

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121220.D
 Acq On : 7 Aug 2020 00:13
 Operator : JU/CG
 Sample : L3575-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-016

Quant Time: Aug 07 02:07:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

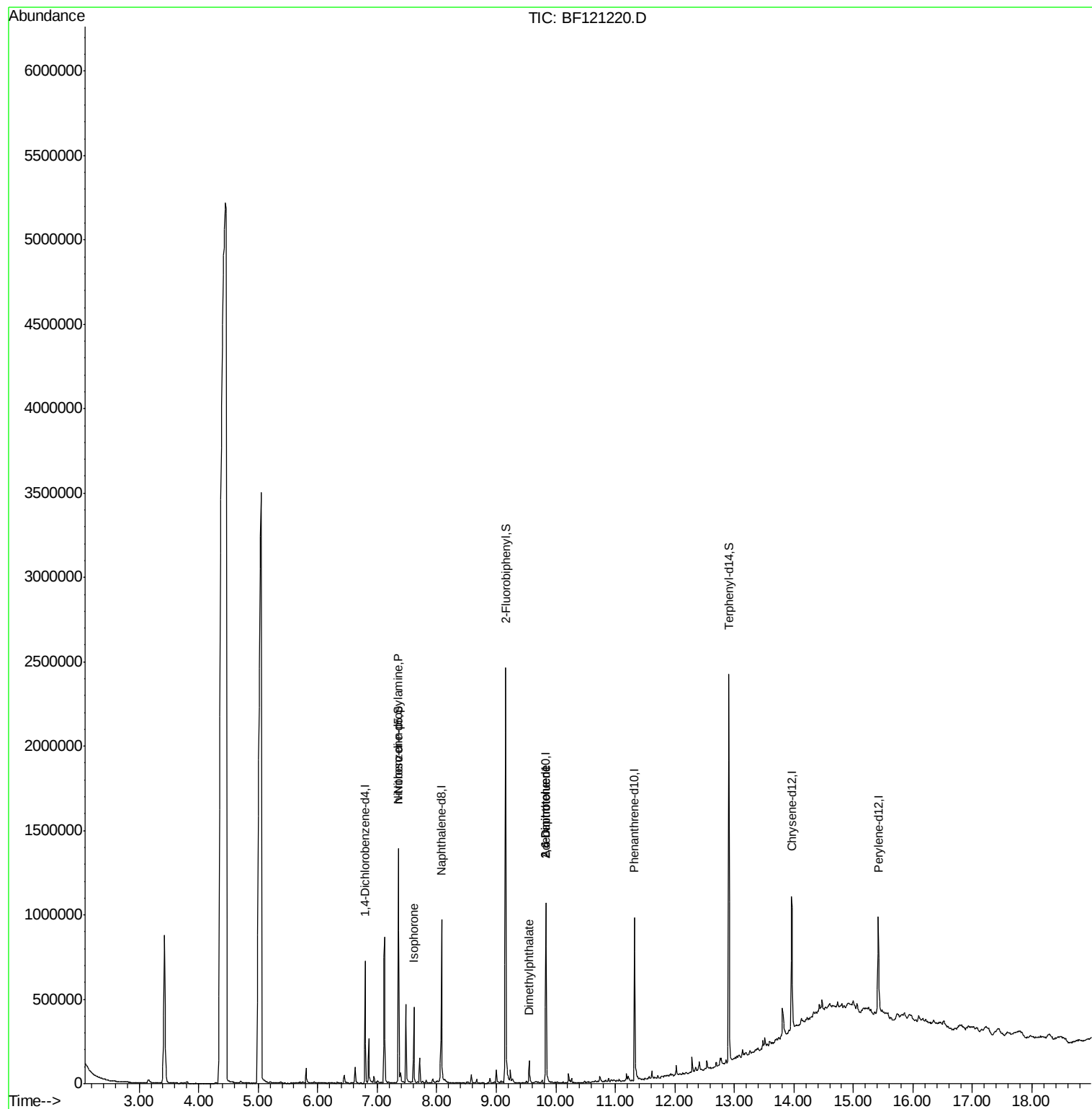
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122535	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	474662	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	234707	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	407081	20.00	ng	0.00
76) Chrysene-d12	13.96	240	320104	20.00	ng	0.00
86) Perylene-d12	15.42	264	297205	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.45	99	10323	1.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	431248	52.57	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.16	172	878181	55.86	ng	0.00
79) Terphenyl-d14	12.91	244	737116	50.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	496	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	58339	10.626	ng	# 78
25) Isophorone	7.62	82	192758	11.774	ng	98
50) Dimethylphthalate	9.55	163	71543	4.225	ng	100
51) 2,6-Dinitrotoluene	9.83	165	29939	8.230	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	29939	6.267	ng	# 29

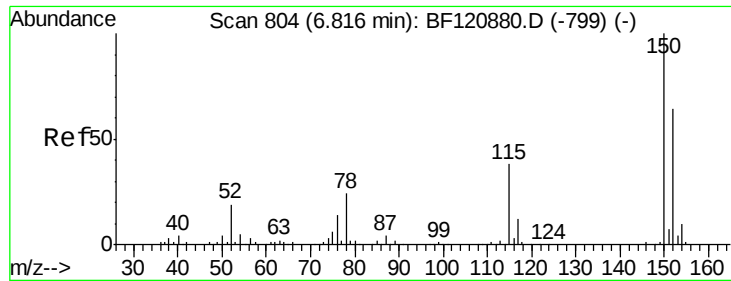
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121220.D
Acq On : 7 Aug 2020 00:13
Operator : JU/CG
Sample : L3575-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-016

Quant Time: Aug 07 02:07:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration



