

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120953.D
 Acq On : 21 Jul 2020 14:41
 Operator : JU/CG
 Sample : PB130359BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BL

Quant Time: Jul 21 15:29:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	168511	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	623867	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	326143	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	649879	20.00	ng	0.00
76) Chrysene-d12	13.97	240	550153	20.00	ng	0.00
86) Perylene-d12	15.42	264	492366	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	826967	80.45	ng	0.01
7) Phenol-d6	6.44	99	984873	74.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	896679	83.17	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	302239	84.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1681304	76.97	ng	0.00
79) Terphenyl-d14	12.92	244	1897279	74.97	ng	0.00

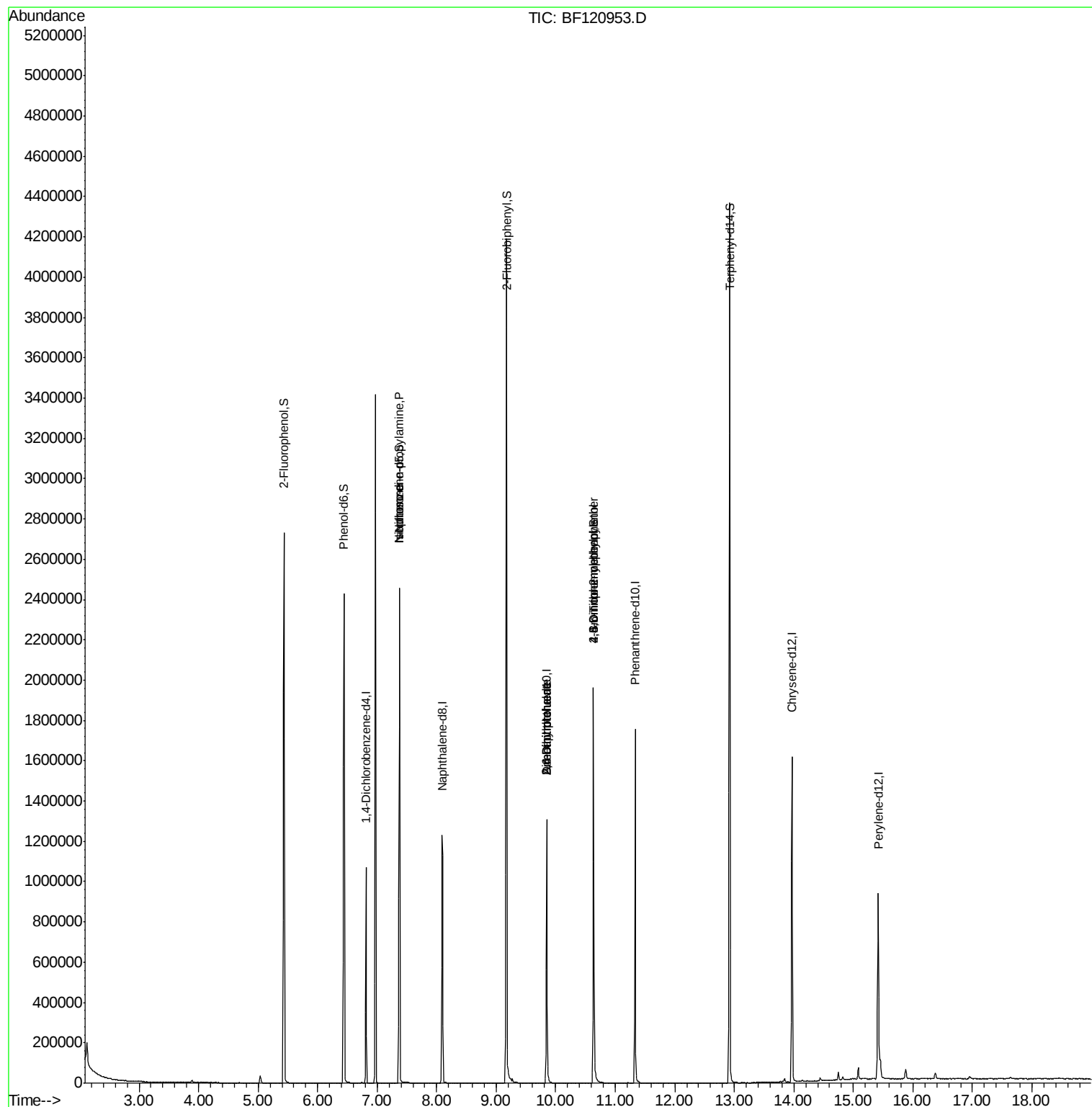
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.44	77	1283	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	118089	15.640	ng	# 79
25) Isophorone	7.37	82	893852	41.540	ng	# 63
50) Dimethylphthalate	9.85	163	67371	2.863	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	41111	8.133	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	41111	6.193	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	481	3.960	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	17753	2.450	ng	# 1

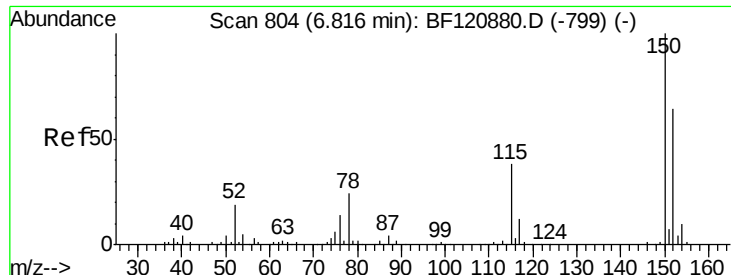
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120953.D
Acq On : 21 Jul 2020 14:41
Operator : JU/CG
Sample : PB130359BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130359BL

