

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121221.D
 Acq On : 7 Aug 2020 00:43
 Operator : JU/CG
 Sample : L3576-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-017

Quant Time: Aug 07 02:07:54 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

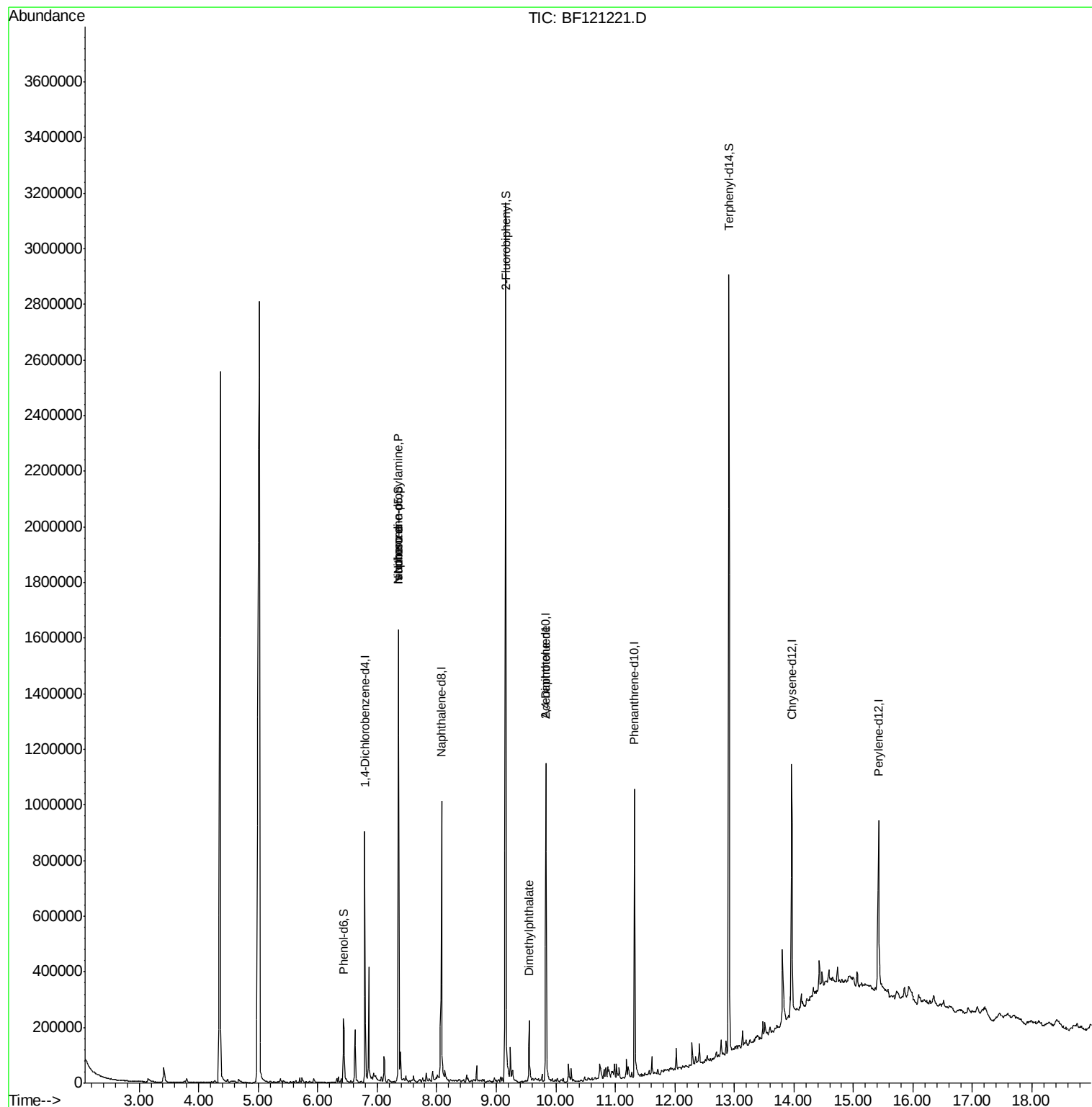
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125714	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	488362	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	246573	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	434903	20.00	ng	0.00
76) Chrysene-d12	13.96	240	335265	20.00	ng	0.00
86) Perylene-d12	15.42	264	314680	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	4178	0.54	ng	0.00
7) Phenol-d6	6.43	99	90040	9.09	ng	-0.01
23) Nitrobenzene-d5	7.36	82	547044	64.82	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.16	172	1059548	64.16	ng	0.00
79) Terphenyl-d14	12.91	244	923979	59.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	4453	Below Cal		Qvalue # 75
19) n-Nitroso-di-n-propylamine	7.36	70	69597	12.356	ng	# 80
25) Isophorone	7.36	82	532570	31.617	ng	# 62
50) Dimethylphthalate	9.55	163	106648	5.995	ng	100
57) 2,4-Dinitrotoluene	9.83	165	31272	6.231	ng	# 29

