

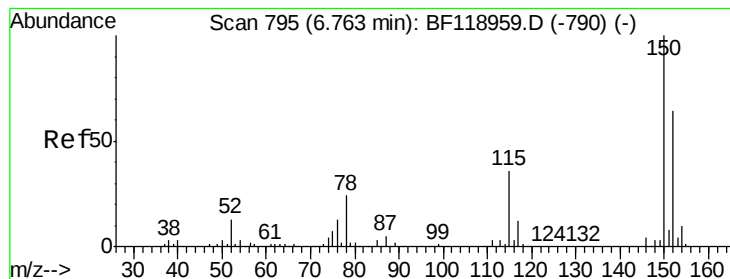
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119033.D
 Acq On : 24 Feb 2020 21:01
 Operator : CG/JU
 Sample : L1650-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:26:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	184748	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	711140	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	392858	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	716946	20.00	ng	0.00
76) Chrysene-d12	13.90	240	472220	20.00	ng	0.00
87) Perylene-d12	15.33	264	419393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1016274	91.93	ng	0.00
7) Phenol-d6	6.40	99	1238471	92.11	ng	0.00
23) Nitrobenzene-d5	7.32	82	817824	60.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	471309	91.71	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1528084	57.30	ng	-0.01
79) Terphenyl-d14	12.85	244	1758353	64.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	114097	14.564	ng	# 77
25) Isophorone	7.32	82	815553	34.866	ng	# 63
50) Dimethylphthalate	9.50	163	75658	2.518	ng	98
51) 2,6-Dinitrotoluene	9.79	165	51764	7.756	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	31578	3.370	ng	# 1

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

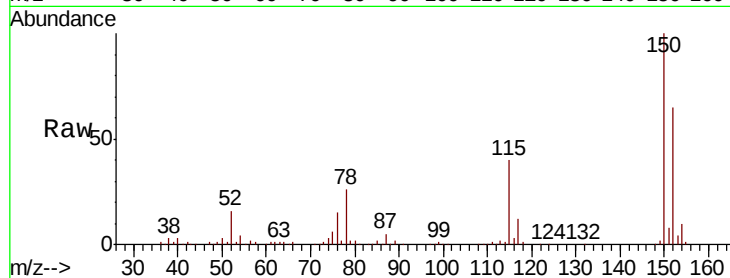


#1

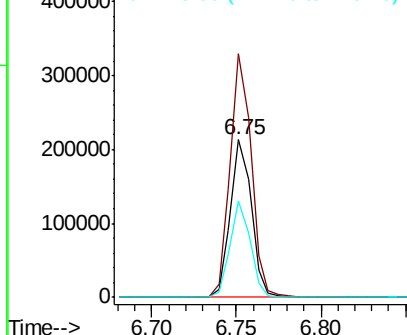
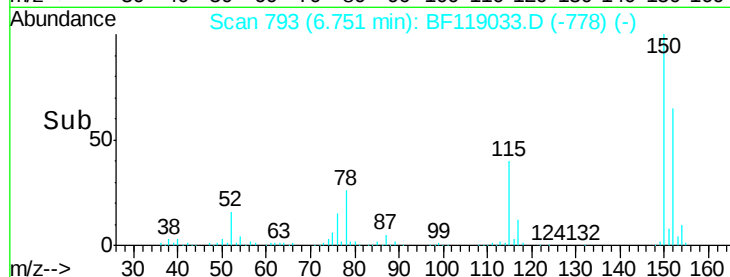
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119033.D
Acq: 24 Feb 2020 21:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184748
Ion Ratio Lower Upper
152 100
150 154.7 124.3 186.5
115 61.2 44.6 67.0



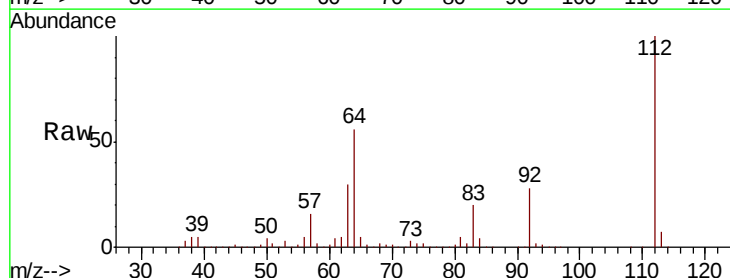
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



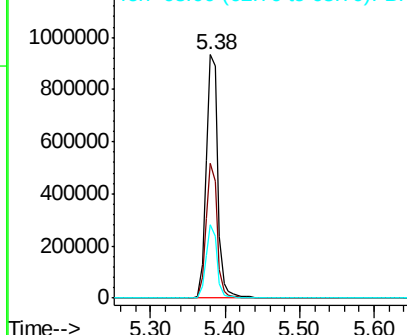
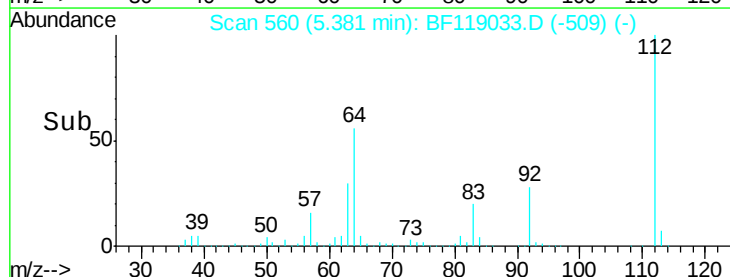
#5

