

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119112.D
 Acq On : 27 Feb 2020 16:13
 Operator : CG/JU
 Sample : L1694-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:54:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

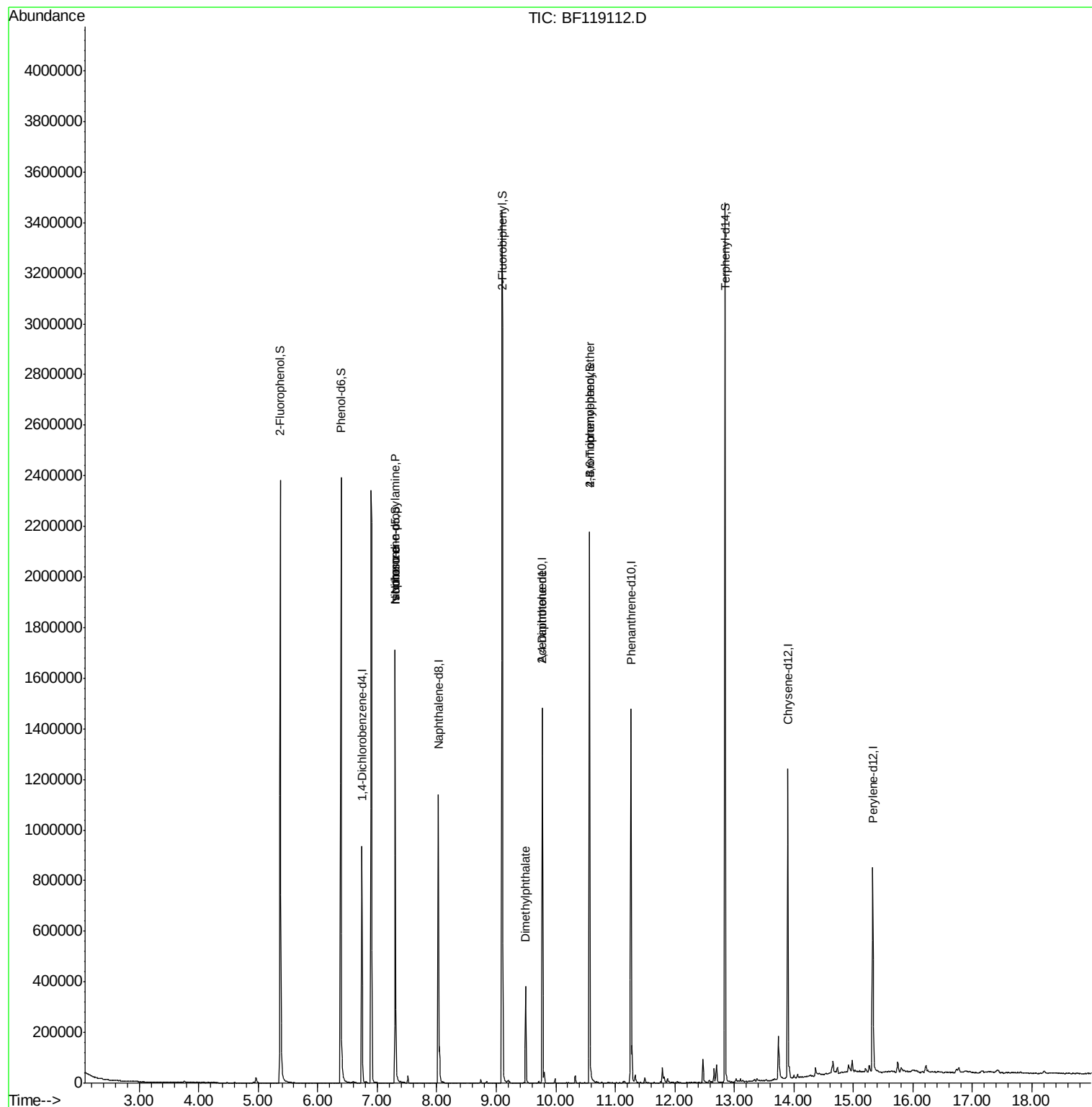
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	147014	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	588182	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	324687	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	577832	20.00	ng	0.00
76) Chrysene-d12	13.90	240	424848	20.00	ng	0.00
87) Perylene-d12	15.32	264	391019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	780549	88.73	ng	0.00
7) Phenol-d6	6.39	99	939946	87.86	ng	-0.01
23) Nitrobenzene-d5	7.30	82	618140	55.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	316380	74.49	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1162147	52.73	ng	-0.01
79) Terphenyl-d14	12.84	244	1261739	51.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	84357	13.531	ng	# 74
25) Isophorone	7.30	82	608367	31.446	ng	# 63
50) Dimethylphthalate	9.49	163	164698	6.634	ng	100
57) 2,4-Dinitrotoluene	9.77	165	40773	5.703	ng	# 21
67) 4-Bromophenyl-phenylether	10.57	248	20254	2.682	ng	# 1

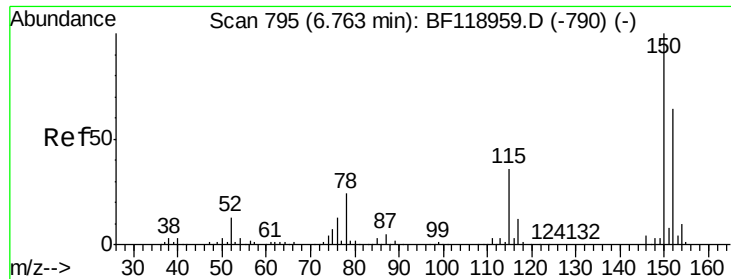
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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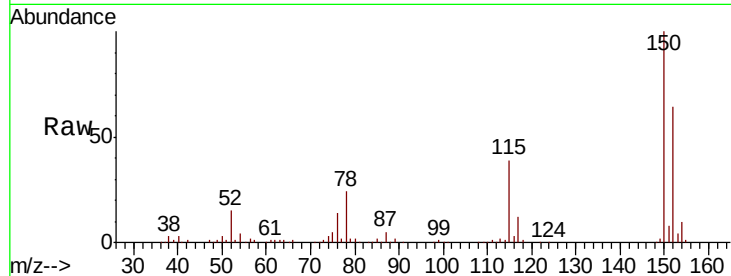