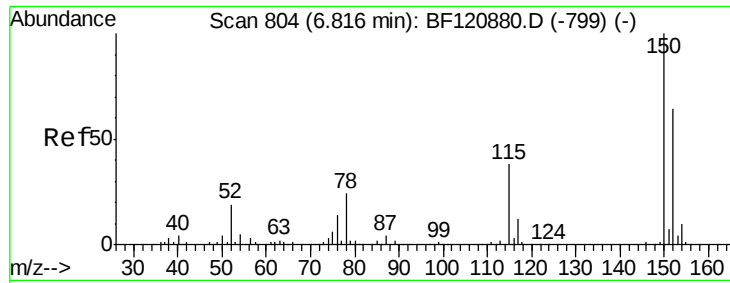
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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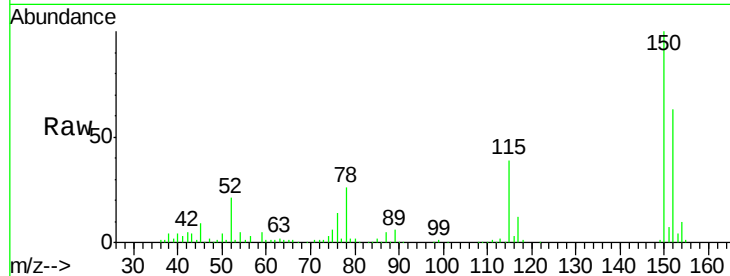


#1

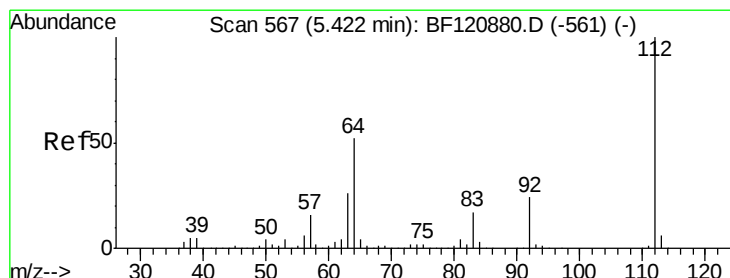
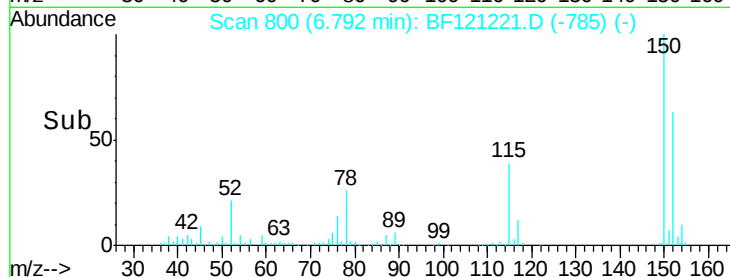
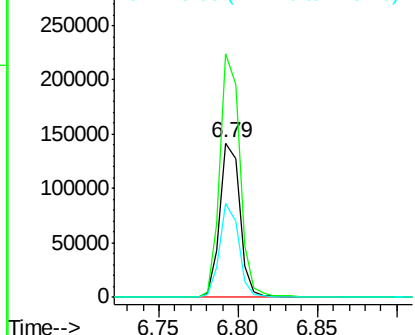
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121221.D
 Acq: 7 Aug 2020 00:43

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-017

Tot Ion:152 Resp: 125714
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.6 188.4
 115 60.9 46.2 69.2



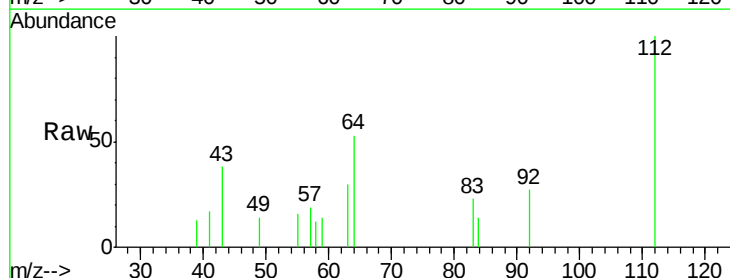
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



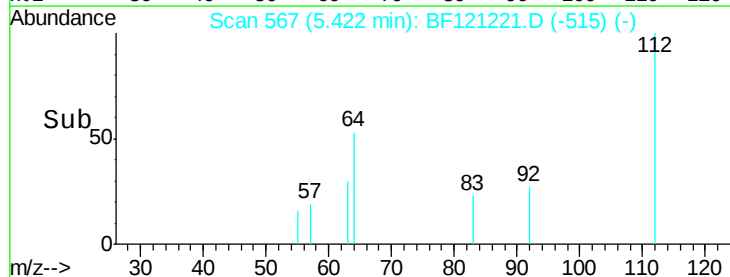
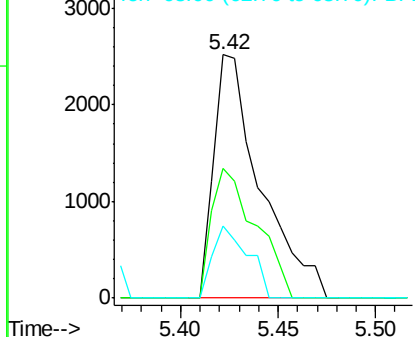
#5

