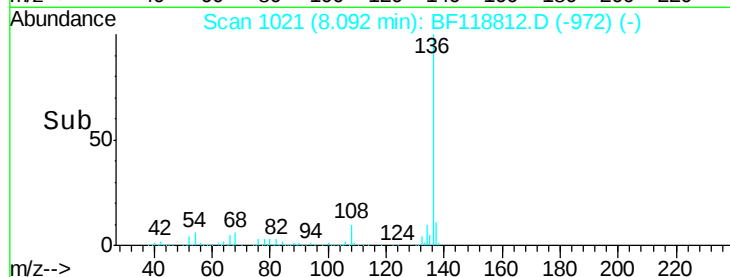


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.218 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

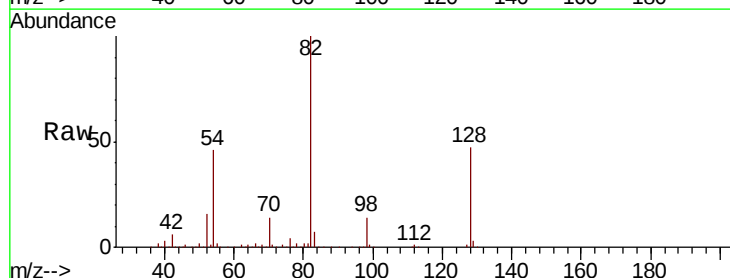
Tgt Ion: 82 Resp: 1555022

Ion Ratio Lower Upper

82 100

128 47.5 38.5 57.7

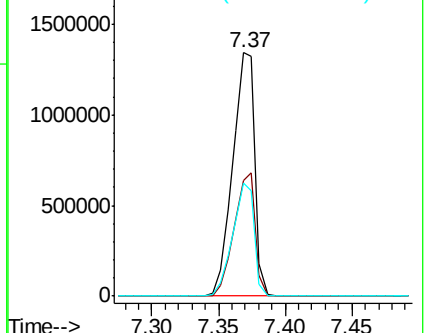
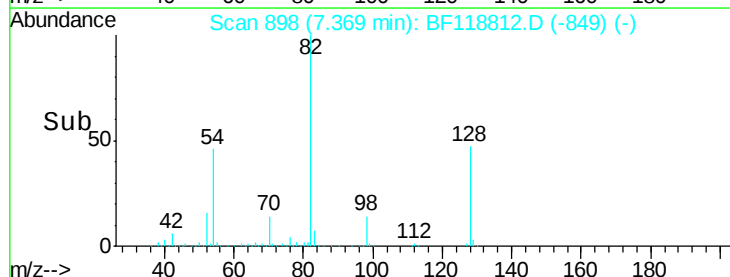
54 46.4 36.7 55.1

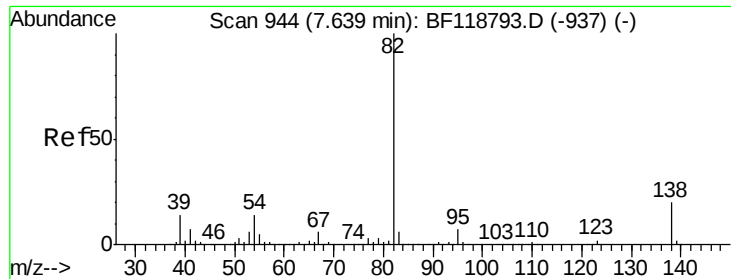


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.554 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

Instrument :

BNA_G

ClientSampleId :

