

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF118997.D
 Acq On : 21 Feb 2020 17:20
 Operator : CG/JU
 Sample : L1613-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 02:20:27 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

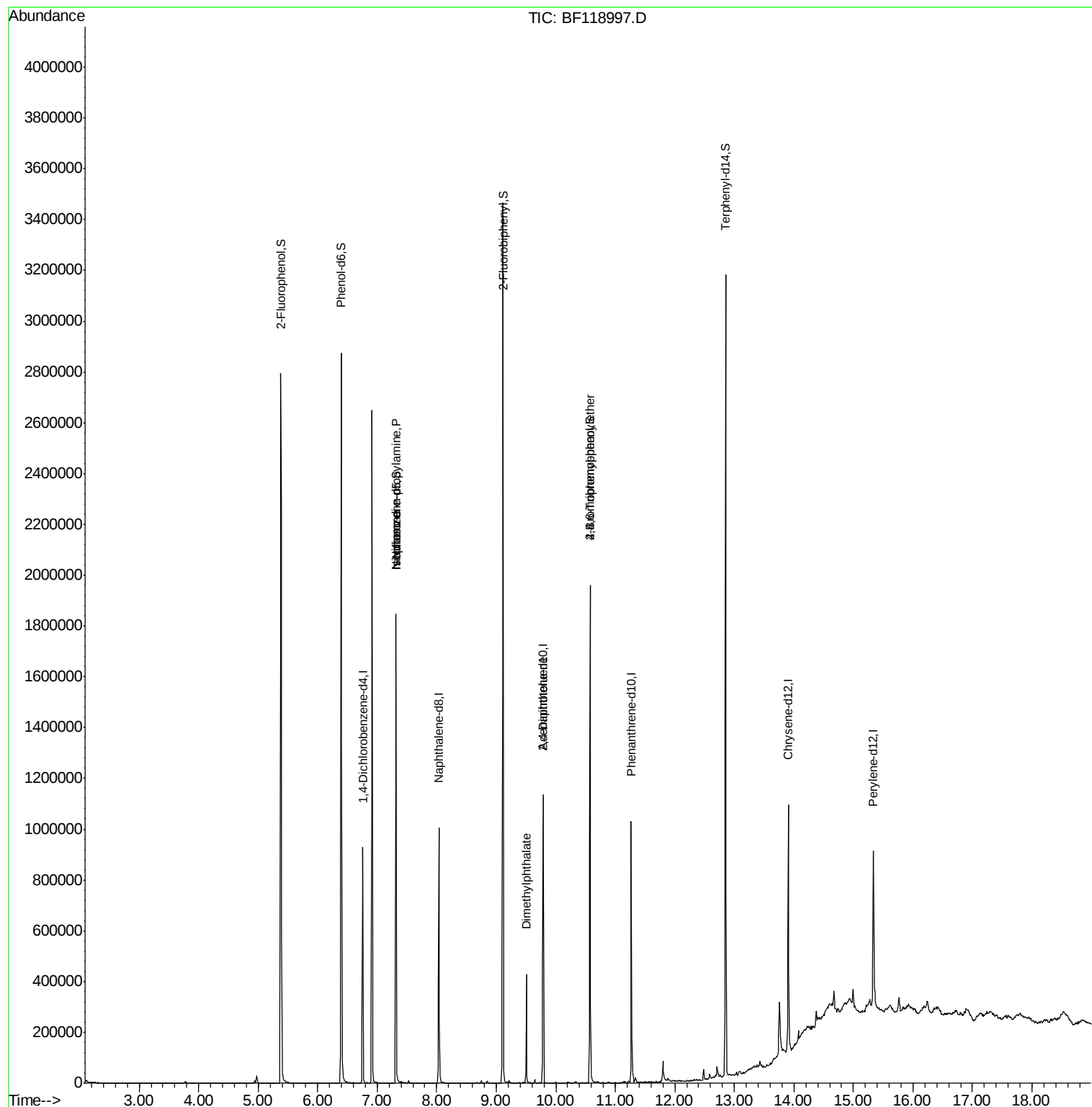
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	147380	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	508061	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	232137	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	375892	20.00	ng	0.00
76) Chrysene-d12	13.90	240	340384	20.00	ng	0.00
87) Perylene-d12	15.33	264	295394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	870034	98.66	ng	0.00
7) Phenol-d6	6.40	99	1028549	95.90	ng	0.00
23) Nitrobenzene-d5	7.32	82	645924	67.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	257464	84.78	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1160310	73.63	ng	-0.01
79) Terphenyl-d14	12.86	244	1203096	60.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	86319	13.812	ng	# 76
25) Isophorone	7.32	82	639335	38.258	ng	# 63
50) Dimethylphthalate	9.50	163	158260	8.916	ng	100
57) 2,4-Dinitrotoluene	9.79	165	29340	5.740	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	16752	3.409	ng	# 1

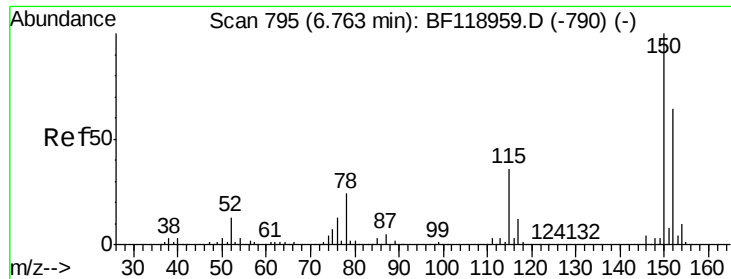
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Instrument :
BNA_F
ClientSampleId :