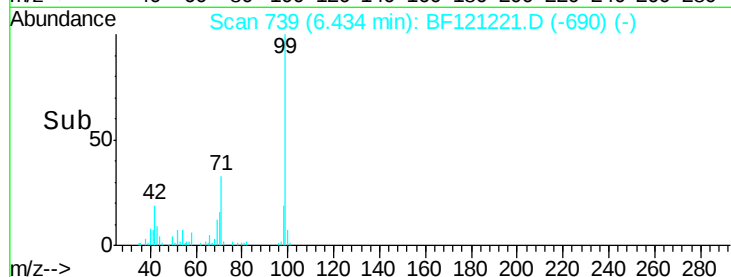
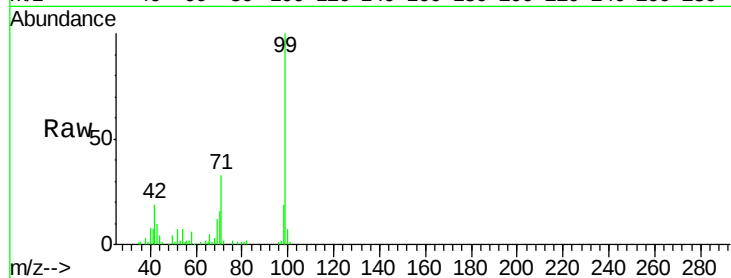
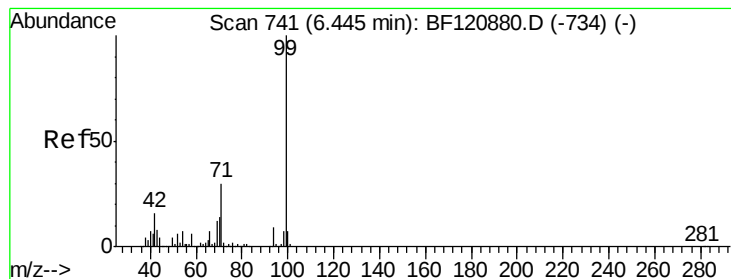
2-Fluorophenol
 Concen: 0.545 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF121221.D
 Acq: 7 Aug 2020 00:43

Tgt Ion:112 Resp: 4178
 Ion Ratio Lower Upper
 112 100
 64 53.1 43.9 65.9
 63 29.8 22.7 34.1



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: 9.090 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121221.D

Acq: 7 Aug 2020 00:43

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-017

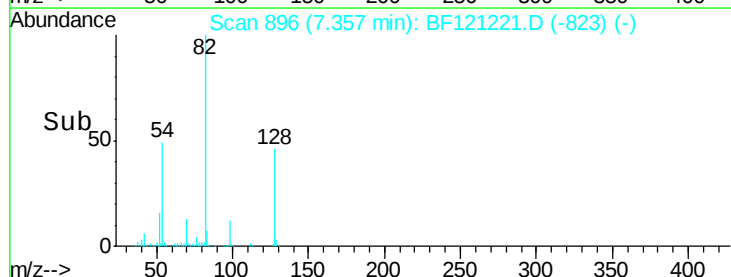
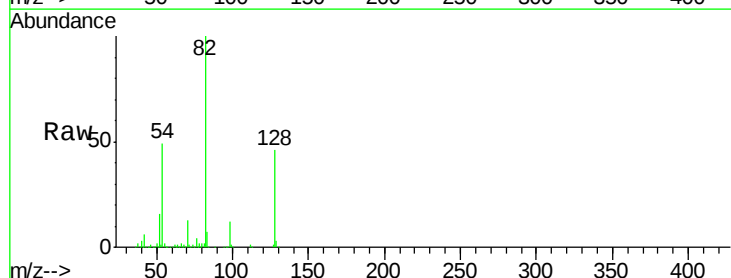
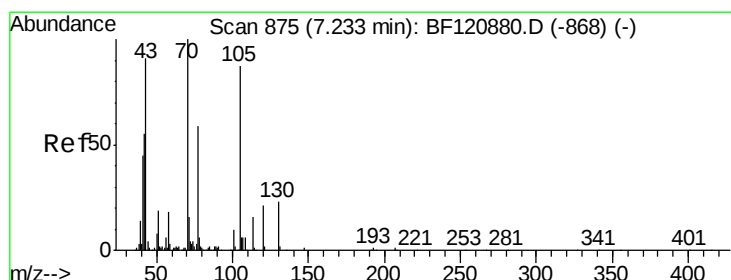
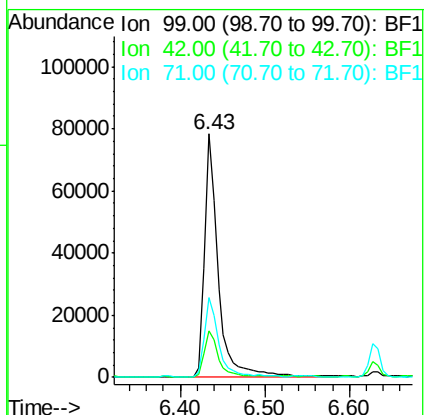
Tot Ion: 99 Resp: 90040

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

71 33.0 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.356 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121221.D

Acq: 7 Aug 2020 00:43

Tgt Ion: 70 Resp: 69597

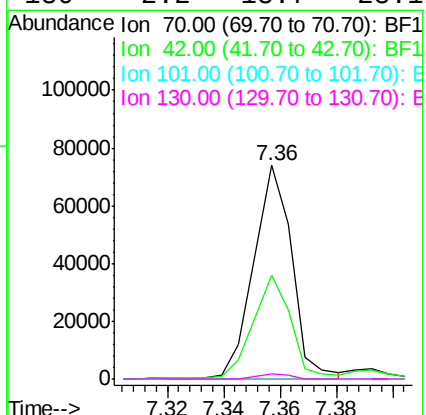
Ion Ratio Lower Upper

70 100

42 48.4 43.3 64.9

101 0.0 8.4 12.6#

130 2.2 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121221.D

Acq: 7 Aug 2020 00:43

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-017

Tot Ion:136 Resp: 488362

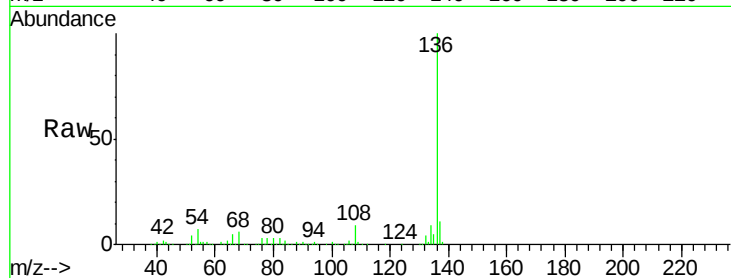
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.7 6.1 9.1