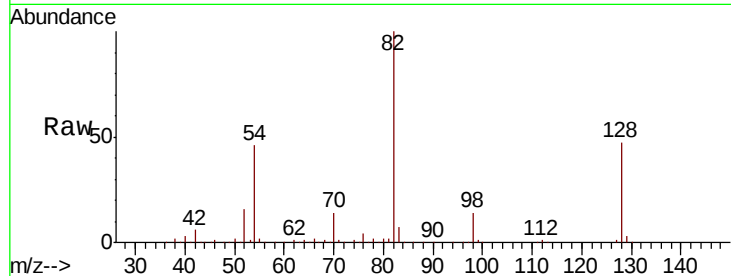
Tot Ion: 82 Resp: 1552254

Ion Ratio Lower Upper

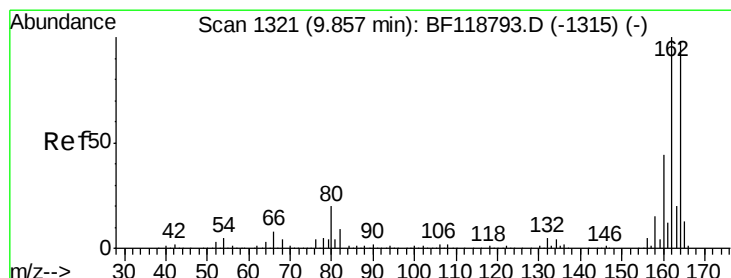
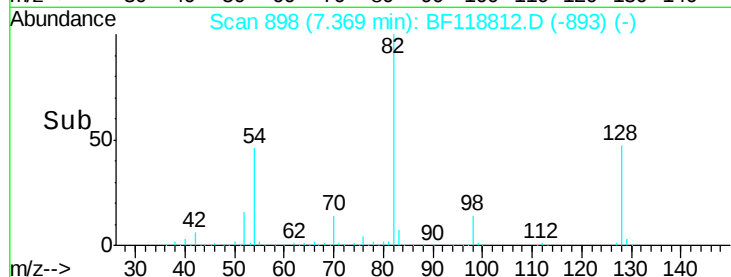
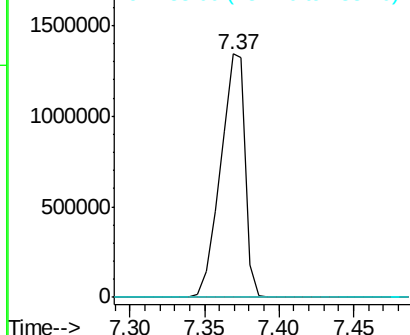
82 100

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: BF118812.D

Acq: 4 Feb 2020 20:17

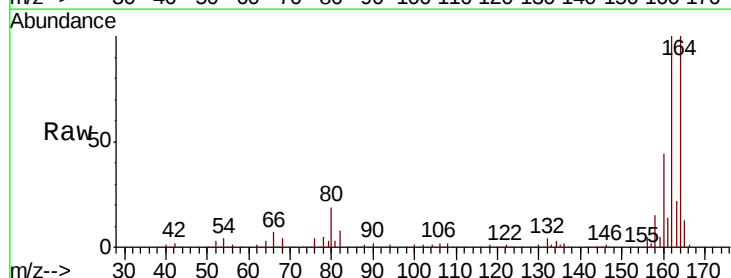
Tgt Ion: 164 Resp: 600919

Ion Ratio Lower Upper

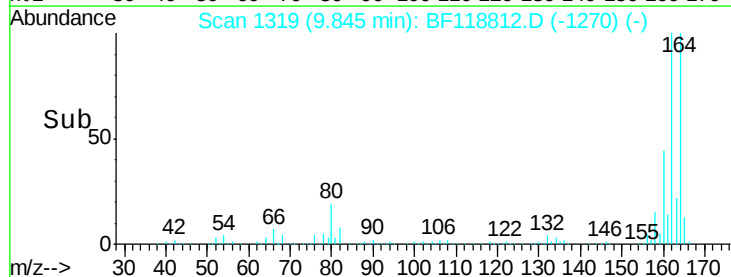
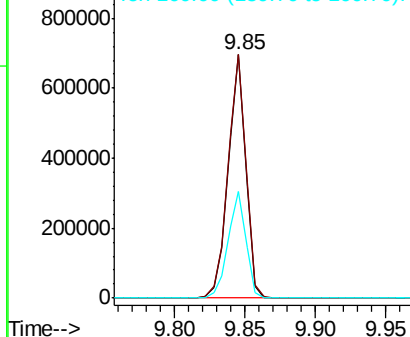
164 100

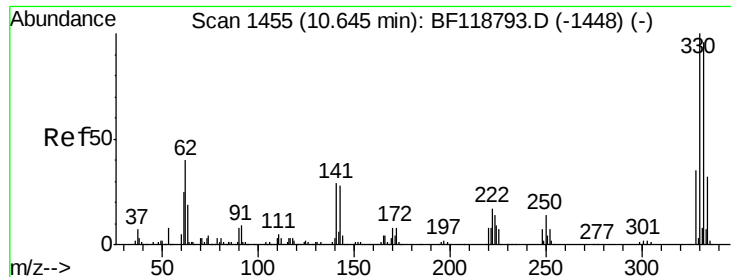
162 100.1 81.4 122.2

160 44.0 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: 137.481 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

