

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 04:22:35 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

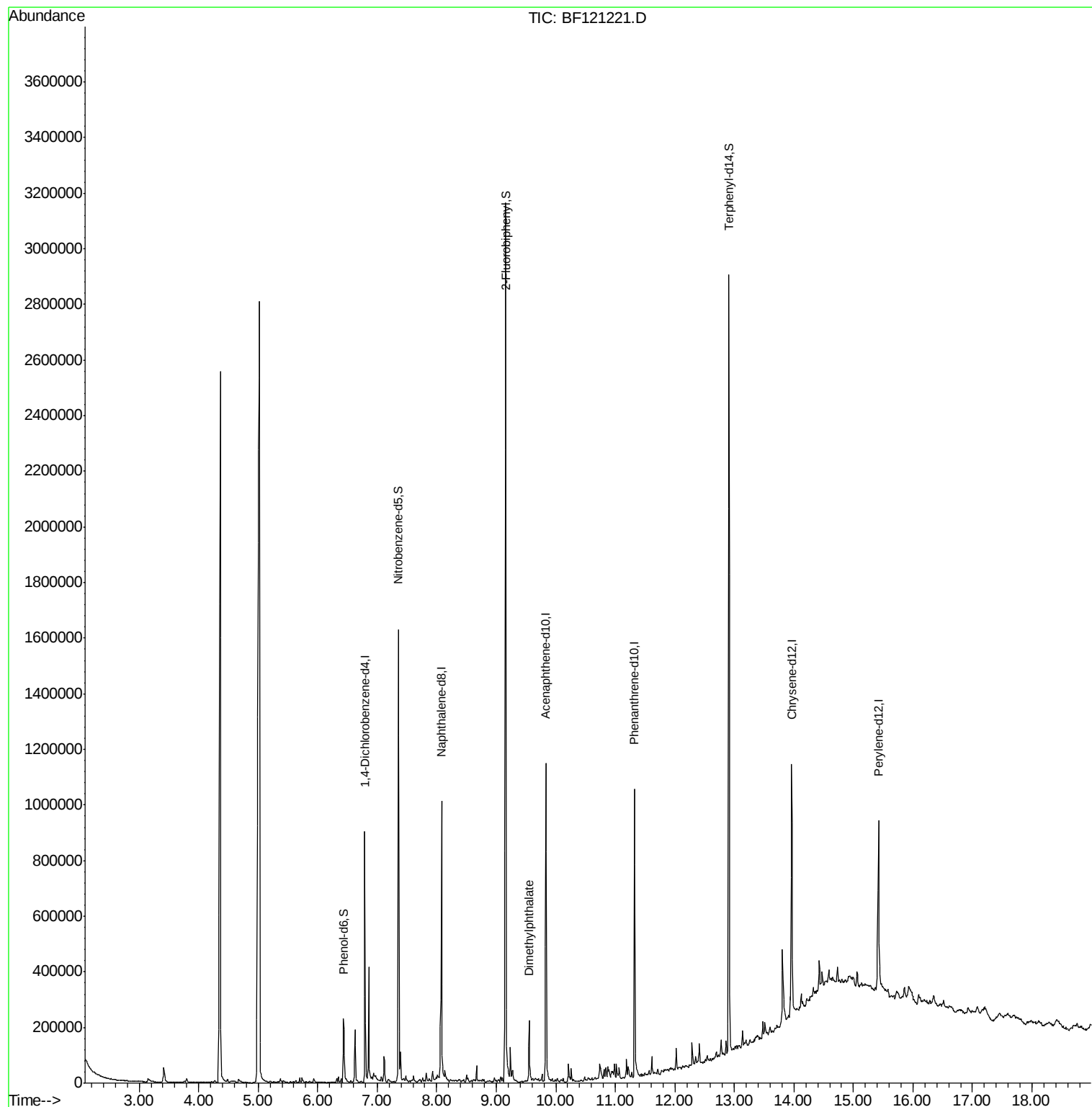
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125714	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	488362	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	246573	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	434903	20.00	ng	0.00
76) Chrysene-d12	13.96	240	335265	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						
50) Dimethylphthalate	9.55	163	106648	5.995	ng	Qvalue 100

