

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119229.D
 Acq On : 5 Mar 2020 23:30
 Operator : CG/JU
 Sample : L1775-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 06:30:52 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

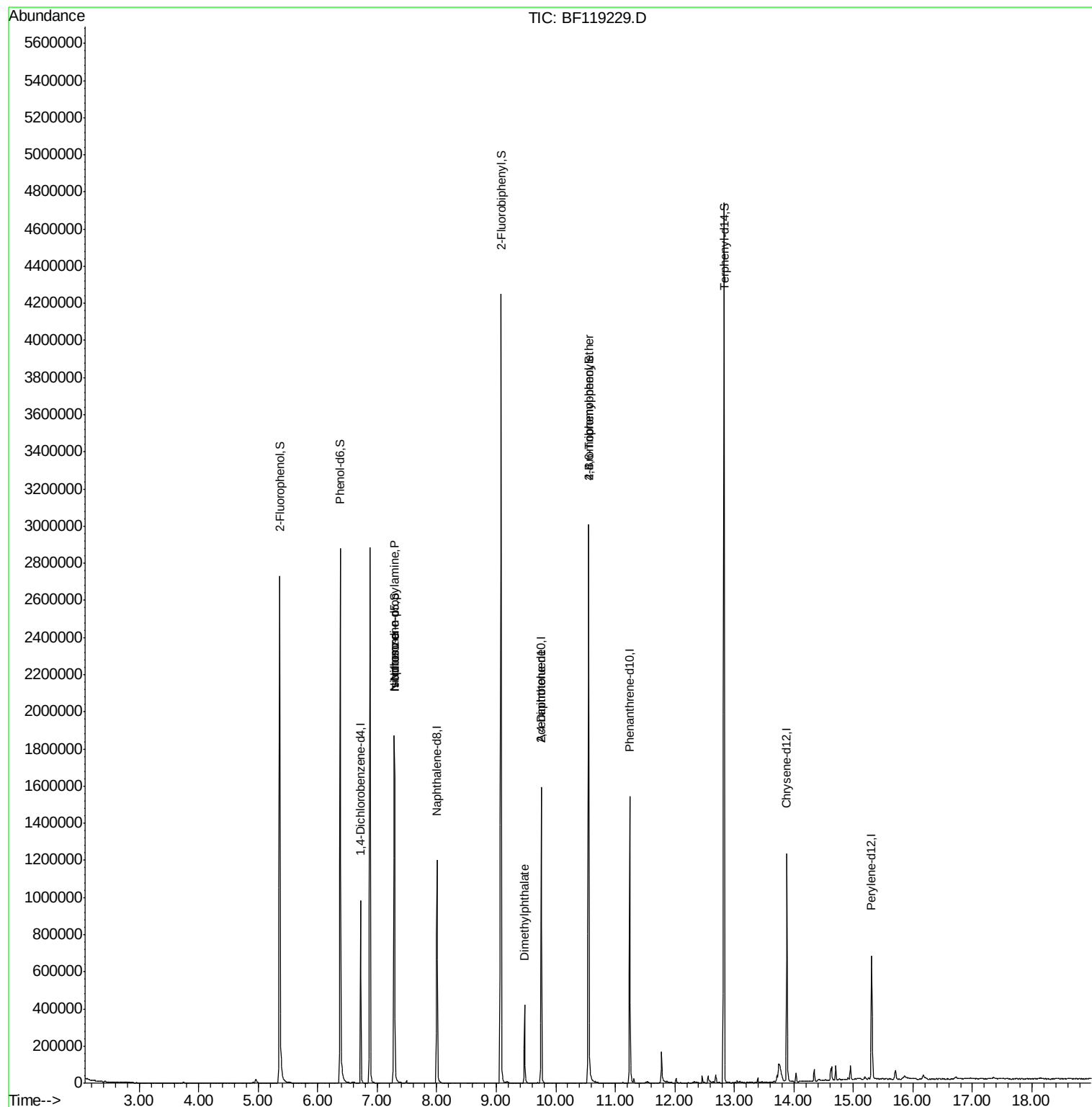
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152174	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	599967	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	337707	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	632740	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	406721	20.00	ng	-0.02
87) Perylene-d12	15.30	264	313184	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	911678	100.12	ng	0.00
7) Phenol-d6	6.38	99	1138375	102.79	ng	-0.02
23) Nitrobenzene-d5	7.29	82	762772	67.13	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	431817	97.75	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1492630	65.11	ng	-0.03
79) Terphenyl-d14	12.83	244	1776339	75.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	106640	16.526	ng	# 76
25) Isophorone	7.29	82	762766	38.652	ng	# 63
50) Dimethylphthalate	9.47	163	190417	7.374	ng	100
57) 2,4-Dinitrotoluene	9.76	165	43138	5.801	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	28302	3.422	ng	# 1

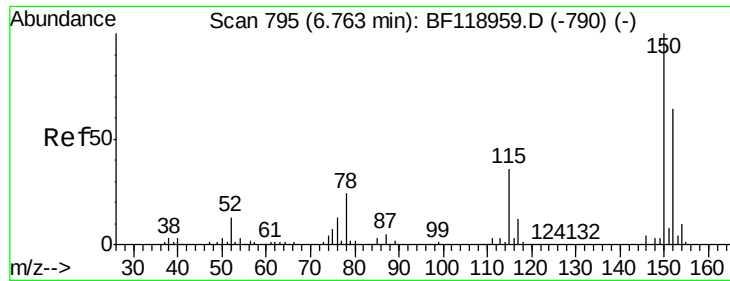
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
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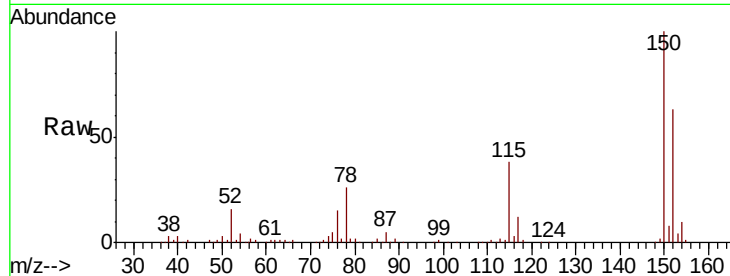


