

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114619.D
 Acq On : 25 May 2019 22:00
 Operator : JU/SJ
 Sample : PB119929BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BL

Quant Time: May 26 23:48:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

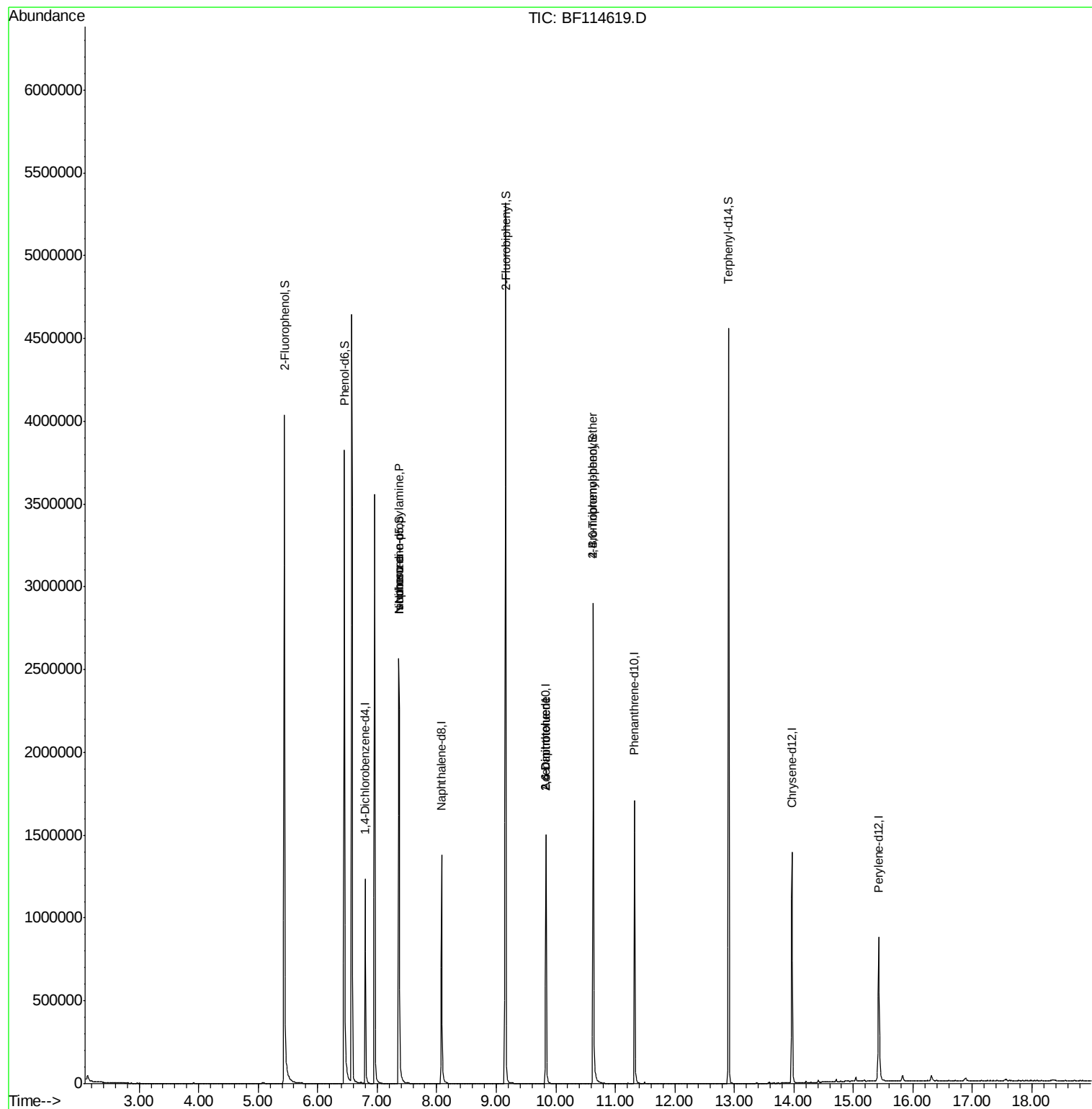
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	185006	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	706871	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	340128	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	683479	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	495400	20.00	ng	-0.02
87) Perylene-d12	15.42	264	474891	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1214434	105.64	ng	0.00
7) Phenol-d6	6.45	99	1585498	116.61	ng	-0.01
23) Nitrobenzene-d5	7.36	82	971258	77.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	368633	104.83	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1761528	78.34	ng	-0.02
79) Terphenyl-d14	12.91	244	1732488	72.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	128072	14.860	ng	# 75
25) Isophorone	7.36	82	971253	41.578	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	42729	7.716	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	42730	5.685	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	23595	3.135	ng	# 1

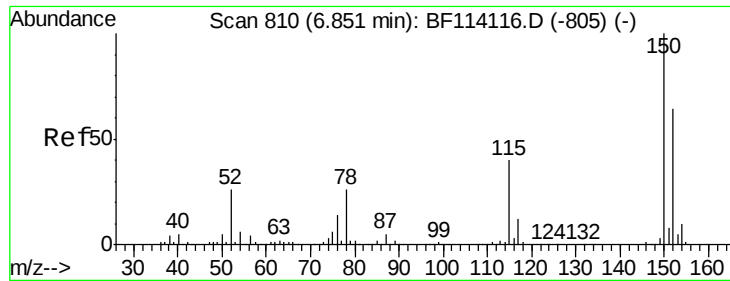
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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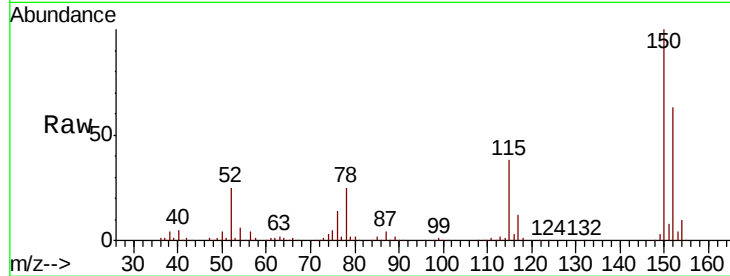