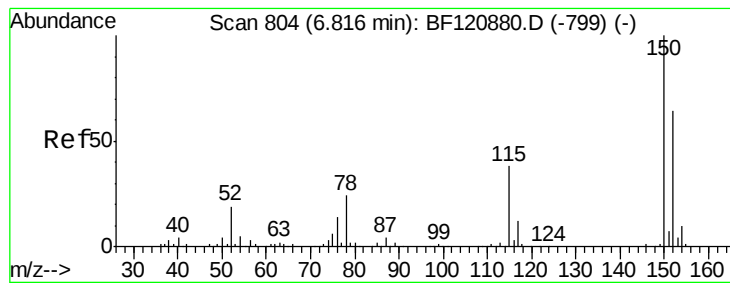
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

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ClientSampleId :

FK-0D015-03-017

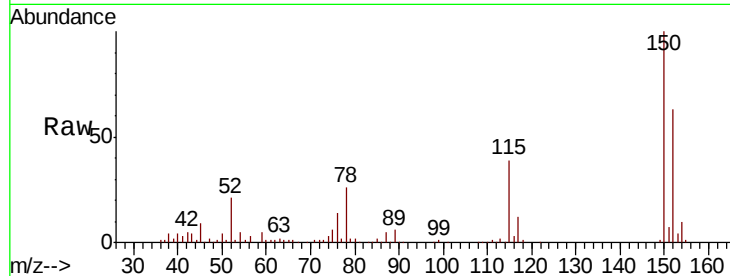
Tot Ion:152 Resp: 125714

Ion Ratio Lower Upper

152 100

150 157.7 125.6 188.4

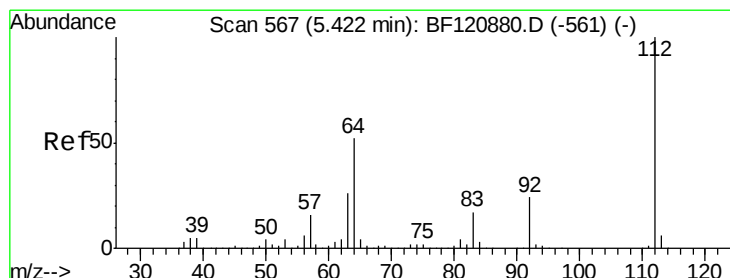
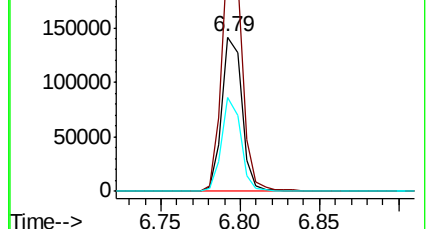
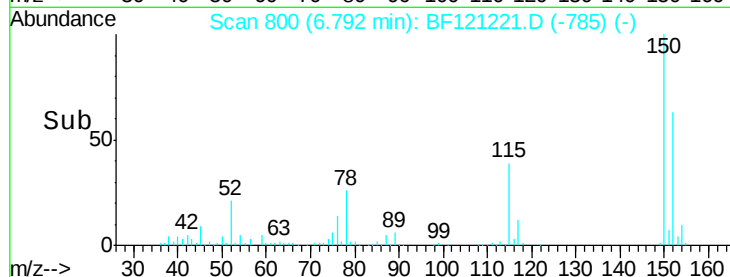
115 60.9 46.2 69.2



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

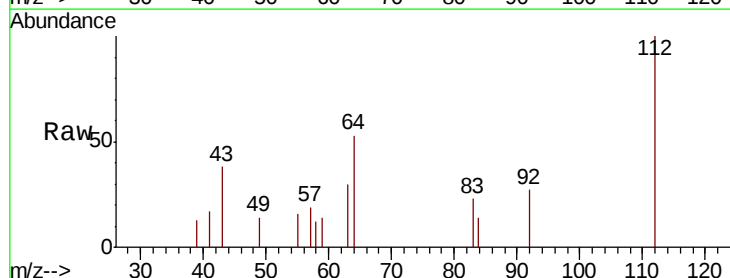
Tgt Ion:112 Resp: 4178

Ion Ratio Lower Upper

112 100

64 53.1 43.9 65.9

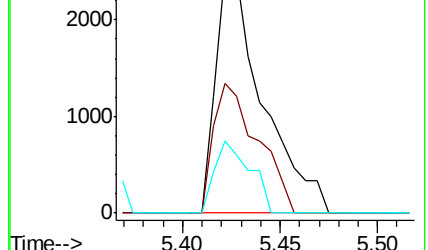
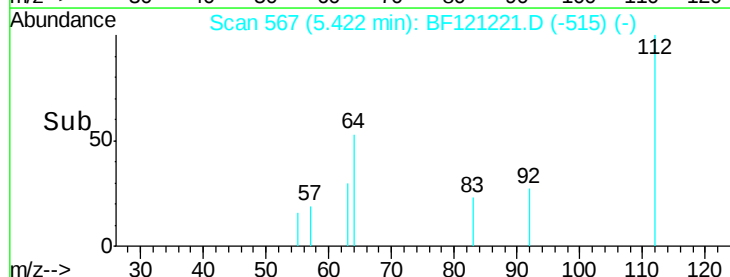
63 29.8 22.7 34.1