#1

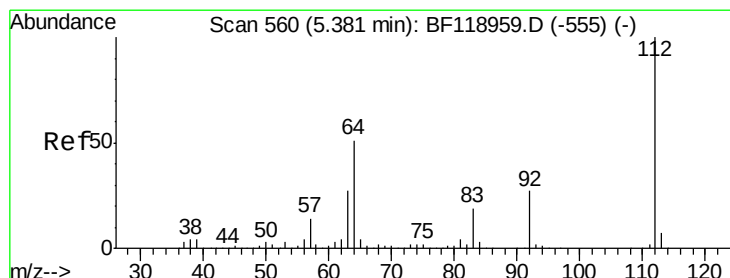
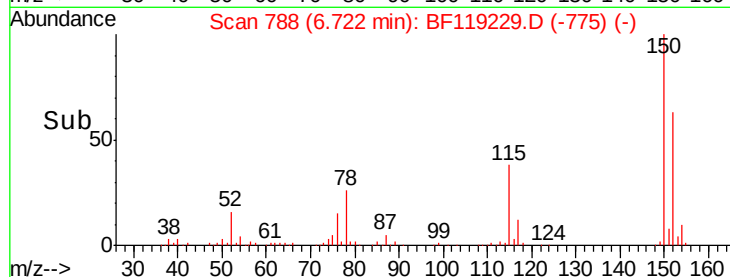
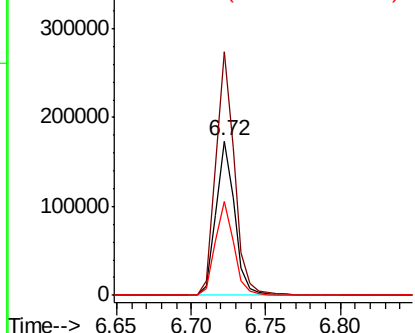
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119229.D
Acq: 5 Mar 2020 23:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152174
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.6
115 60.5 49.5 74.3



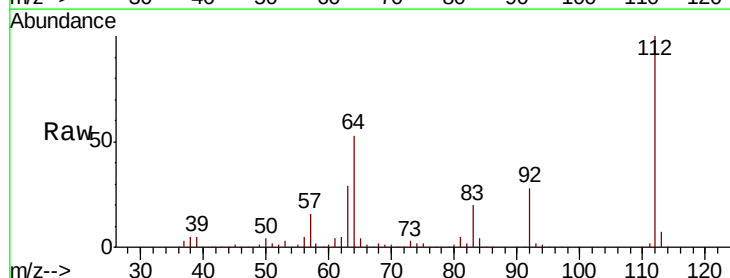
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



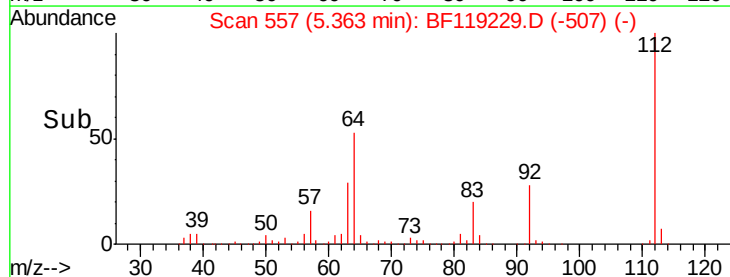
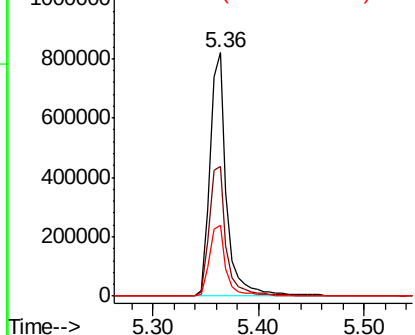
#5

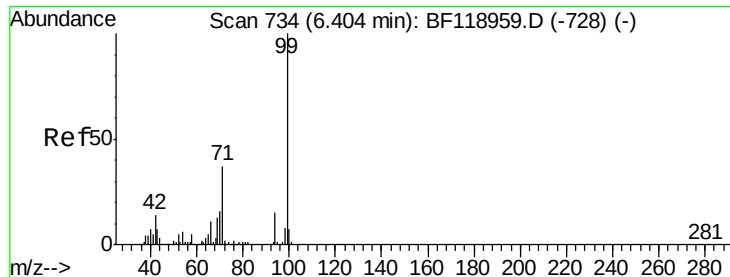
2-Fluorophenol
Concen: 100.121 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119229.D
Acq: 5 Mar 2020 23:30

Tgt Ion:112 Resp: 911678
Ion Ratio Lower Upper
112 100
64 53.5 45.0 67.4
63 29.1 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: 102.794 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119229.D

Acq: 5 Mar 2020 23:30

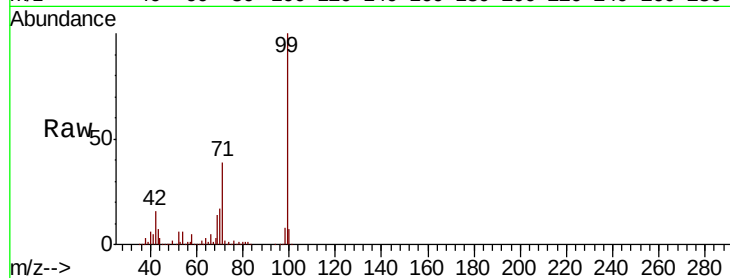
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1138375