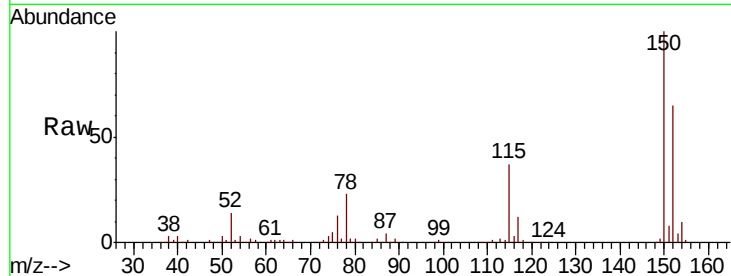
Tot Ion:152 Resp: 147380

Ion Ratio Lower Upper

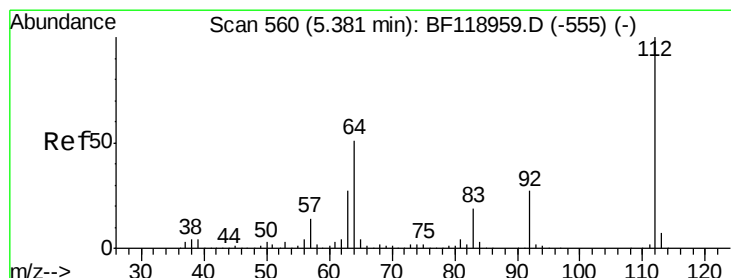
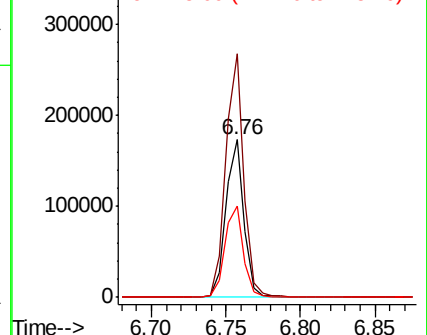
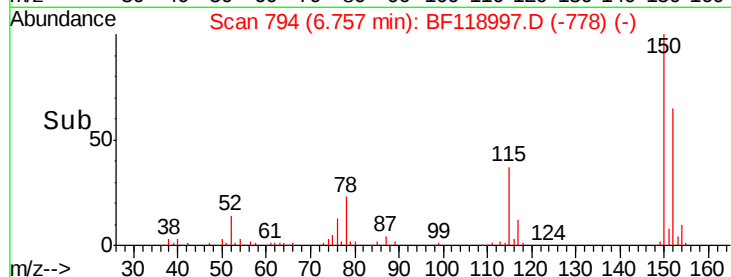
152 100

150 154.8 124.3 186.5

115 57.7 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: 98.655 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

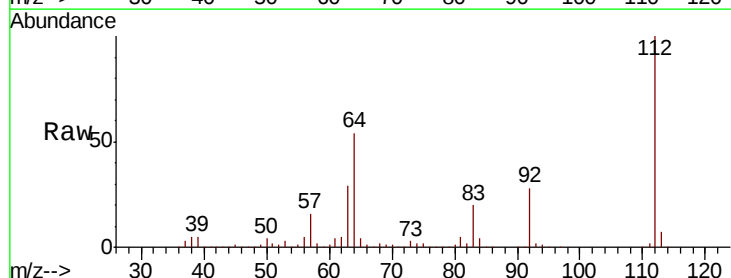
Tgt Ion:112 Resp: 870034

Ion Ratio Lower Upper

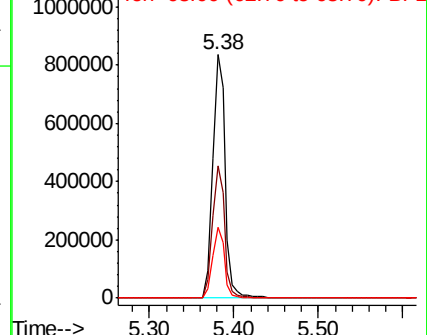
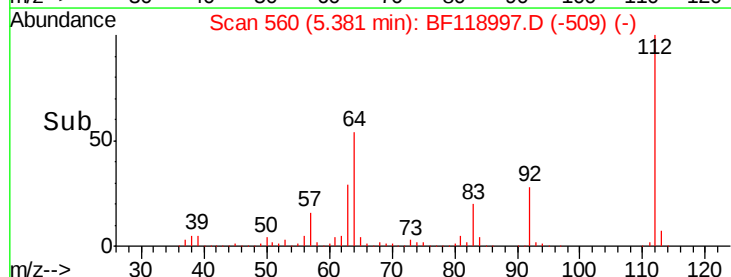
112 100

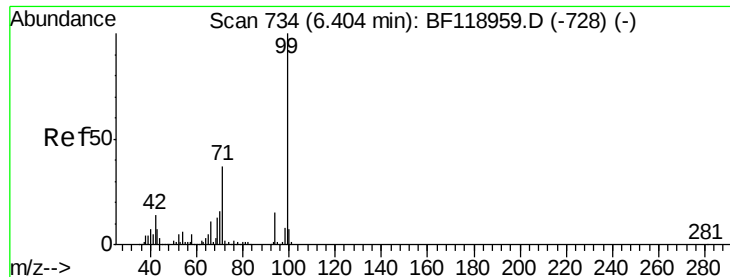
64 54.3 40.4 60.6

63 29.1 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: 95.898 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Instrument :

BNA_F

ClientSampleId :