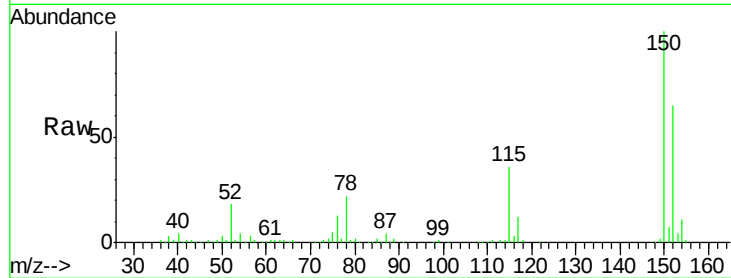


#1

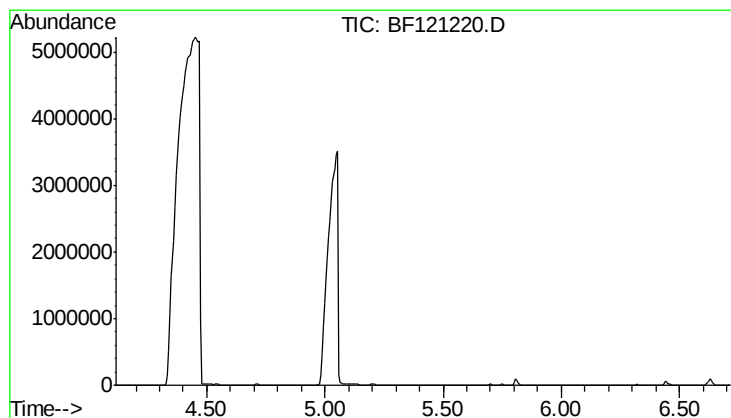
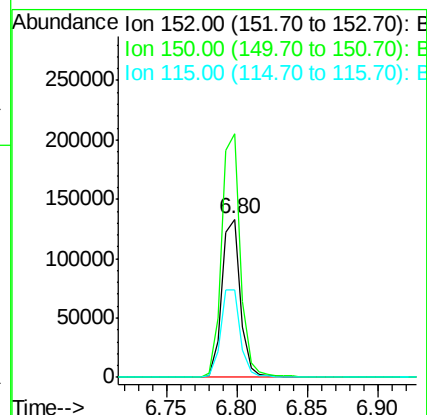
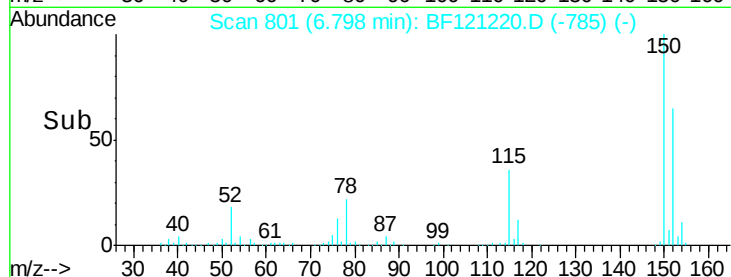
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121220.D
Acq: 7 Aug 2020 00:13

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-016

Tot Ion:152 Resp: 122535
Ion Ratio Lower Upper
152 100
150 153.7 125.6 188.4
115 55.0 46.2 69.2



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

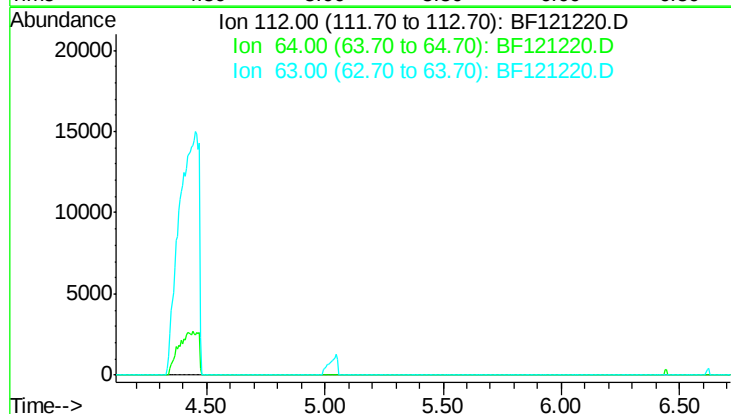


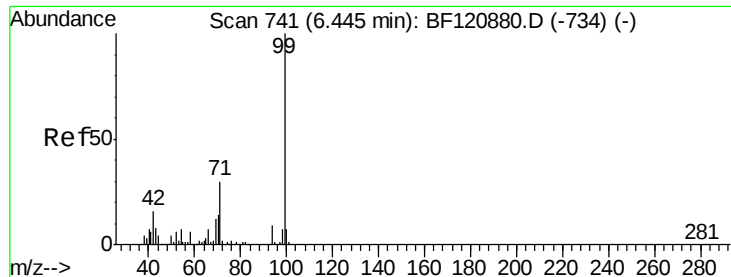
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.42 min