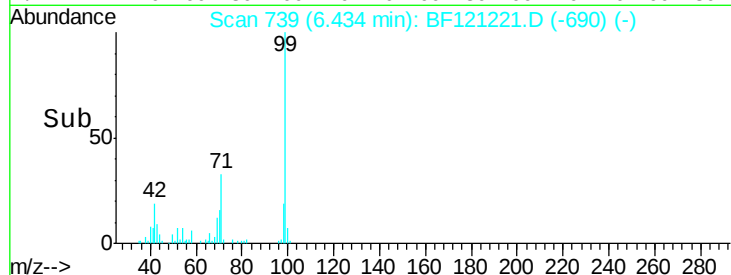
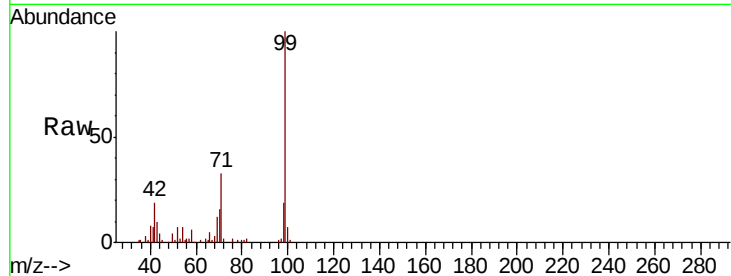


Abundance Ion 112.00 (111.70 to 112.70): E

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

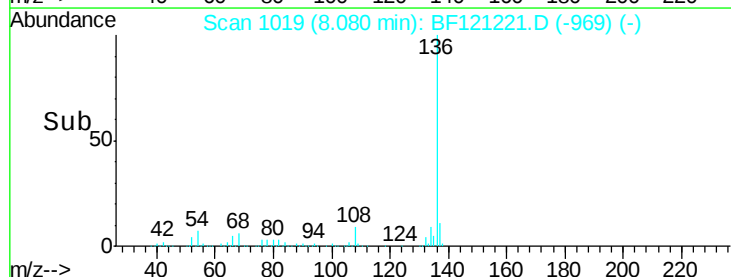
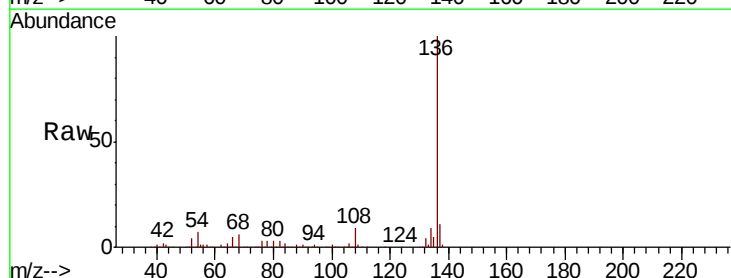
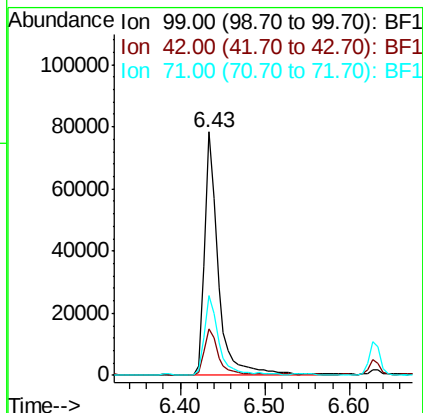
Tot Ion: 99 Resp: 90040