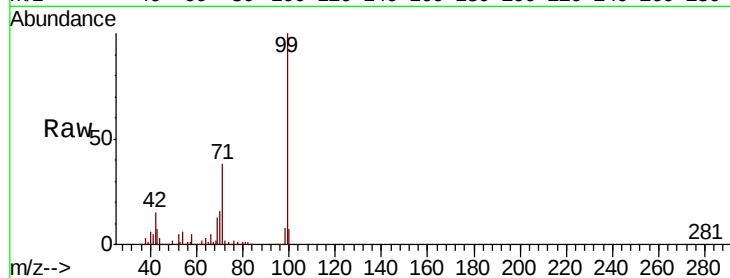
Tot Ion: 99 Resp: 1028549

Ion Ratio Lower Upper

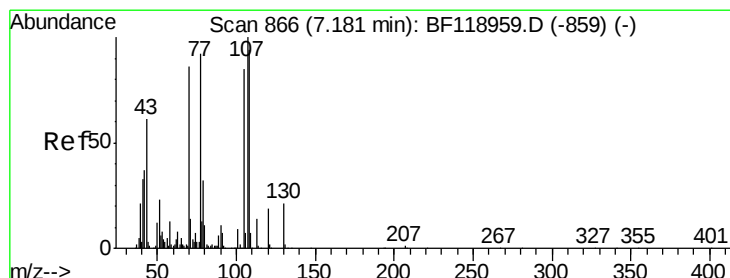
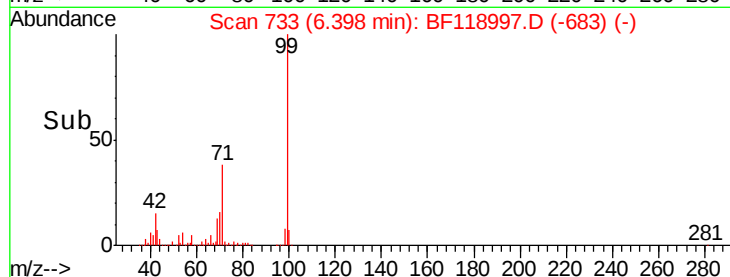
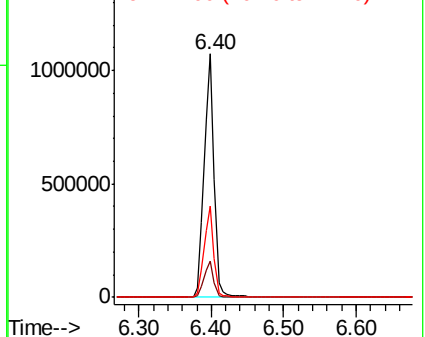
99 100

42 14.7 11.4 17.0

71 37.7 29.8 44.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.812 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Tgt Ion: 70 Resp: 86319

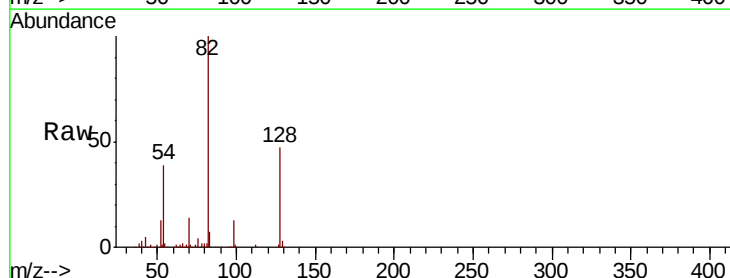
Ion Ratio Lower Upper

70 100

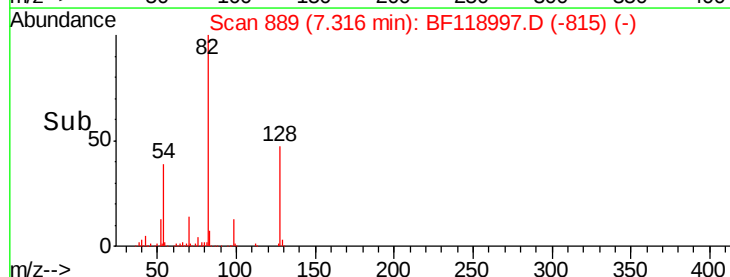
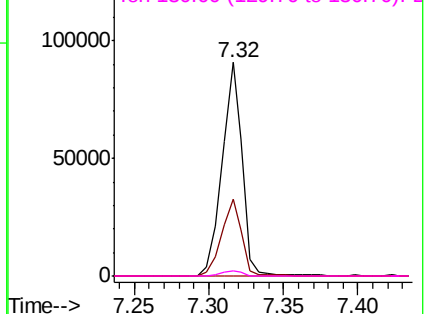
42 36.1 34.6 51.8

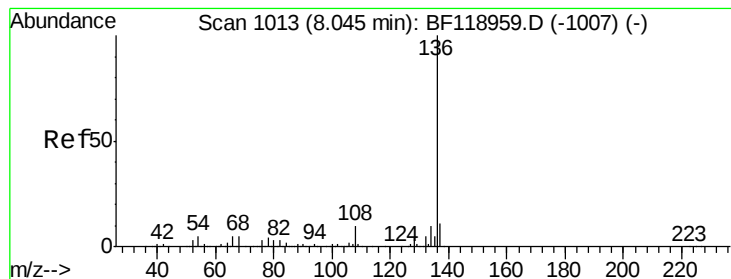
101 0.0 8.1 12.1#

130 2.3 19.4 29.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 508061

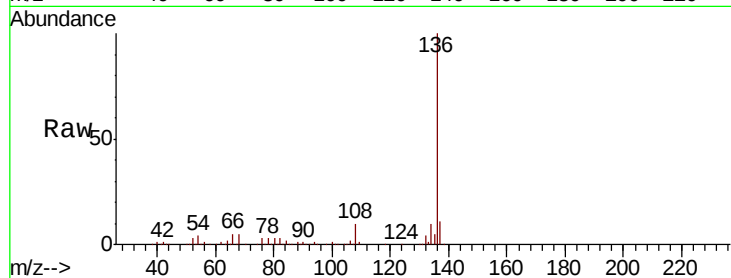
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 4.5 3.8 5.6

68 5.0 4.2 6.2

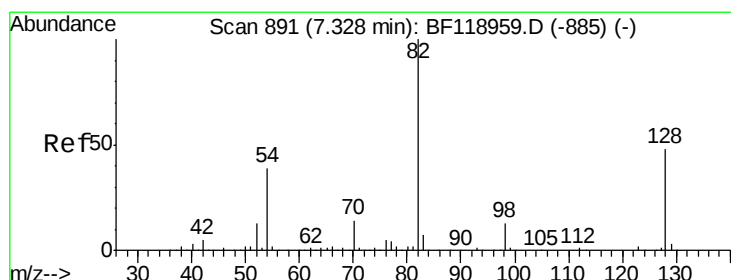
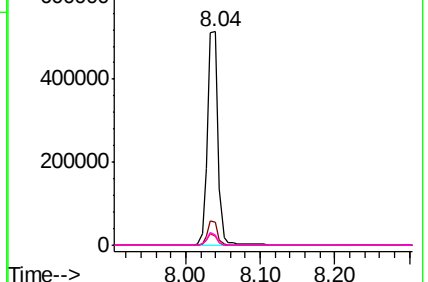
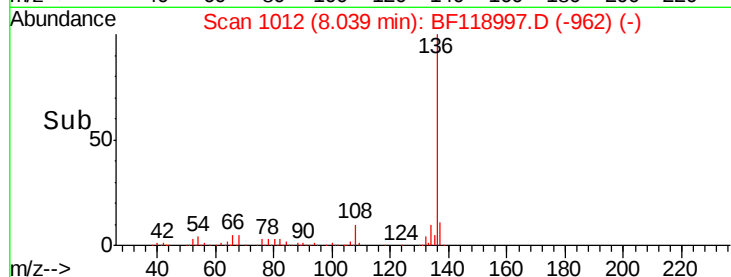