68 5.6 5.0 7.6

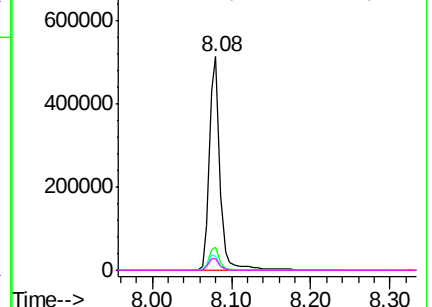
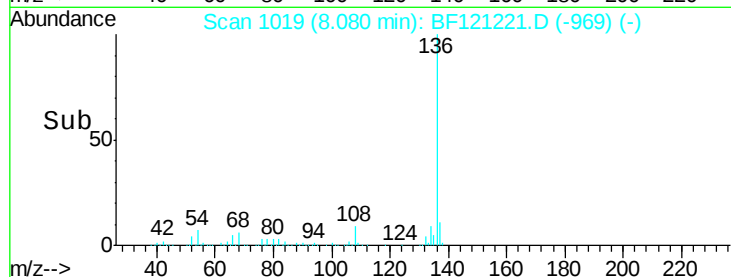


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.816 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121221.D

Acq: 7 Aug 2020 00:43

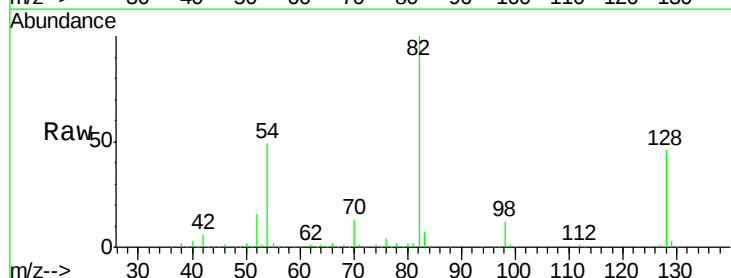
Tgt Ion: 82 Resp: 547044

Ion Ratio Lower Upper

82 100

128 45.8 39.2 58.8

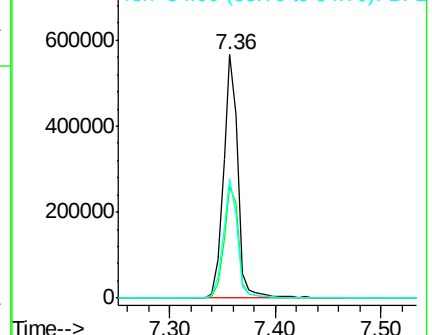
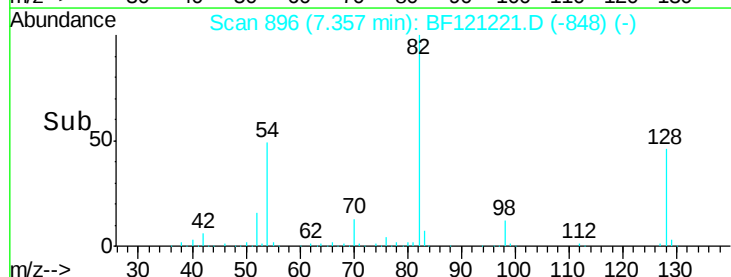
54 48.9 37.8 56.8



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: 31.617 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121221.D

Acq: 7 Aug 2020 00:43

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-017

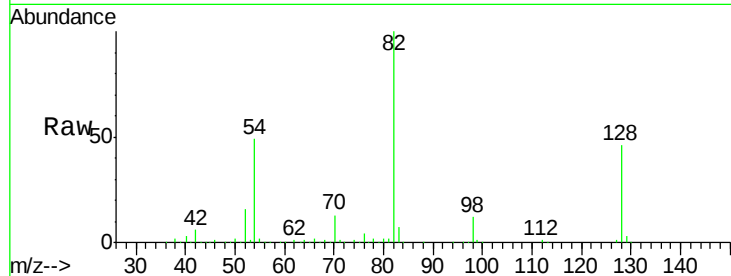
Tot Ion: 82 Resp: 532570

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

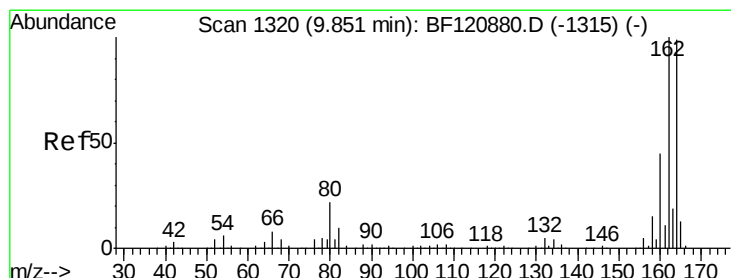
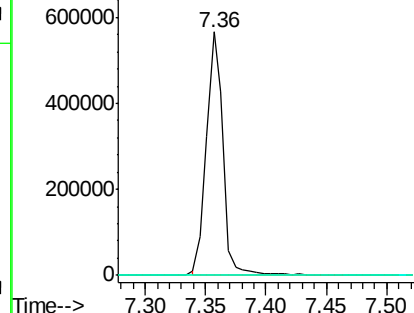
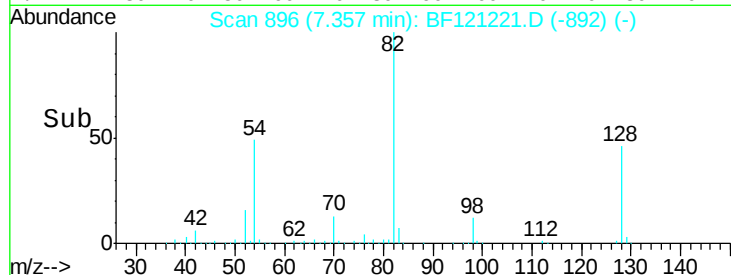
138 0.0 16.2 24.2#