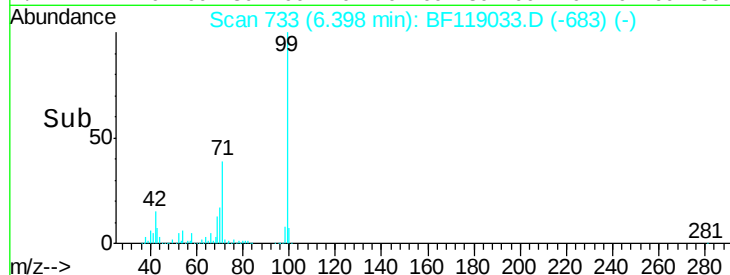
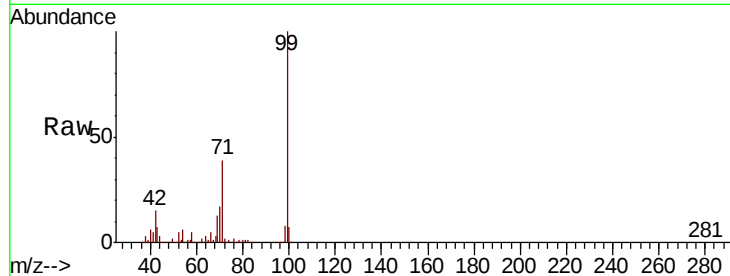
2-Fluorophenol
Concen: 91.929 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119033.D
Acq: 24 Feb 2020 21:01

Tgt Ion:112 Resp: 1016274
Ion Ratio Lower Upper
112 100
64 55.6 40.4 60.6
63 30.2 21.3 31.9



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: 92.115 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119033.D

Acq: 24 Feb 2020 21:01

Instrument :

BNA_F

ClientSampleId :

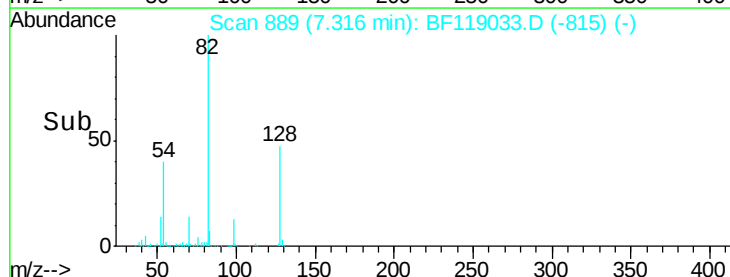
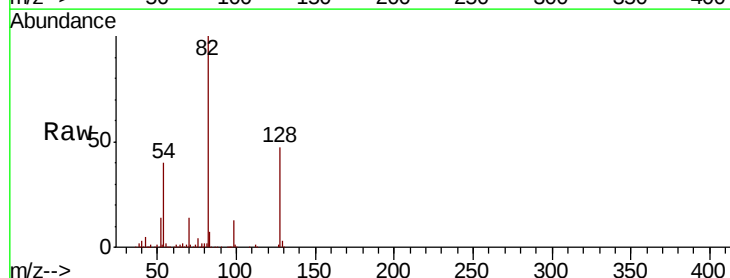
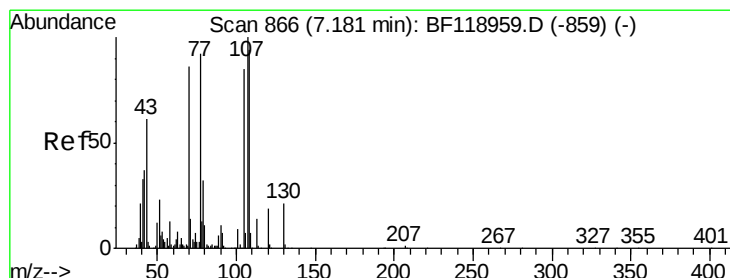
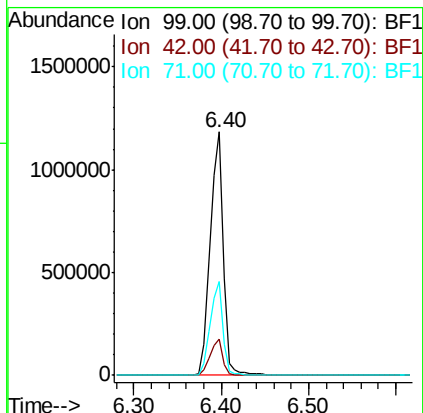
Tot Ion: 99 Resp: 1238471

Ion Ratio Lower Upper

99 100

42 15.2 11.4 17.0

71 38.8 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.564 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119033.D