Instrument :

BNA_G

ClientSampleId :

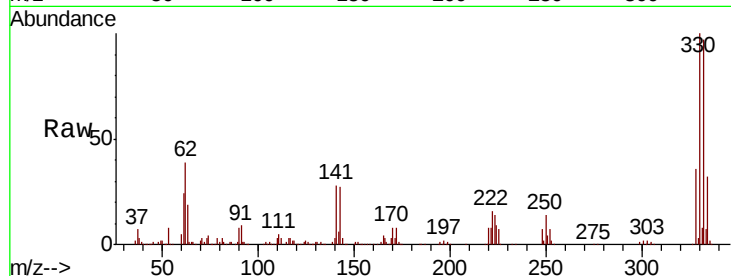
Tot Ion:330 Resp: 988509

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 27.3 22.4 33.6



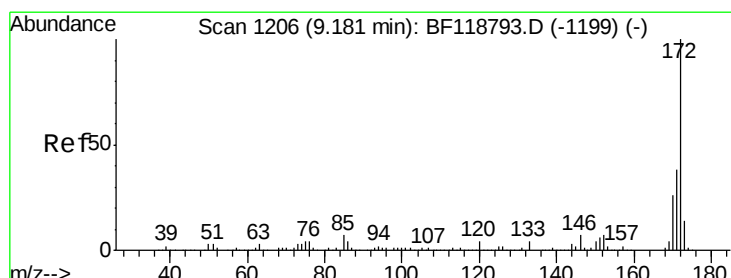
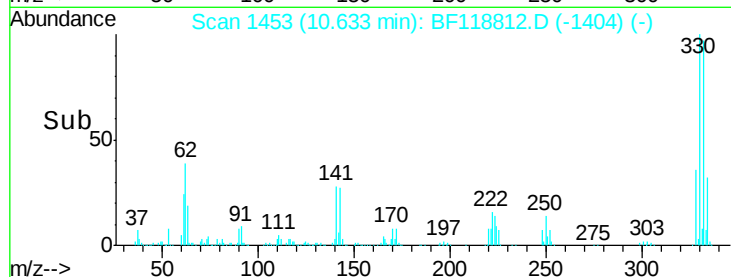
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

10.63

Time-->



#45

2-Fluorobiphenyl

Concen: 91.977 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

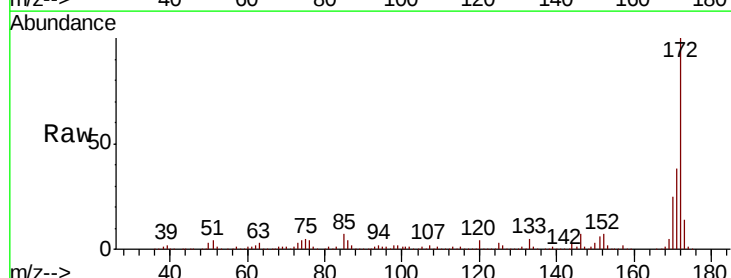
Tgt Ion:172 Resp: 3091740

Ion Ratio Lower Upper

172 100

171 38.0 30.8 46.2

170 25.5 20.5 30.7



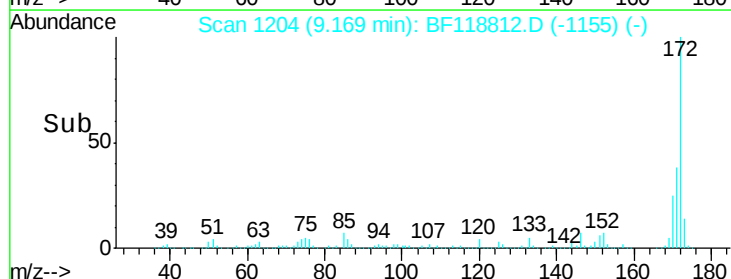
Abundance Ion 172.00 (171.70 to 172.70): E

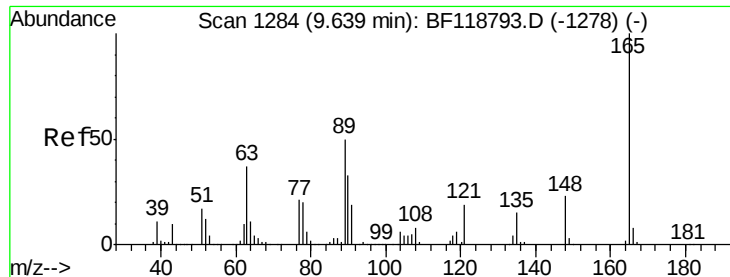
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