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. -0.01 min

Lab File: BF121221.D

Acq: 7 Aug 2020 00:43

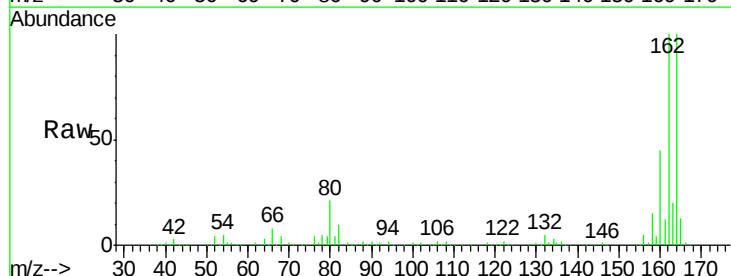
Tgt Ion: 164 Resp: 246573

Ion Ratio Lower Upper

164 100

162 100.1 82.2 123.2

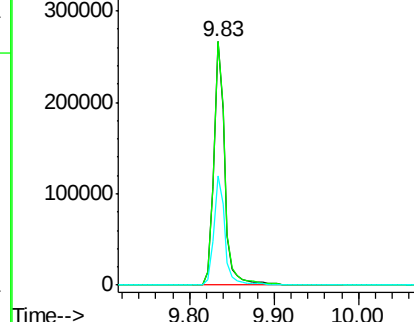
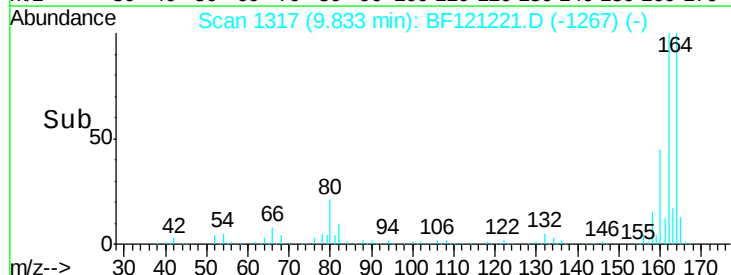
160 44.7 37.2 55.8

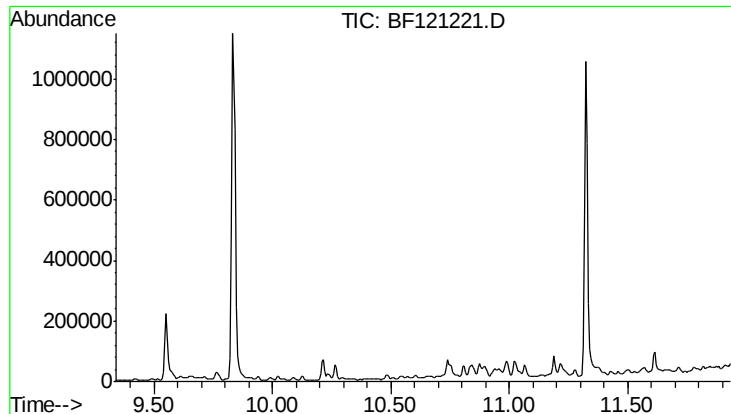


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

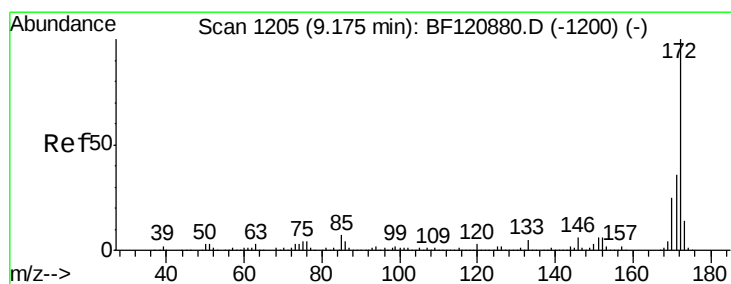
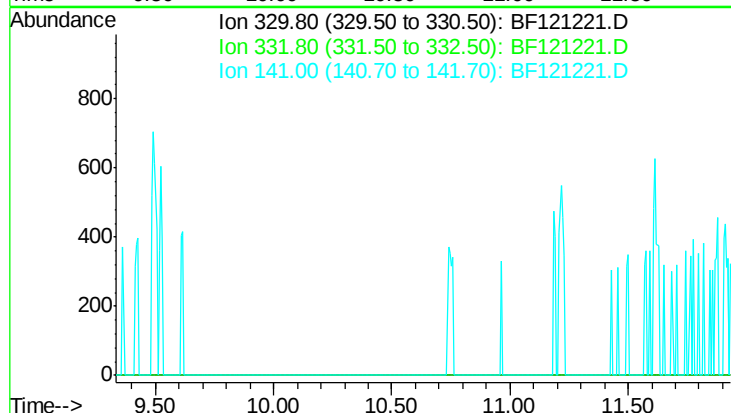




