

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120915.D
 Acq On : 17 Jul 2020 11:33
 Operator : JU/CG
 Sample : L3308-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 21

Quant Time: Jul 17 12:46:44 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

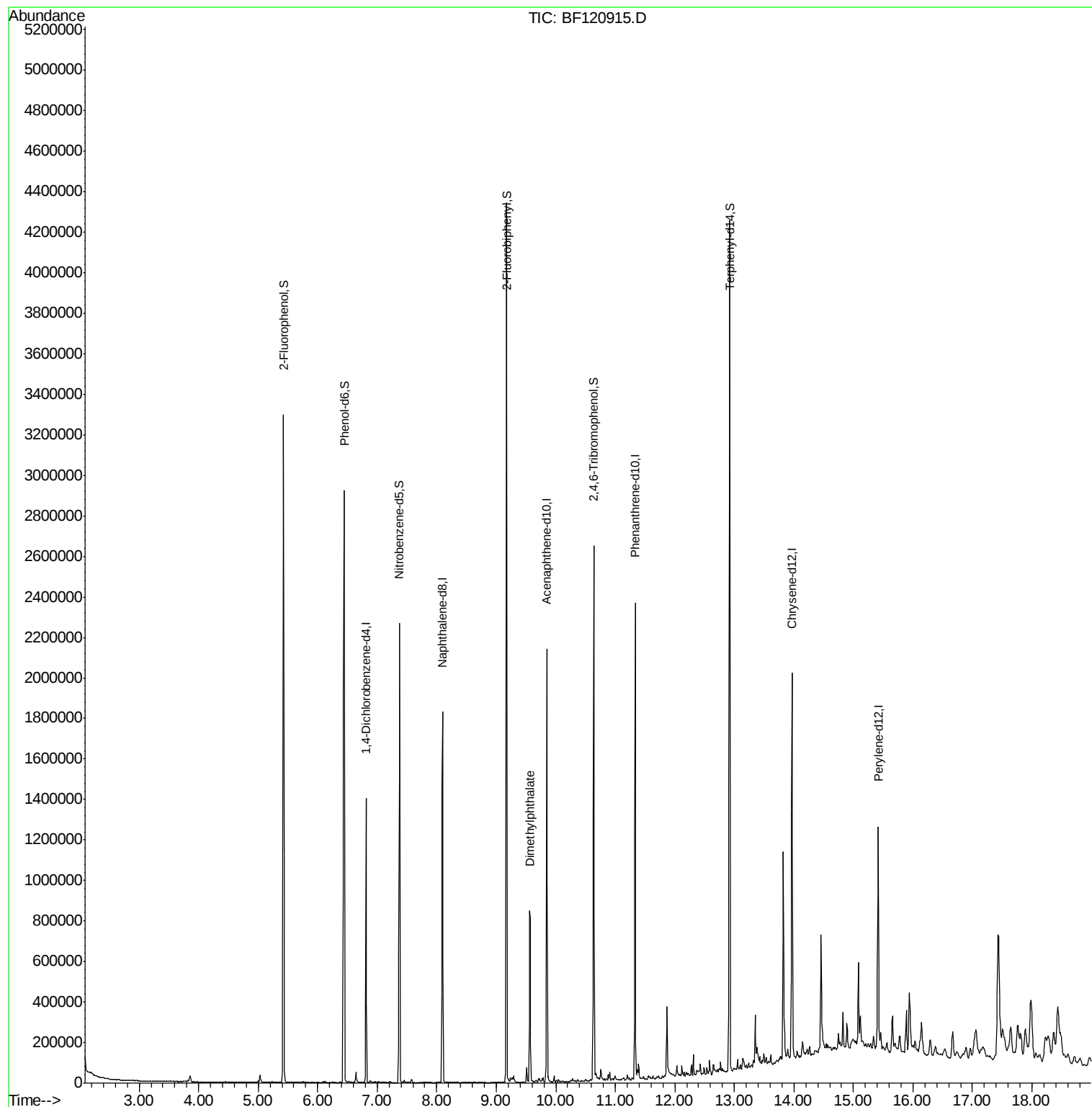
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	205393	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	794172	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	427736	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	814084	20.00	ng	0.00
76) Chrysene-d12	13.97	240	615722	20.00	ng	0.00
86) Perylene-d12	15.42	264	498309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	977370	78.01	ng	0.00
7) Phenol-d6	6.45	99	1241061	76.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	772355	56.27	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	387651	82.80	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1436890	50.16	ng	0.00
79) Terphenyl-d14	12.92	244	1538647	54.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	361484	11.714	ng	Qvalue 100