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.127 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

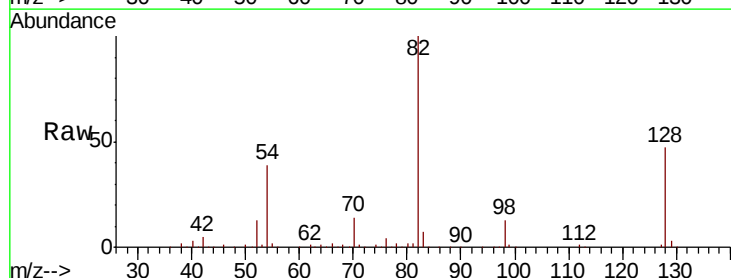
Tgt Ion: 82 Resp: 645924

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.2

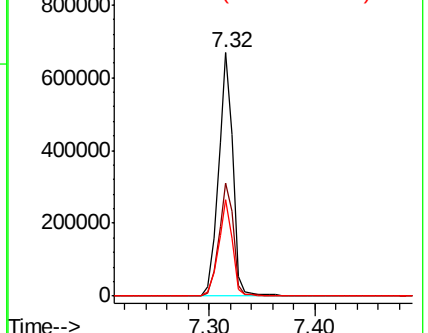
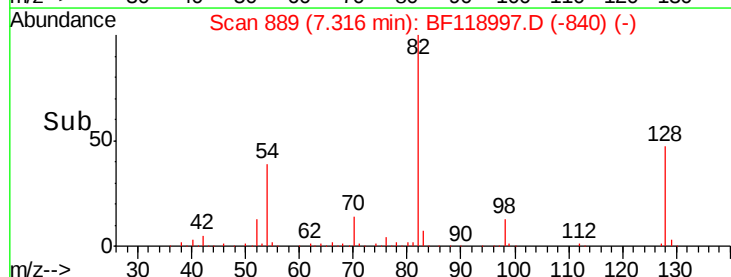
54 39.4 31.3 46.9

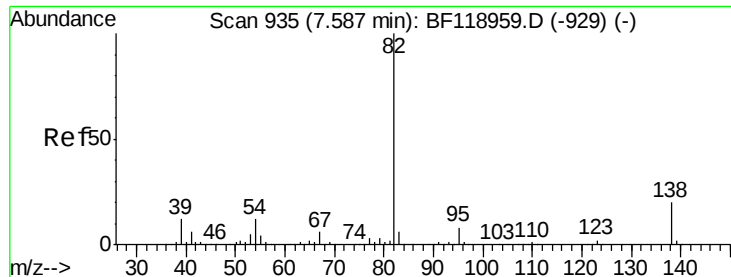


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.258 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Instrument :

BNA_F

ClientSampled :

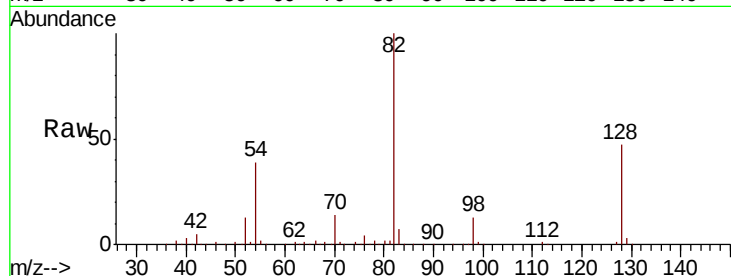
Tot Ion: 82 Resp: 639335

Ion Ratio Lower Upper

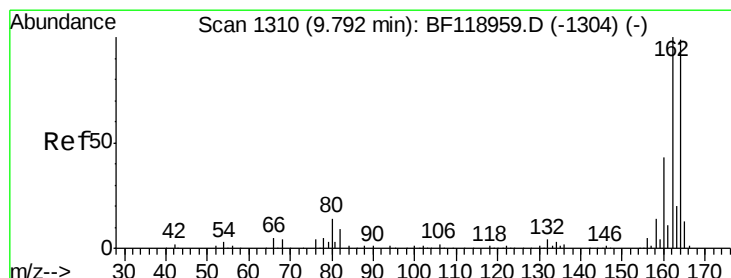
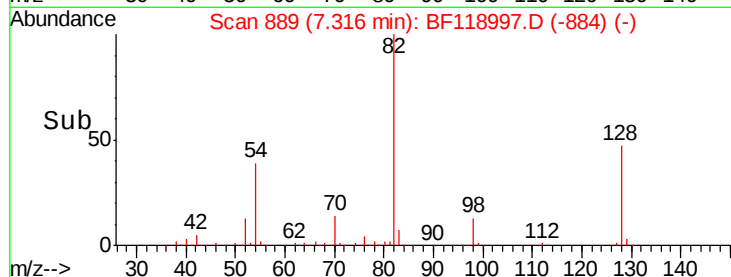
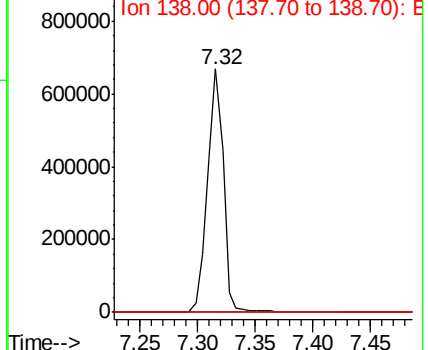
82 100