Acq: 24 Feb 2020 21:01

Tgt Ion: 70 Resp: 114097

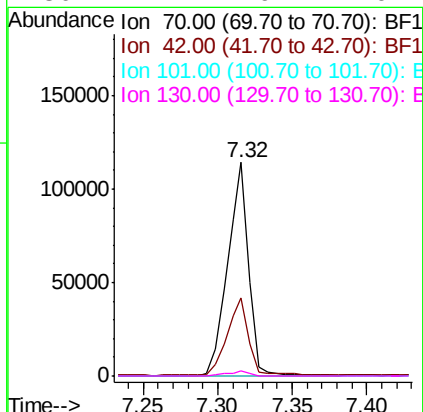
Ion Ratio Lower Upper

70 100

42 36.5 34.6 51.8

101 0.0 8.1 12.1#

130 2.2 19.4 29.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119033.D

Acq: 24 Feb 2020 21:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 711140

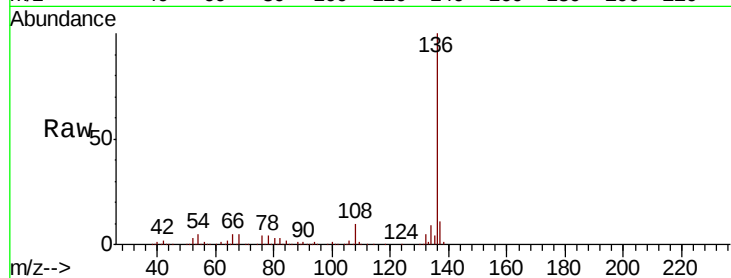
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.1 3.8 5.6

68 5.3 4.2 6.2

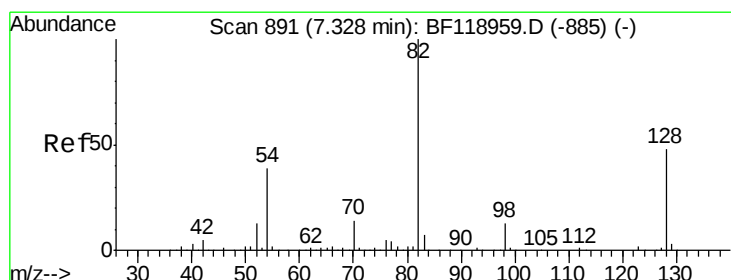
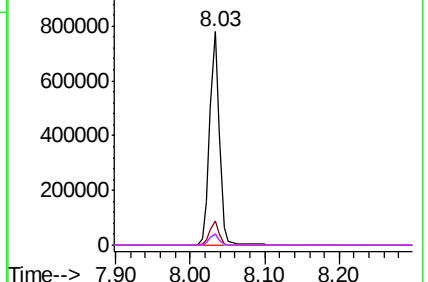
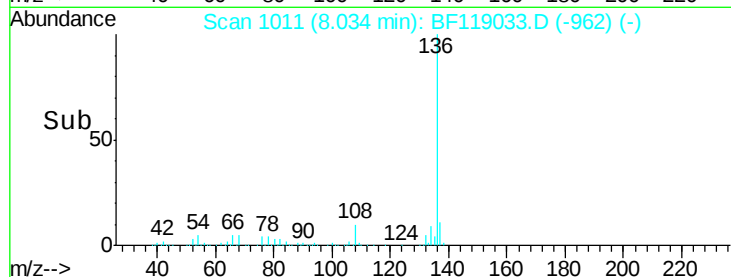


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.721 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119033.D

Acq: 24 Feb 2020 21:01

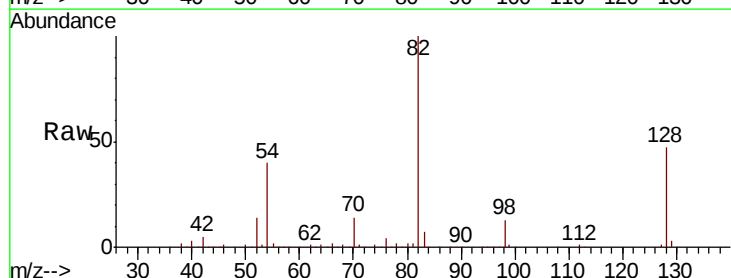
Tgt Ion: 82 Resp: 817824

Ion Ratio Lower Upper

82 100

128 47.3 38.2 57.2

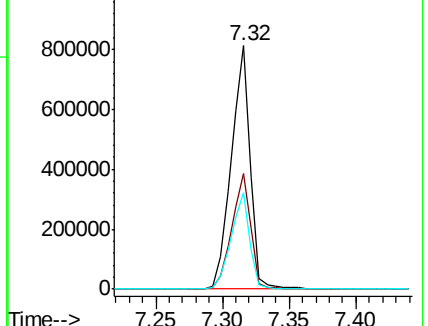
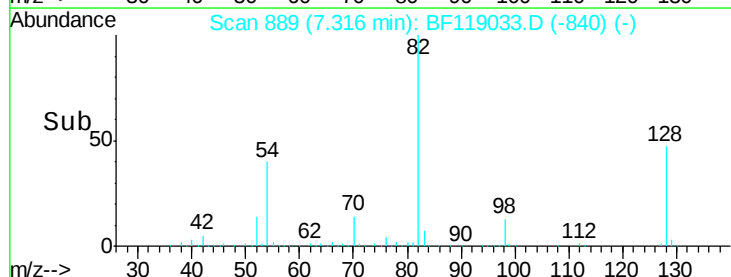
54 39.8 31.3 46.9