Lab File: BF121220.D
Acq: 7 Aug 2020 00:13

Tgt Ion: 112
Sig Exp Ratio
112 100
64 54.9
63 28.4





#7

Phenol-d6

Concen: 1.069 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016

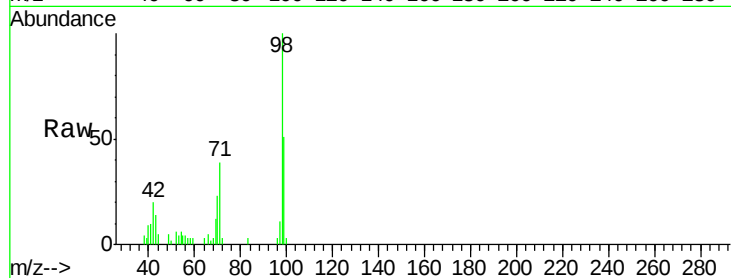
Tot Ion: 99 Resp: 10323

Ion Ratio Lower Upper

99 100

42 38.2 13.5 20.3#

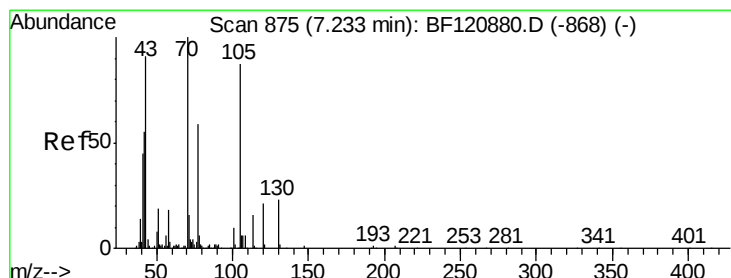
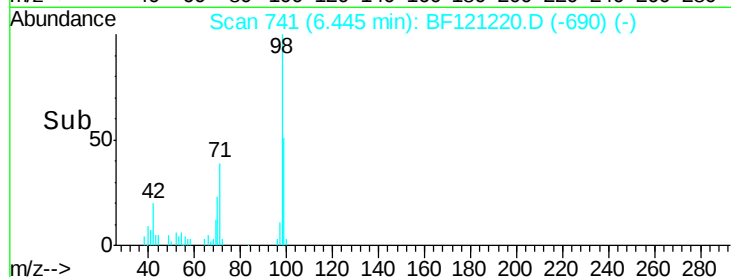
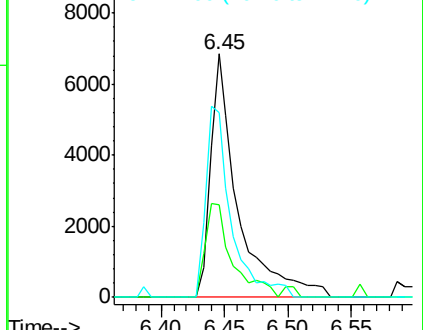
71 76.1 25.0 37.4#



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.626 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Tgt Ion: 70 Resp: 58339

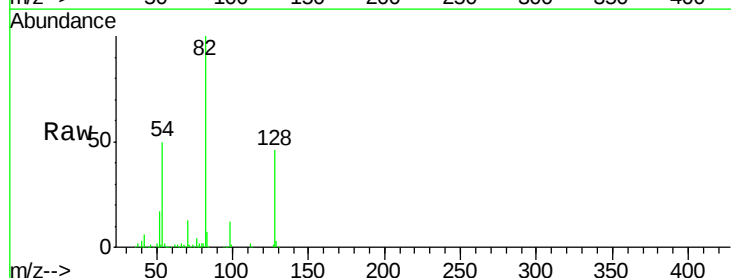
Ion Ratio Lower Upper

70 100

42 46.0 43.3 64.9

101 0.0 8.4 12.6#

130 2.2 18.7 28.1#

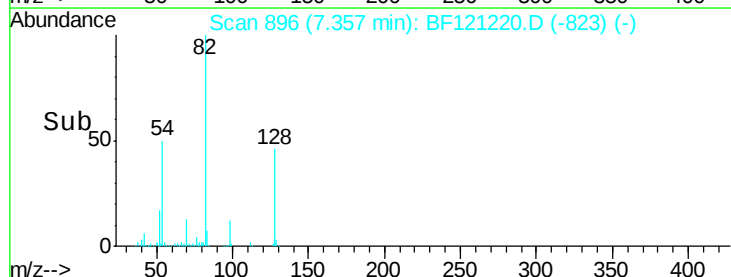
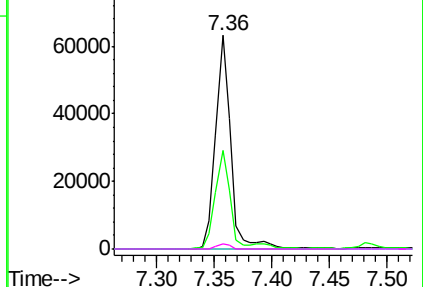


Abundance Ion 70.00 (69.70 to 70.70): BF1

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. -0.01 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016

Tot Ion:136 Resp: 474662

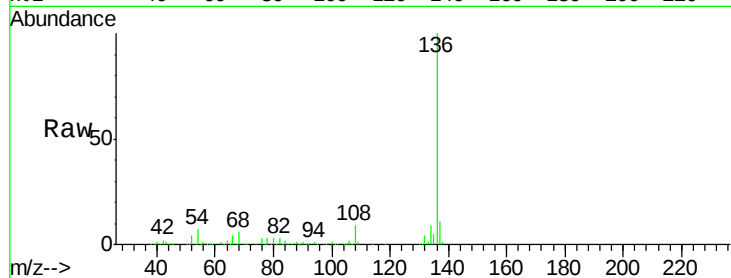
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.9 6.1 9.1

68 5.8 5.0 7.6

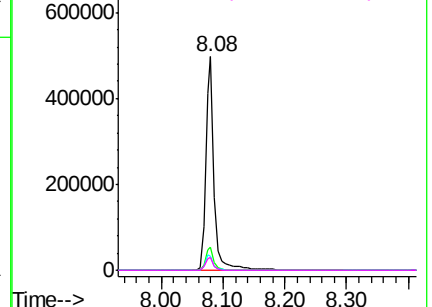
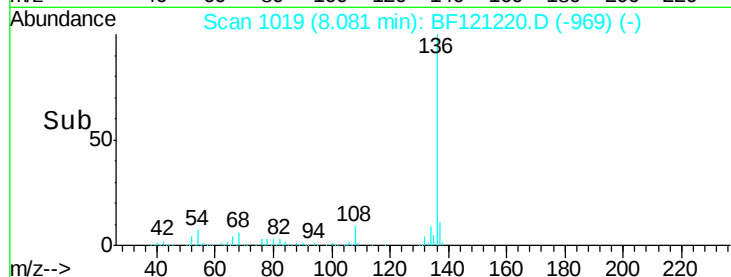


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.571 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