#1

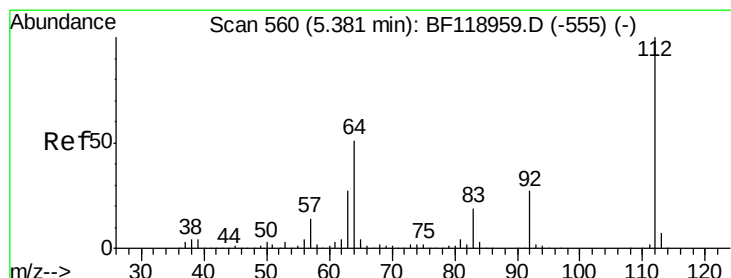
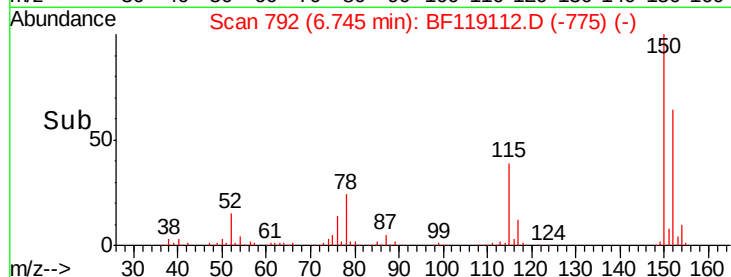
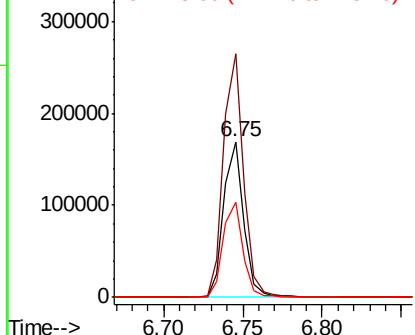
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119112.D
Acq: 27 Feb 2020 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147014
Ion Ratio Lower Upper
152 100
150 156.5 123.0 184.6
115 60.8 49.5 74.3



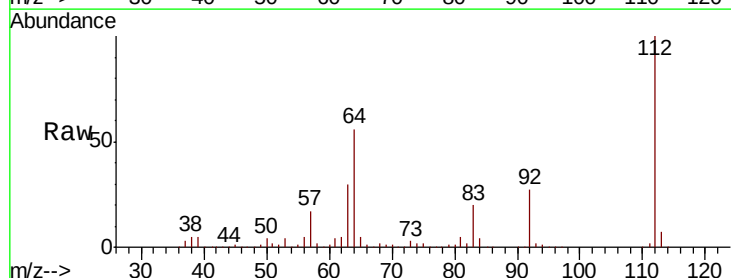
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



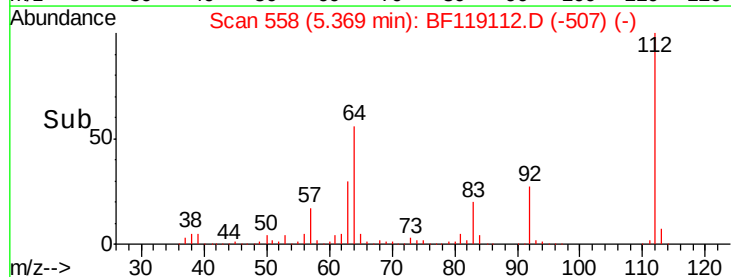
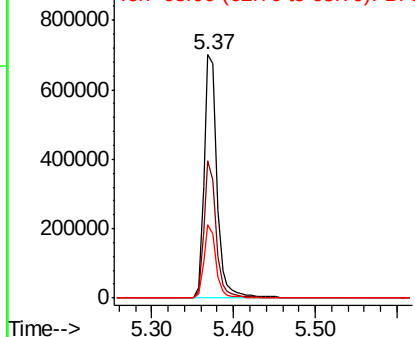
#5

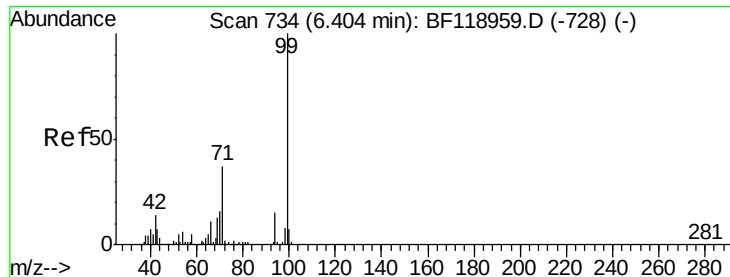
2-Fluorophenol
Concen: 88.729 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119112.D
Acq: 27 Feb 2020 16:13

Tgt Ion:112 Resp: 780549
Ion Ratio Lower Upper
112 100
64 56.2 45.0 67.4
63 30.0 24.2 36.4



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: 87.855 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

Instrument :

BNA_F

ClientSampleId :

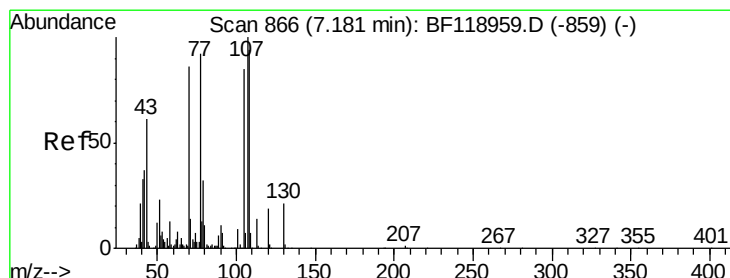
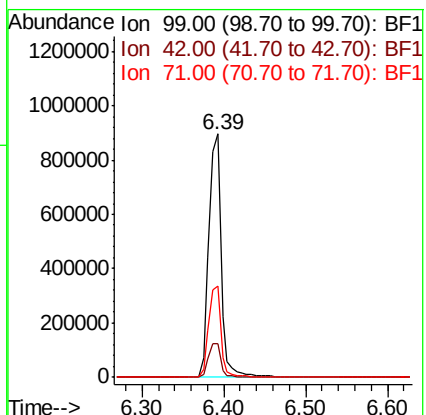
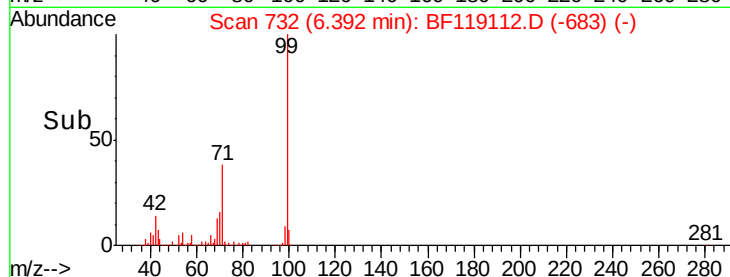
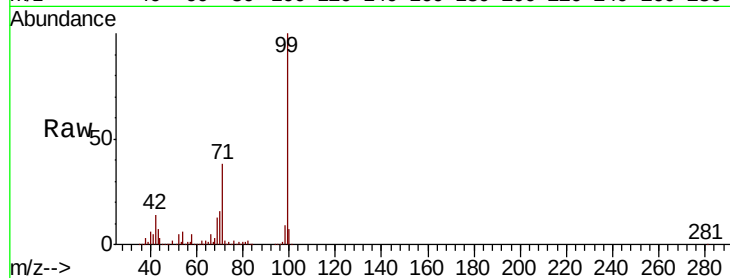
Tot Ion: 99 Resp: 939946