Quant Time: Jul 21 15:29:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

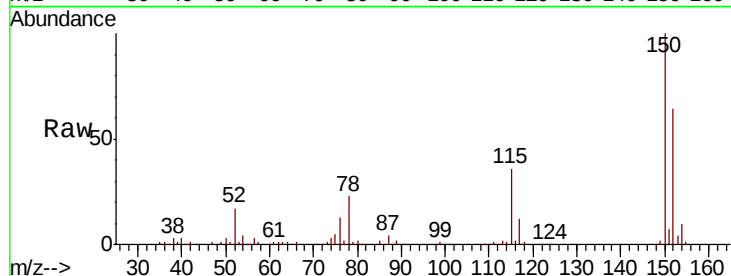




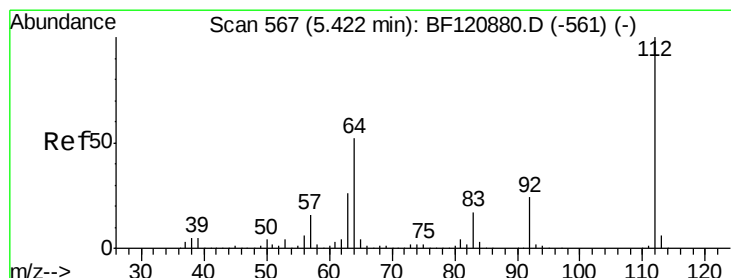
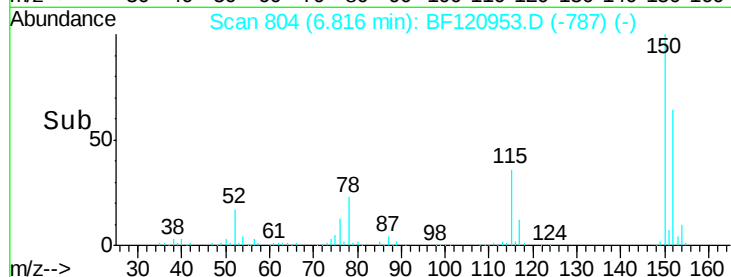
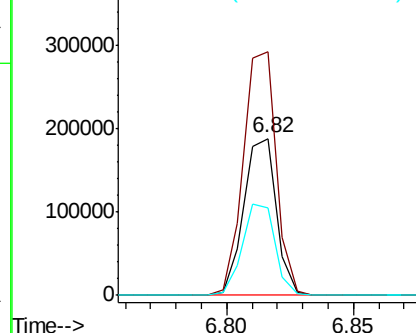
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BL

Tot Ion:152 Resp: 168511
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.0 187.6
 115 55.6 47.0 70.4

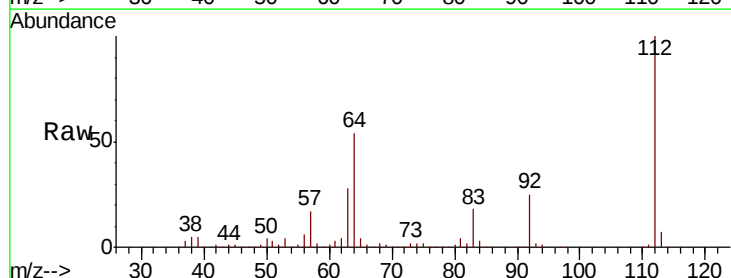


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

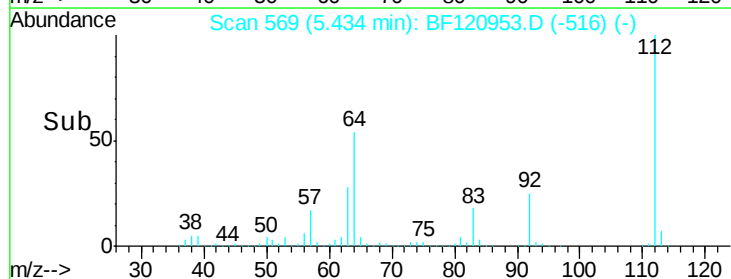
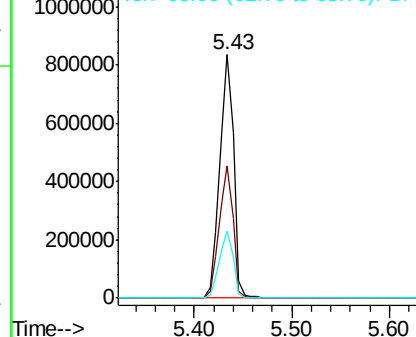


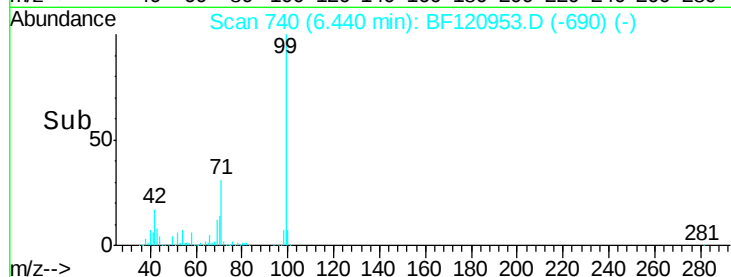
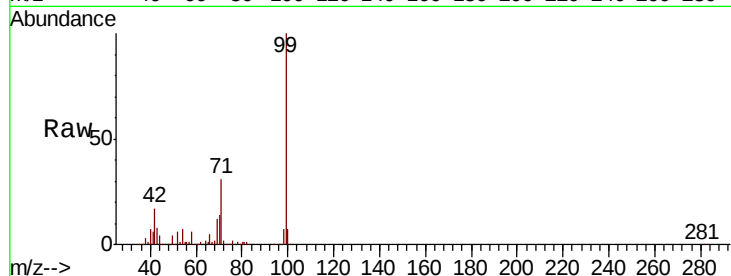
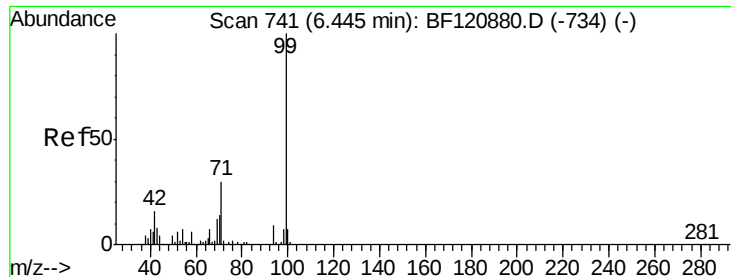
#5
 2-Fluorophenol
 Concen: 80.451 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

Tgt Ion:112 Resp: 826967
 Ion Ratio Lower Upper
 112 100
 64 54.4 41.3 61.9
 63 27.7 21.1 31.7



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: 74.173 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB130359BL