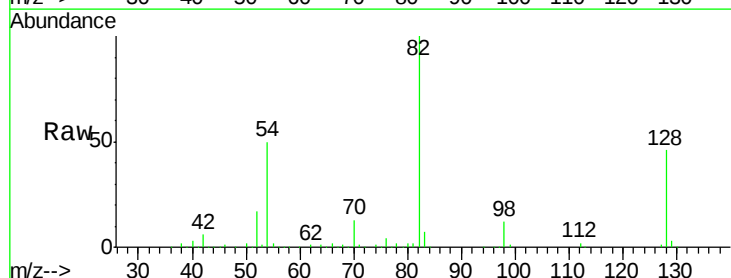
Tgt Ion: 82 Resp: 431248

Ion Ratio Lower Upper

82 100

128 46.5 39.2 58.8

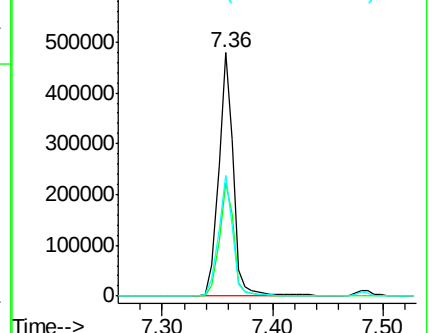
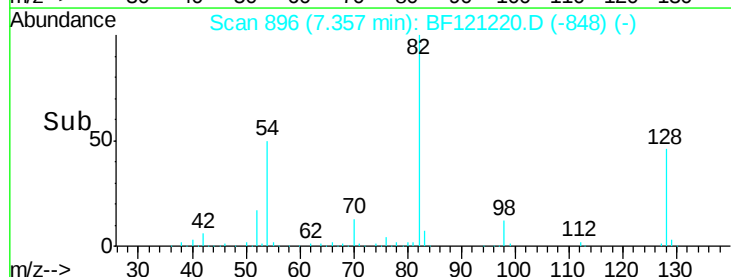
54 49.7 37.8 56.8

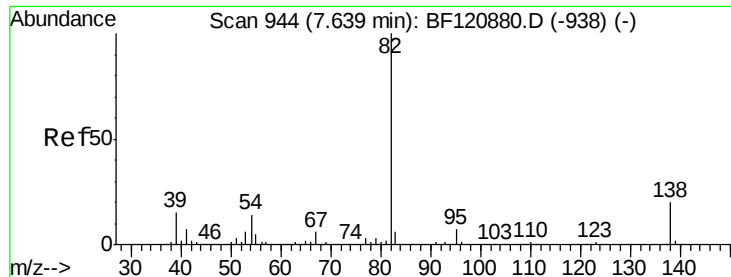


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 11.774 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016

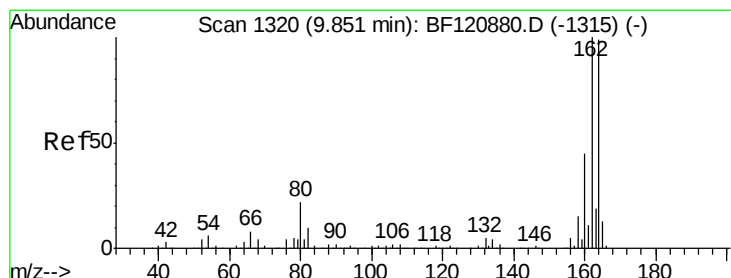
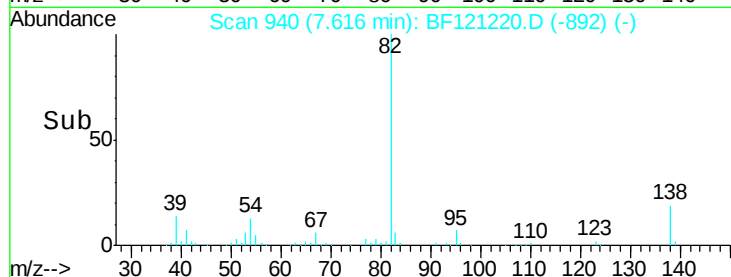
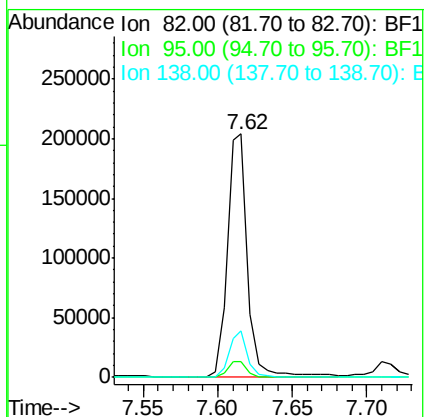
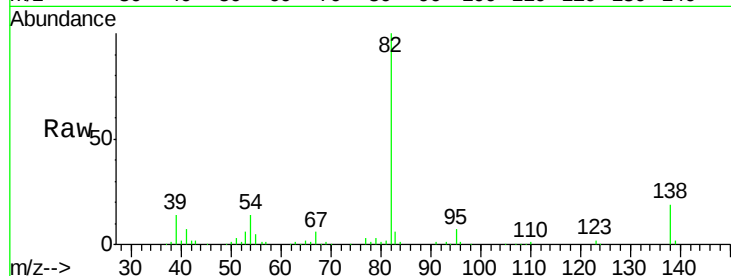
Tot Ion: 82 Resp: 192758

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 19.0 16.2 24.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