Ion Ratio Lower Upper

99 100

42 14.0 12.6 18.8

71 37.6 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.531 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

Tgt Ion: 70 Resp: 84357

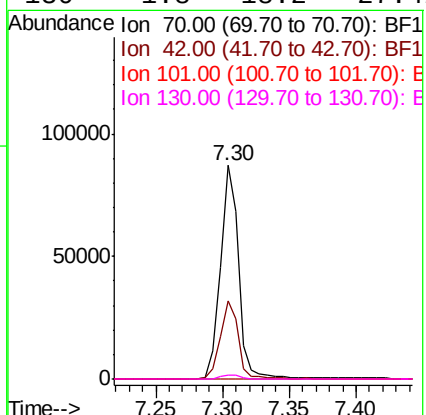
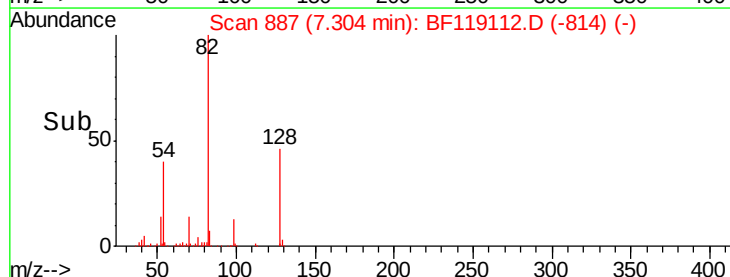
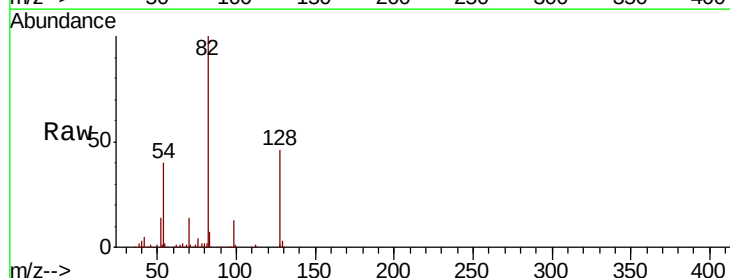
Ion Ratio Lower Upper

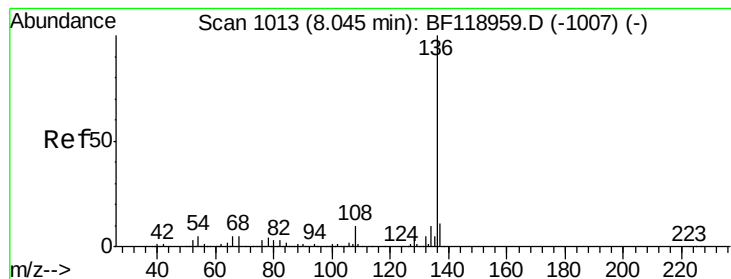
70 100

42 36.5 38.0 57.0#

101 0.0 8.2 12.4#

130 1.8 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 588182

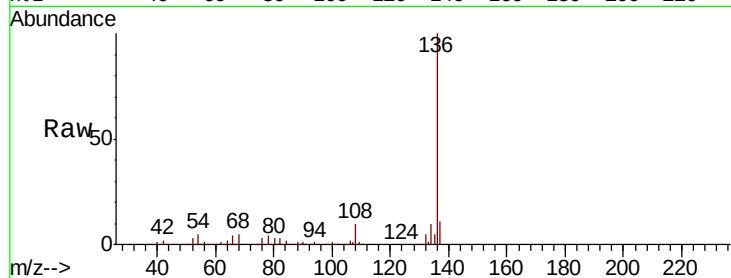
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.5 3.8 5.6

68 4.7 3.9 5.9

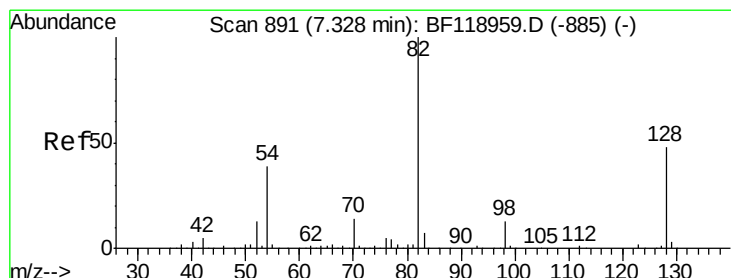
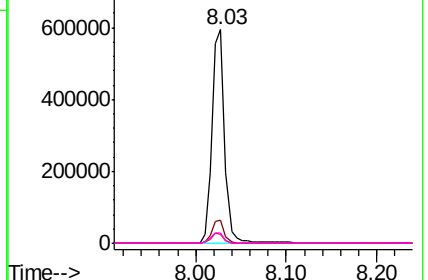
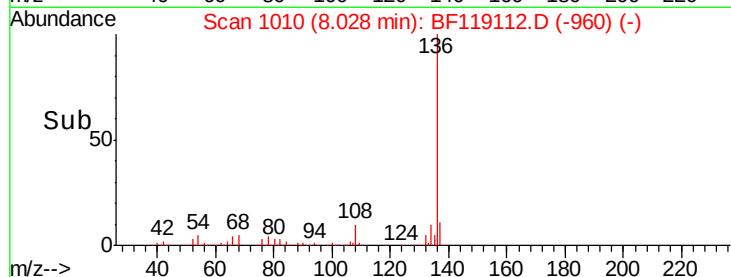