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF121221.D
 Acq: 7 Aug 2020 00:43

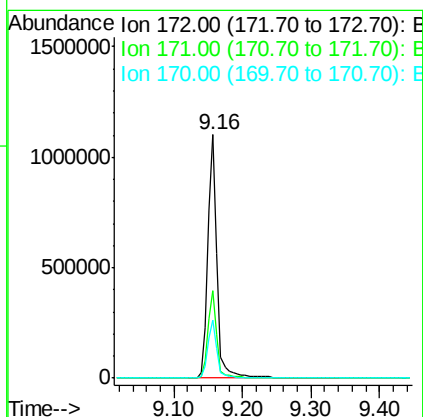
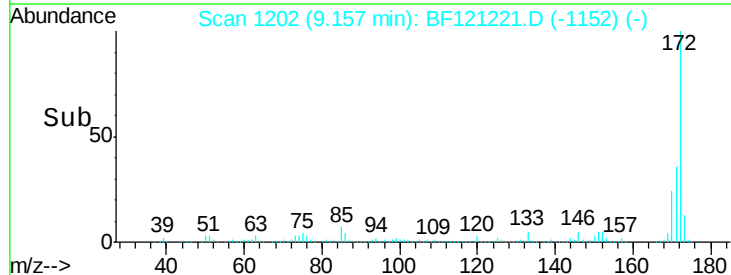
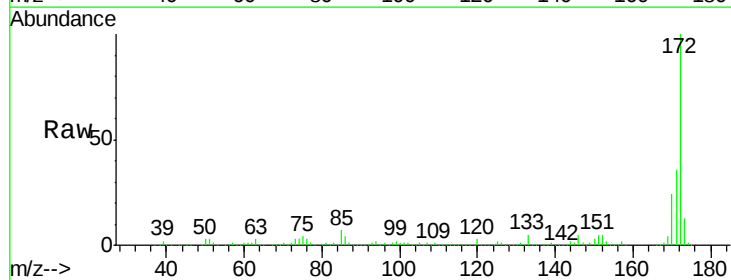
Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-017

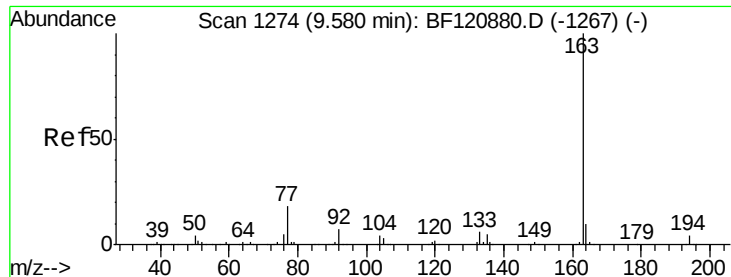
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.1
 141 30.1



#45
 2-Fluorobiphenyl
 Concen: 64.158 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121221.D
 Acq: 7 Aug 2020 00:43

Tgt Ion: 172 Resp: 1059548
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 24.0 19.6 29.4

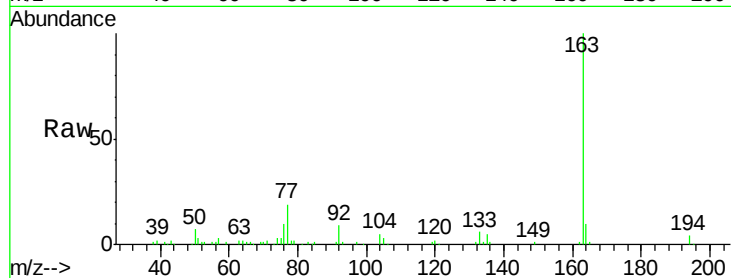




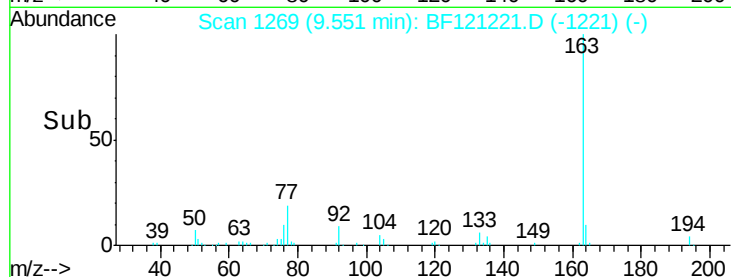
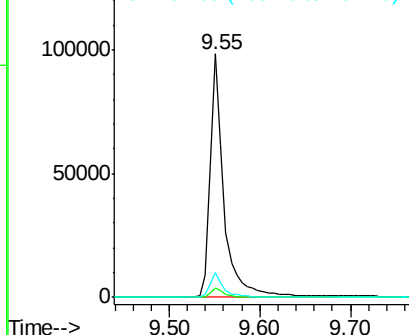
#50
Dimethylphthalate
Concen: 5.995 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121221.D
Acq: 7 Aug 2020 00:43

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-017

Tot Ion:163 Resp: 106648
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 8.4 12.6