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	39.4	31.0	46.4

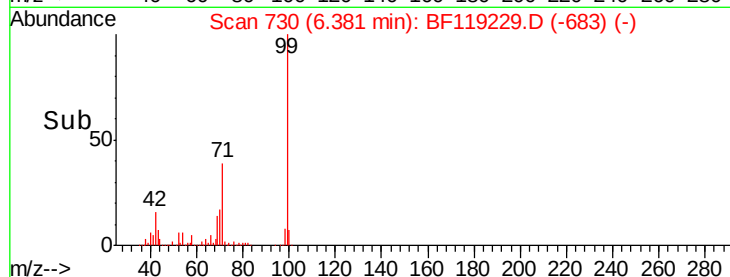


Abundance

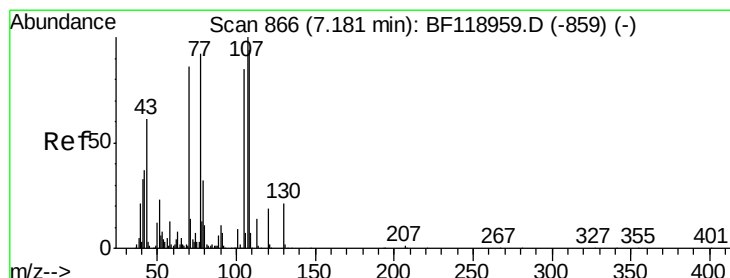
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 16.526 ng

RT: 7.29 min Scan# 884

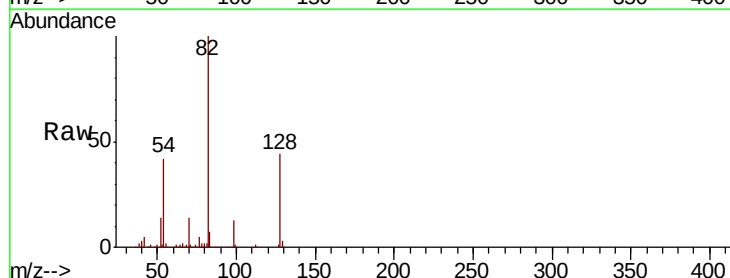
Delta R.T. 0.11 min

Lab File: BF119229.D

Acq: 5 Mar 2020 23:30

Tgt Ion: 70 Resp: 106640

Ion	Ratio	Lower	Upper
70	100		
42	37.9	38.0	57.0#
101	0.0	8.2	12.4#
130	1.9	18.2	27.4#



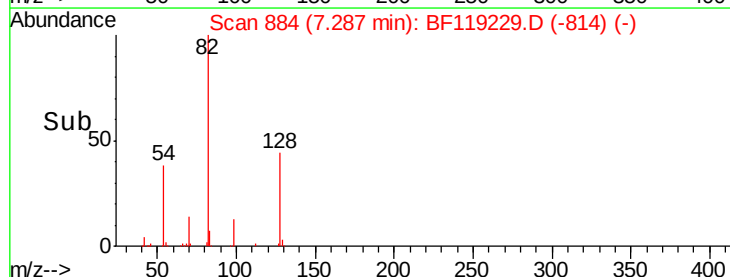
Abundance

Ion 70.00 (69.70 to 70.70): BF1

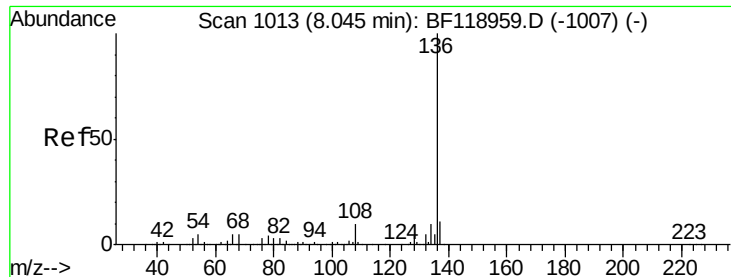
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119229.D

Acq: 5 Mar 2020 23:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 599967

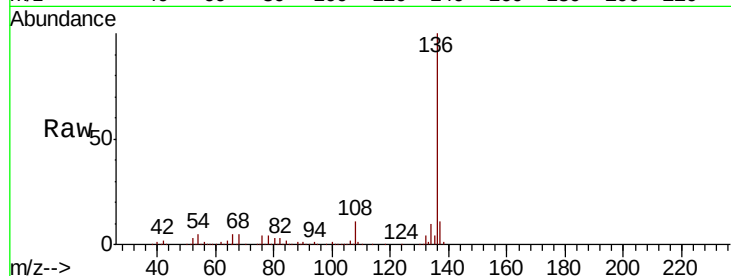
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.1 3.8 5.6

68 5.1 3.9 5.9

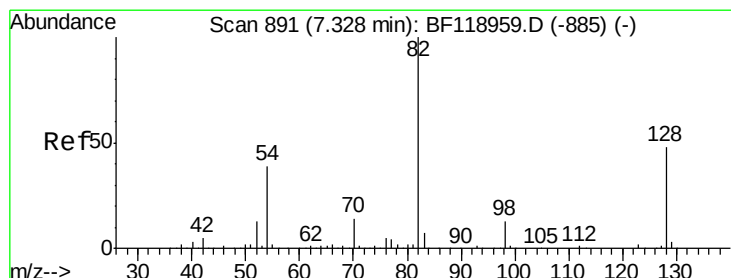
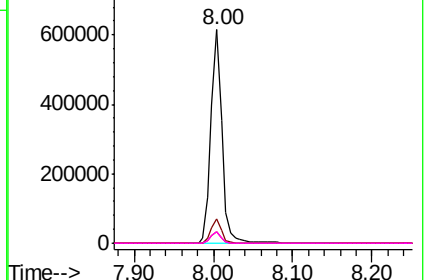
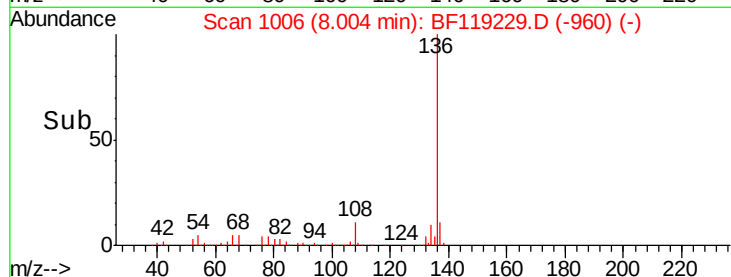


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.128 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF119229.D