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.489 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

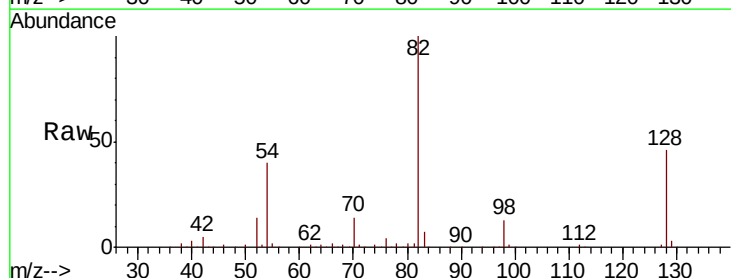
Tgt Ion: 82 Resp: 618140

Ion Ratio Lower Upper

82 100

128 46.0 37.9 56.9

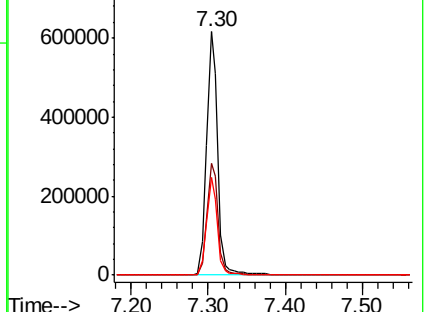
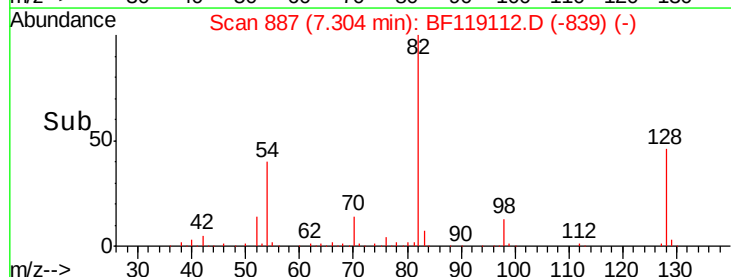
54 40.2 33.4 50.2

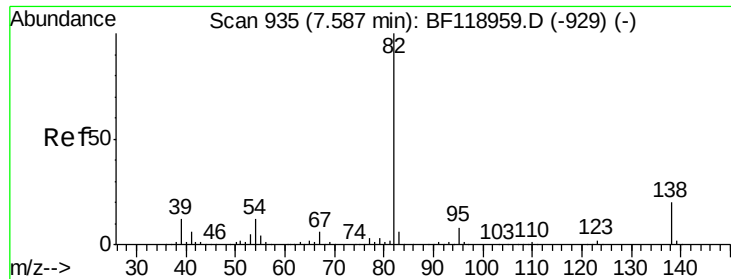


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.446 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

Instrument :

BNA_F

ClientSampleId :

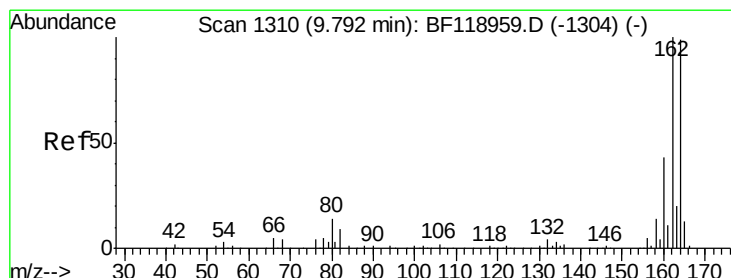
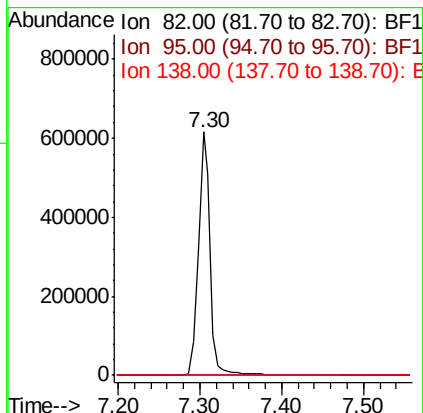
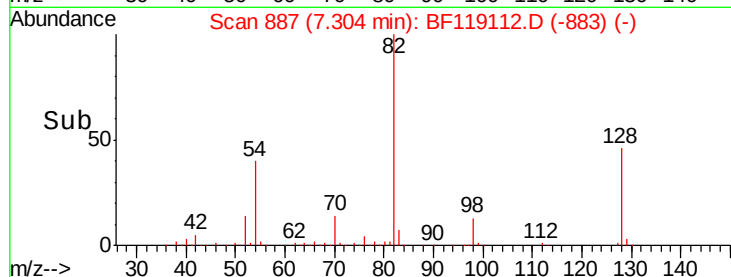
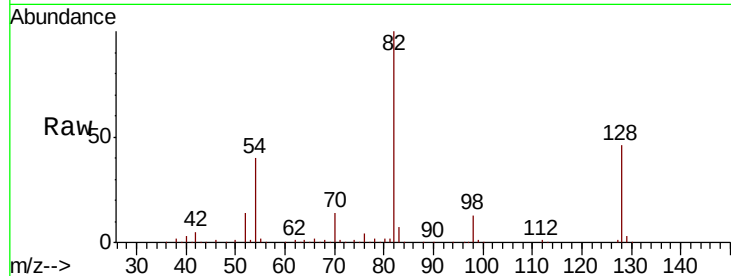
Tot Ion: 82 Resp: 608367