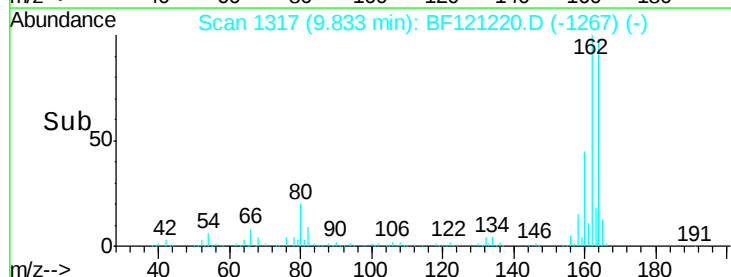
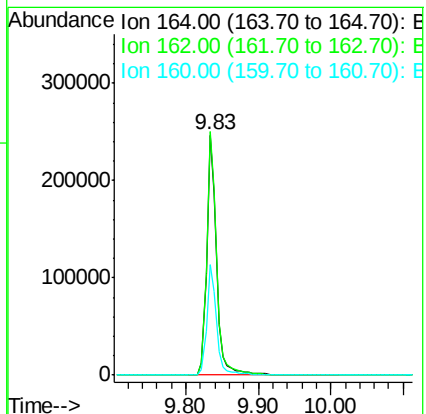
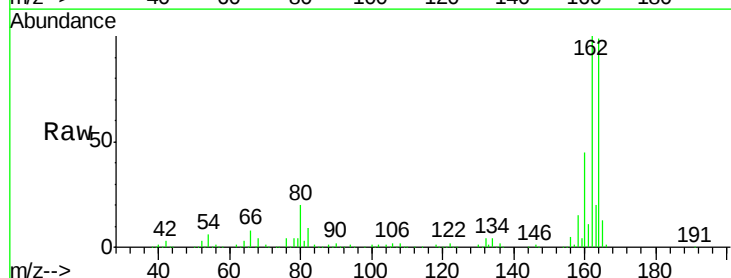
Tgt Ion:164 Resp: 234707

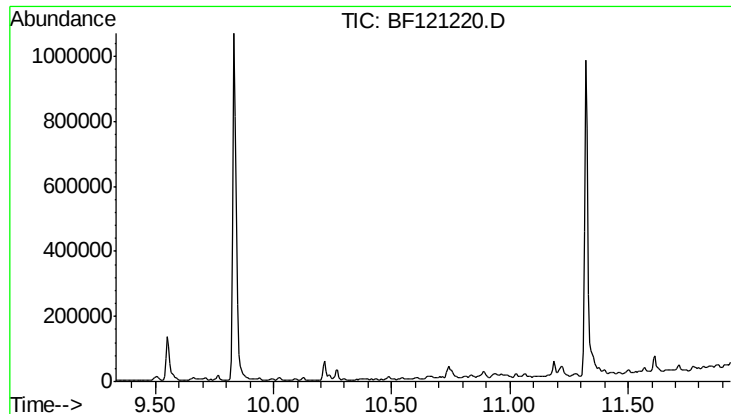
Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.2

160 45.8 37.2 55.8

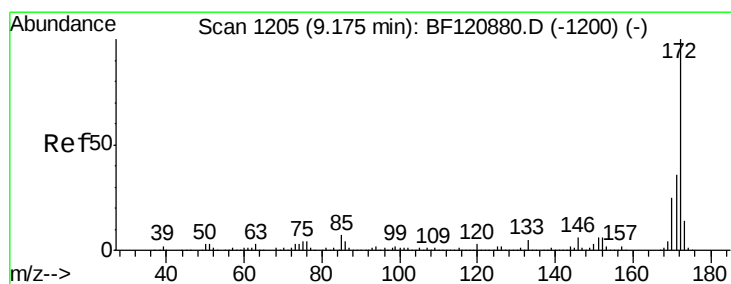
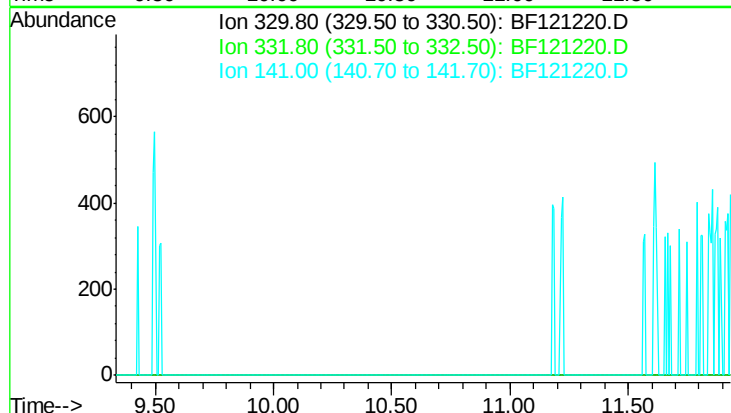




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF121220.D
 Acq: 7 Aug 2020 00:13

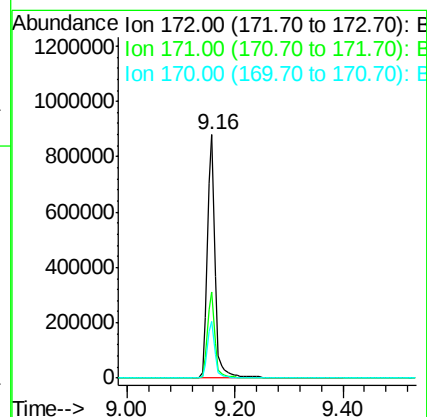
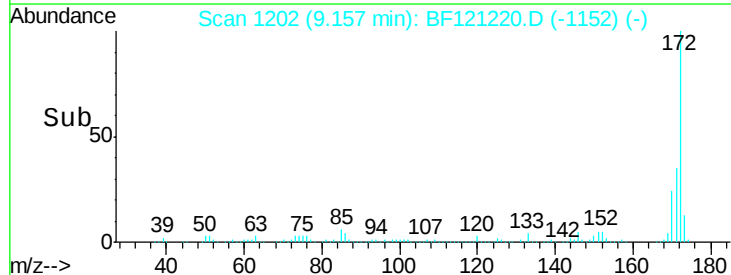
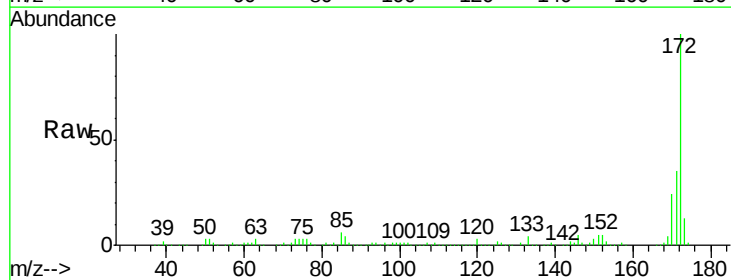
Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-016