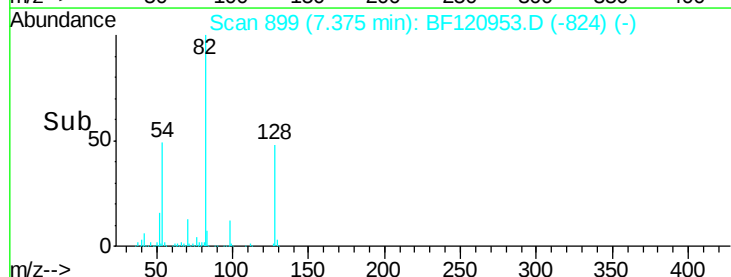
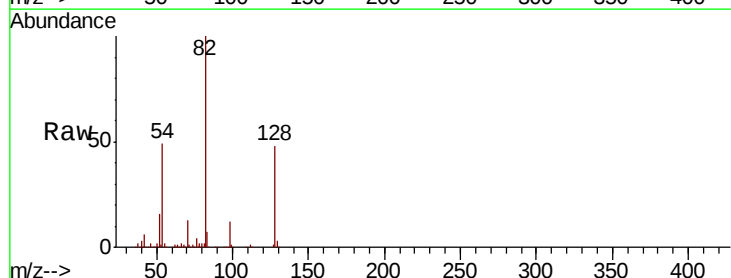
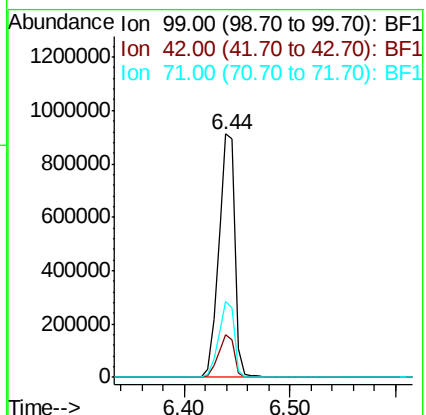
Tot Ion: 99 Resp: 984873

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

71 31.3 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.640 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Tgt Ion: 70 Resp: 118089

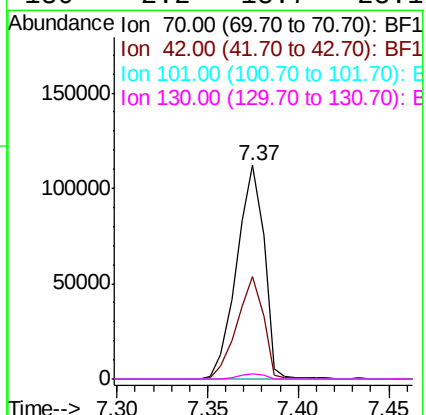
Ion Ratio Lower Upper

70 100

42 47.9 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB130359BL

Tot Ion:136 Resp: 623867

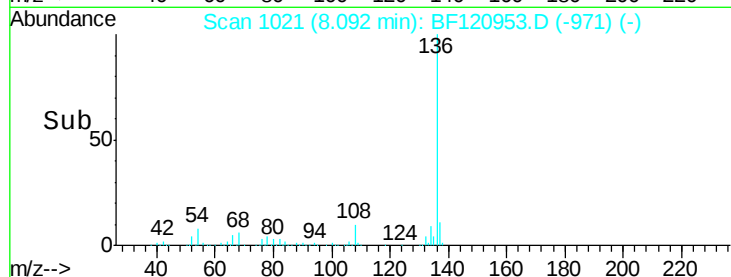
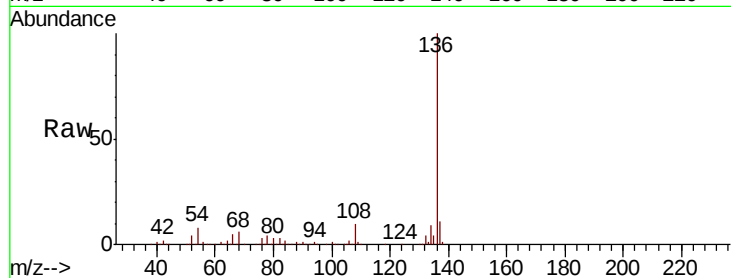
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.5 6.3 9.5

68 6.2 5.0 7.4

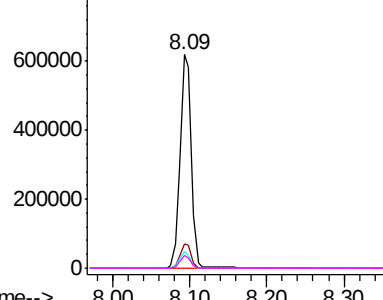


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.166 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

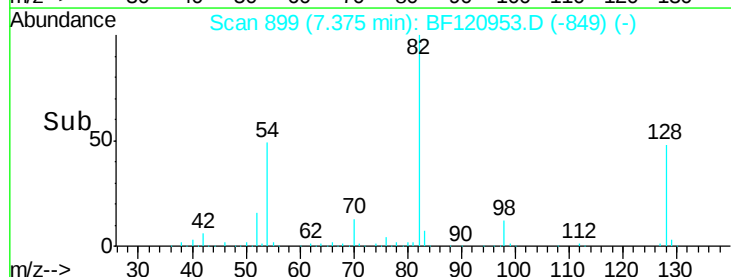
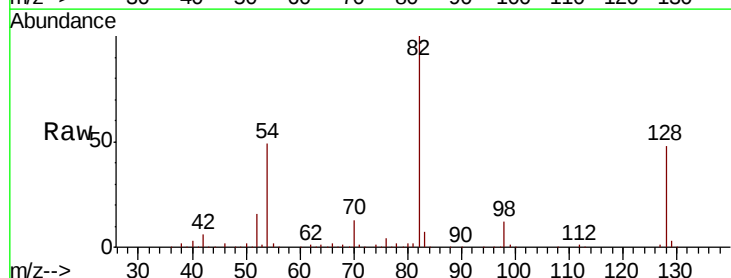
Tgt Ion: 82 Resp: 896679