9.17

Time-->

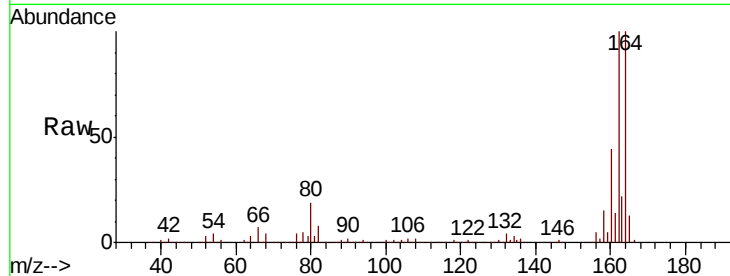




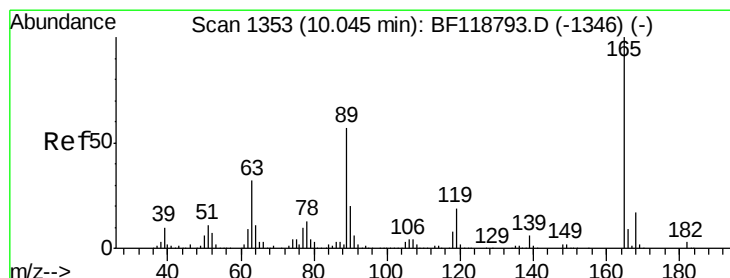
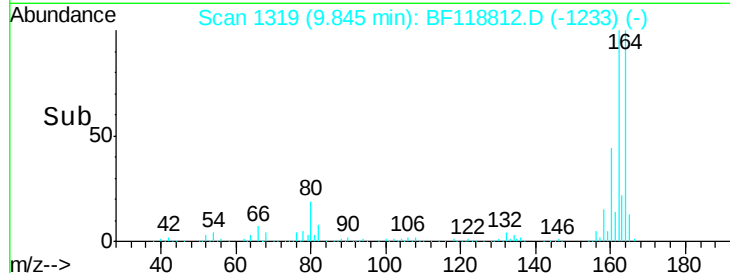
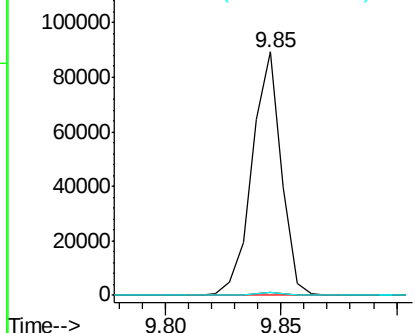
#51
 2,6-Dinitrotoluene
 Concen: 8.411 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.4	56.0#
89	1.1	39.7	59.5#



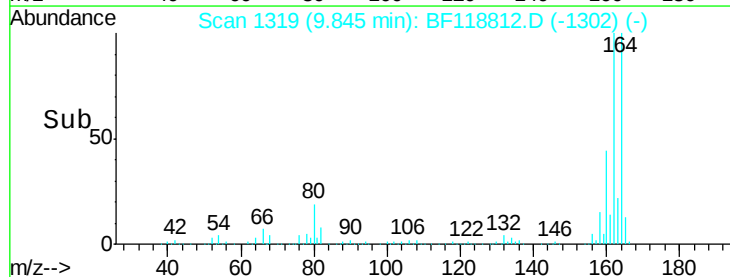
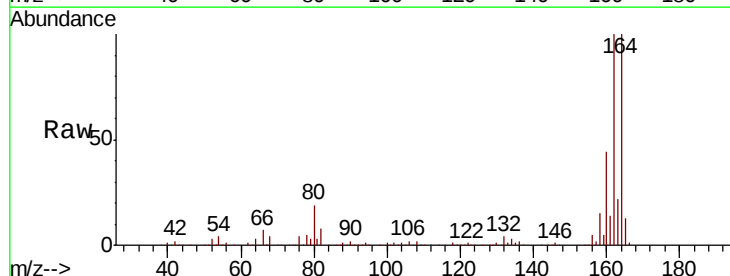
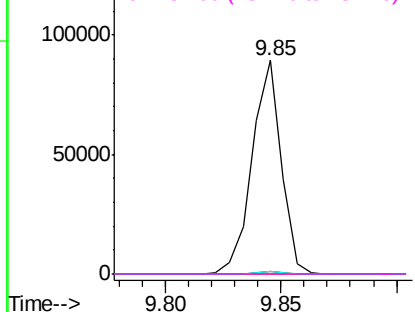
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