95 0.0 6.1 9.1#

138 0.0 15.8 23.6#



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

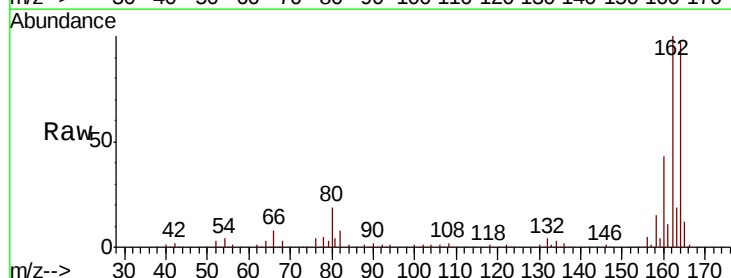
Tgt Ion:164 Resp: 232137

Ion Ratio Lower Upper

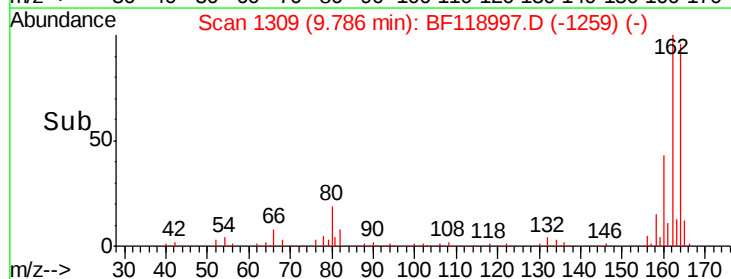
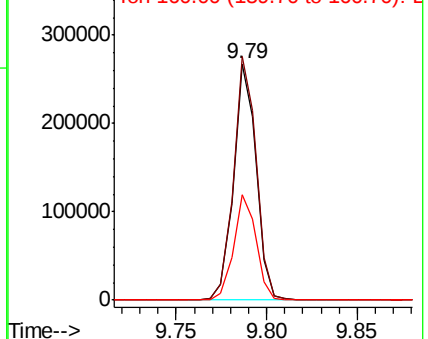
164 100

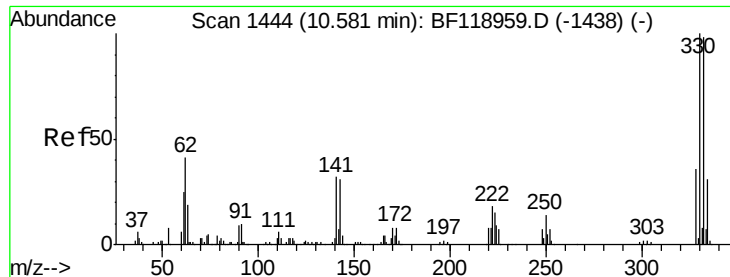
162 103.0 81.2 121.8

160 44.7 35.2 52.8



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

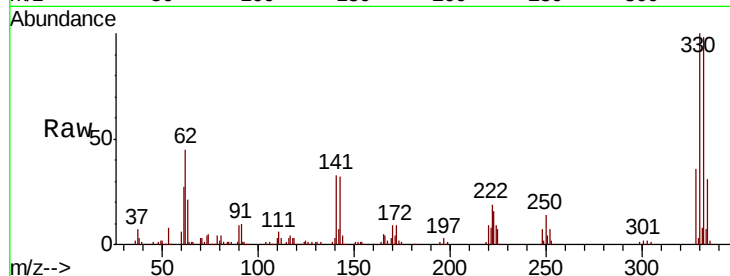




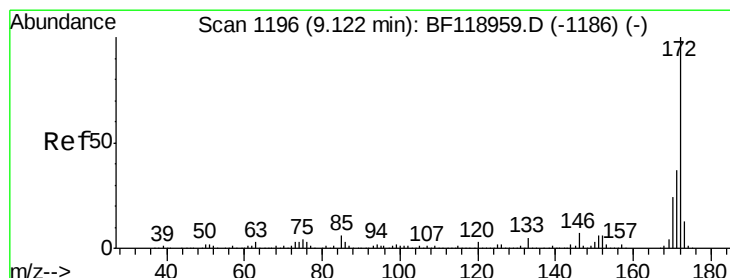
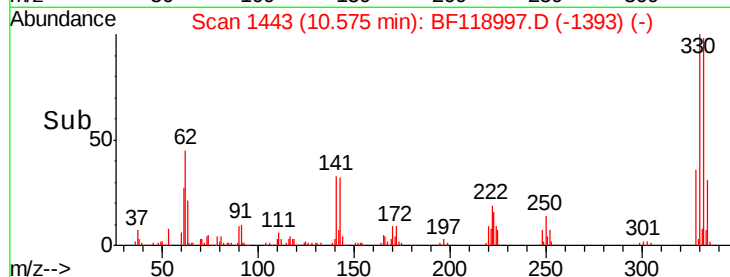
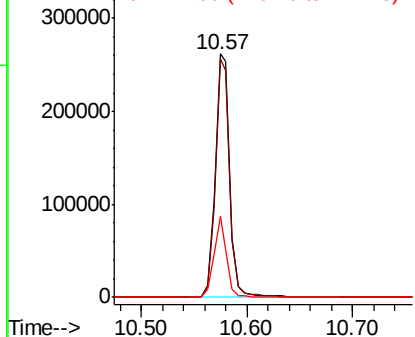
#42
 2,4,6-Tribromophenol
 Concen: 84.783 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118997.D
 Acq: 21 Feb 2020 17:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 257464
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 28.5 23.0 34.6

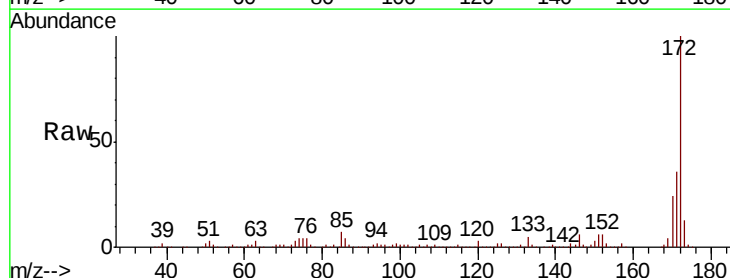


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

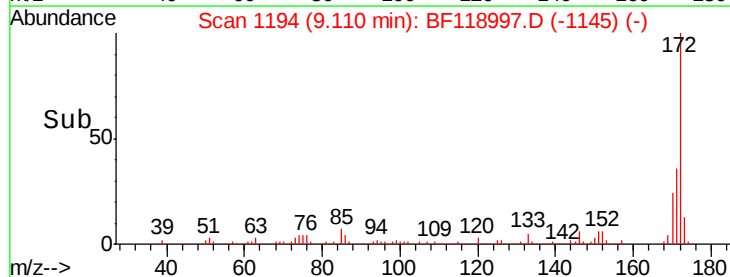
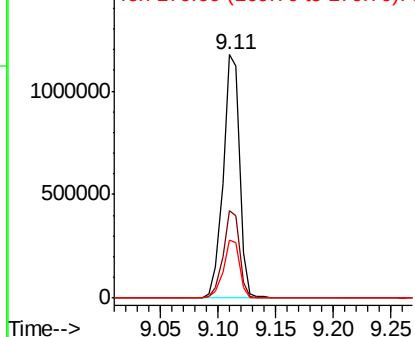