Ion Ratio Lower Upper

82 100

128 47.6 38.2 57.4

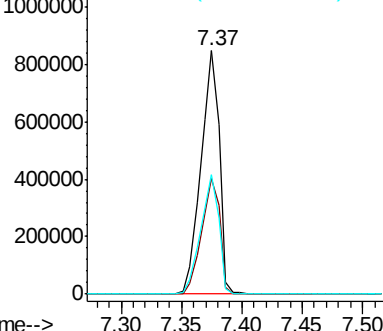
54 49.1 38.7 58.1



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: 41.540 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB130359BL

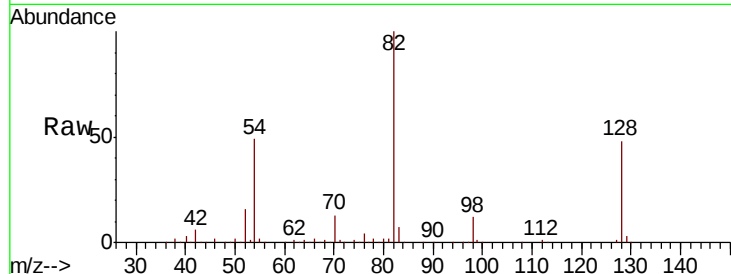
Tot Ion: 82 Resp: 893852

Ion Ratio Lower Upper

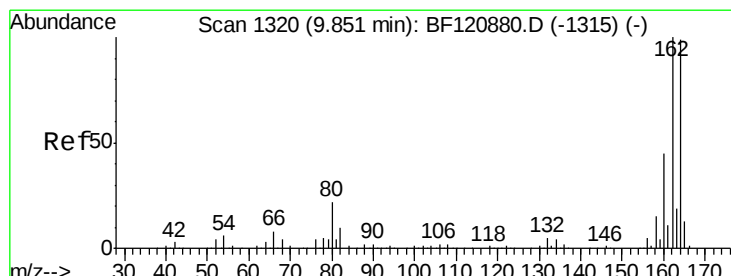
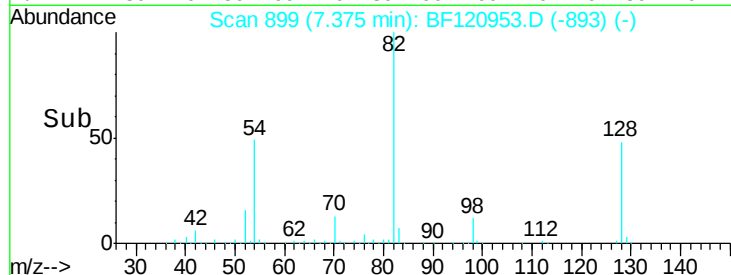
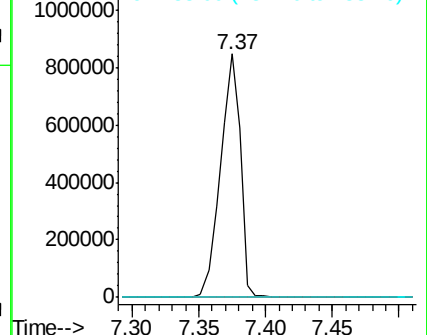
82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

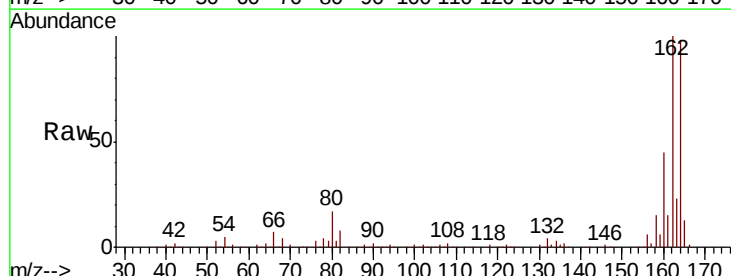
Tgt Ion:164 Resp: 326143

Ion Ratio Lower Upper

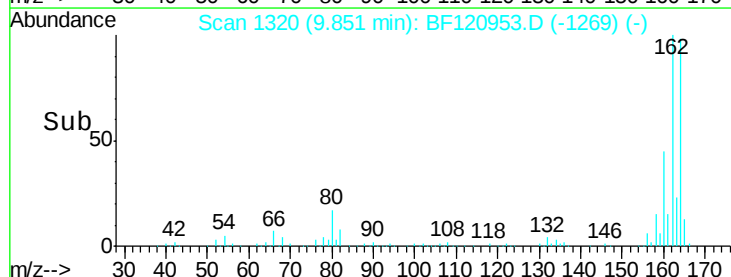
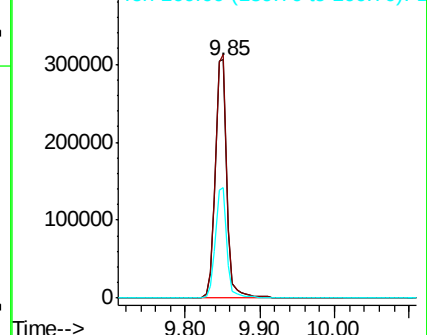
164 100

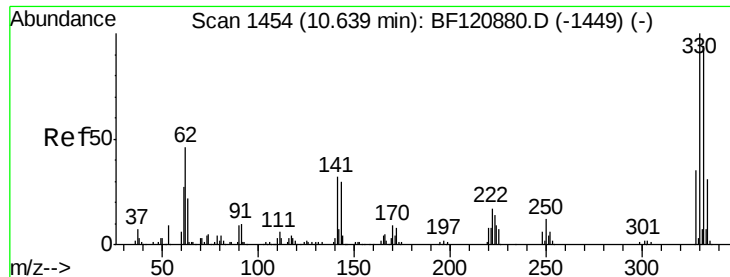
162 102.3 81.2 121.8

160 46.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 84.662 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB130359BL