Ion Ratio Lower Upper

99 100

42 19.1 13.5 20.3

71 33.0 25.0 37.4



#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

Tgt Ion: 136 Resp: 488362

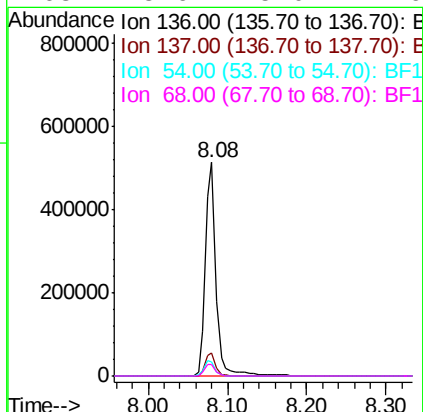
Ion Ratio Lower Upper

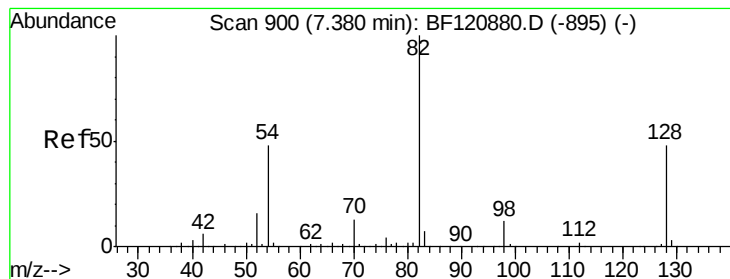
136 100

137 10.9 9.0 13.4

54 6.7 6.1 9.1

68 5.6 5.0 7.6





#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

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-017

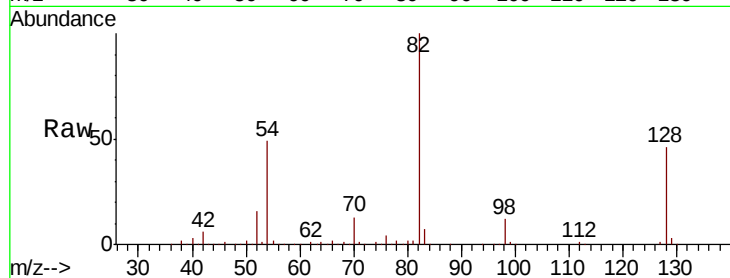
Tot Ion: 82 Resp: 547044

Ion Ratio Lower Upper

82 100

128 45.8 39.2 58.8

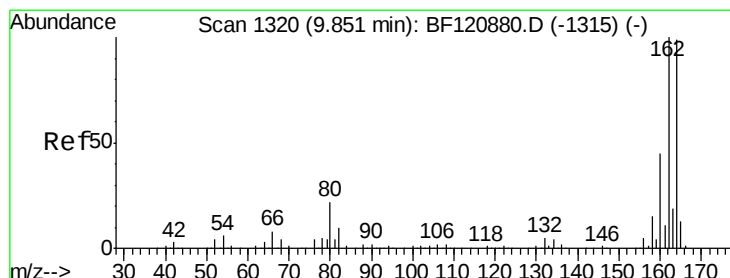
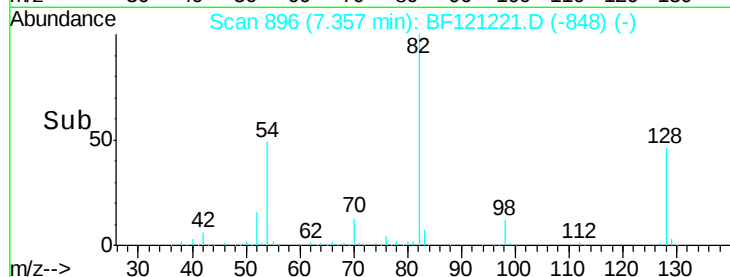
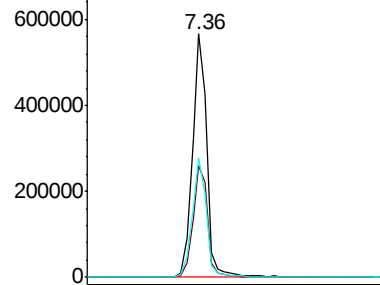
54 48.9 37.8 56.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): 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