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

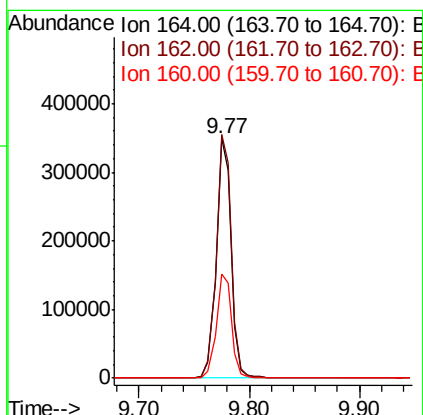
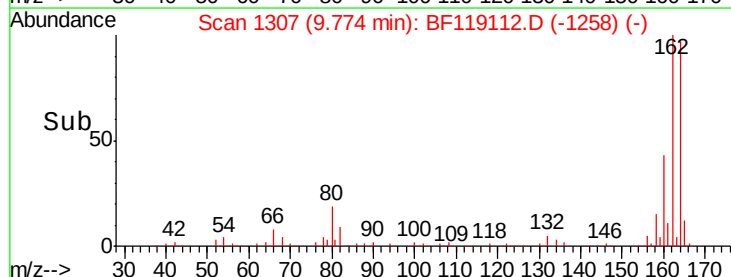
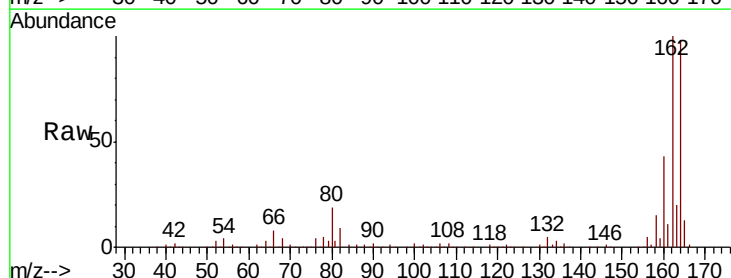
Tgt Ion:164 Resp: 324687

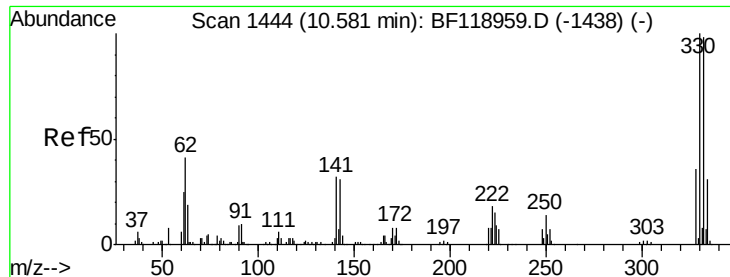
Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.8

160 43.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 74.487 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

Instrument :

BNA_F

ClientSampleId :

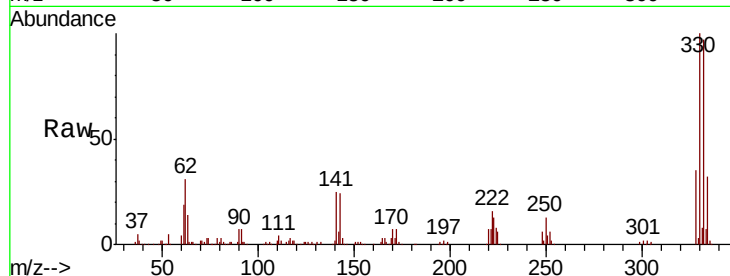
Tot Ion:330 Resp: 316380

Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

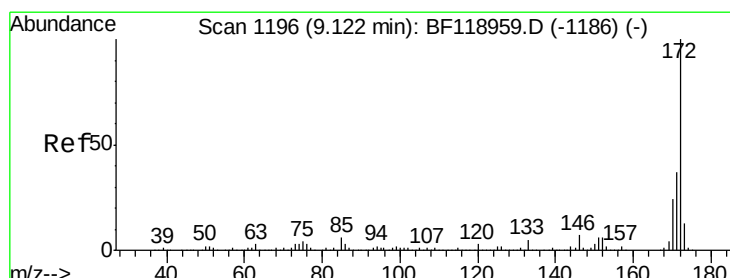
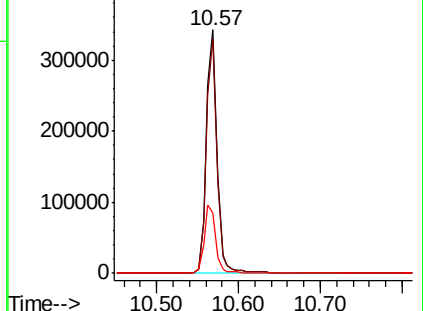
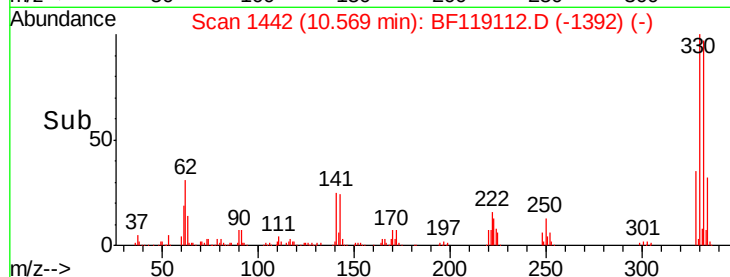
141 29.8 22.9 34.3



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: 52.729 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

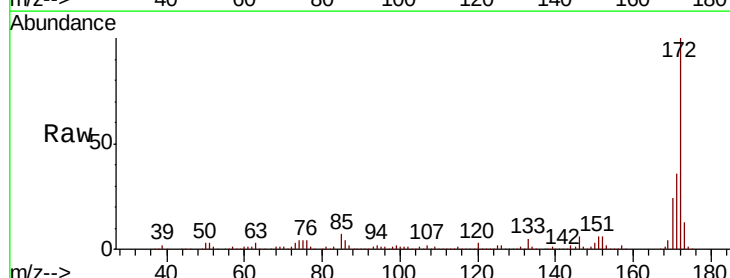
Tgt Ion:172 Resp: 1162147

Ion Ratio Lower Upper

172 100

171 36.2 30.6 45.8

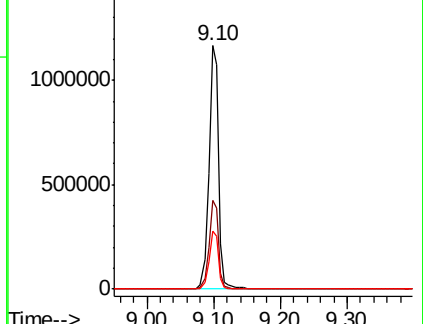
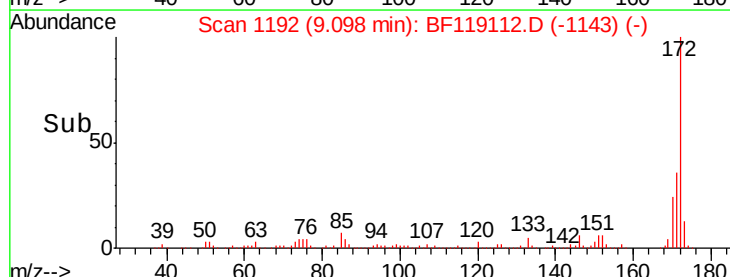
170 23.8 20.2 30.2