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

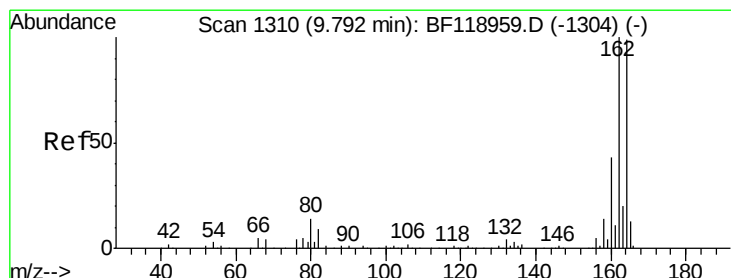
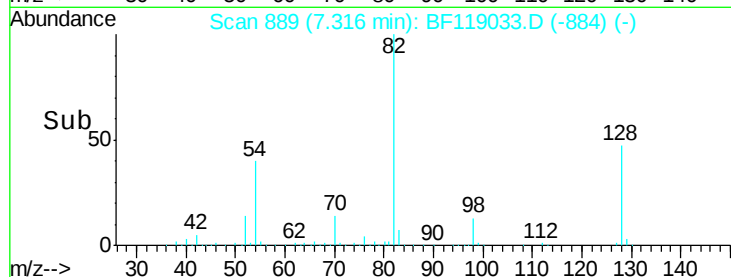
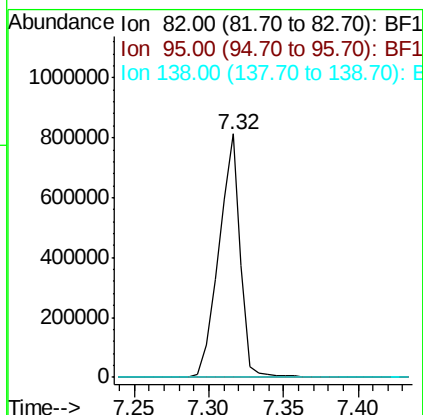
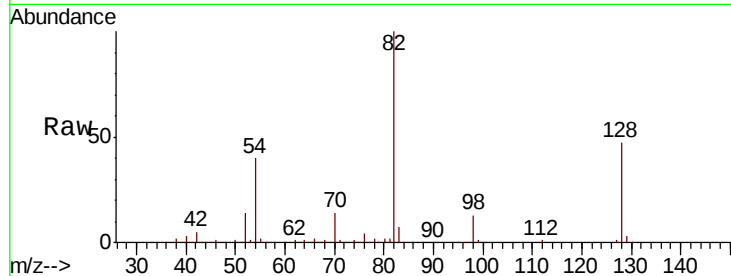




#25
Isophorone
Concen: 34.866 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119033.D
Acq: 24 Feb 2020 21:01

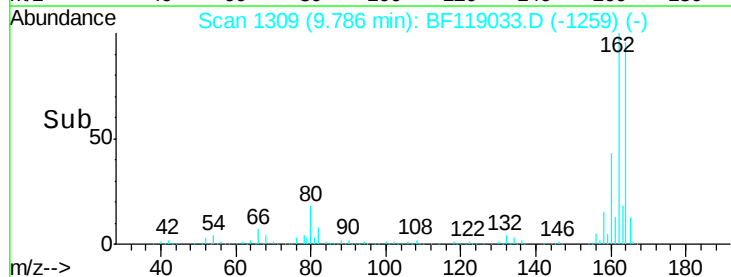
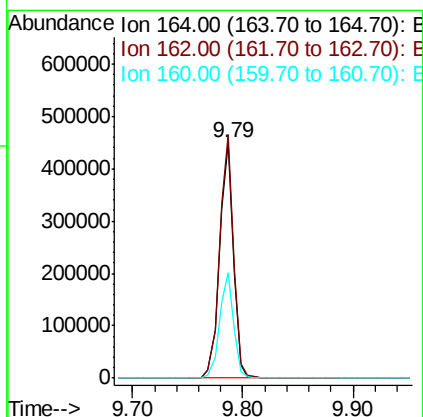
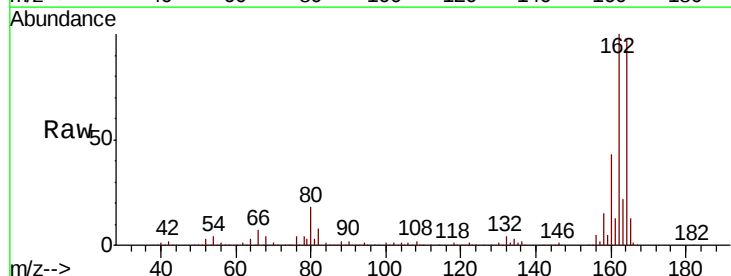
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 815553
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119033.D
Acq: 24 Feb 2020 21:01

Tgt Ion: 164 Resp: 392858
Ion Ratio Lower Upper
164 100
162 103.6 81.2 121.8
160 44.9 35.2 52.8