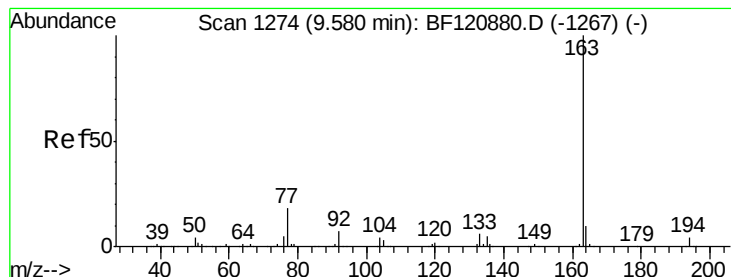
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.1
 141 30.1



#45
 2-Fluorobiphenyl
 Concen: 55.864 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121220.D
 Acq: 7 Aug 2020 00:13

Tgt Ion: 172 Resp: 878181
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.4
 170 23.5 19.6 29.4





#50

Dimethylphthalate

Concen: 4.225 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016

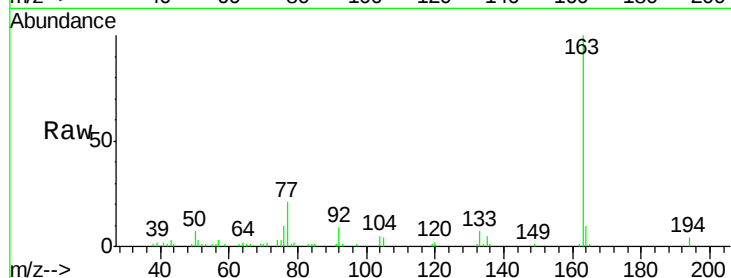
Tot Ion:163 Resp: 71543

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

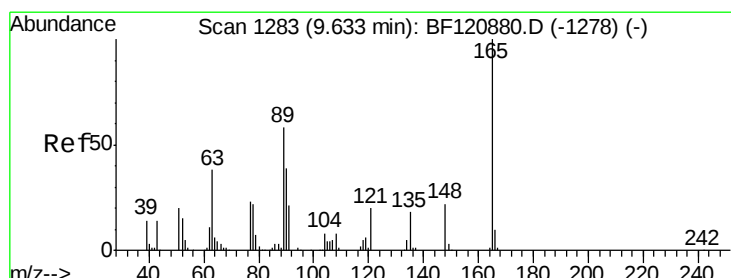
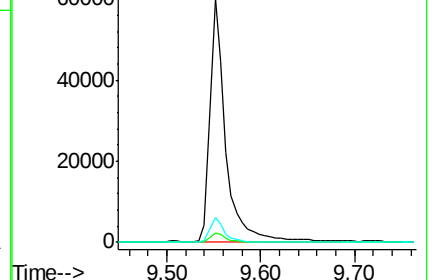
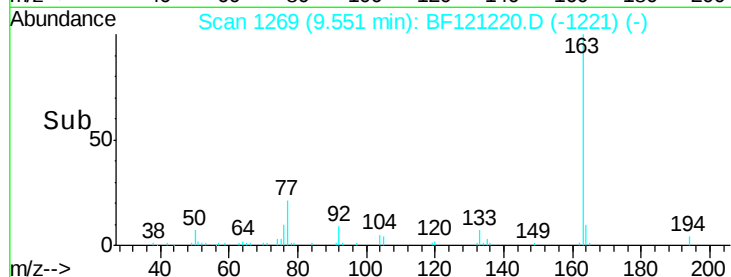
164 10.4 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.230 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

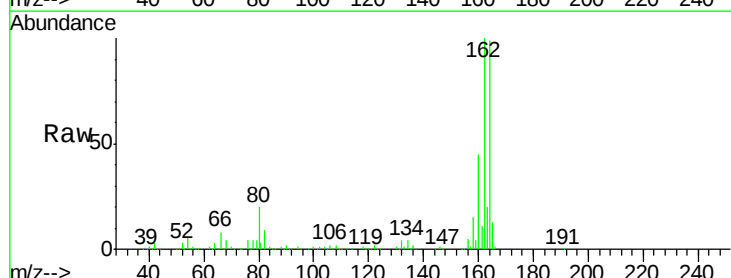
Tgt Ion:165 Resp: 29939

Ion Ratio Lower Upper

165 100

63 1.2 41.1 61.7#

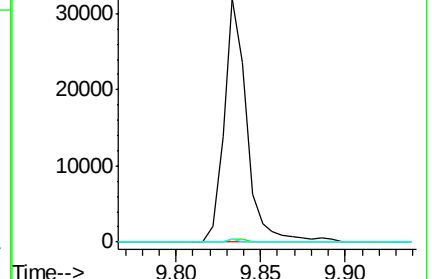
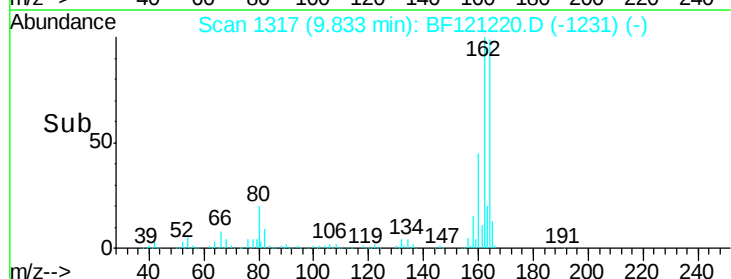
89 1.4 43.5 65.3#