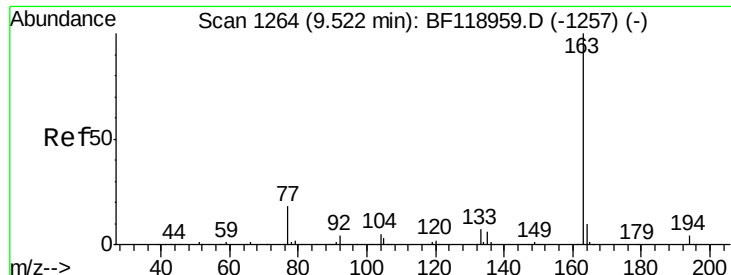


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.634 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

Instrument :

BNA_F

ClientSampleId :

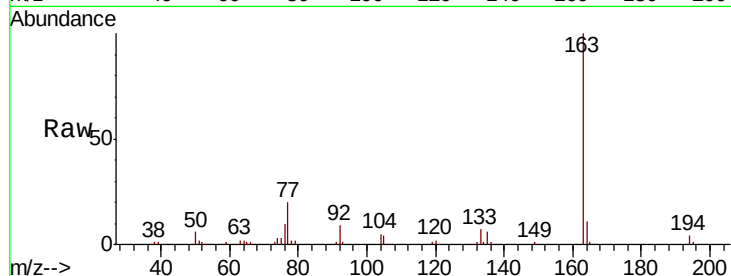
Tot Ion:163 Resp: 164698

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

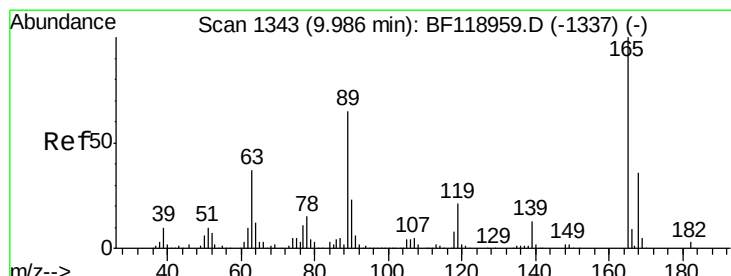
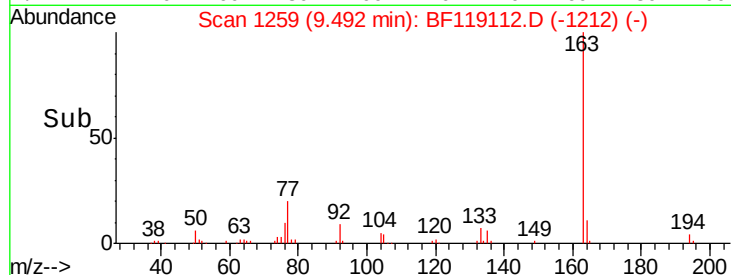
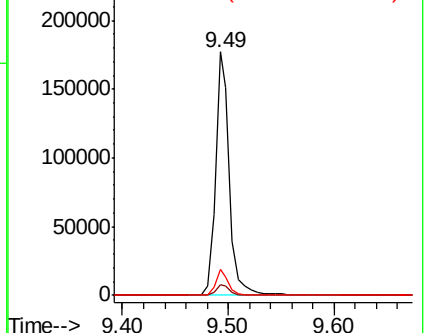
164 10.6 8.4 12.6



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: 5.703 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.21 min

Lab File: BF119112.D

Acq: 27 Feb 2020 16:13

Tgt Ion:165 Resp: 40773

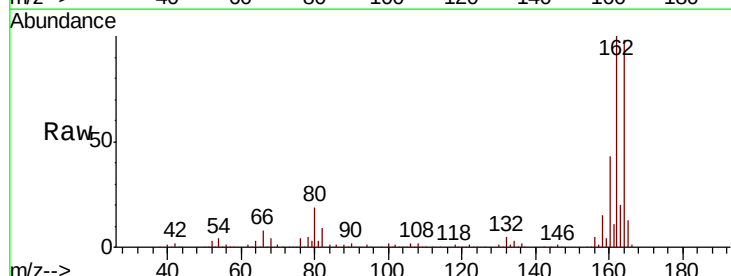
Ion Ratio Lower Upper

165 100

63 1.1 42.3 63.5#

89 1.4 60.2 90.4#

182 0.0 2.3 3.5#

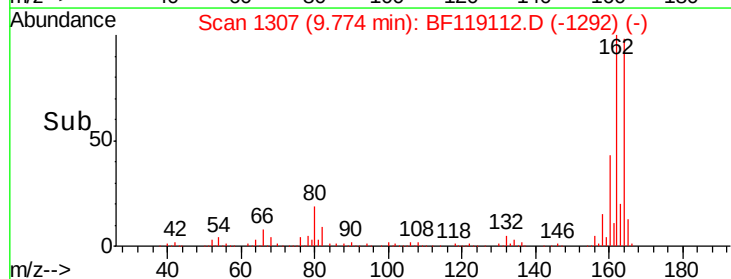
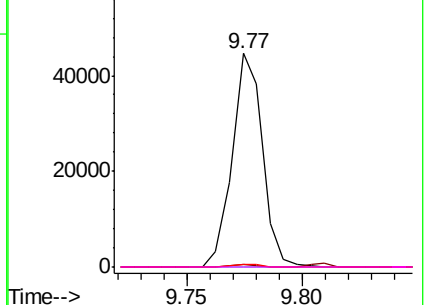


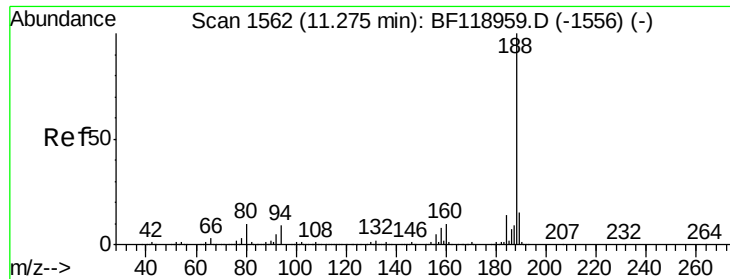
Abundance Ion 165.00 (164.70 to 165.70): E