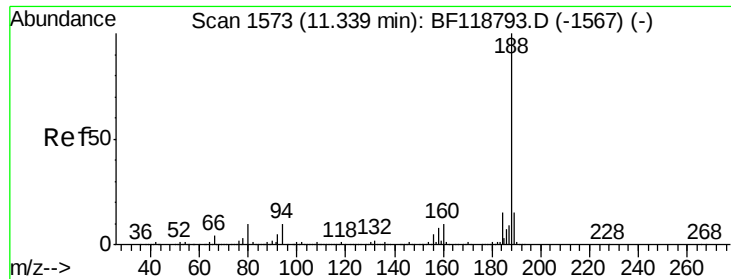


#57
 2,4-Dinitrotoluene
 Concen: 6.356 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.5	38.3#
89	1.1	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: BF118812.D

Acq: 4 Feb 2020 20:17

Instrument :

BNA_G

ClientSampleId :

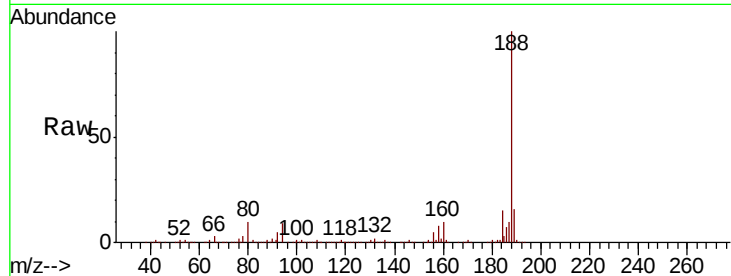
Tot Ion:188 Resp: 1167284

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

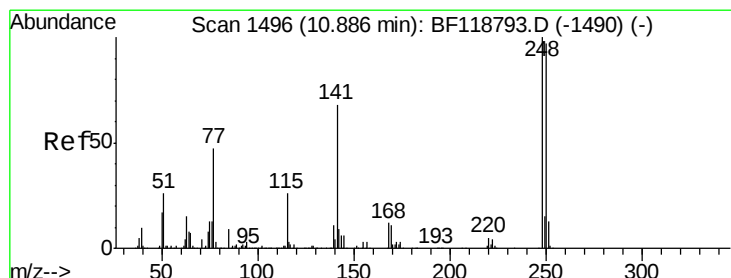
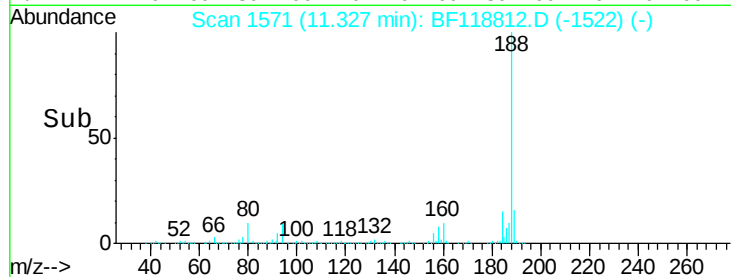
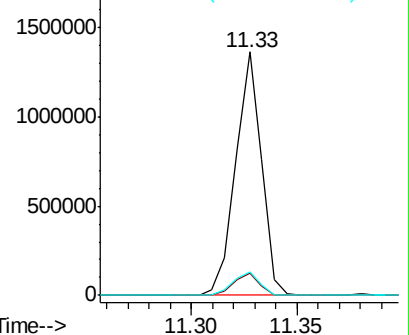
80 9.8 8.4 12.6



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: 4.718 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF118812.D