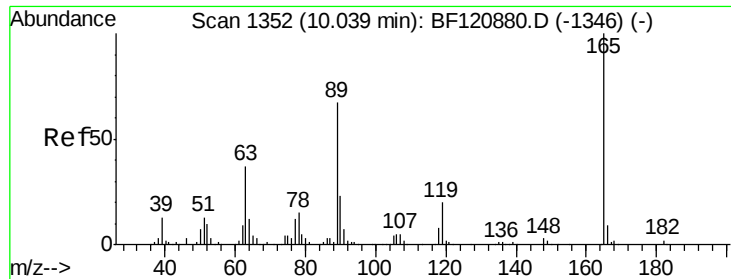


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

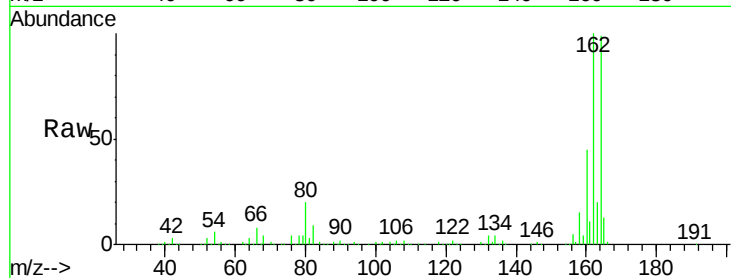




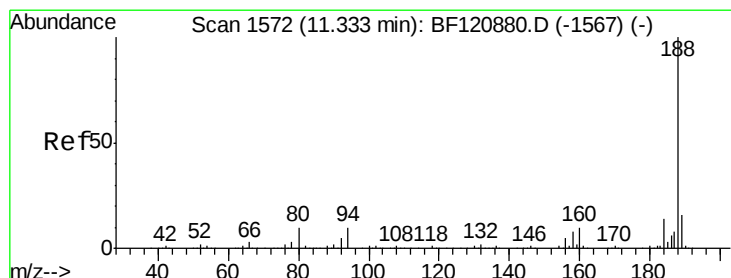
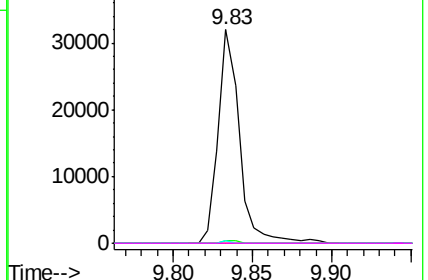
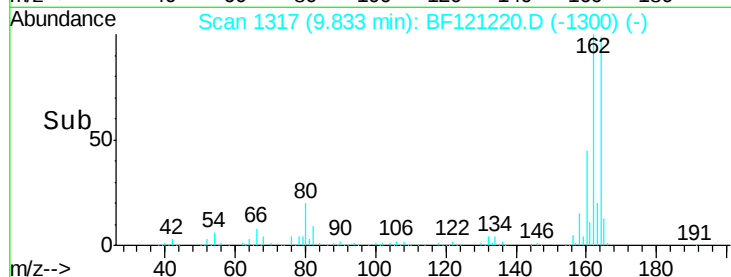
#57
 2,4-Dinitrotoluene
 Concen: 6.267 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121220.D
 Acq: 7 Aug 2020 00:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-016

Tot Ion:165 Resp: 29939
 Ion Ratio Lower Upper
 165 100
 63 1.2 29.8 44.8#
 89 1.4 50.3 75.5#
 182 0.0 2.1 3.1#

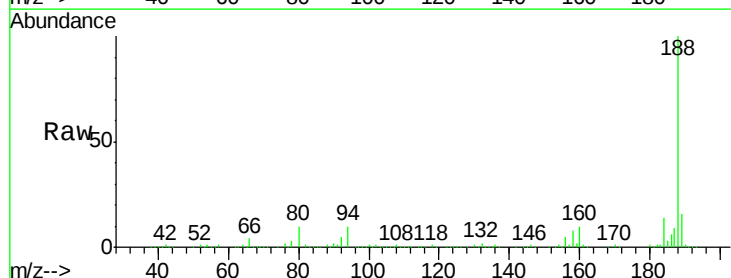


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

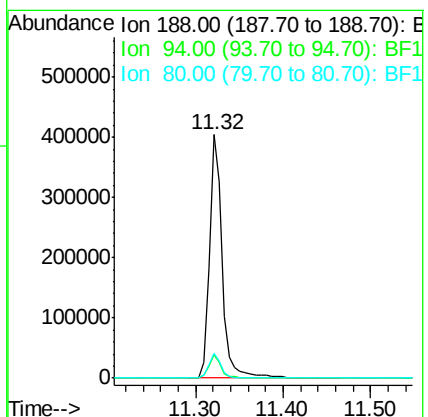
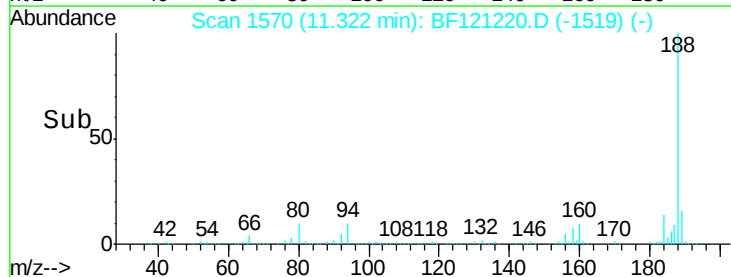


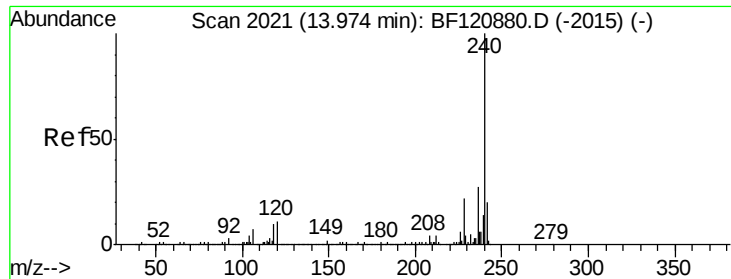
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF121220.D
 Acq: 7 Aug 2020 00:13

Tgt Ion:188 Resp: 407081
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.0 12.0
 80 10.4 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016