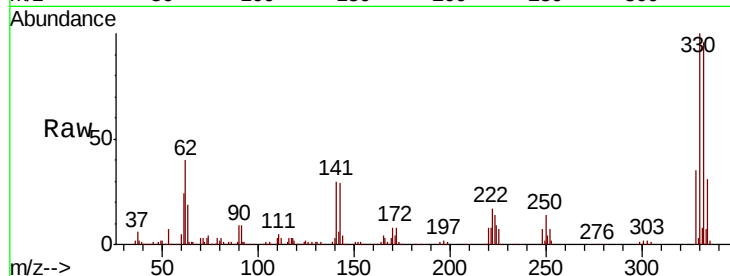




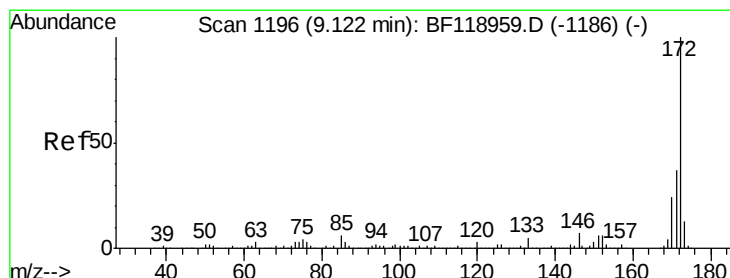
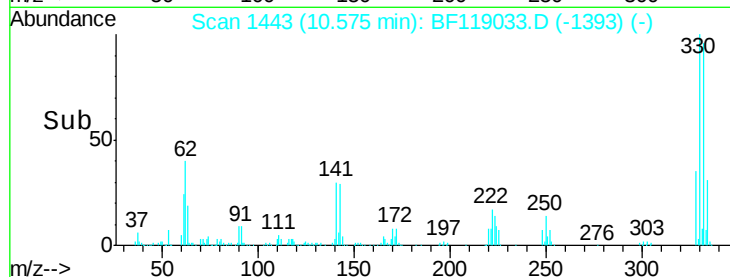
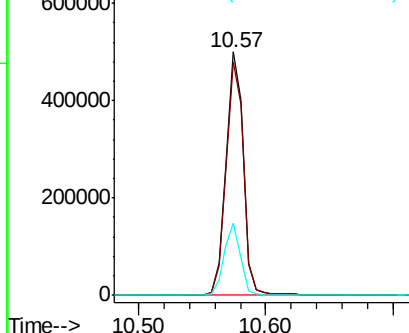
#42
 2,4,6-Tribromophenol
 Concen: 91.708 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119033.D
 Acq: 24 Feb 2020 21:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	28.6	23.0	34.6

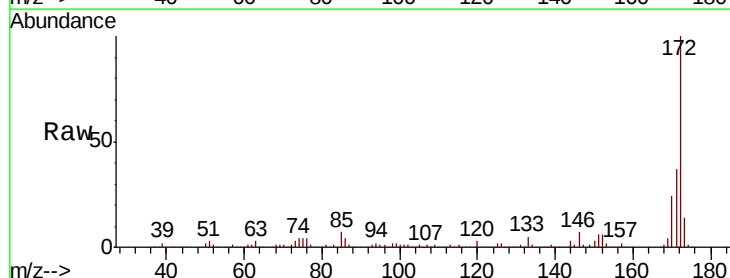


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

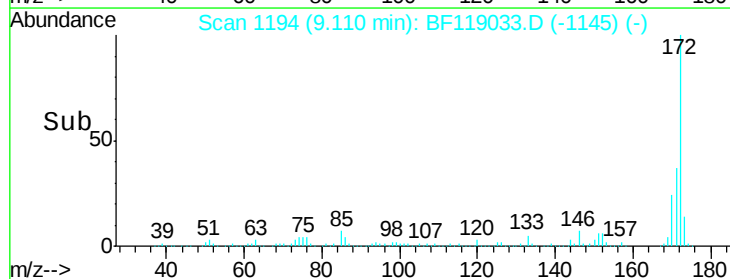
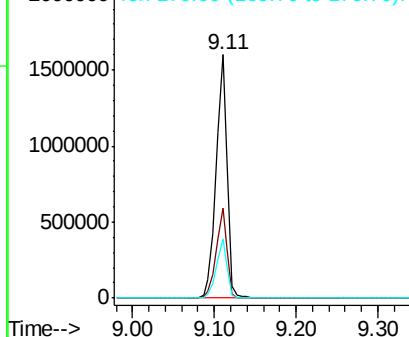


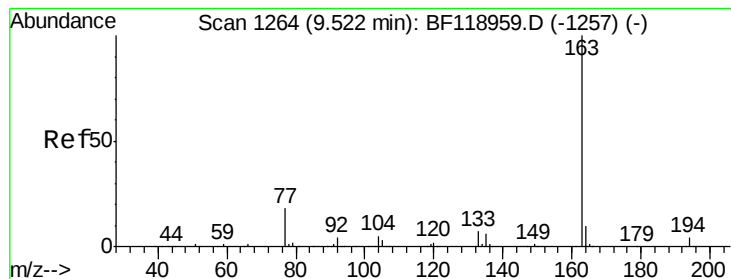
#45
 2-Fluorobiphenyl
 Concen: 57.301 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119033.D
 Acq: 24 Feb 2020 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	24.1	19.6	29.4



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: 2.518 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119033.D

Acq: 24 Feb 2020 21:01

Instrument :

BNA_F

ClientSampleId :