#1

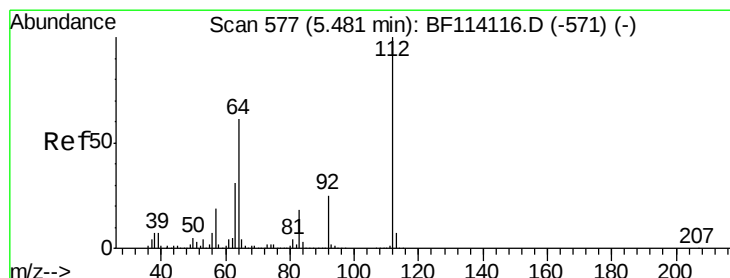
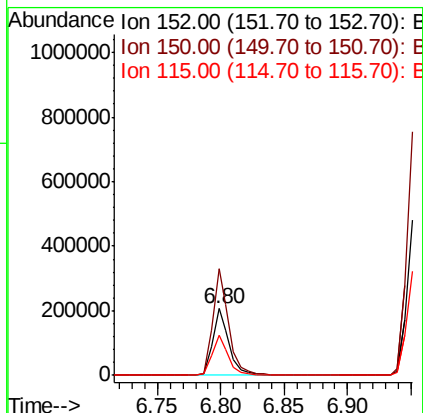
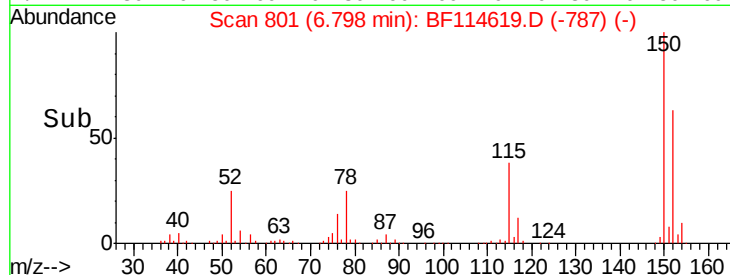
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

Instrument :
BNA_F
ClientSampleId :
PB119929BL

Tot Ion:152 Resp: 185006
Ion Ratio Lower Upper
152 100
150 159.8 124.3 186.5
115 61.2 49.1 73.7



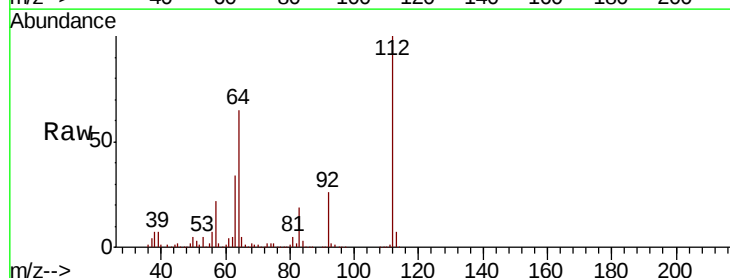
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



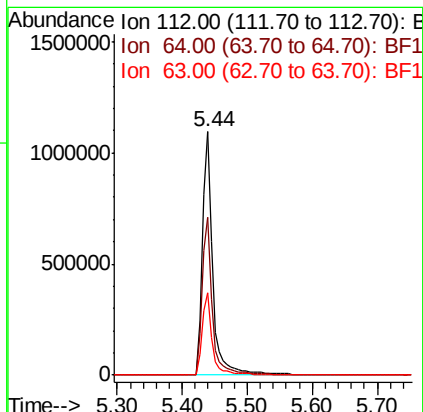
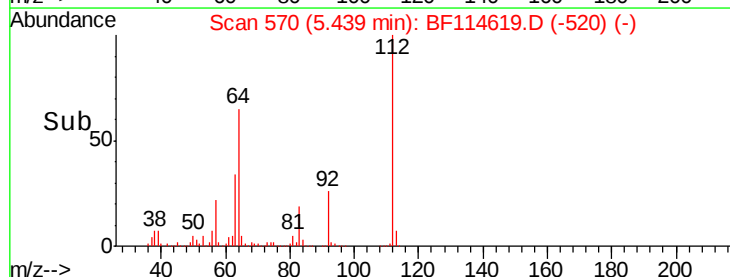
#5

2-Fluorophenol
Concen: 105.637 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

Tgt Ion:112 Resp: 1214434
Ion Ratio Lower Upper
112 100
64 64.9 49.0 73.6
63 33.7 24.6 37.0



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: 116.606 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