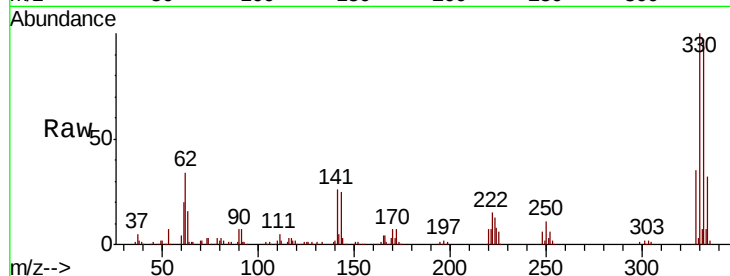
Tot Ion:330 Resp: 302239

Ion Ratio Lower Upper

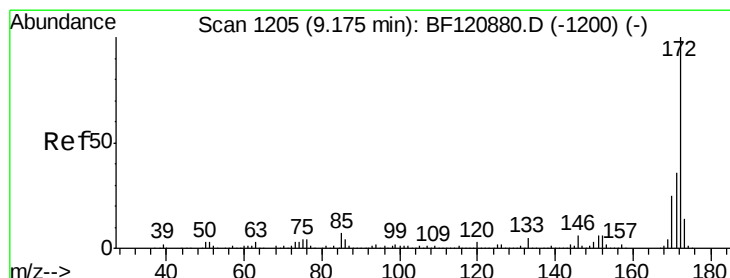
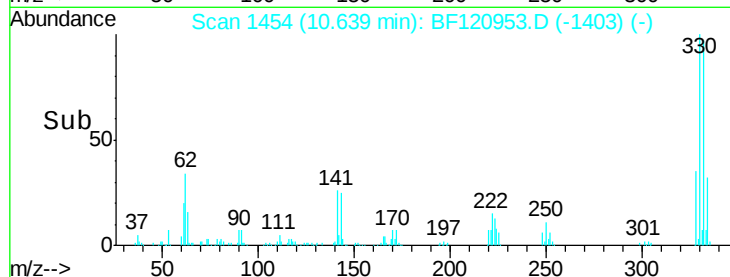
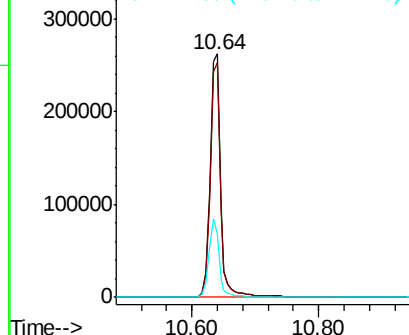
330 100

332 95.3 75.5 113.3

141 31.7 25.7 38.5



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: 76.968 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

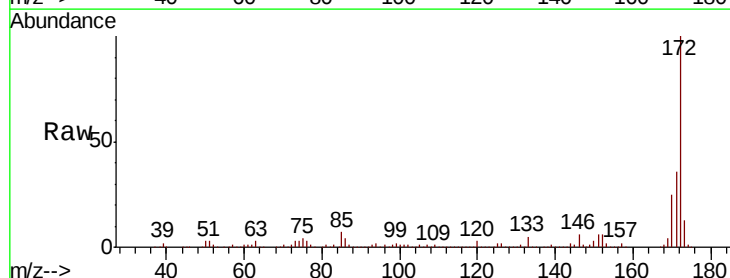
Tgt Ion:172 Resp: 1681304

Ion Ratio Lower Upper

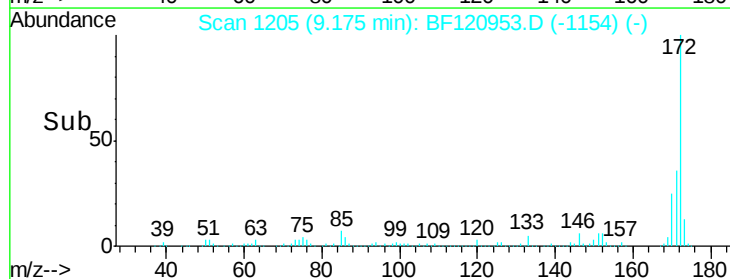
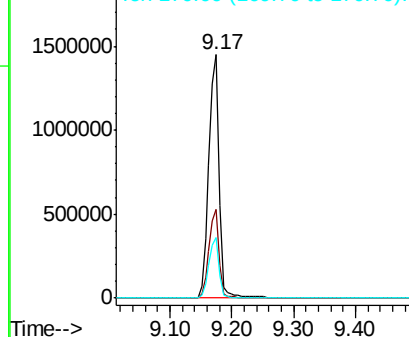
172 100

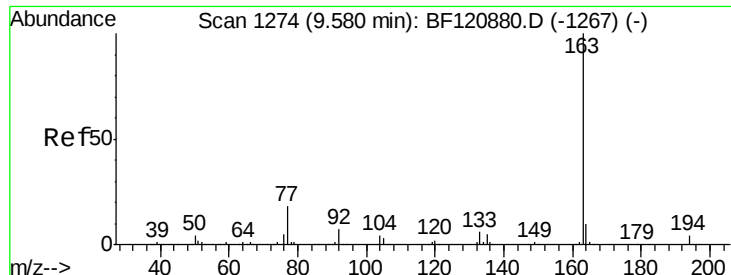
171 36.4 29.0 43.4

170 24.8 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: 2.863 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.27 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB130359BL