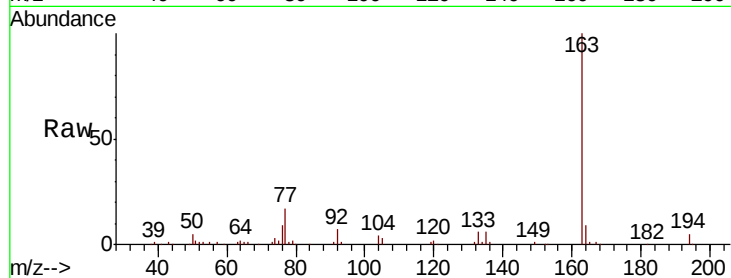
Tot Ion:163 Resp: 75658

Ion Ratio Lower Upper

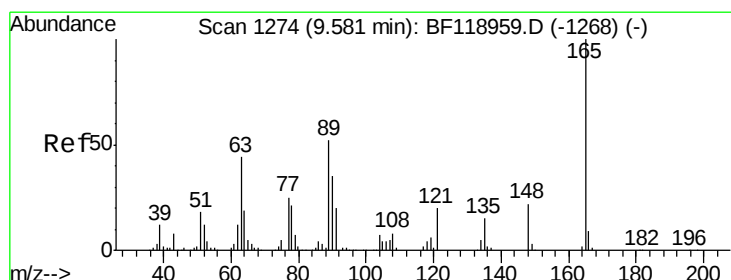
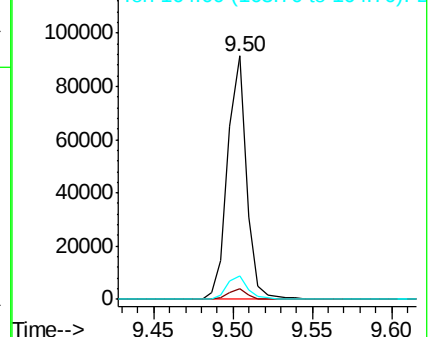
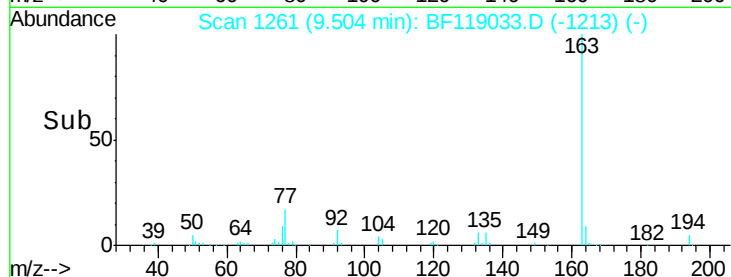
163 100

194 4.5 3.4 5.2

164 9.4 8.2 12.2



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



#51

2,6-Dinitrotoluene

Concen: 7.756 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119033.D

Acq: 24 Feb 2020 21:01

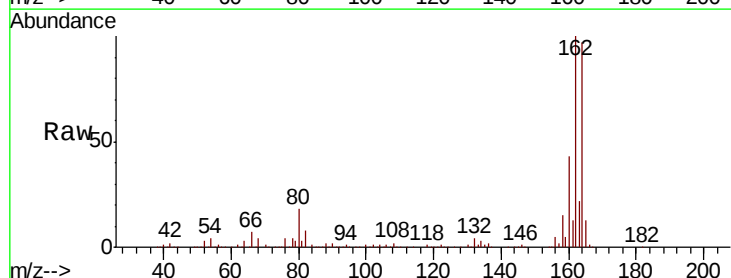
Tgt Ion:165 Resp: 51764

Ion Ratio Lower Upper

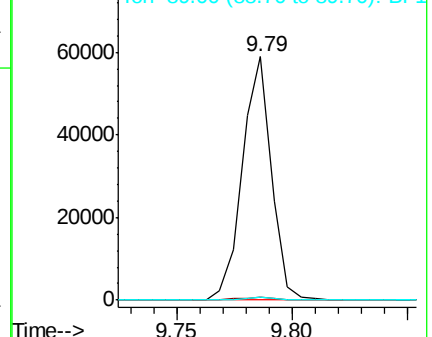
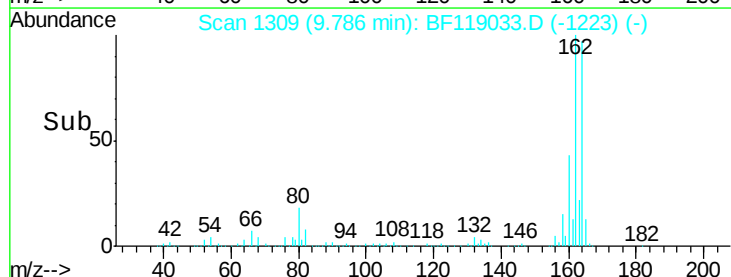
165 100