PB119929BL

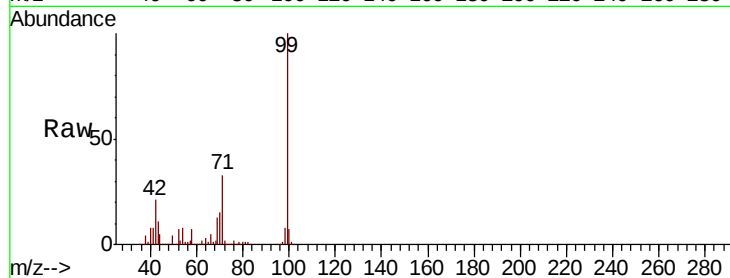
Tot Ion: 99 Resp: 1585498

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

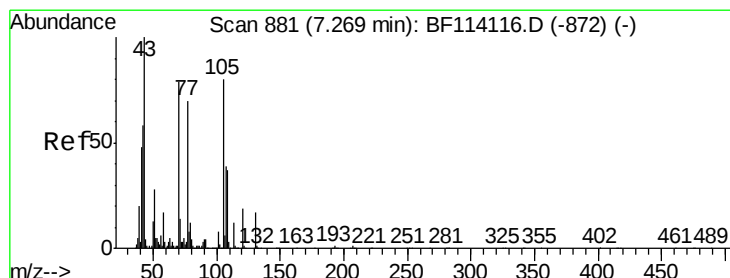
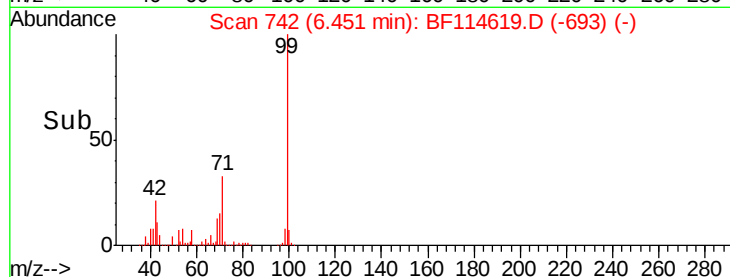
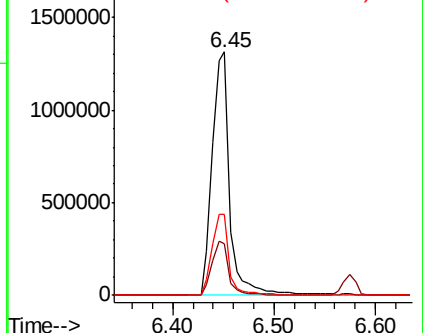
71 33.5 26.2 39.2



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: 14.860 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Tgt Ion: 70 Resp: 128072

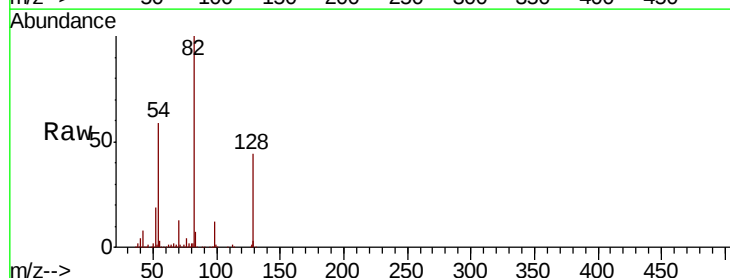
Ion Ratio Lower Upper

70 100

42 55.9 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

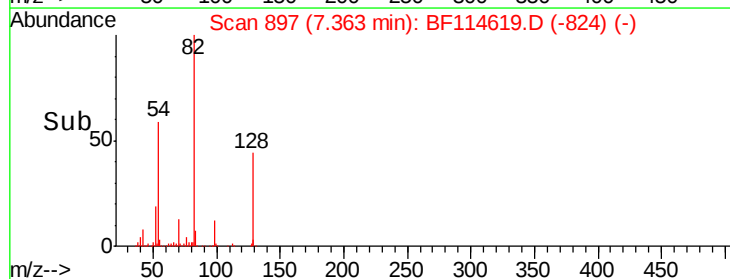
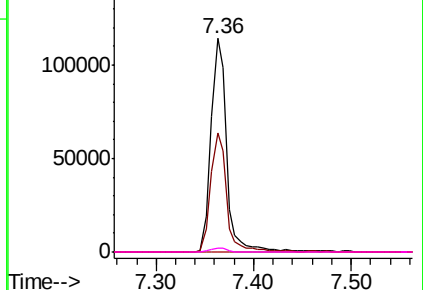


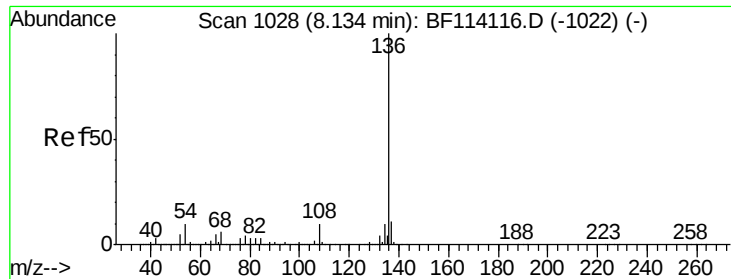
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

PB119929BL

Tot Ion:136 Resp: 706871

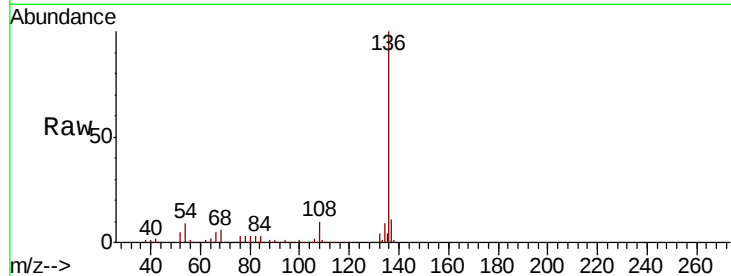
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.3 7.8 11.8

68 5.5 5.1 7.7

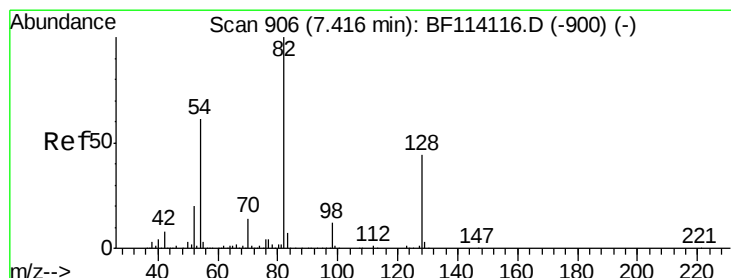
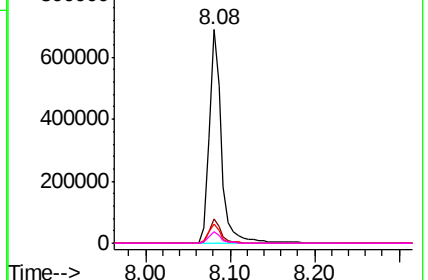
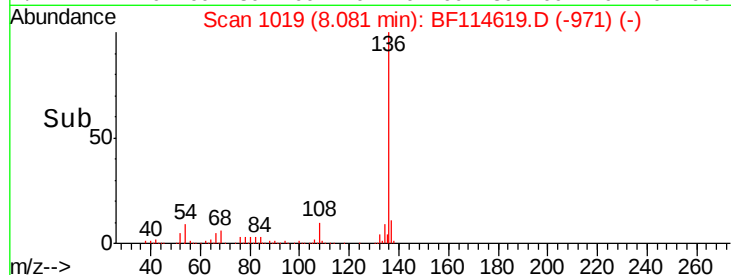