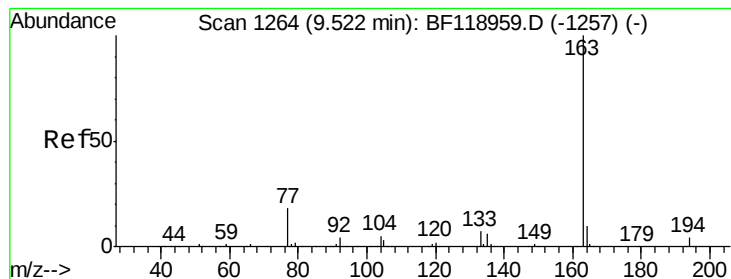
#45
 2-Fluorobiphenyl
 Concen: 73.635 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF118997.D
 Acq: 21 Feb 2020 17:20

Tgt Ion:172 Resp: 1160310
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 23.8 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: 8.916 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Instrument :

BNA_F

ClientSampleId :

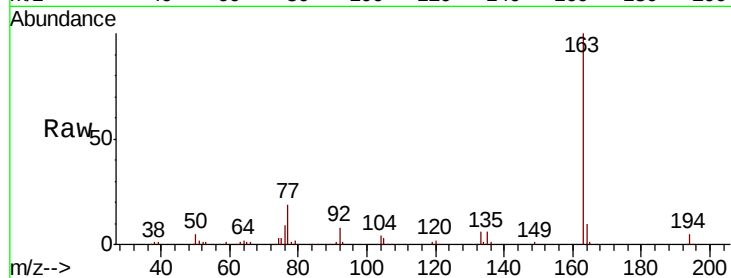
Tot Ion:163 Resp: 158260

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

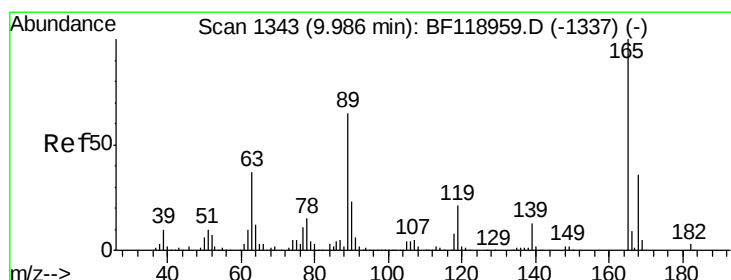
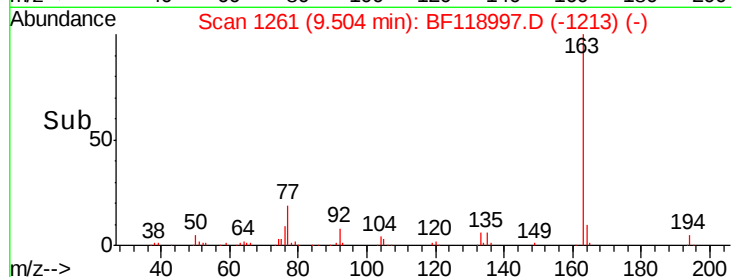
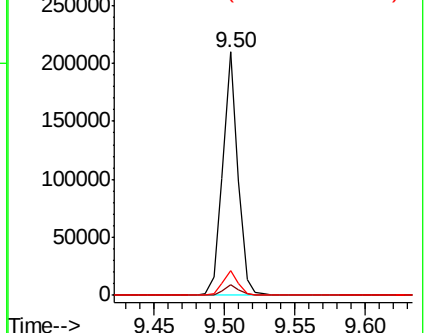
164 10.3 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 5.740 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF118997.D

Acq: 21 Feb 2020 17:20

Tgt Ion:165 Resp: 29340

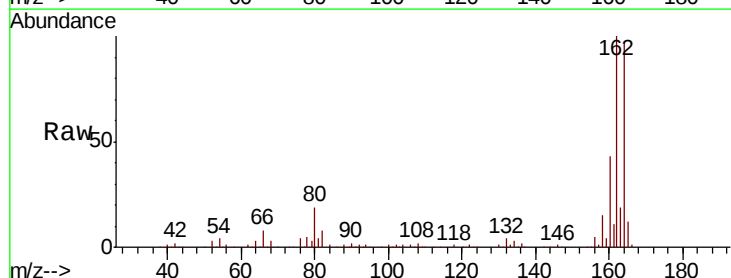
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.8#

89 1.4 51.9 77.9#

182 0.0 2.3 3.5#

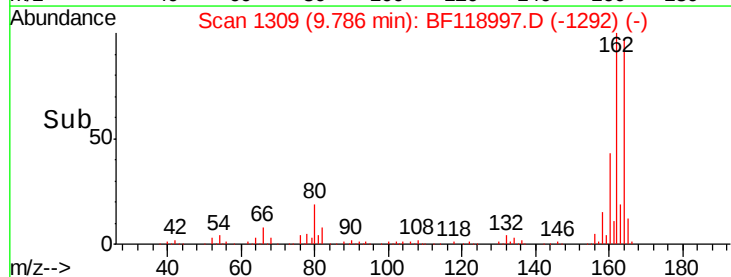
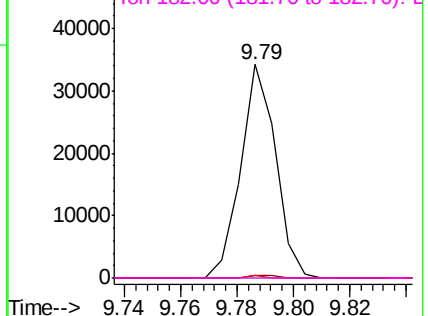