Acq: 4 Feb 2020 20:17

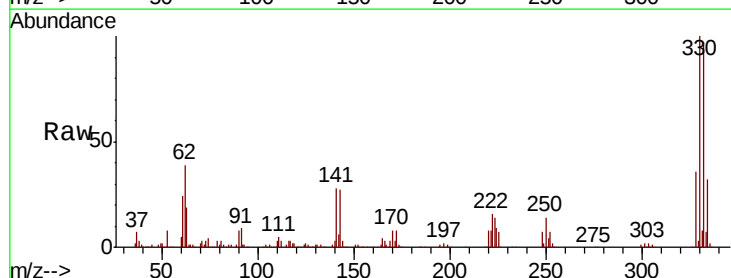
Tgt Ion:248 Resp: 65154

Ion Ratio Lower Upper

248 100

250 196.0 77.6 116.4#

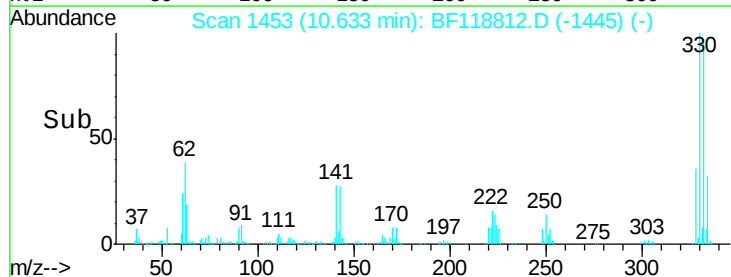
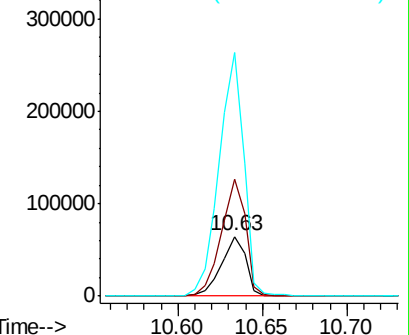
141 408.0 54.4 81.6#

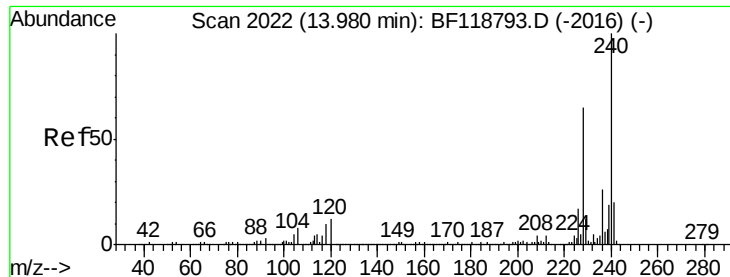


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

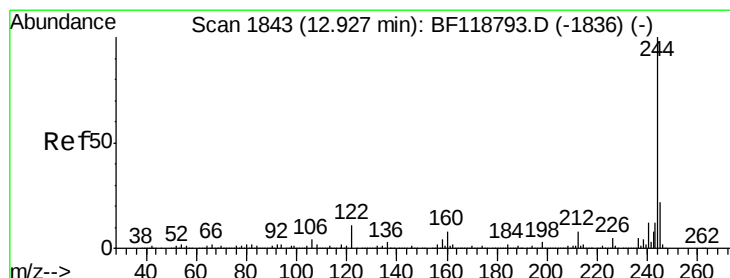
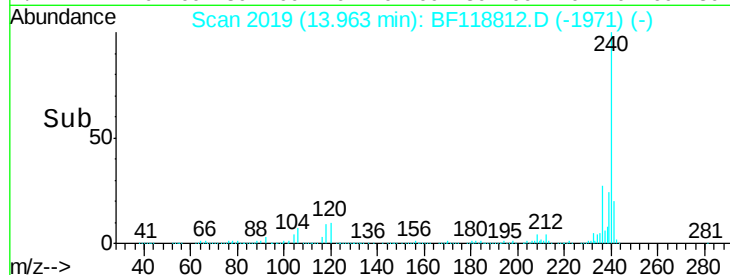
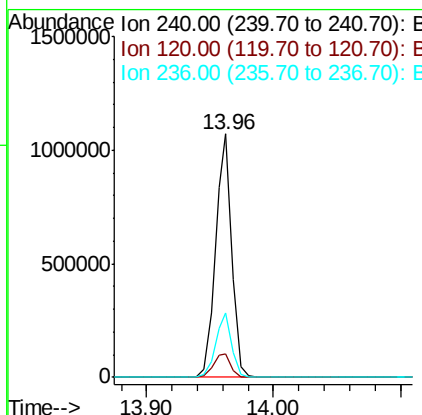
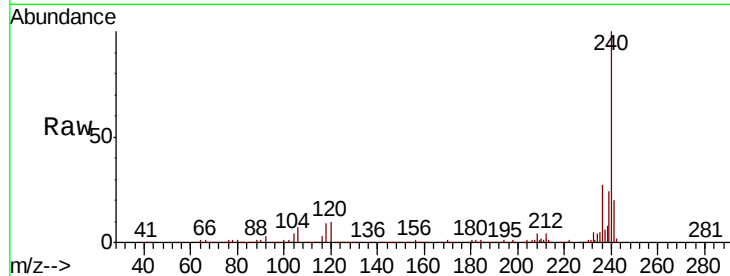