Acq: 5 Mar 2020 23:30

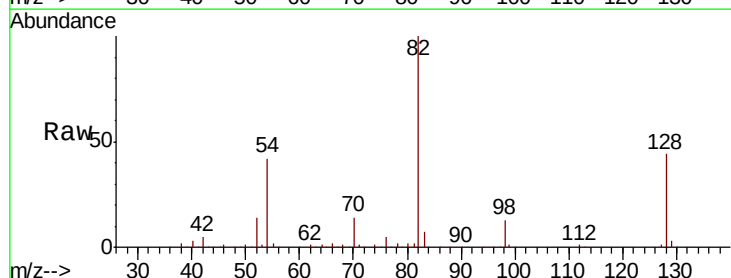
Tgt Ion: 82 Resp: 762772

Ion Ratio Lower Upper

82 100

128 44.5 37.9 56.9

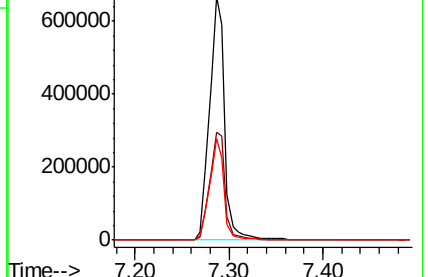
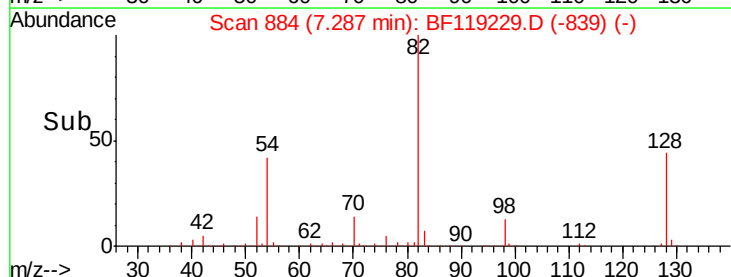
54 41.5 33.4 50.2

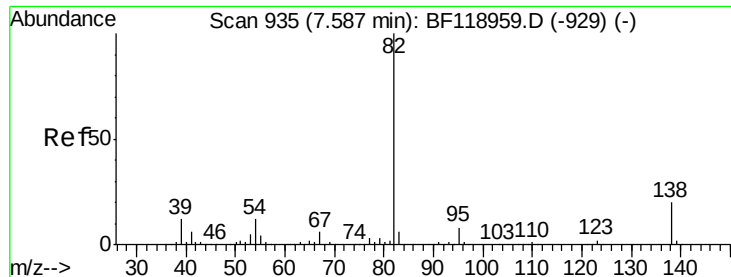


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

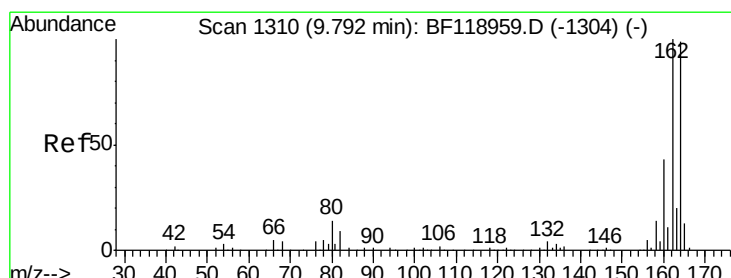
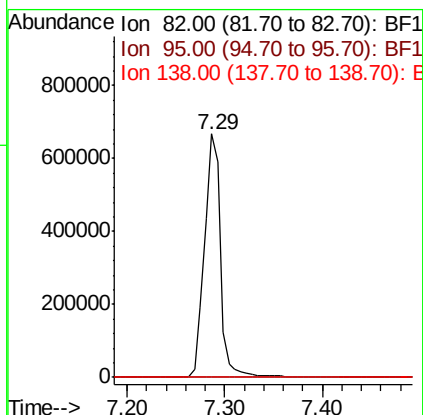
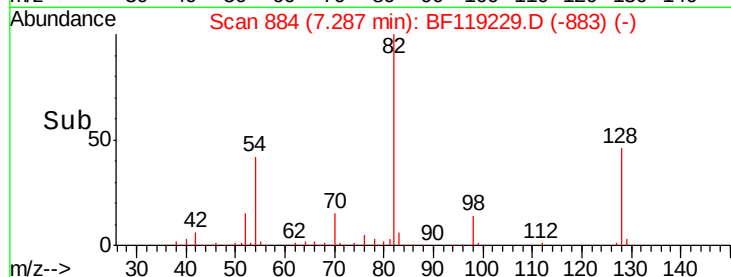
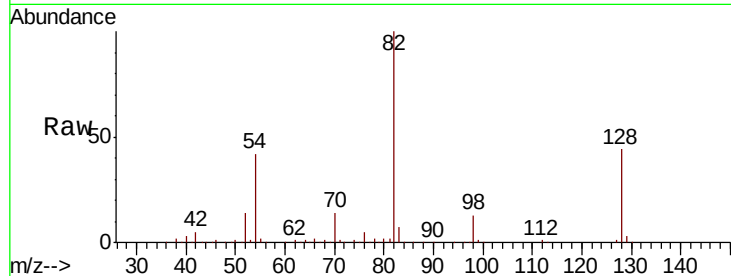




#25
Isophorone
Concen: 38.652 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.29 min
Lab File: BF119229.D
Acq: 5 Mar 2020 23:30