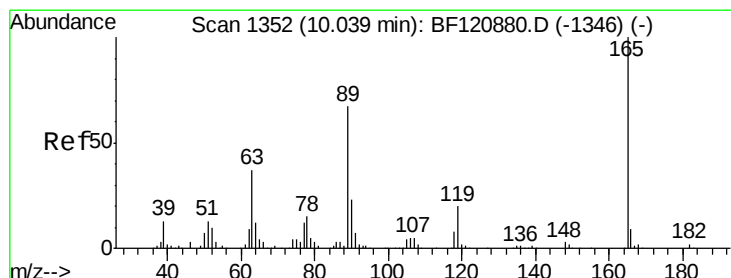


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

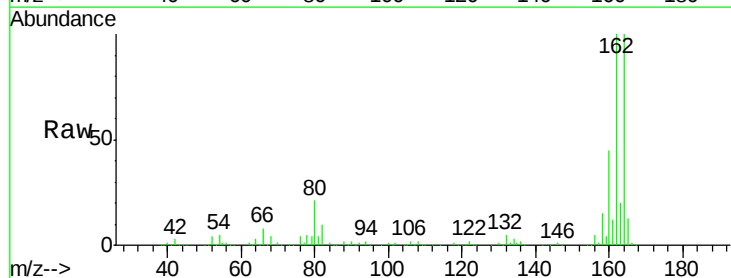
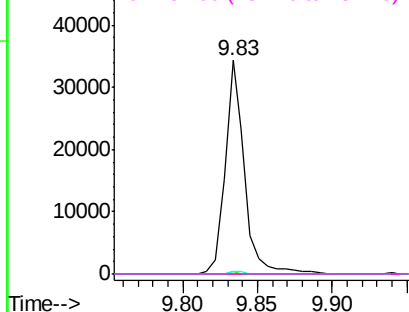


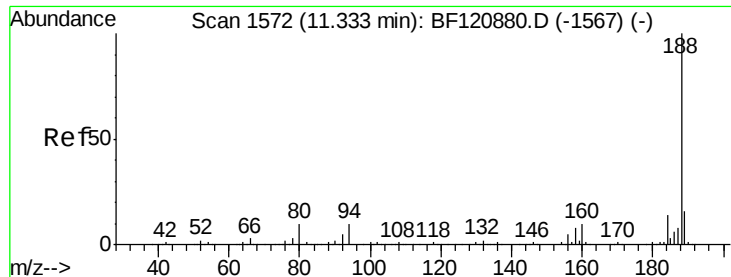
#57
2,4-Dinitrotoluene
Concen: 6.231 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121221.D
Acq: 7 Aug 2020 00:43

Tgt Ion:165 Resp: 31272
Ion Ratio Lower Upper
165 100
63 1.1 29.8 44.8#
89 1.5 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

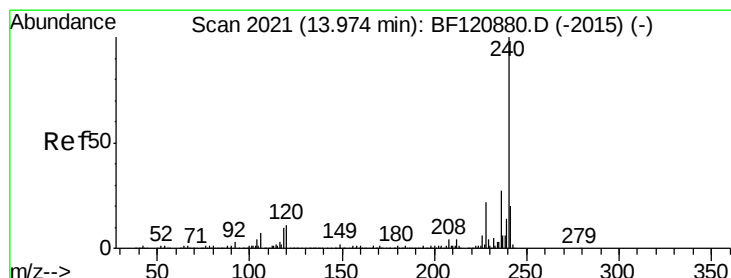
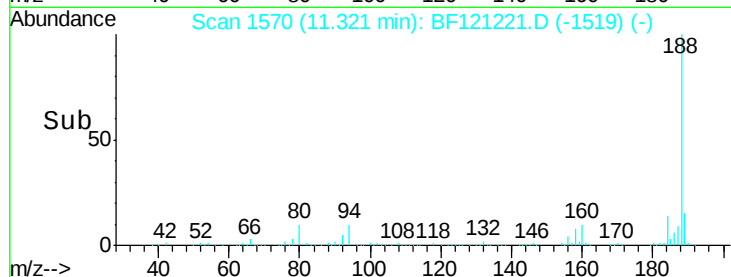
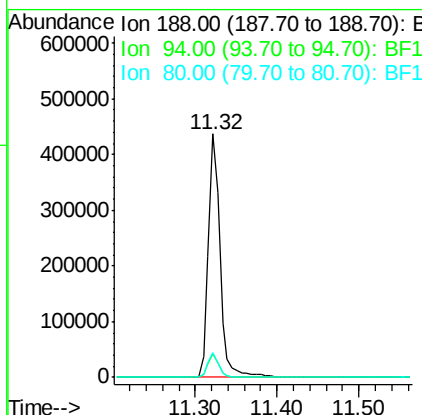
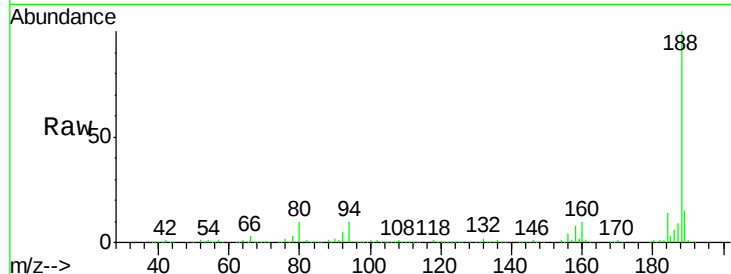




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121221.D
Acq: 7 Aug 2020 00:43