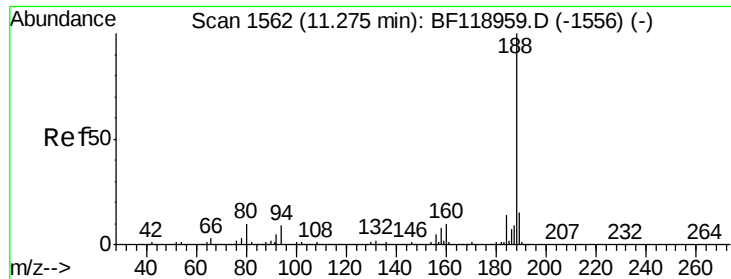
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

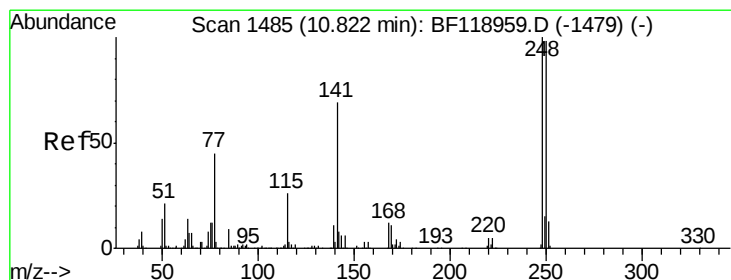
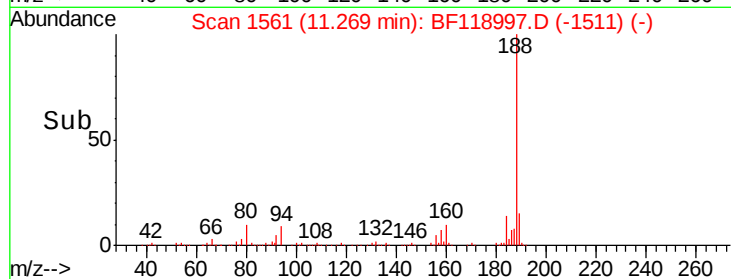
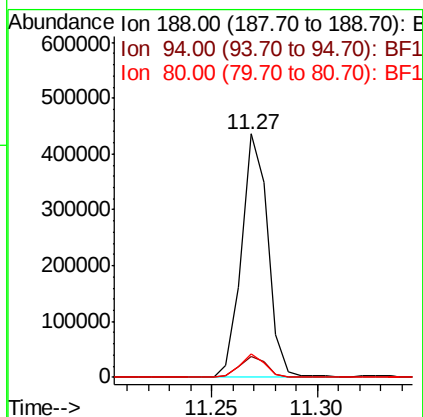
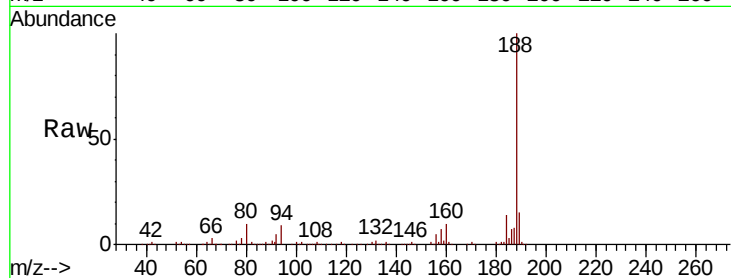




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF118997.D
Acq: 21 Feb 2020 17:20

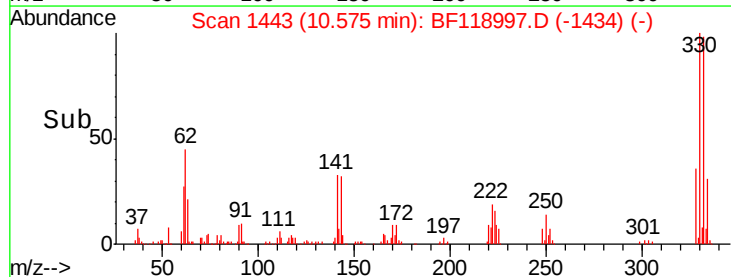
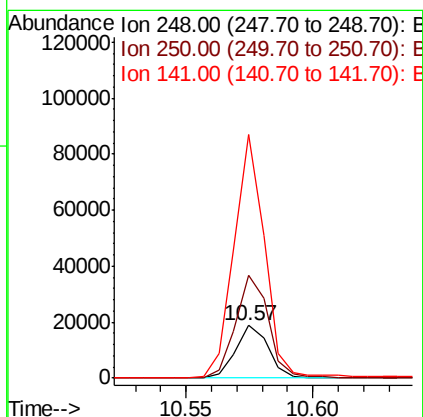
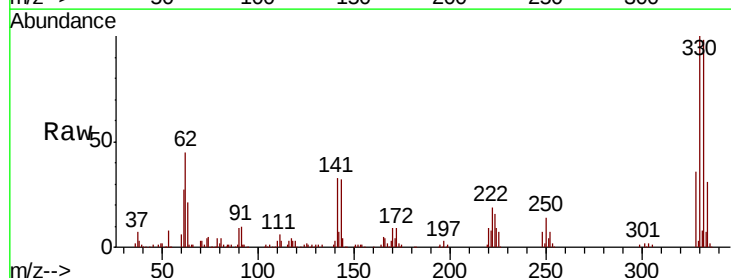
Instrument :
BNA_F
ClientSampled :

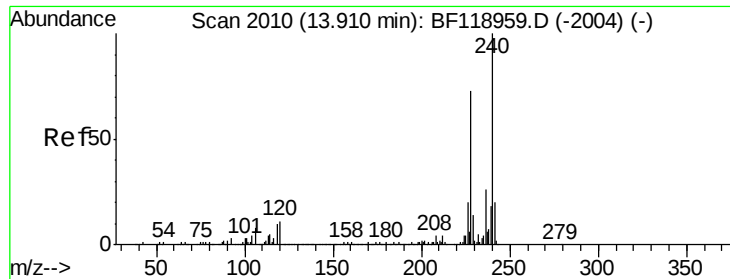
Tot Ion:188 Resp: 375892
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.409 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF118997.D
Acq: 21 Feb 2020 17:20