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.110 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

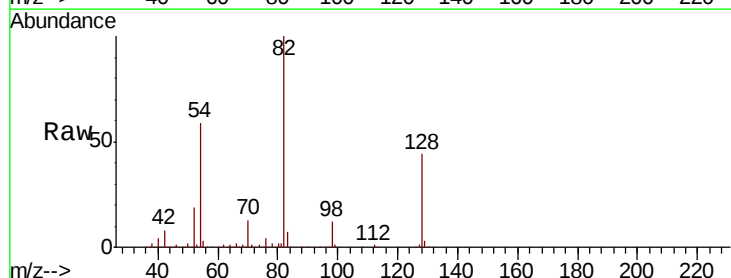
Tgt Ion: 82 Resp: 971258

Ion Ratio Lower Upper

82 100

128 44.3 35.5 53.3

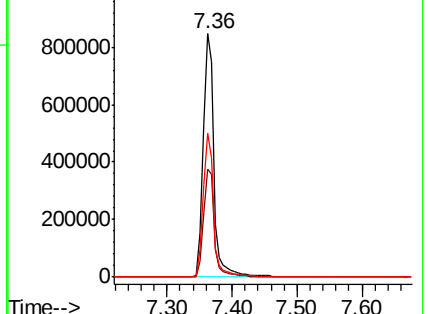
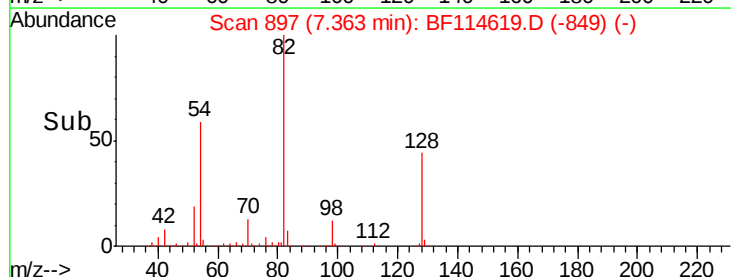
54 59.2 48.5 72.7

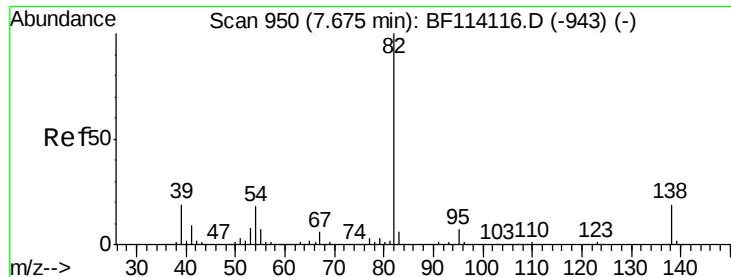


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.578 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

PB119929BL

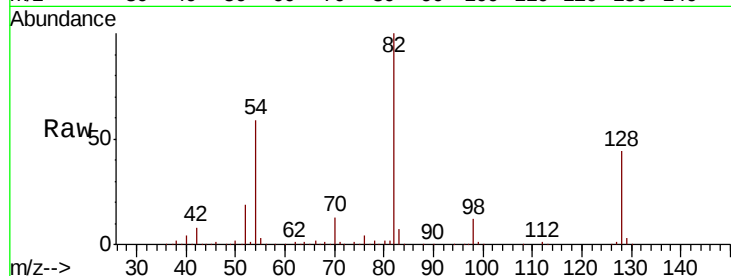
Tot Ion: 82 Resp: 971253

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

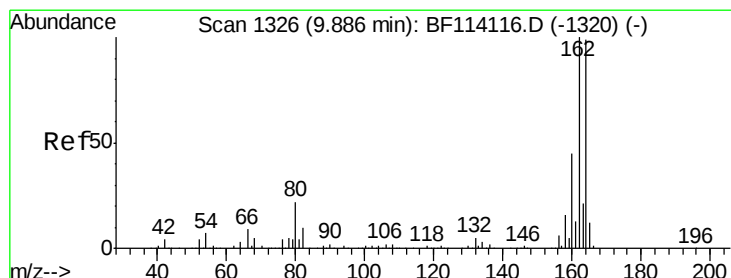
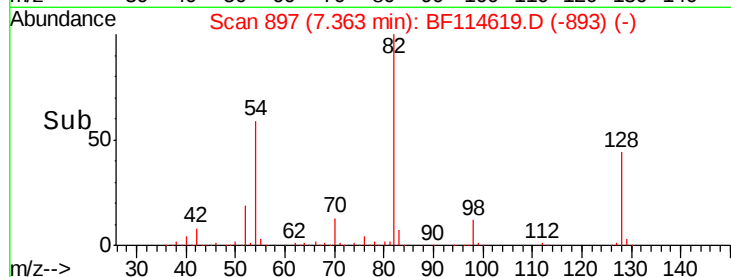
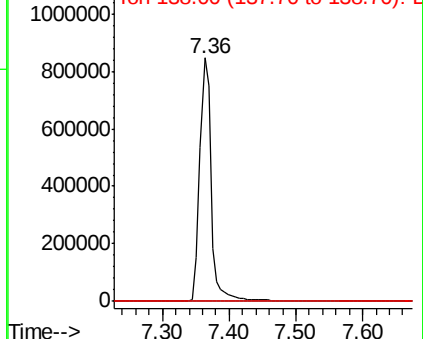
138 0.0 14.8 22.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