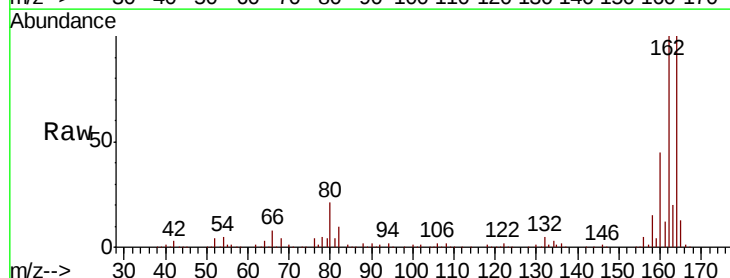
Tgt Ion: 164 Resp: 246573

Ion Ratio Lower Upper

164 100

162 100.1 82.2 123.2

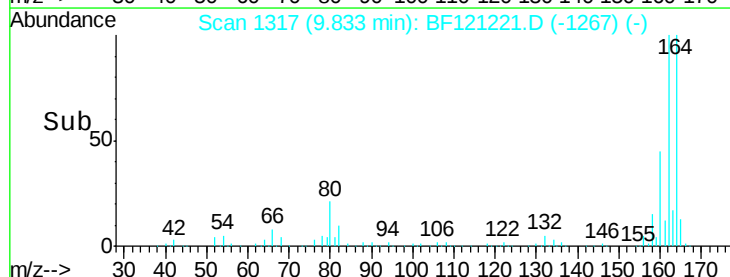
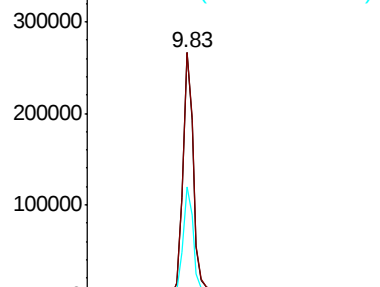
160 44.7 37.2 55.8

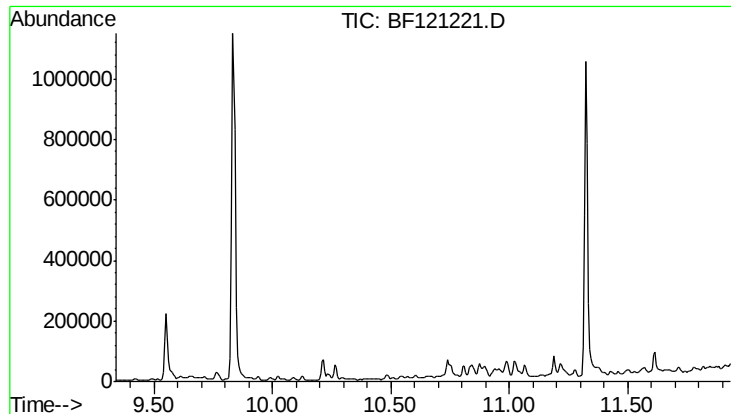


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

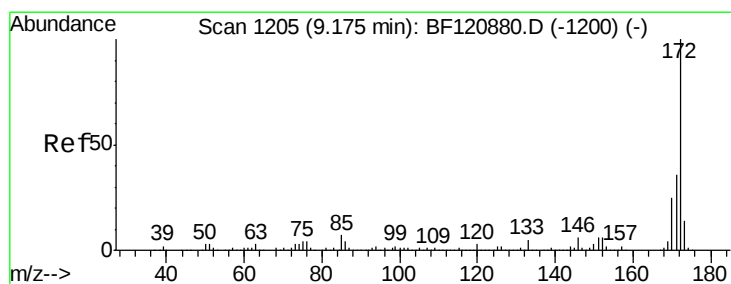
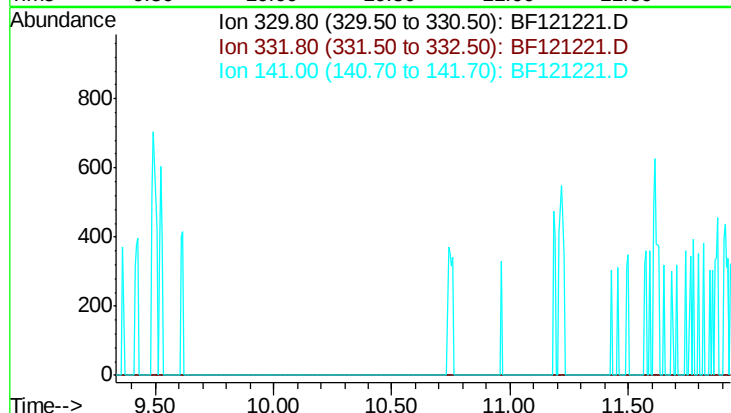




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF121221.D
 Acq: 7 Aug 2020 00:43