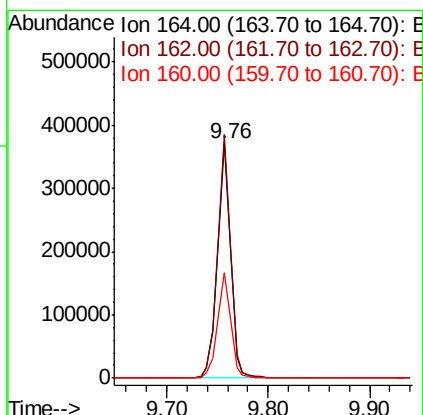
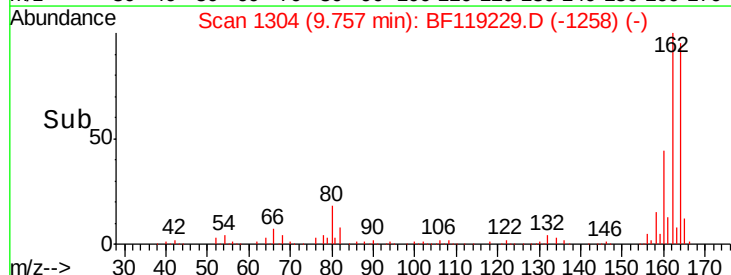
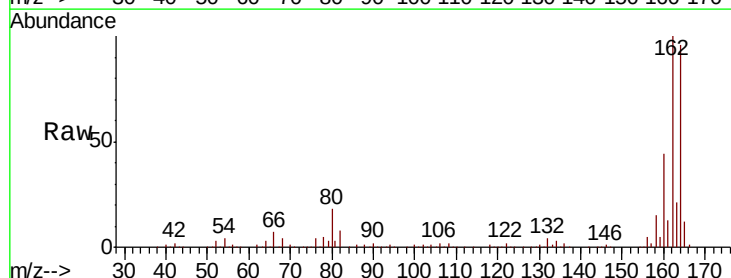
Instrument :
BNA_F
ClientSampleId :

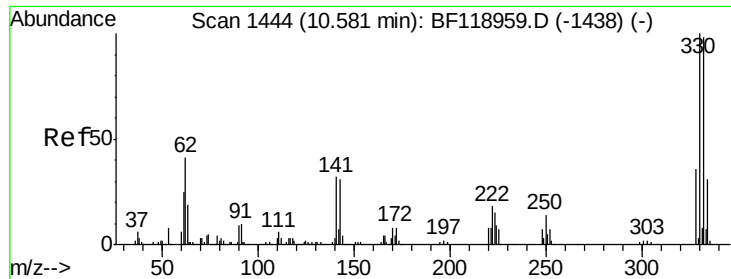
Tot Ion: 82 Resp: 762766
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF119229.D
Acq: 5 Mar 2020 23:30

Tgt Ion:164 Resp: 337707
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.8
160 45.3 36.0 54.0

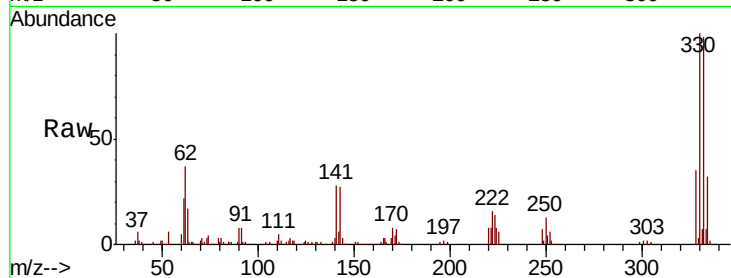




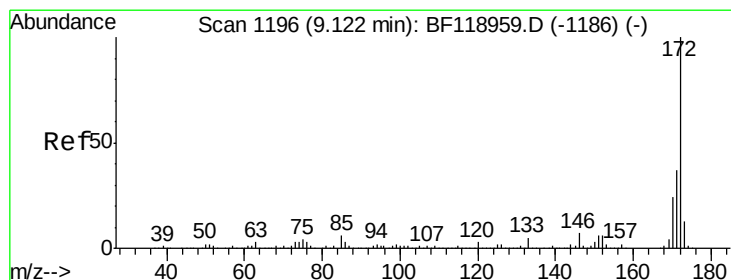
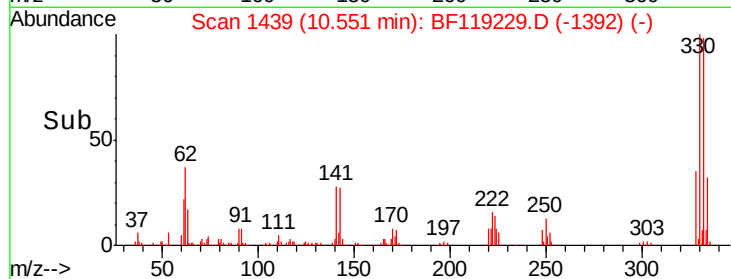
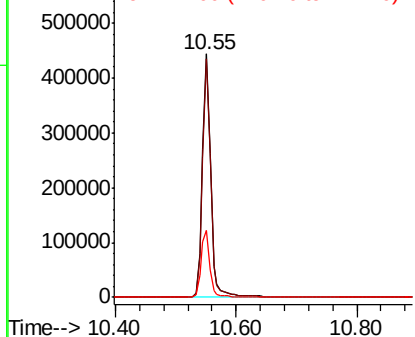
#42
 2,4,6-Tribromophenol
 Concen: 97.745 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119229.D
 Acq: 5 Mar 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 431817
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 29.5 22.9 34.3

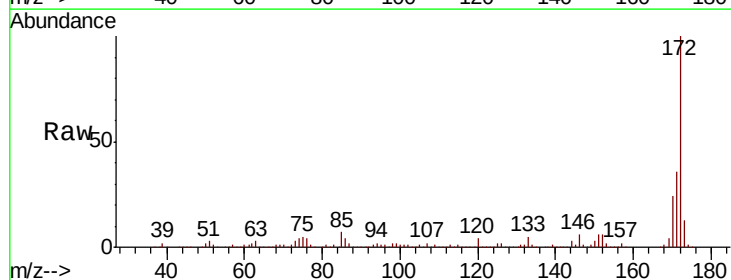


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

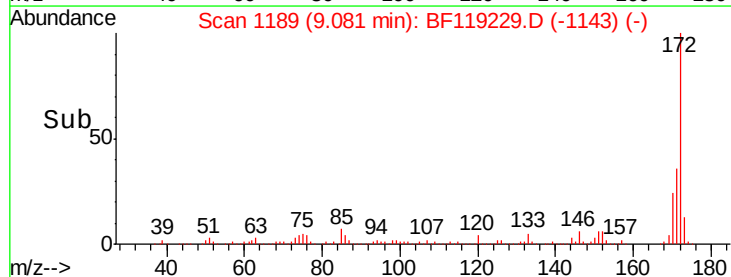
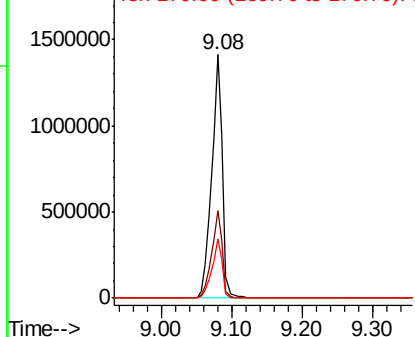