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

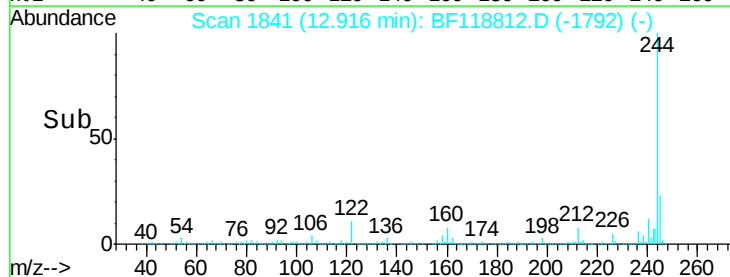
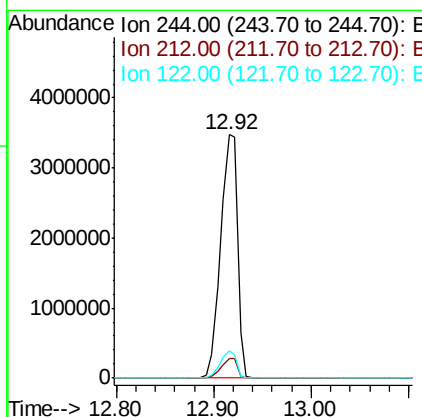
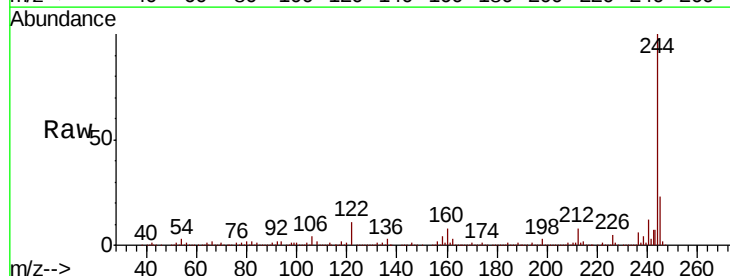
Instrument :
 BNA_G
 ClientSampled :

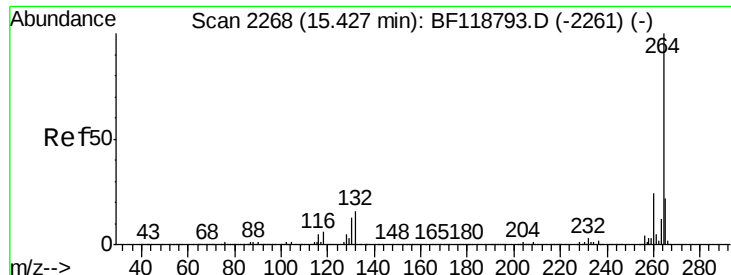
Tot Ion:240 Resp: 961980
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.4 14.0
 236 26.5 21.0 31.6



#79
 Terphenyl-d14
 Concen: 89.300 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Tgt Ion:244 Resp: 4182214
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.3 8.9 13.3

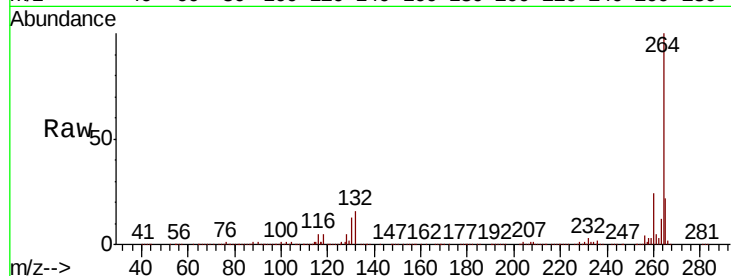




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.02 min
 Lab File: BF118812.D
 Acq: 4 Feb 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	904437
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 1000000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