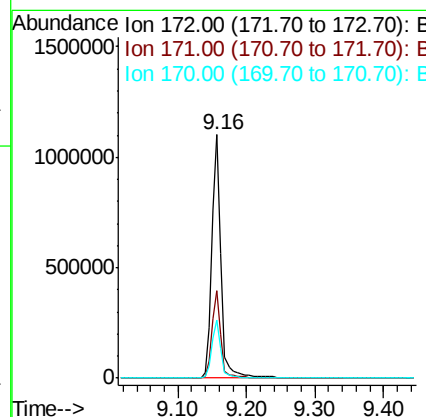
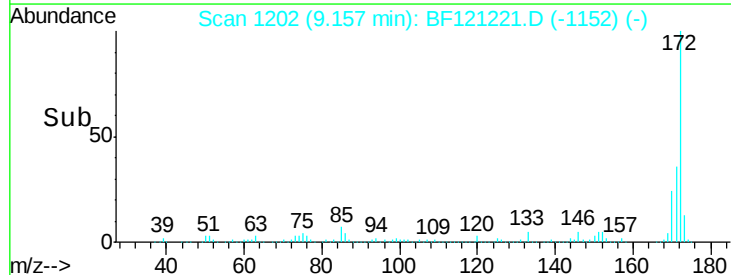
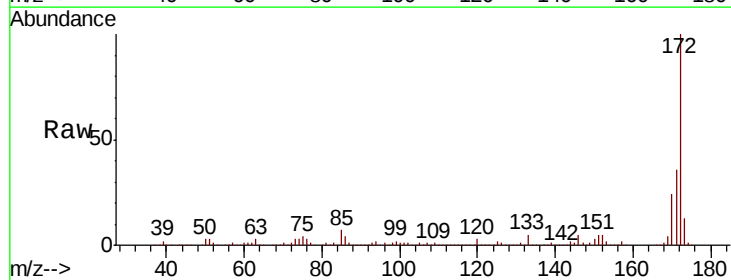
Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-017

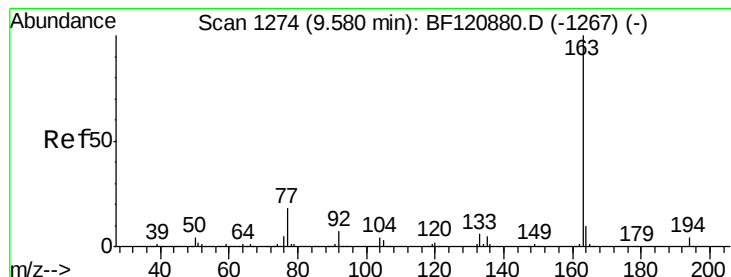
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.1
 141 30.1



#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

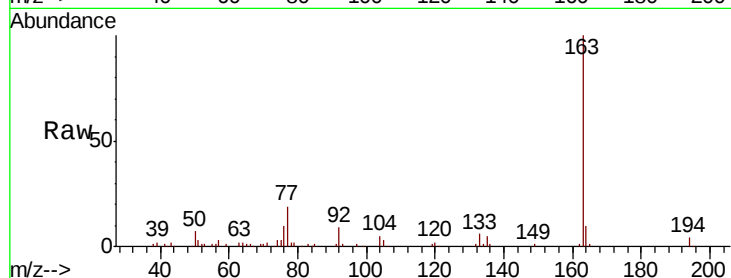
Tot Ion:163 Resp: 106648

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

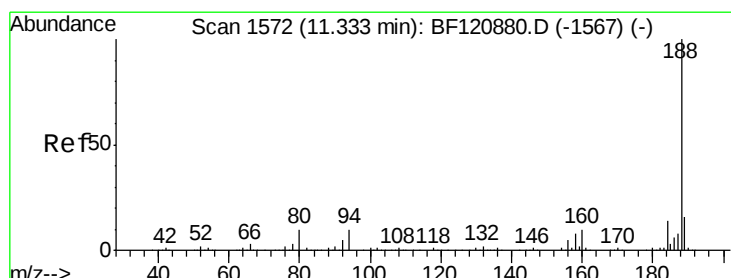
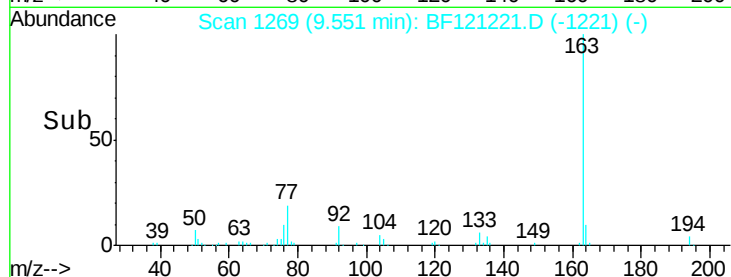
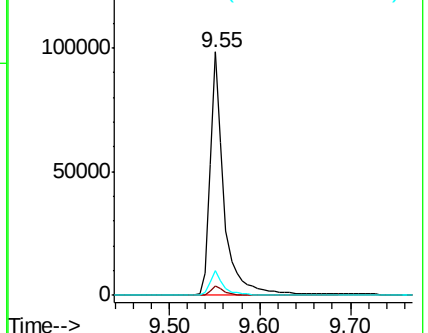
164 10.3 8.4 12.6