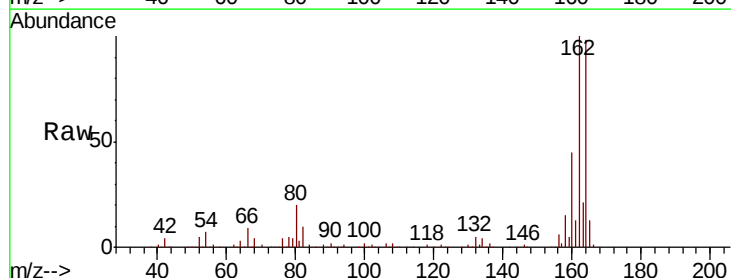
Tgt Ion:164 Resp: 340128

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

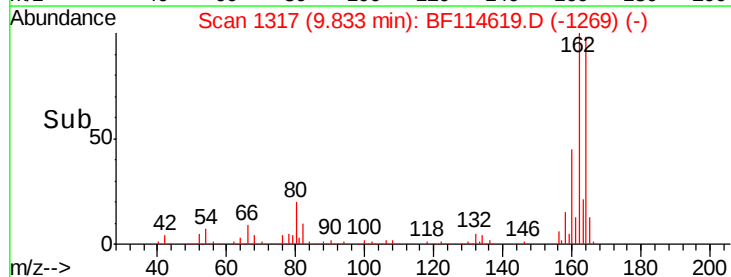
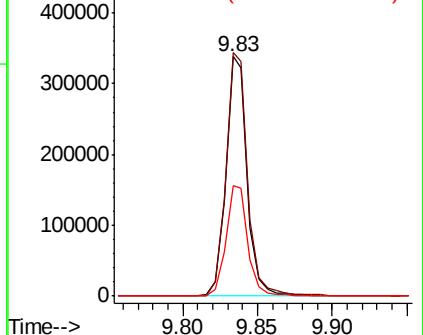
160 46.1 36.5 54.7

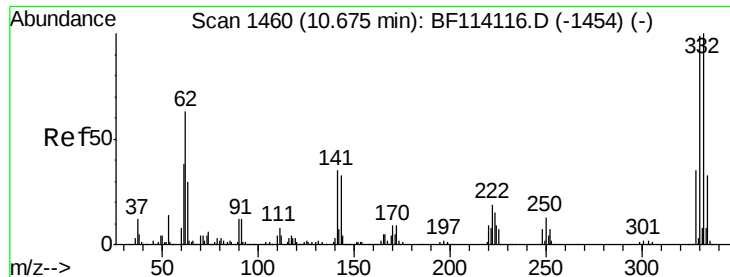


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 104.834 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

PB119929BL

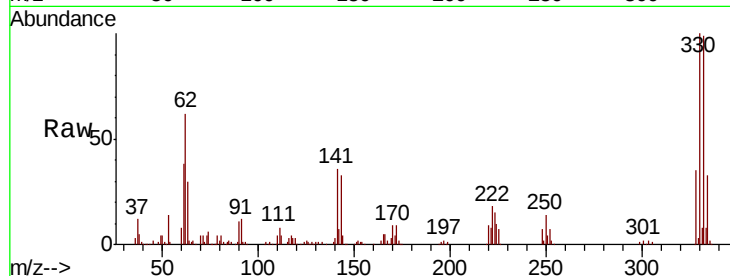
Tot Ion:330 Resp: 368633

Ion Ratio Lower Upper

330 100

332 101.6 81.4 122.2

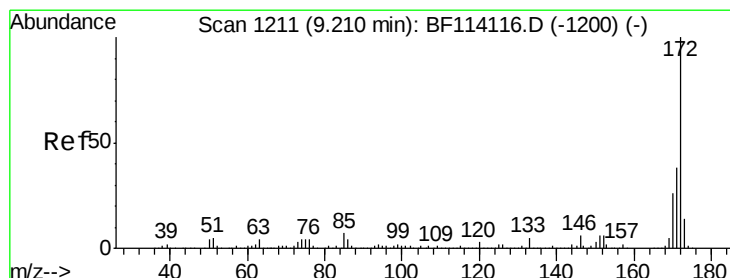
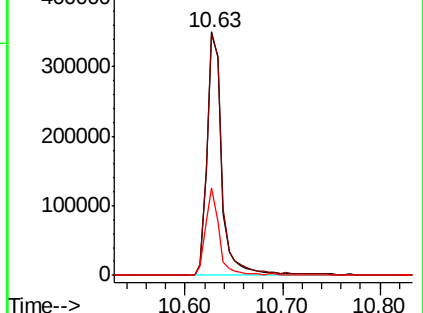
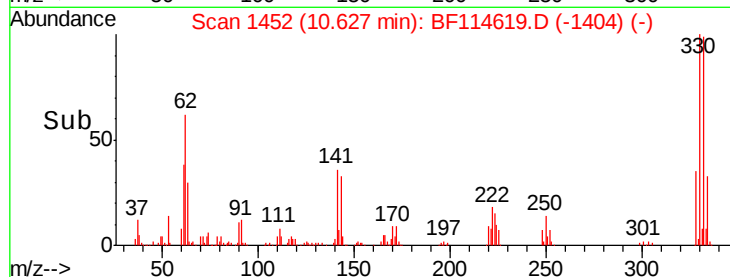
141 33.7 26.6 40.0



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: 78.341 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

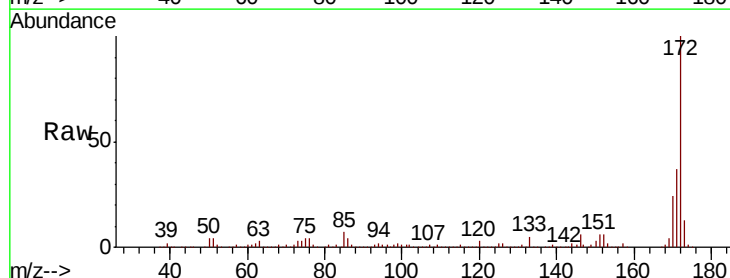
Tgt Ion:172 Resp: 1761528

Ion Ratio Lower Upper

172 100

171 36.7 30.7 46.1

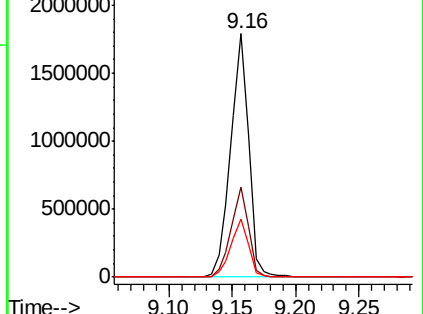
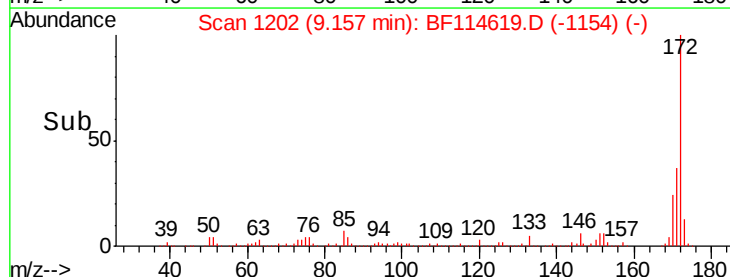
170 24.0 20.5 30.7