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

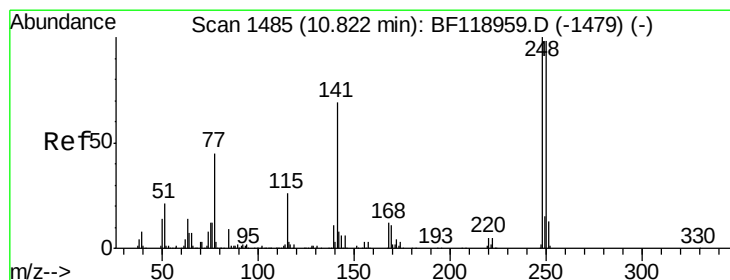
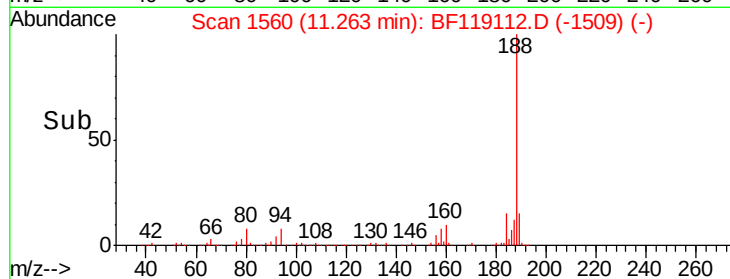
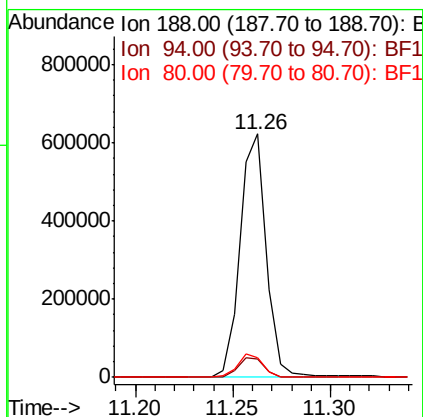
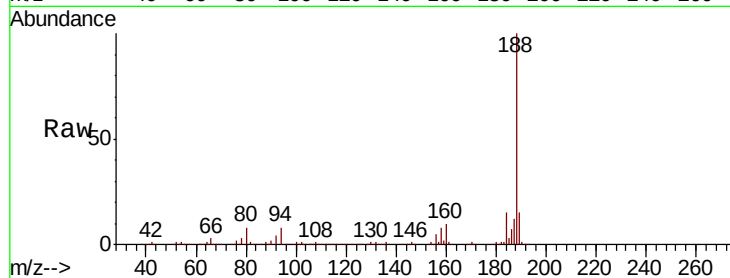




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119112.D
Acq: 27 Feb 2020 16:13

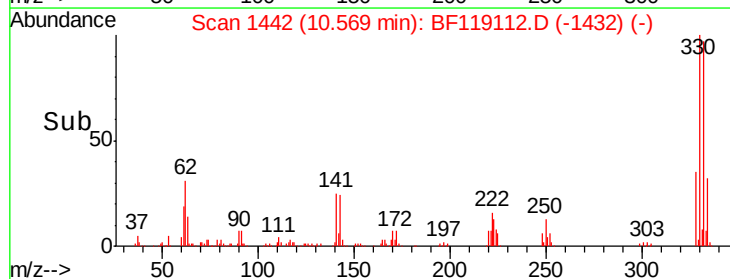
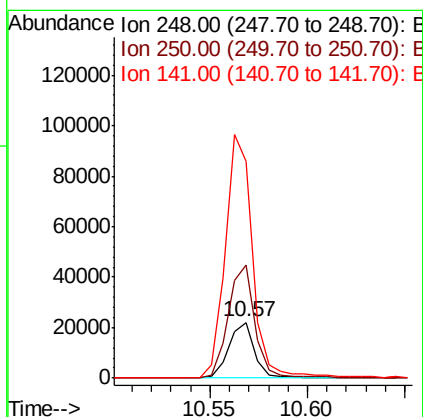
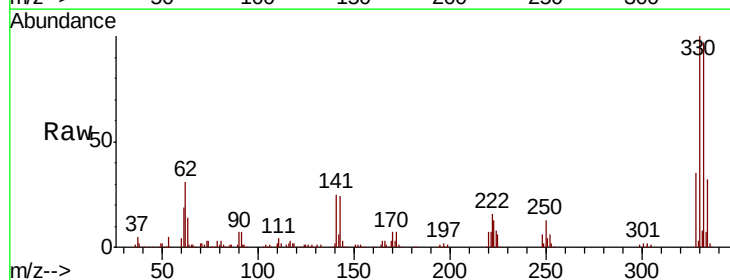
Instrument :
BNA_F
ClientSampleId :

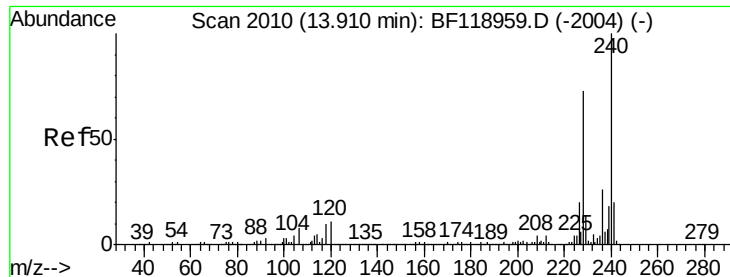
Tot Ion:188 Resp: 577832
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.3 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 2.682 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF119112.D
Acq: 27 Feb 2020 16:13

Tgt Ion:248 Resp: 20254
Ion Ratio Lower Upper
248 100
250 201.9 76.7 115.1#
141 386.0 60.7 91.1#