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



#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

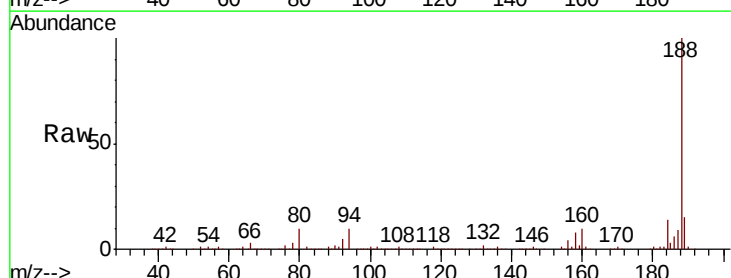
Tgt Ion:188 Resp: 434903

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

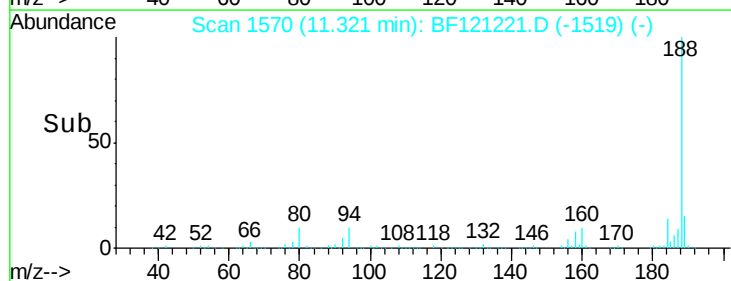
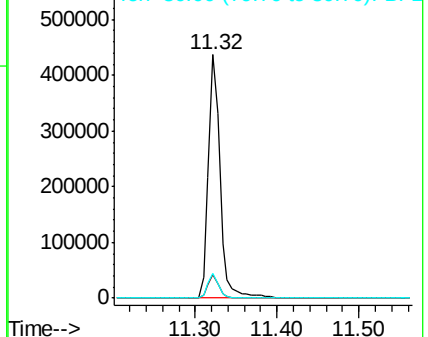
80 10.3 8.3 12.5