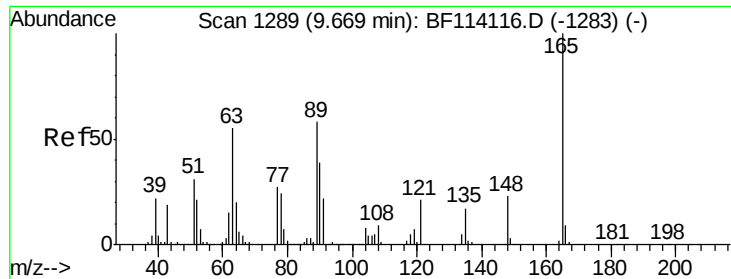


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

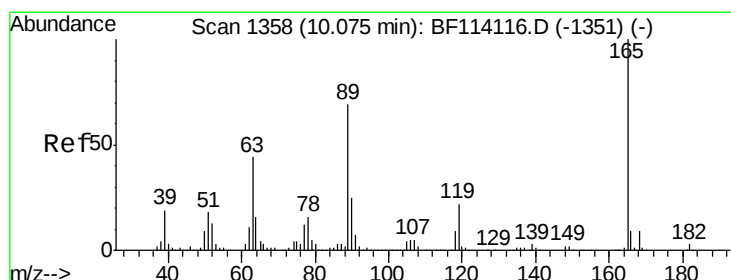
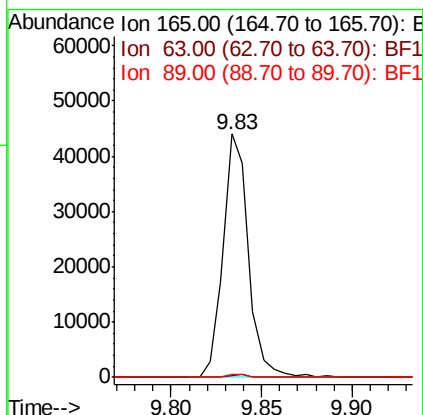
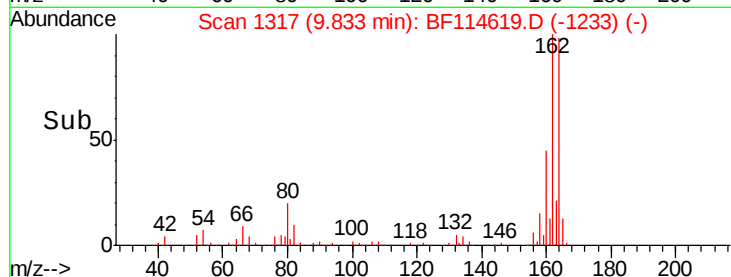
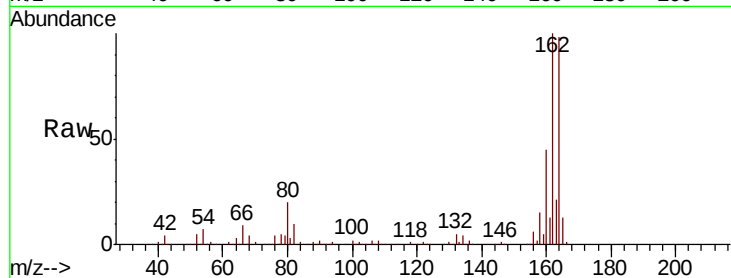




#51
 2,6-Dinitrotoluene
 Concen: 7.716 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

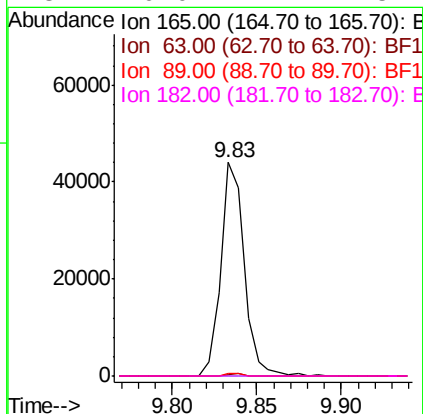
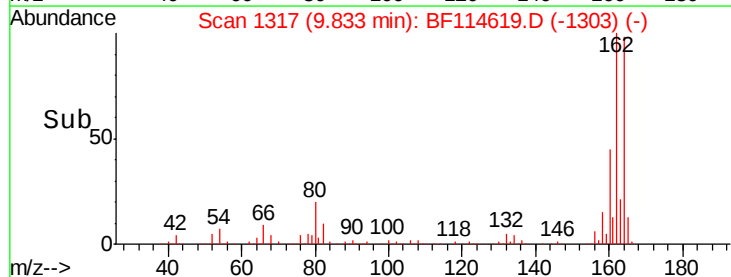
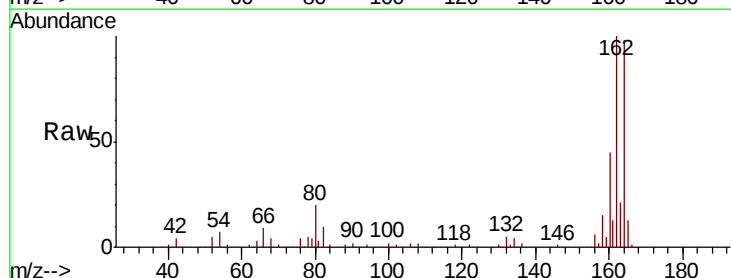
Instrument :
 BNA_F
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 PB119929BL