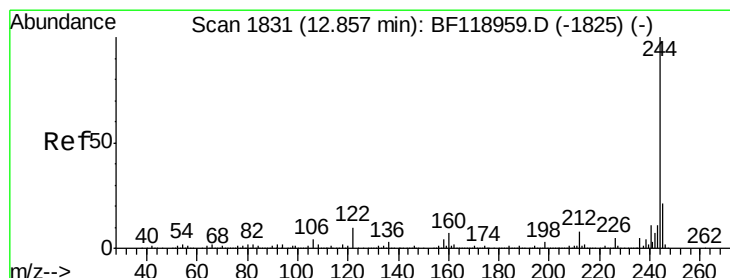
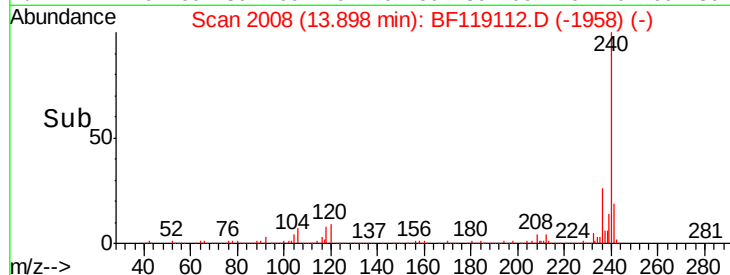
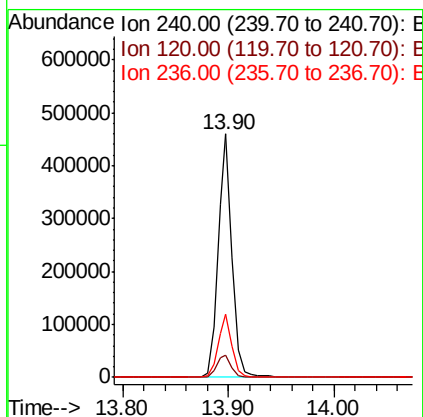
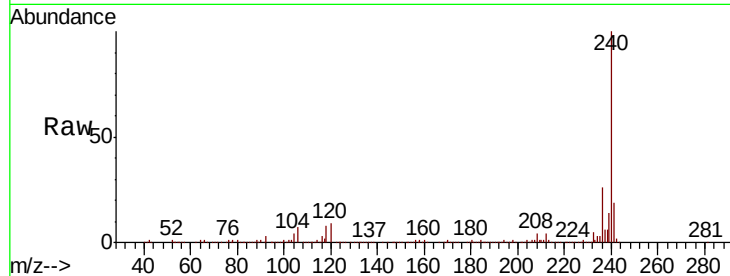




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119112.D
 Acq: 27 Feb 2020 16:13

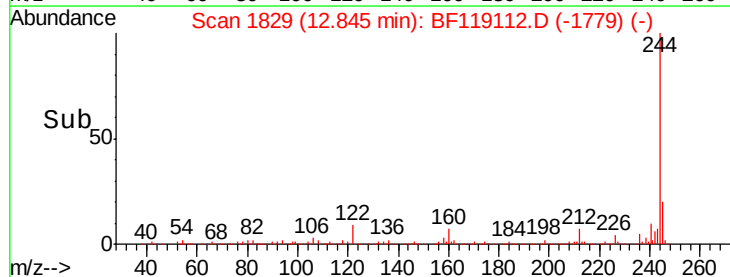
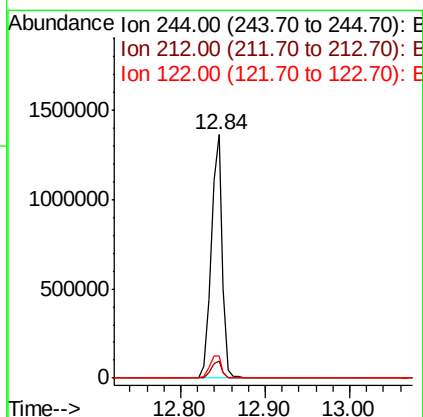
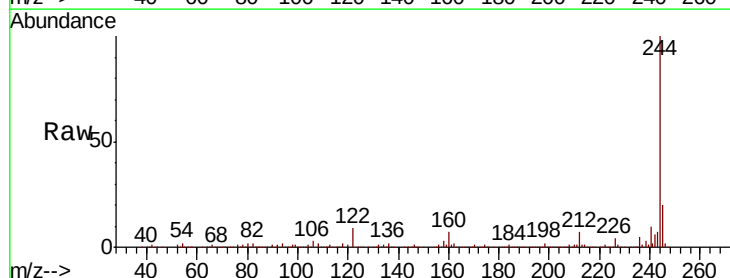
Instrument :
 BNA_F
 ClientSampleId :

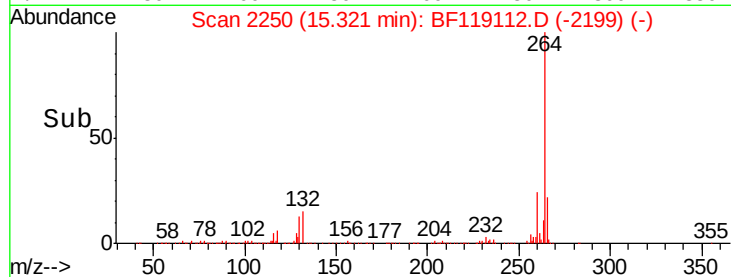
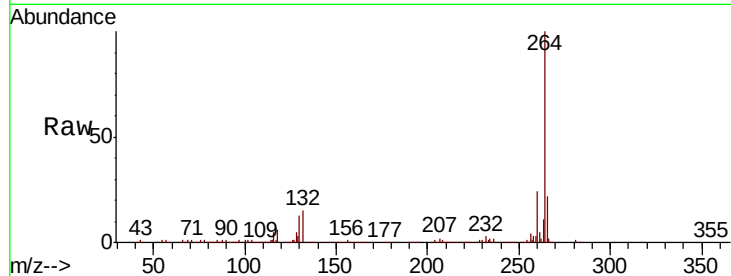
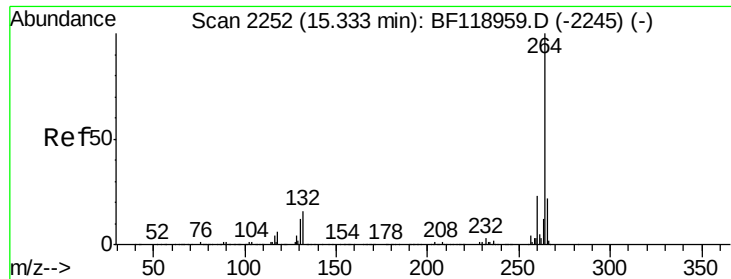
Tot Ion:240 Resp: 424848
 Ion Ratio Lower Upper
 240 100
 120 9.2 8.4 12.6
 236 25.7 21.0 31.4



#79
 Terphenyl-d14
 Concen: 51.131 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119112.D
 Acq: 27 Feb 2020 16:13

Tgt Ion:244 Resp: 1261739
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 10.0
 122 9.2 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119112.D
Acq: 27 Feb 2020 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	17.7	26.5