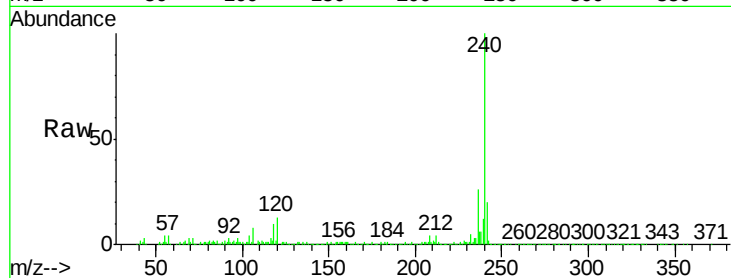
Tot Ion:240 Resp: 320104

Ion Ratio Lower Upper

240 100

120 12.6 9.3 13.9

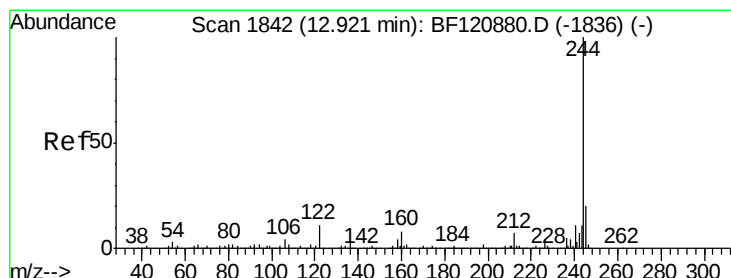
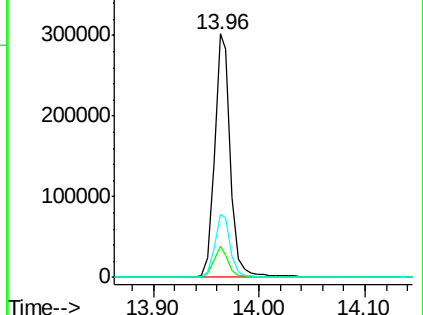
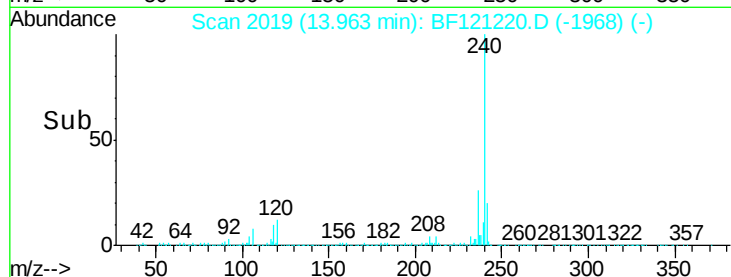
236 26.1 21.1 31.7



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: 50.057 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121220.D

Acq: 7 Aug 2020 00:13

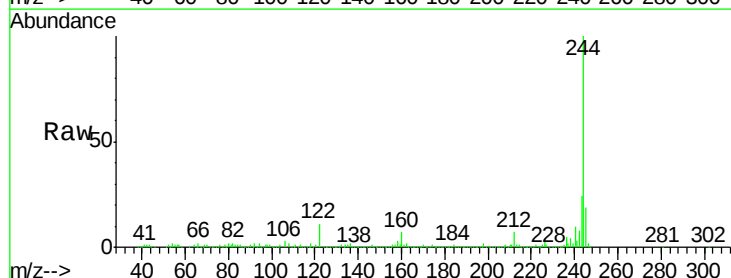
Tgt Ion:244 Resp: 737116

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

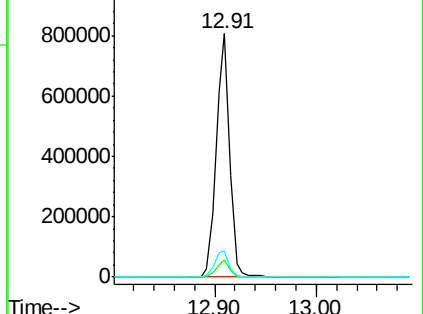
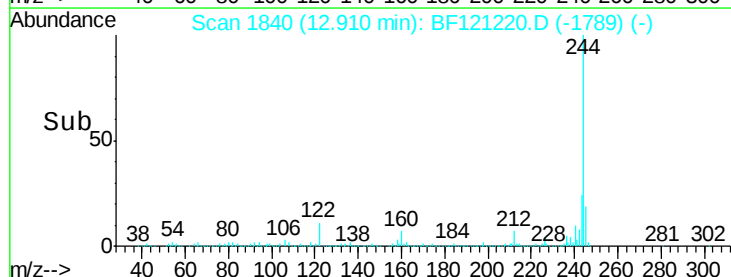
122 10.8 8.3 12.5

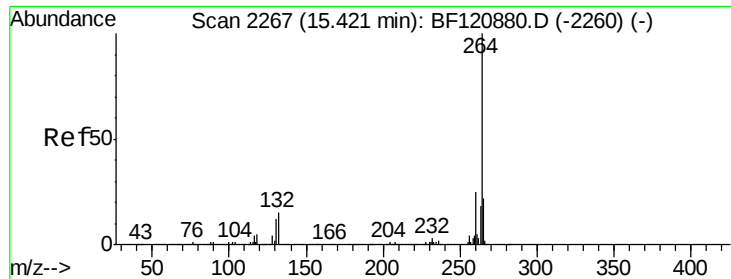


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

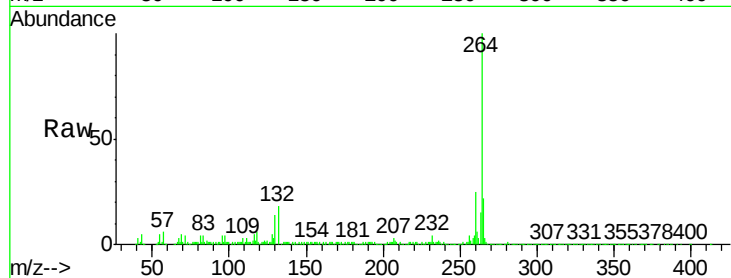




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF121220.D
 Acq: 7 Aug 2020 00:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-016

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	21.7	17.8	26.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