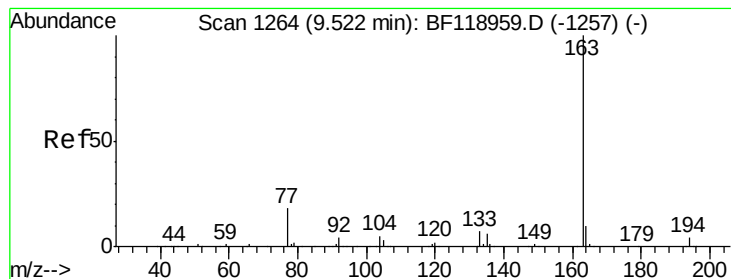
#45
 2-Fluorobiphenyl
 Concen: 65.113 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119229.D
 Acq: 5 Mar 2020 23:30

Tgt Ion:172 Resp: 1492630
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.6 45.8
 170 24.3 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: 7.374 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119229.D

Acq: 5 Mar 2020 23:30

Instrument :

BNA_F

ClientSampled :

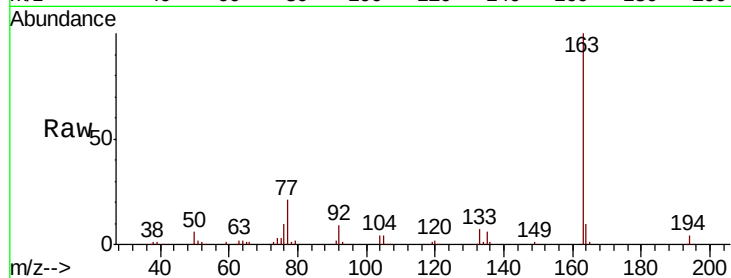
Tot Ion:163 Resp: 190417

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

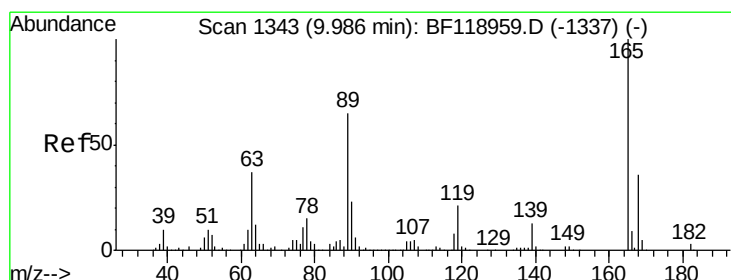
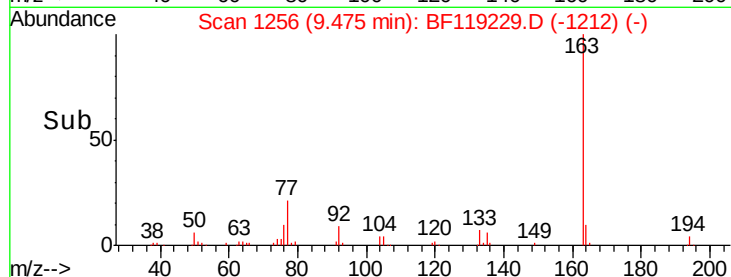
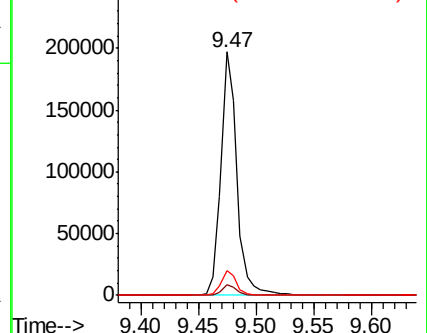
164 10.4 8.4 12.6



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: 5.801 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.23 min

Lab File: BF119229.D

Acq: 5 Mar 2020 23:30

Tgt Ion:165 Resp: 43138

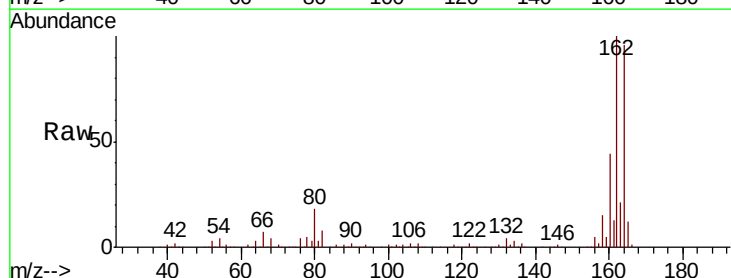
Ion Ratio Lower Upper

165 100

63 1.1 42.3 63.5#

89 1.3 60.2 90.4#

182 0.0 2.3 3.5#

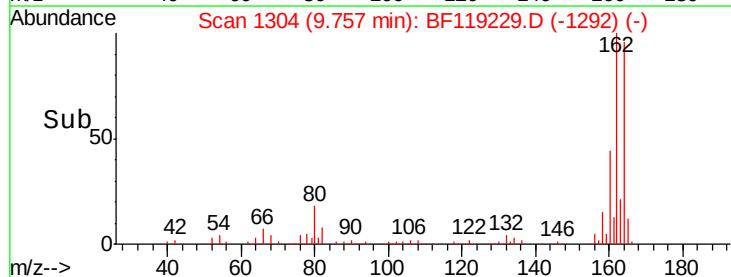
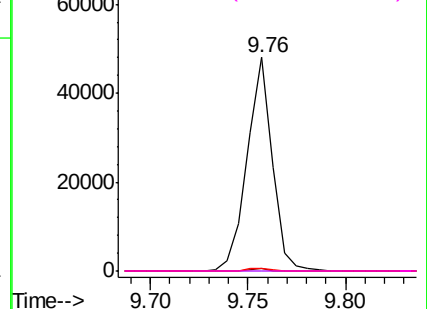