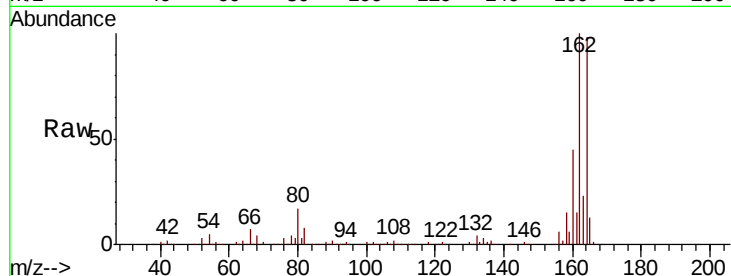
Tot Ion:163 Resp: 67371

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

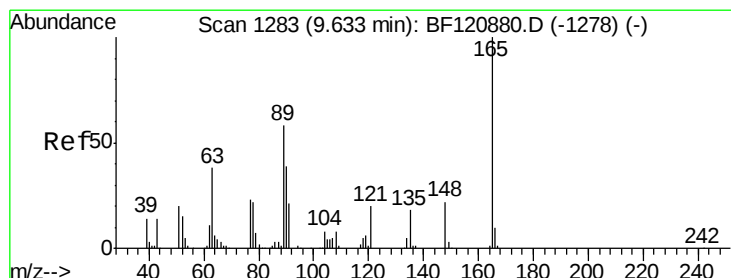
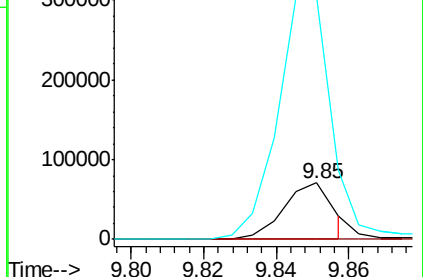
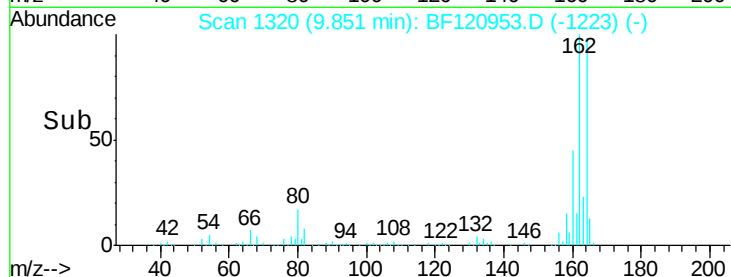
164 430.9 7.9 11.9#



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: 8.133 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.22 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

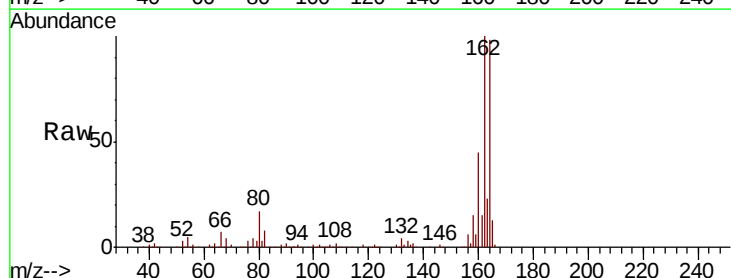
Tgt Ion:165 Resp: 41111

Ion Ratio Lower Upper

165 100

63 1.0 45.4 68.2#

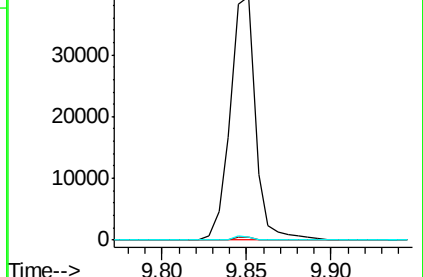
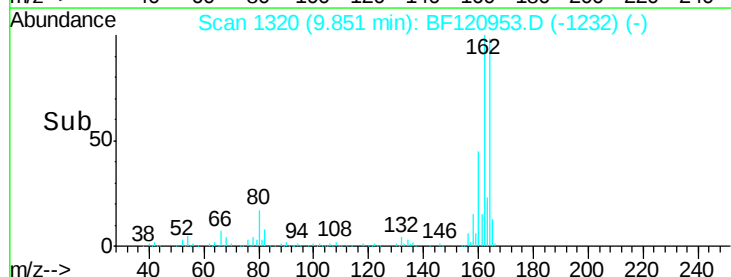
89 1.2 47.0 70.4#

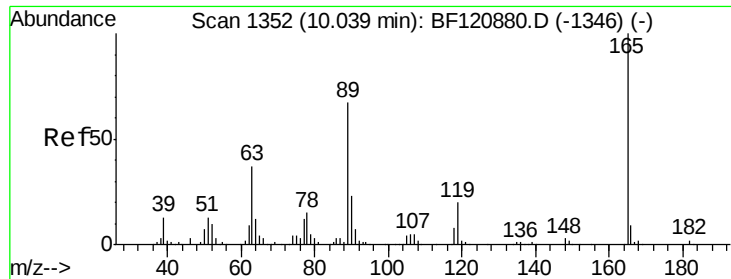


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

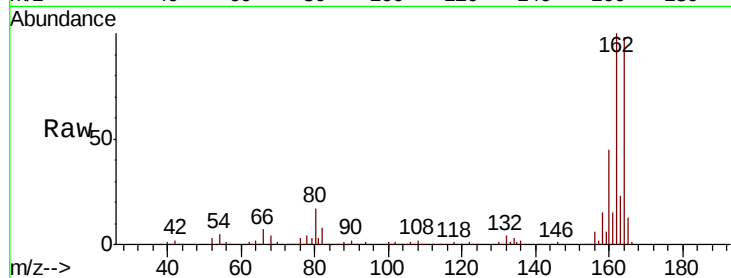




#57
 2,4-Dinitrotoluene
 Concen: 6.193 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.2	53.4	80.0#
182	0.0	1.8	2.6#

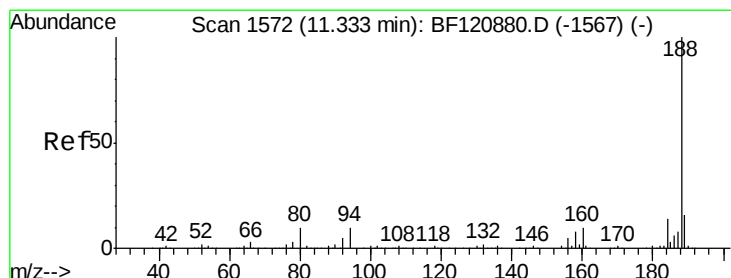
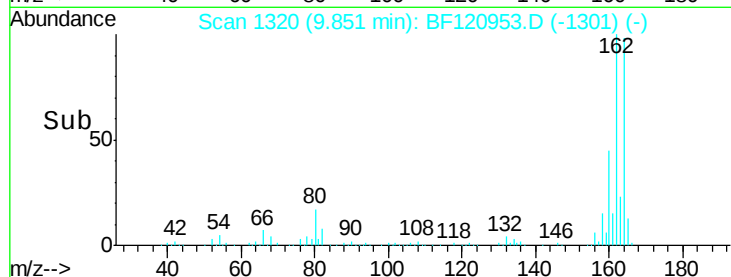
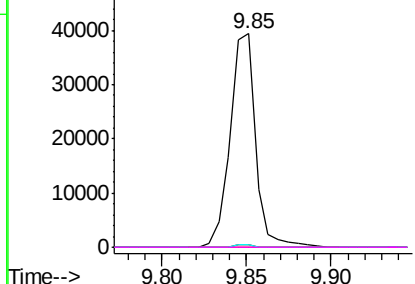