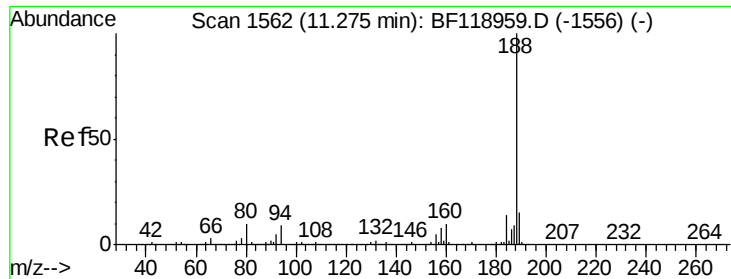
63 1.3 37.9 56.9#

89 1.1 41.4 62.0#



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

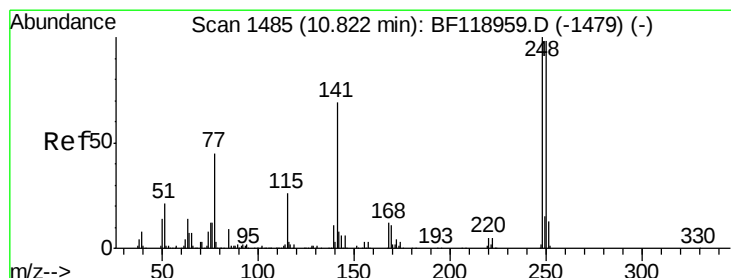
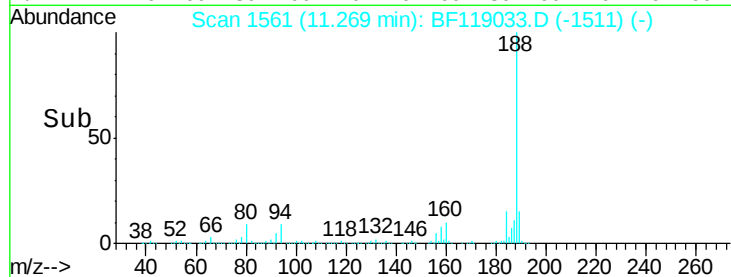
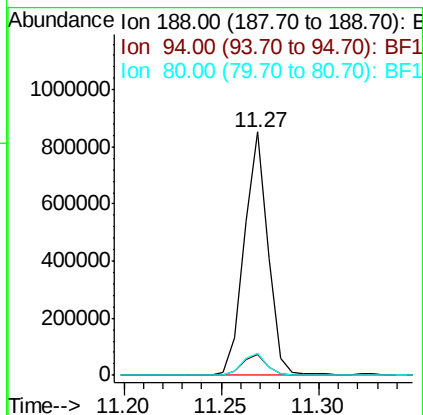
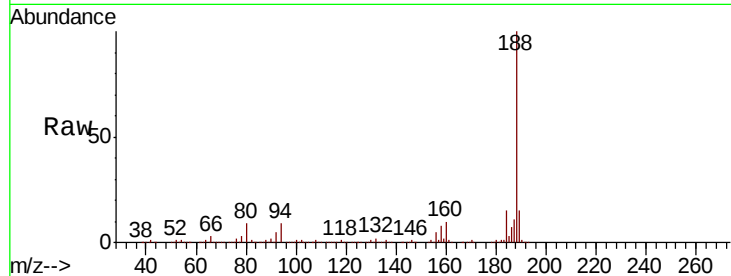




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119033.D
 Acq: 24 Feb 2020 21:01

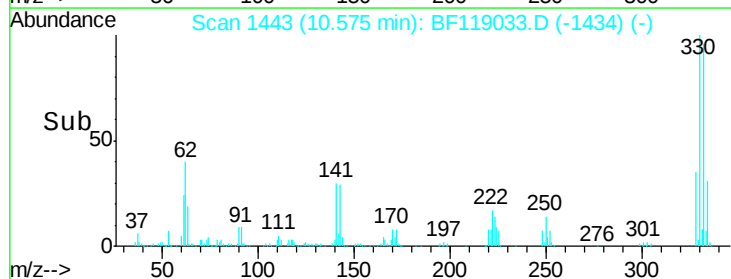
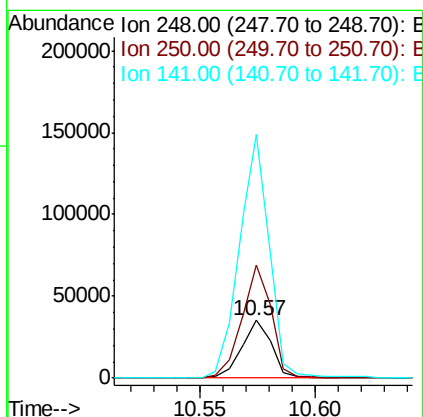
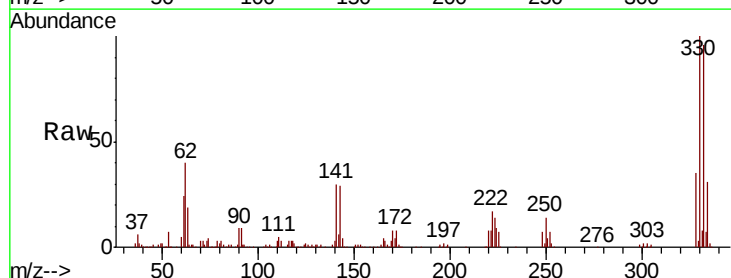
Instrument :
 BNA_F
 ClientSampleId :

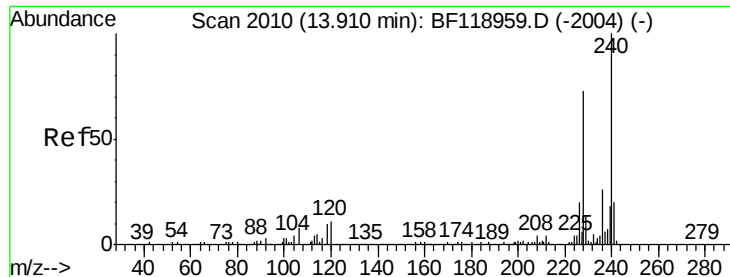
Tot Ion:188 Resp: 716946
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.0 10.6
 80 9.2 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.370 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.25 min
 Lab File: BF119033.D
 Acq: 24 Feb 2020 21:01

Tgt Ion:248 Resp: 31578
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.8 118.2#
 141 422.2 55.3 82.9#