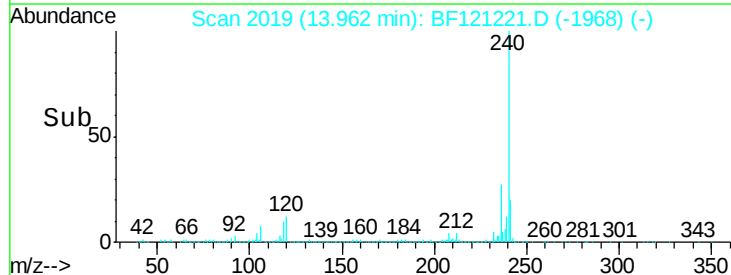
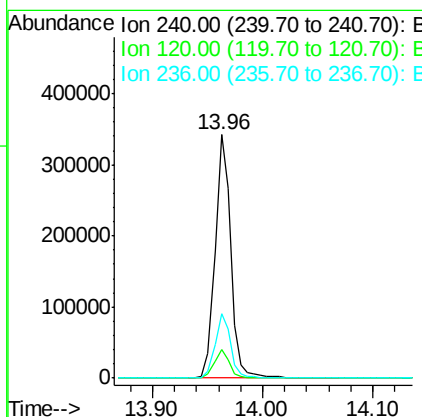
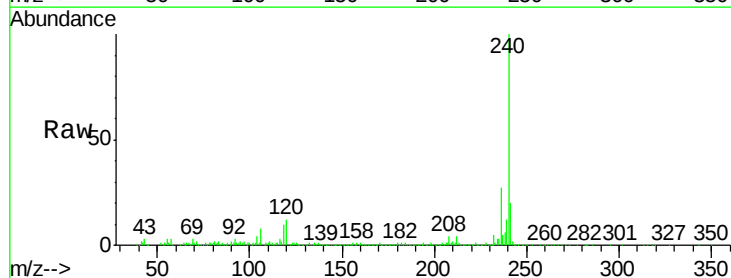
Instrument :
BNA_F
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FK-0D015-03-017

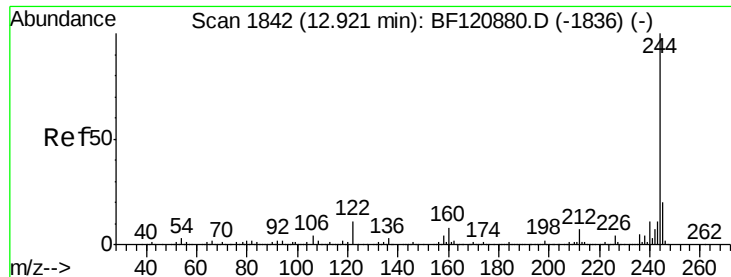
Tot Ion:188 Resp: 434903
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.3 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121221.D
Acq: 7 Aug 2020 00:43

Tgt Ion:240 Resp: 335265
Ion Ratio Lower Upper
240 100
120 12.0 9.3 13.9
236 26.6 21.1 31.7

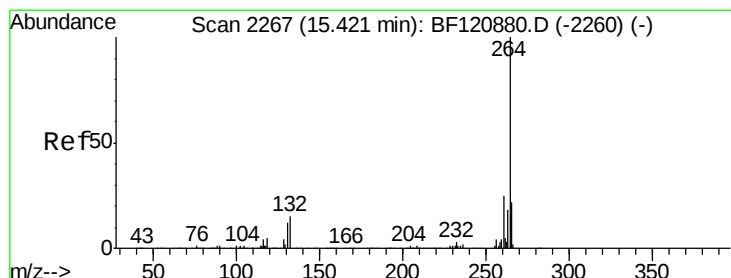
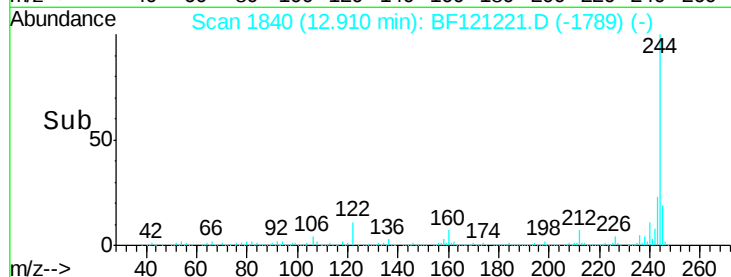
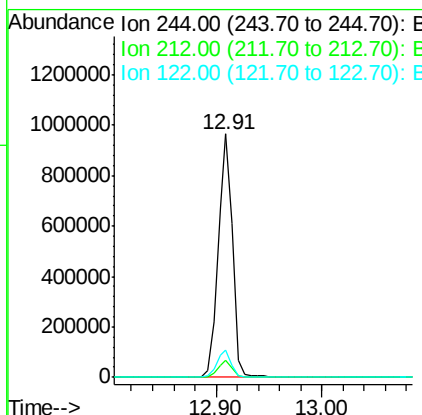
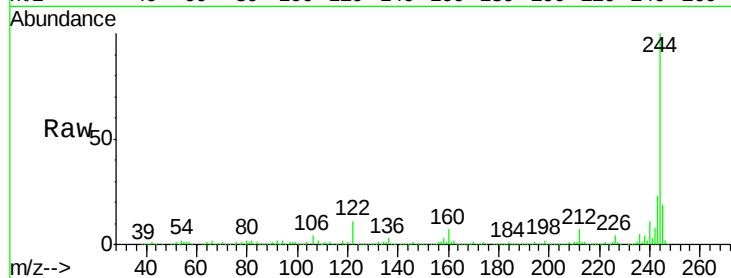




#79
 Terphenyl-d14
 Concen: 59.909 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121221.D
 Acq: 7 Aug 2020 00:43

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-017

Tot Ion:244 Resp: 923979
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: BF121221.D
 Acq: 7 Aug 2020 00:43

Tgt Ion:264 Resp: 314680
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.9 29.9
 265 21.0 17.8 26.8