Abundance Ion 165.00 (164.70 to 165.70): E

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



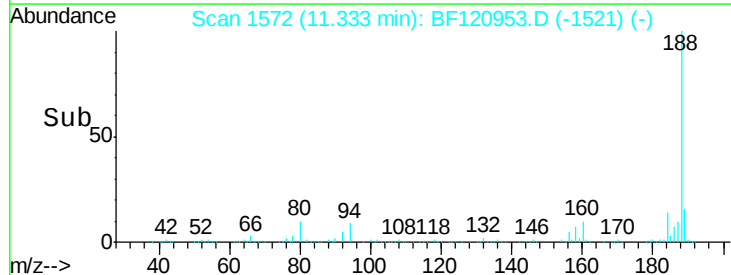
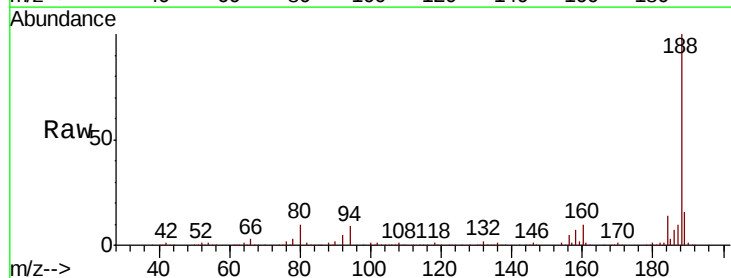
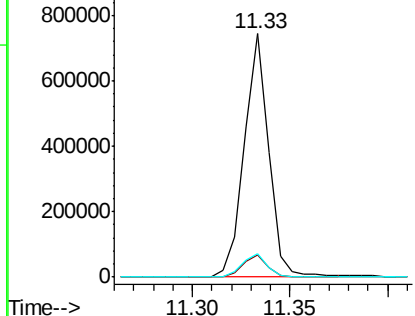
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

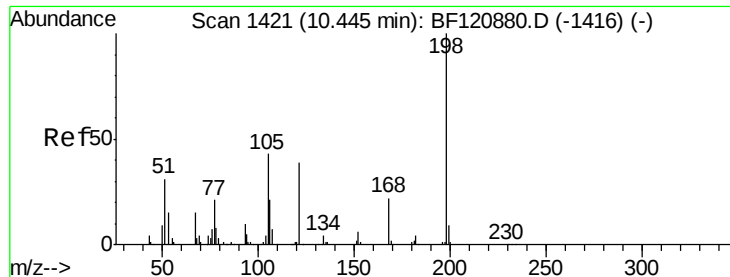
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.6	8.3	12.5

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

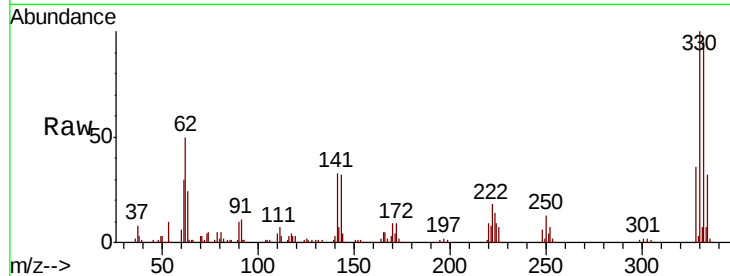




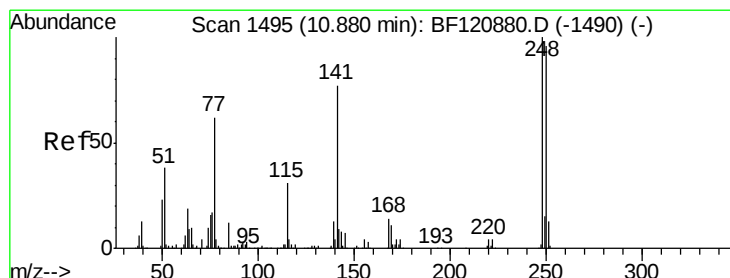
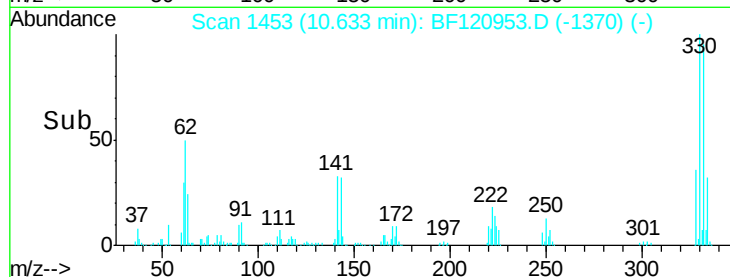
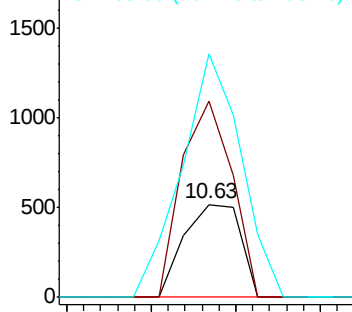
#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.960 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BL

Tot Ion:198 Resp: 481
 Ion Ratio Lower Upper
 198 100
 51 212.4 19.5 59.5#
 105 262.7 24.4 64.4#

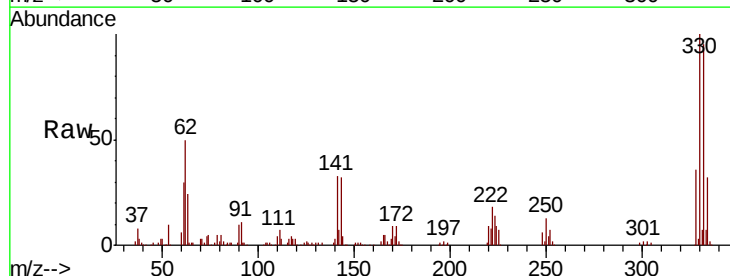


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

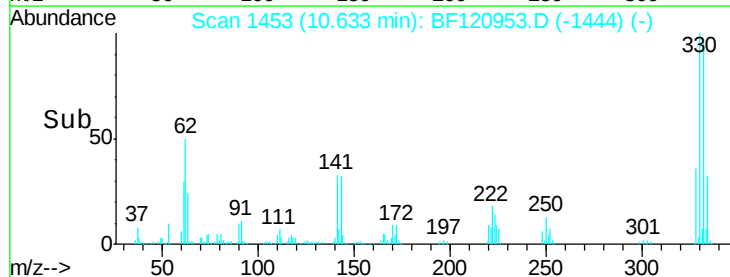
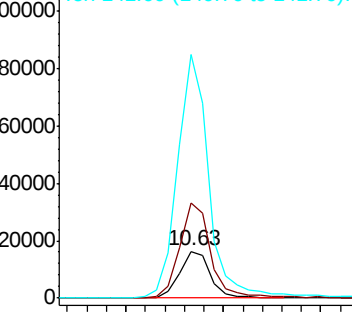