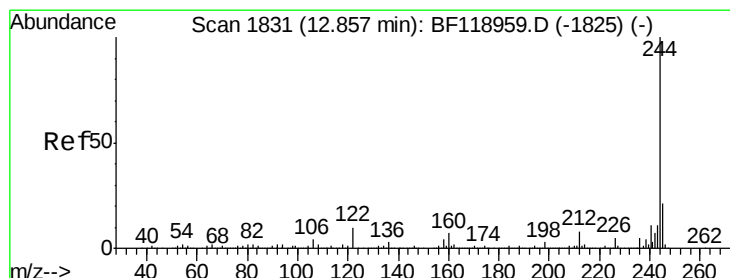
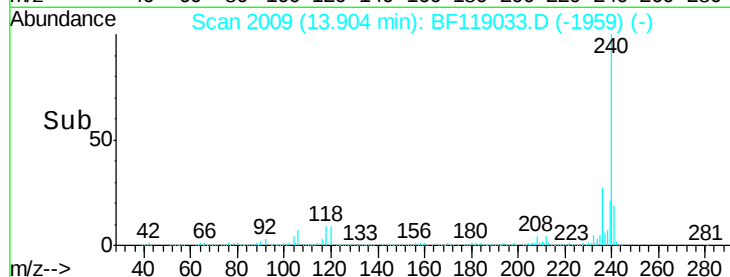
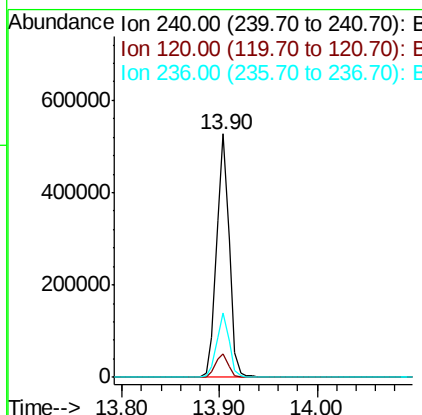
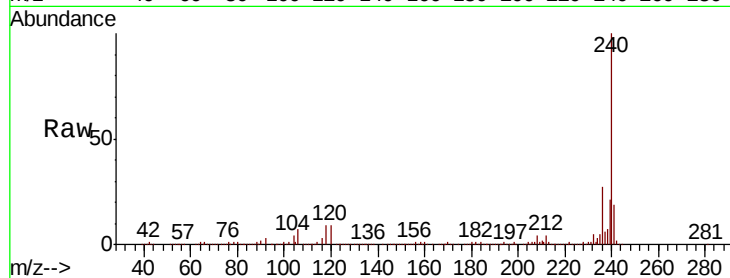




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119033.D
 Acq: 24 Feb 2020 21:01

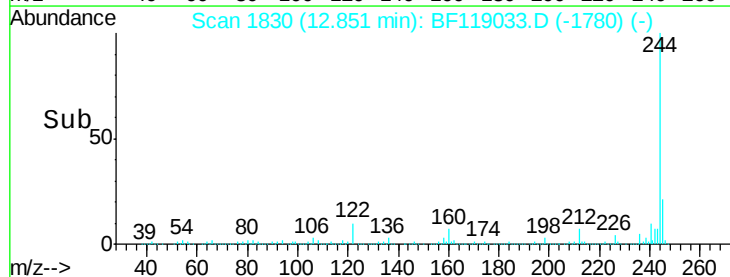
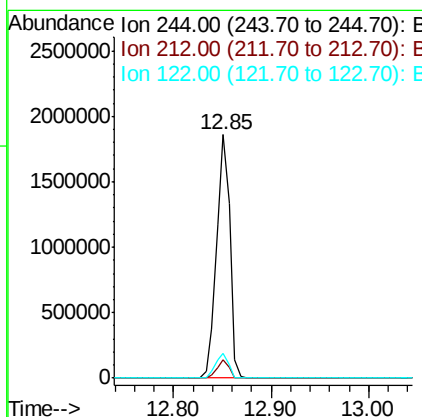
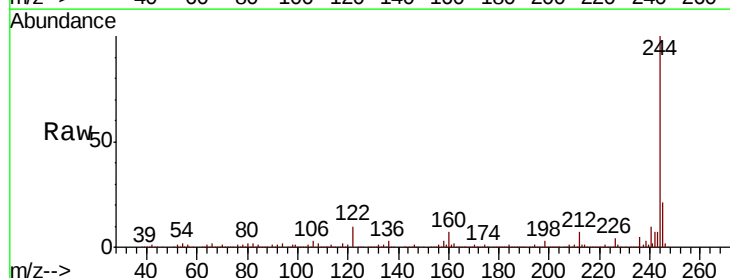
Instrument :
 BNA_F
 ClientSampleId :

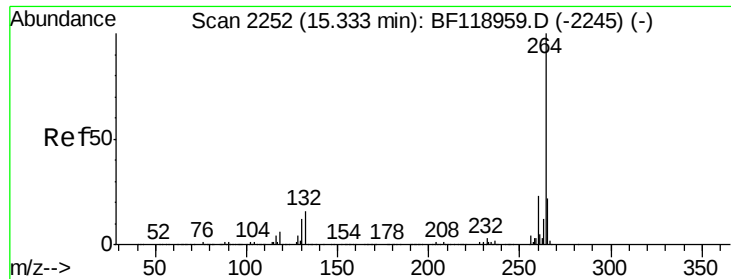
Tot Ion:240 Resp: 472220
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.9 13.3
 236 26.6 20.6 30.8



#79
 Terphenyl-d14
 Concen: 64.108 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119033.D
 Acq: 24 Feb 2020 21:01

Tgt Ion:244 Resp: 1758353
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 10.3 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119033.D
Acq: 24 Feb 2020 21:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.8	17.3	25.9