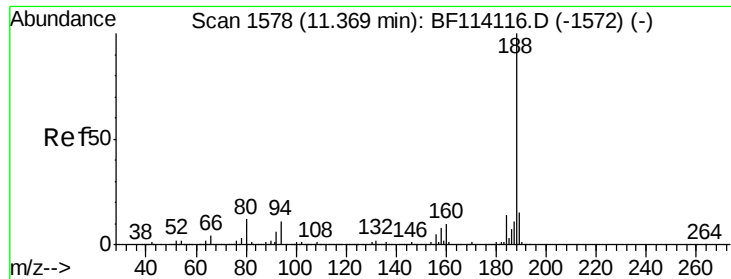
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	50.2	75.4#
89	1.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.685 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	35.5	53.3#
89	1.0	55.2	82.8#
182	0.0	2.2	3.2#

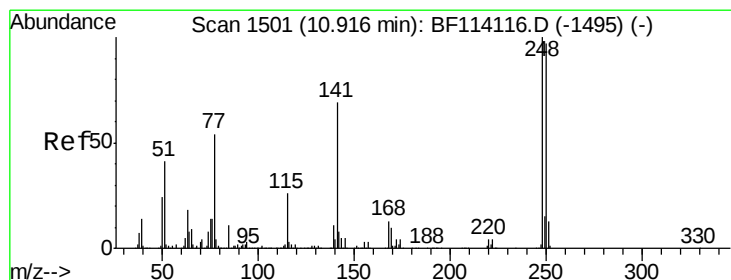
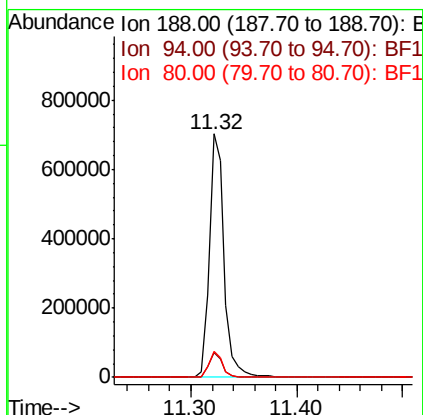
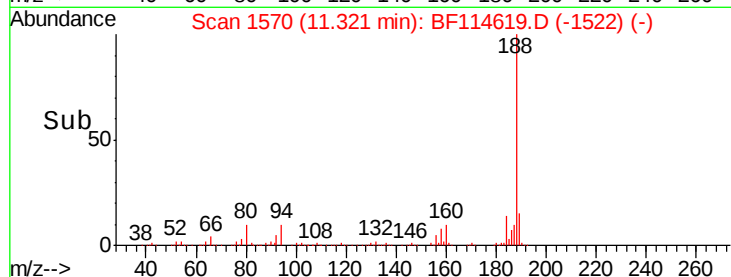
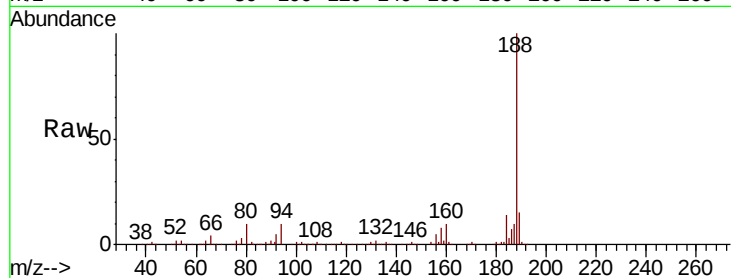




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

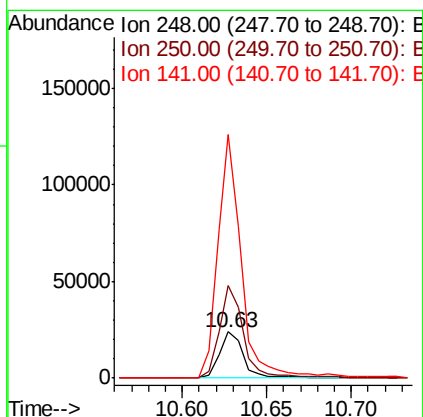
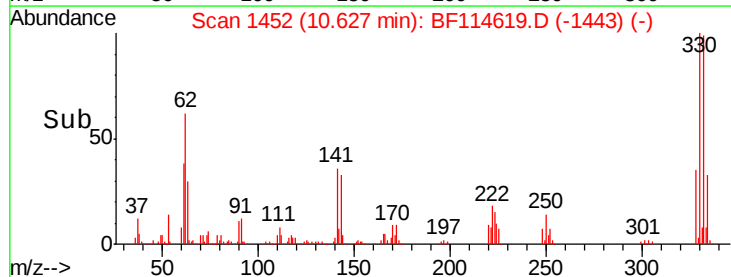
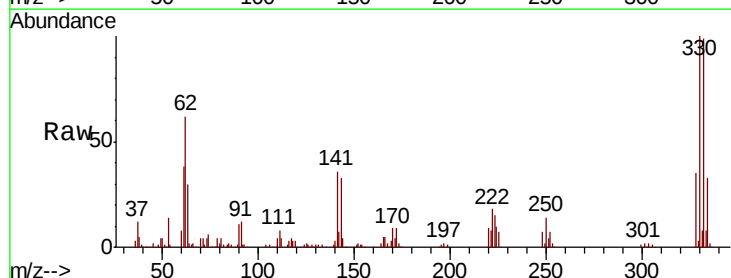
Instrument :
BNA_F
ClientSampleId :
PB119929BL