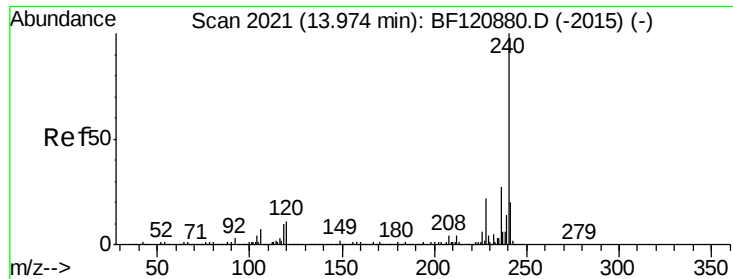


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

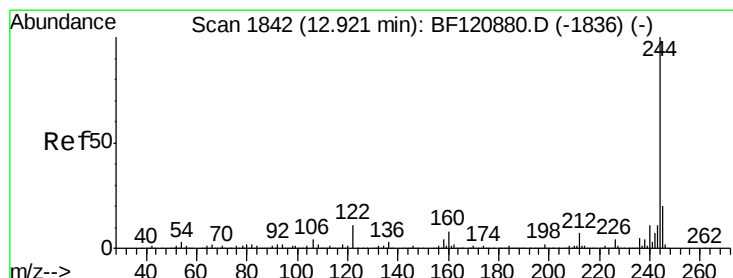
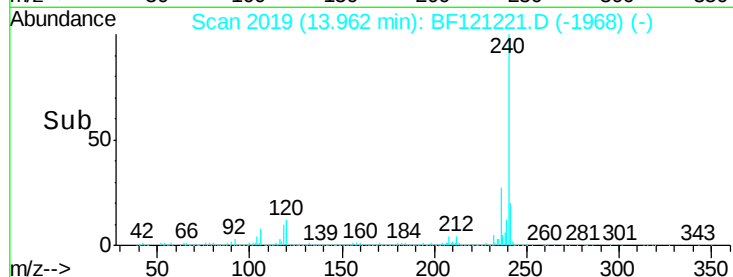
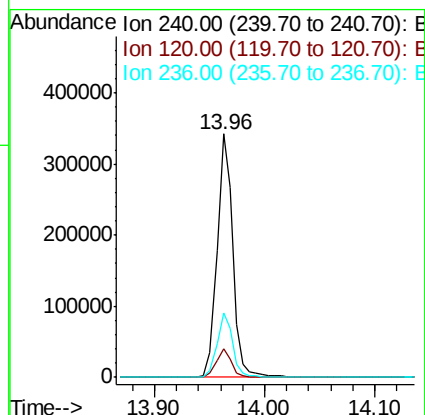
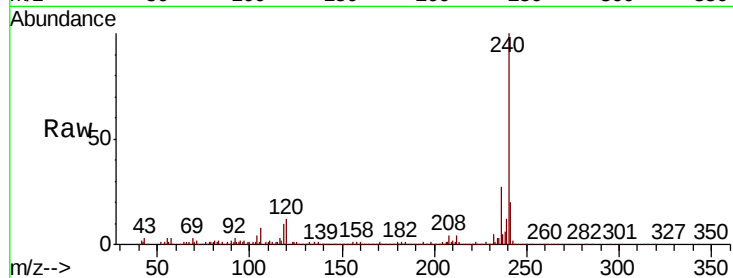




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF121221.D
 Acq: 7 Aug 2020 00:43

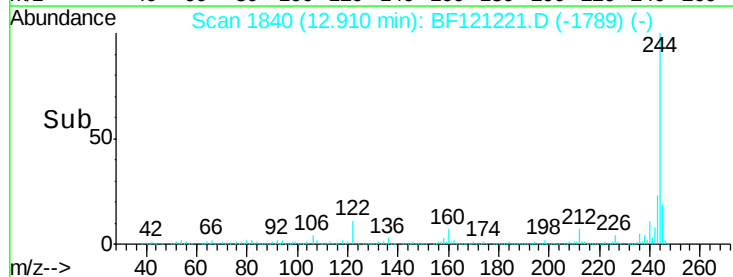
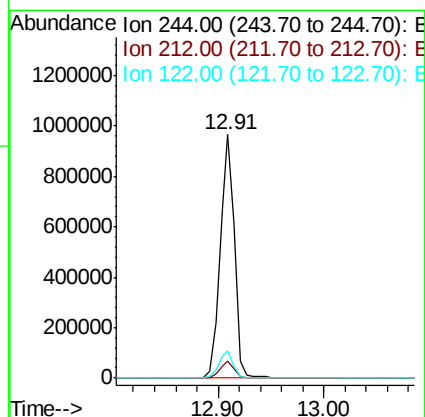
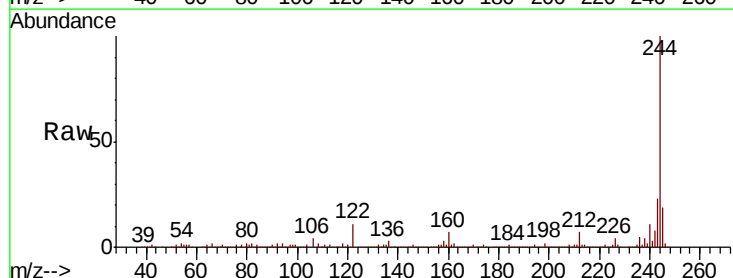
Instrument :
 BNA_F
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 FK-0D015-03-017

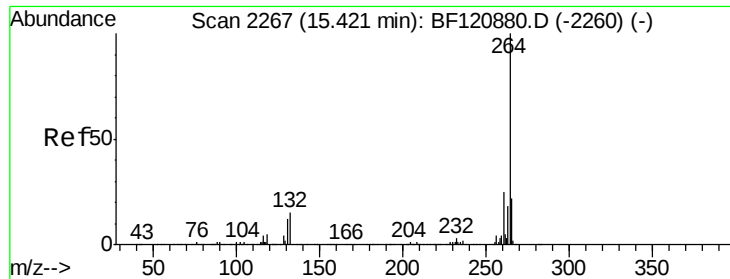
Tot Ion:240 Resp: 335265
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.3 13.9
 236 26.6 21.1 31.7



#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

Tgt 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
Pervlene-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

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	21.0	17.8	26.8