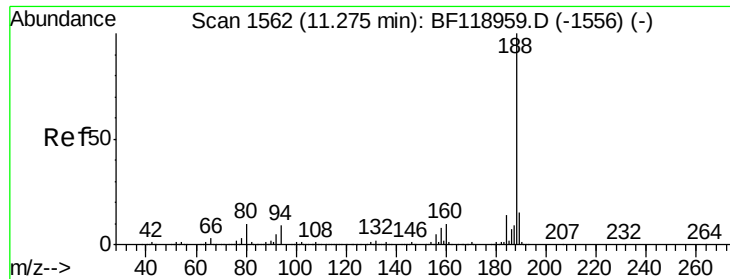
Abundance Ion 165.00 (164.70 to 165.70): E

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

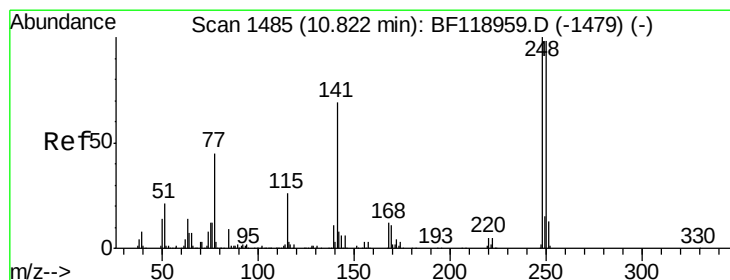
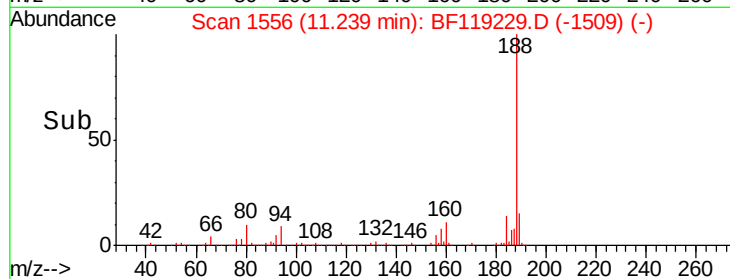
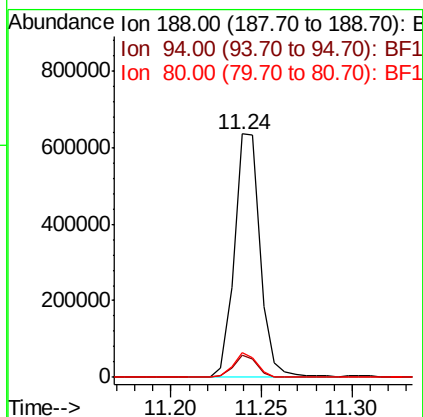
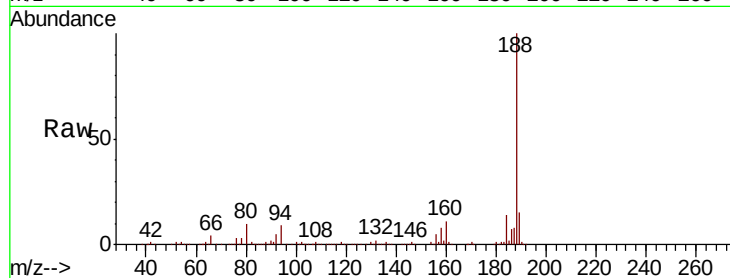




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF119229.D
Acq: 5 Mar 2020 23:30

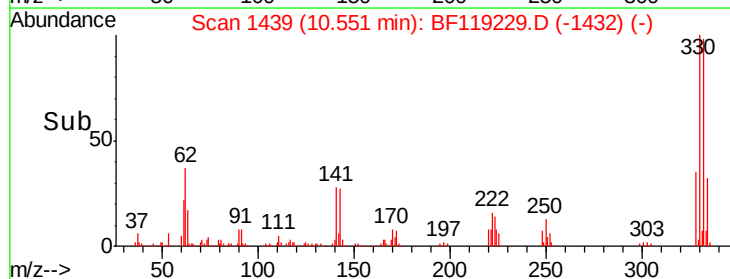
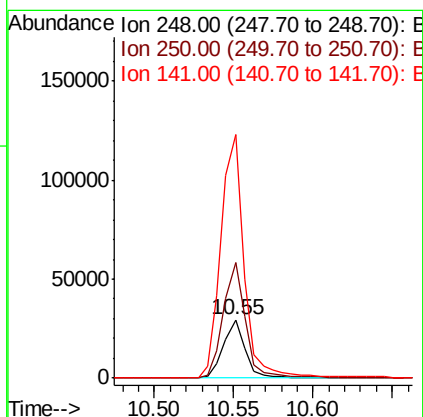
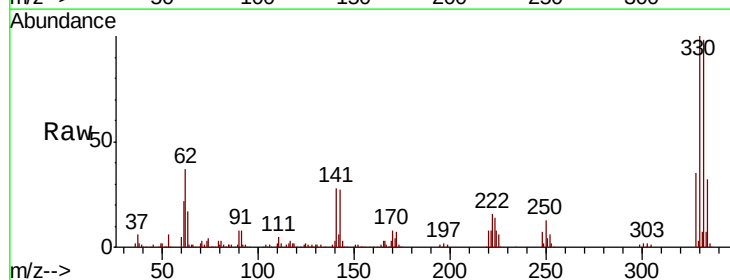
Instrument :
BNA_F
ClientSampleId :

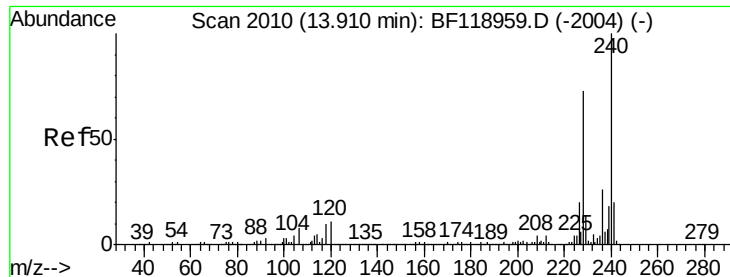
Tot Ion:188 Resp: 632740
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.3 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 3.422 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119229.D
Acq: 5 Mar 2020 23:30