#67
 4-Bromophenyl-phenylether
 Concen: 2.450 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

Tgt Ion:248 Resp: 17753
 Ion Ratio Lower Upper
 248 100
 250 203.1 77.1 115.7#
 141 522.7 61.2 91.8#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB130359BL

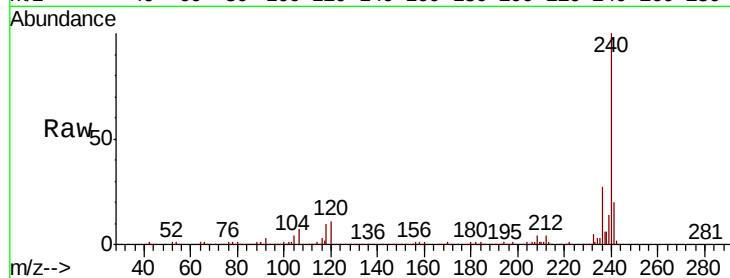
Tot Ion:240 Resp: 550153

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

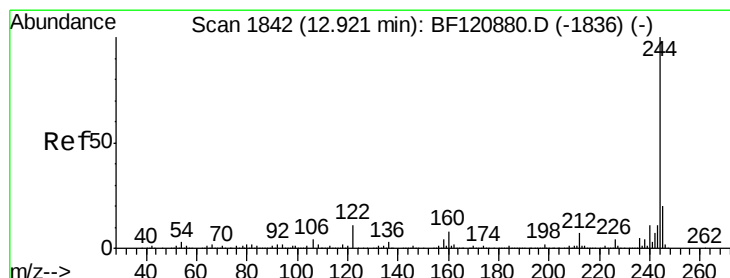
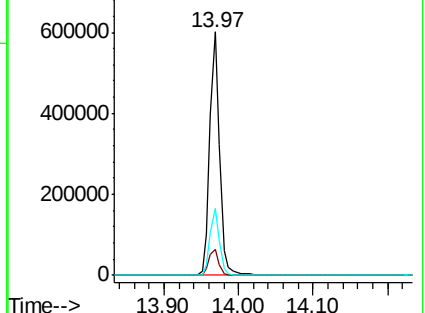
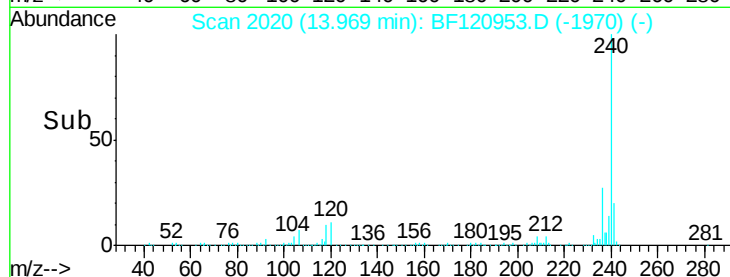
236 27.3 21.7 32.5



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: 74.966 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

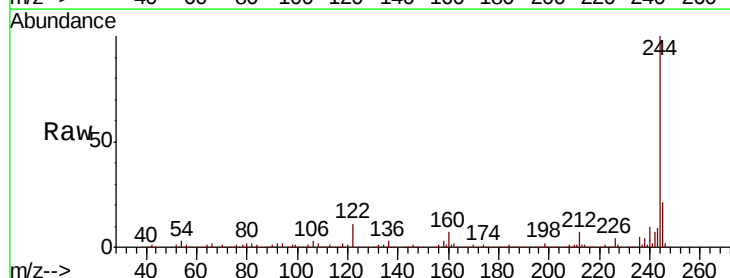
Tgt Ion:244 Resp: 1897279

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

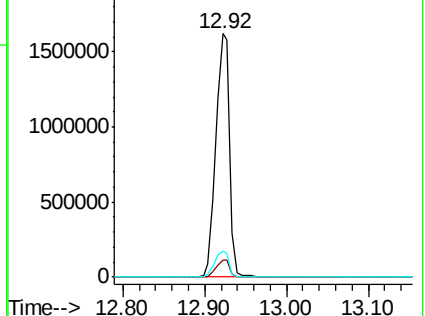
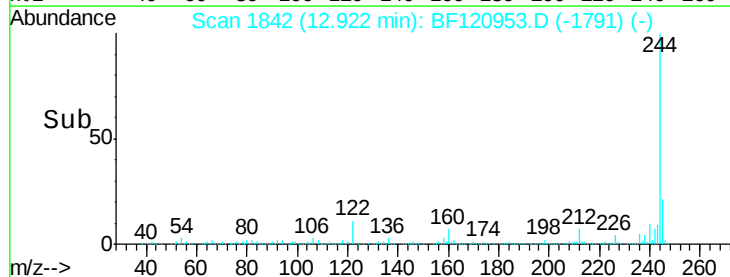
122 10.8 8.9 13.3

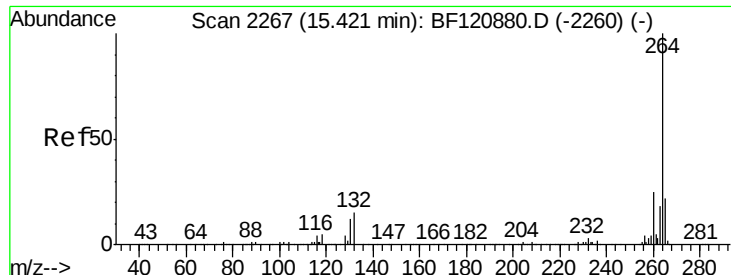


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	21.5	17.4	26.2