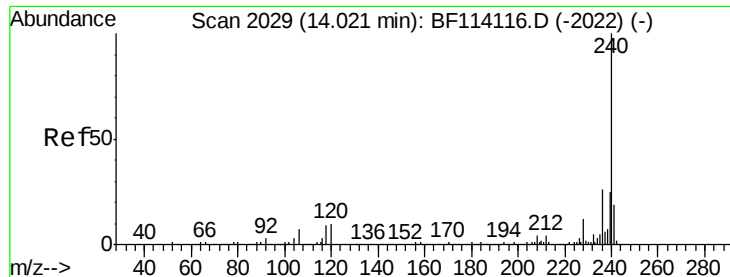
Tot Ion:188 Resp: 683479
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.5 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.135 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF114619.D
Acq: 25 May 2019 22:00

Tgt Ion:248 Resp: 23595
Ion Ratio Lower Upper
248 100
250 201.6 77.4 116.2#
141 530.8 55.6 83.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

Instrument :

BNA_F

ClientSampleId :

PB119929BL

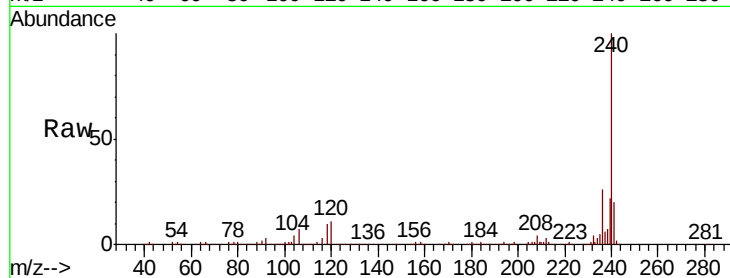
Tot Ion:240 Resp: 495400

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

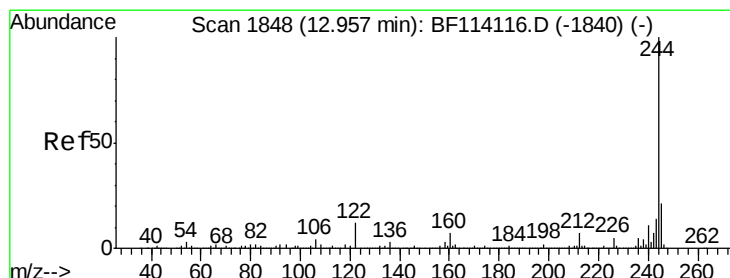
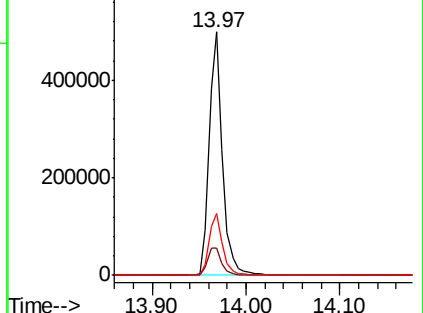
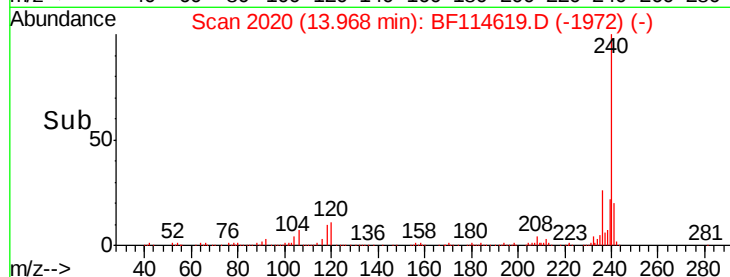
236 25.6 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 72.091 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF114619.D

Acq: 25 May 2019 22:00

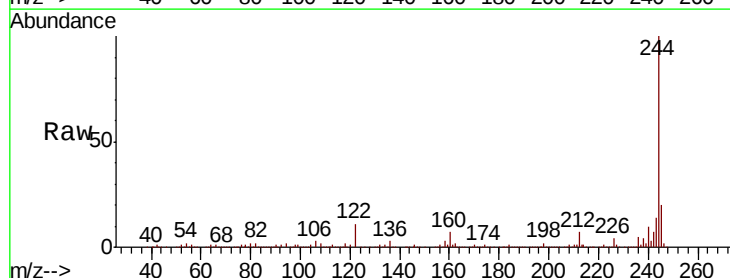
Tgt Ion:244 Resp: 1732488

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

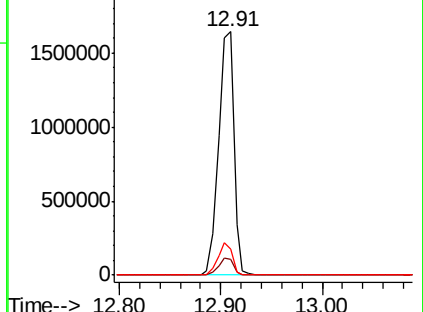
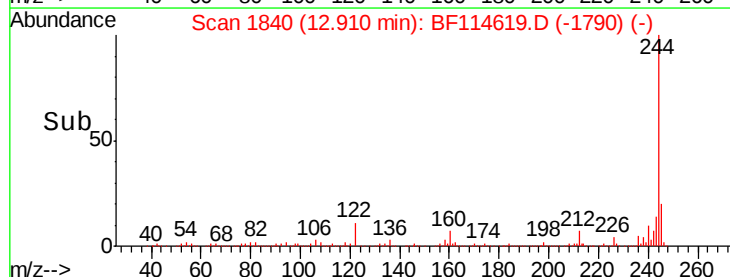
122 10.5 9.4 14.2

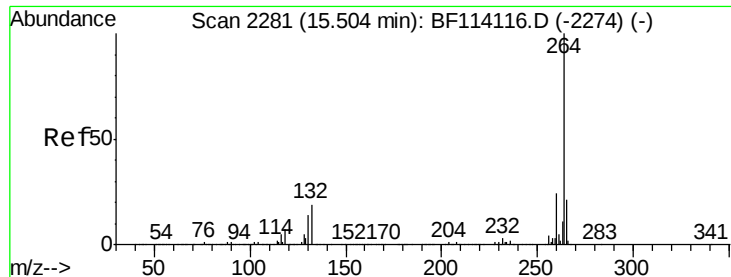


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF114619.D
 Acq: 25 May 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :
 PB119929BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.8	16.9	25.3