Tgt Ion:248 Resp: 28302
Ion Ratio Lower Upper
248 100
250 197.6 76.7 115.1#
141 416.8 60.7 91.1#

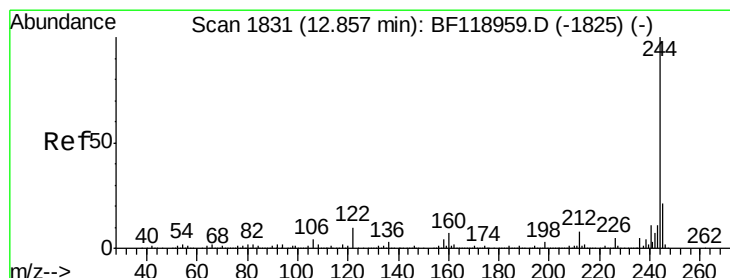
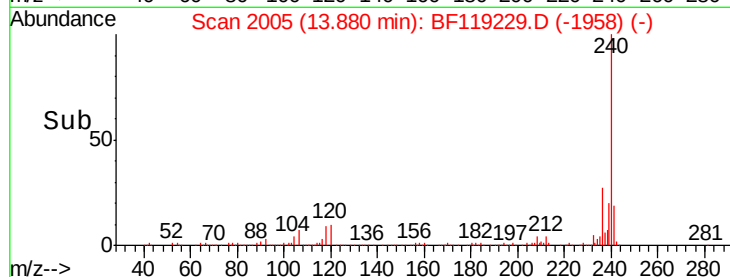
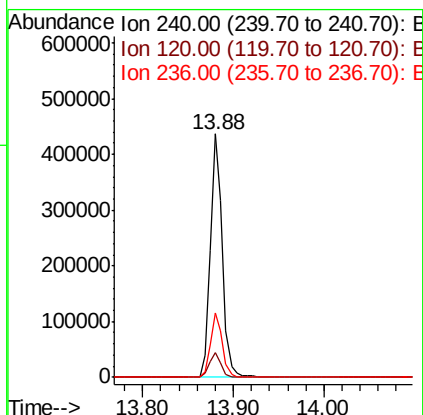
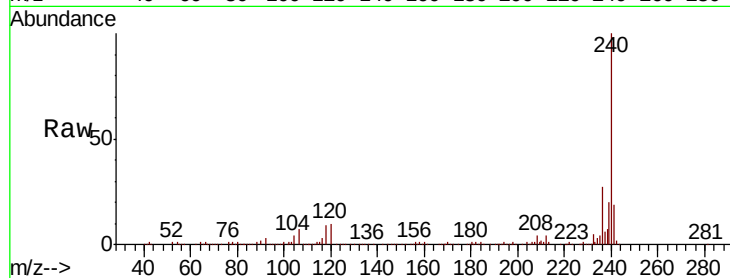




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119229.D
 Acq: 5 Mar 2020 23:30

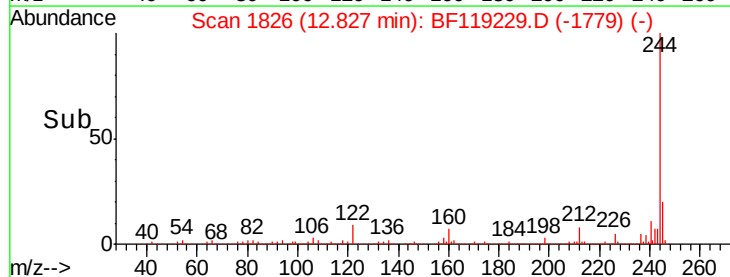
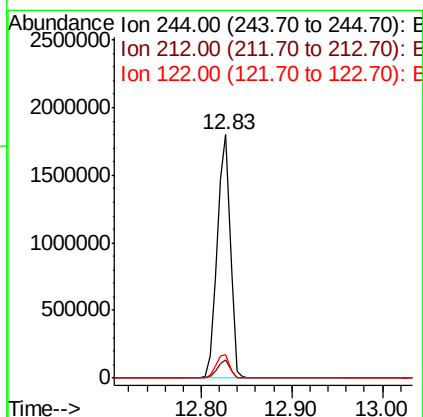
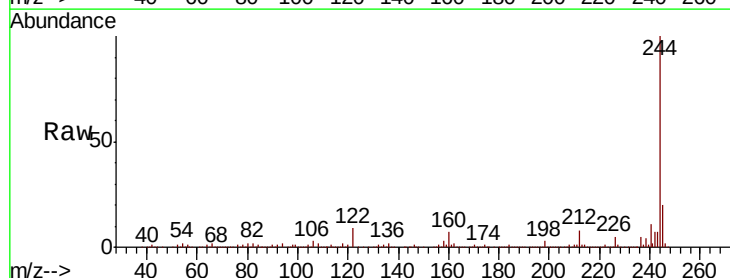
Instrument :
 BNA_F
 ClientSampled :

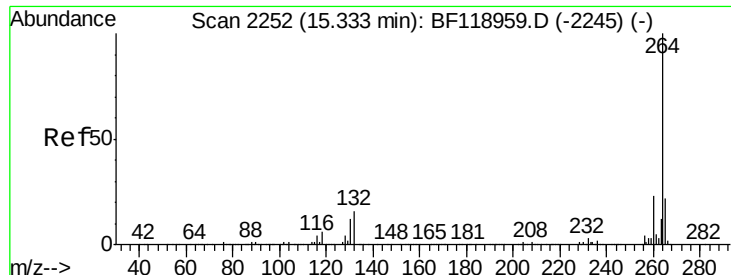
Tot Ion:240 Resp: 406721
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.4 12.6
 236 26.7 21.0 31.4



#79
 Terphenyl-d14
 Concen: 75.193 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119229.D
 Acq: 5 Mar 2020 23:30

Tgt Ion:244 Resp: 1776339
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 10.0
 122 9.5 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119229.D
 Acq: 5 Mar 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.2	17.7	26.5