Tgt Ion:248 Resp: 16752
Ion Ratio Lower Upper
248 100
250 195.1 78.8 118.2#
141 463.0 55.3 82.9#

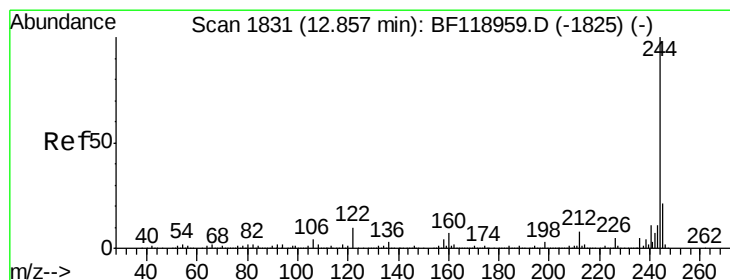
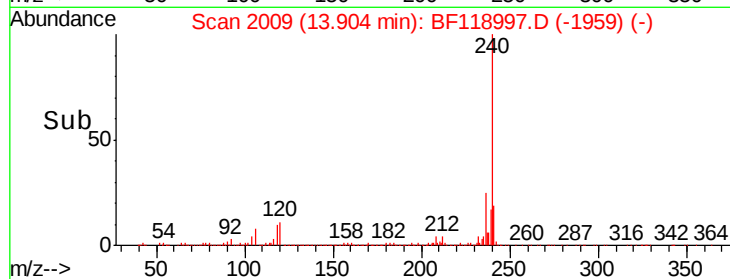
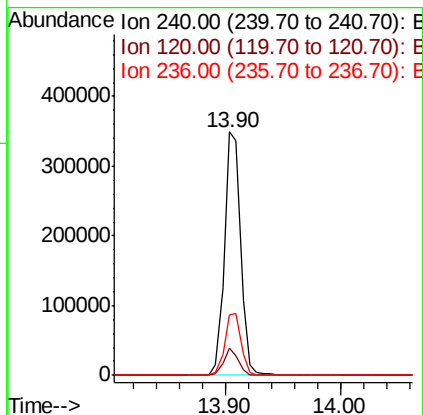
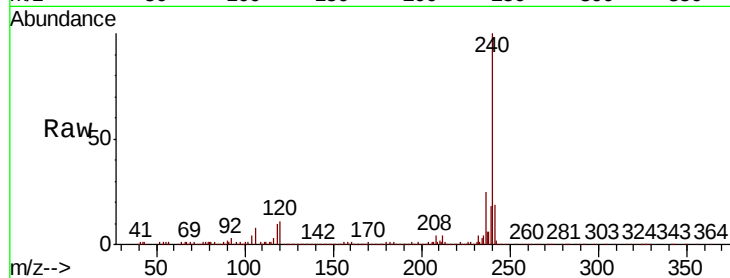




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF118997.D
 Acq: 21 Feb 2020 17:20

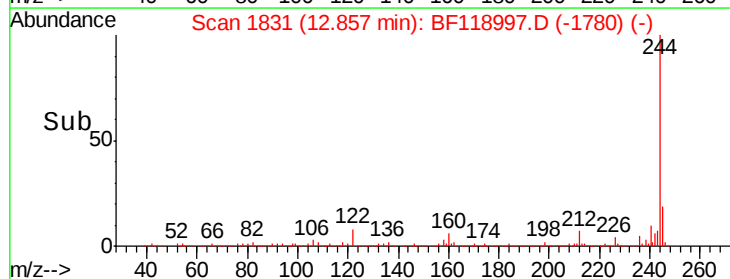
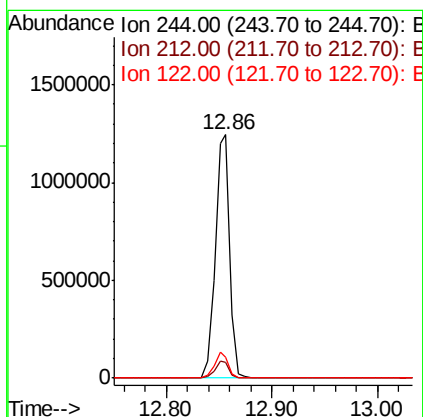
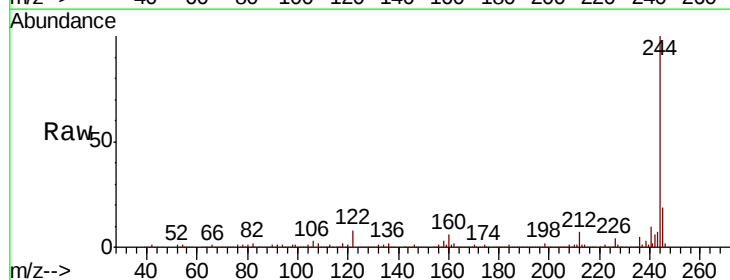
Instrument :
 BNA_F
 ClientSampleId :

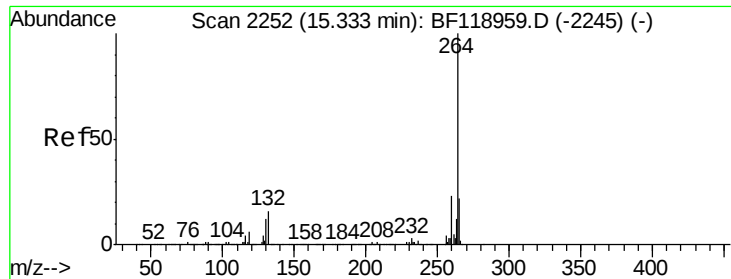
Tot Ion:240 Resp: 340384
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.9 13.3
 236 25.1 20.6 30.8



#79
 Terphenyl-d14
 Concen: 60.853 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF118997.D
 Acq: 21 Feb 2020 17:20

Tgt Ion:244 Resp: 1203096
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.3 9.5
 122 8.4 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: BF118997.D
Acq: 21 Feb 2020 17:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.6	17.3	25.9