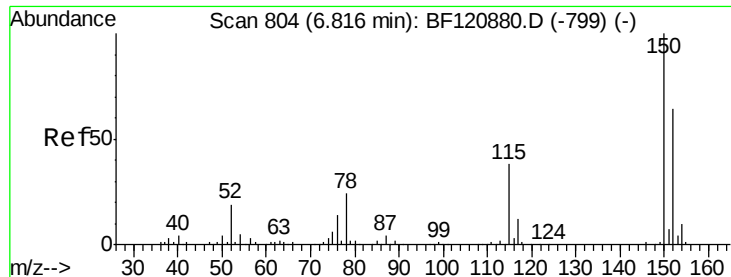
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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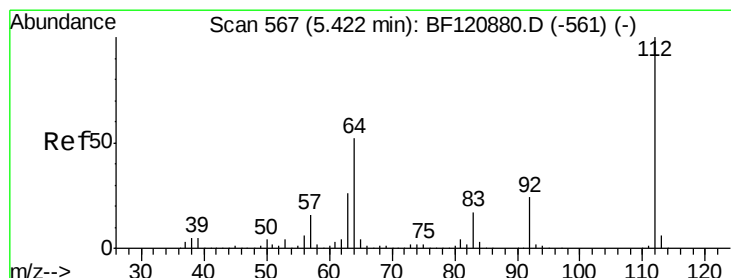
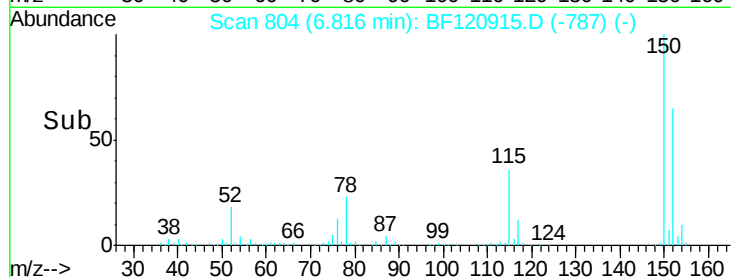
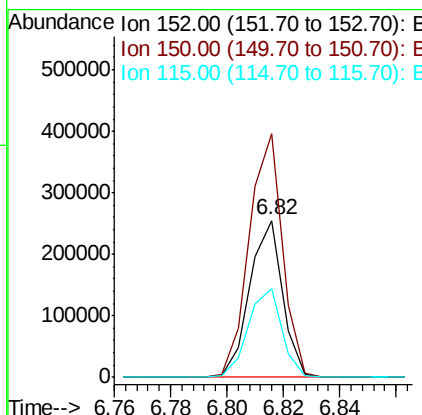
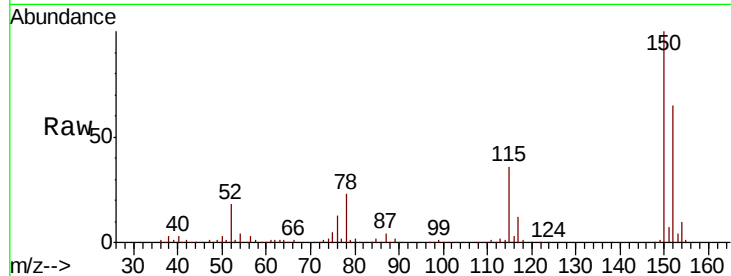


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Instrument :
BNA_F
ClientSampled :
21

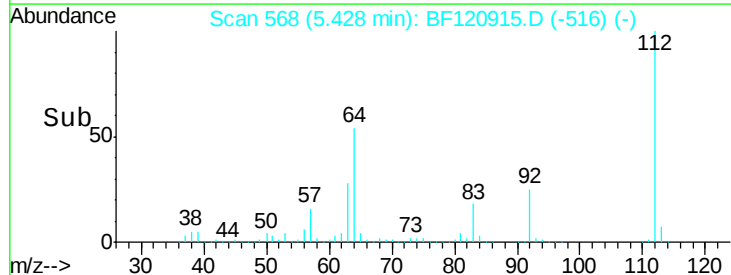
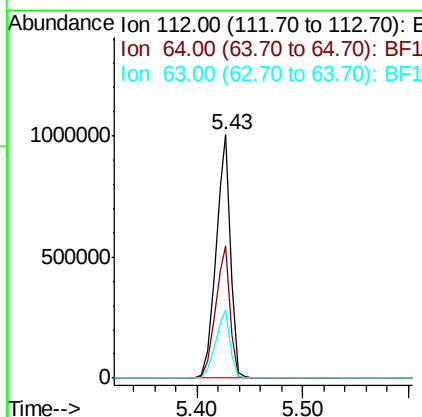
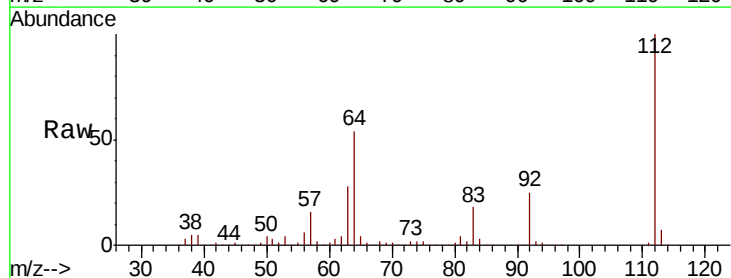
Tot Ion:152 Resp: 205393
Ion Ratio Lower Upper
152 100
150 155.0 125.0 187.6
115 56.5 47.0 70.4

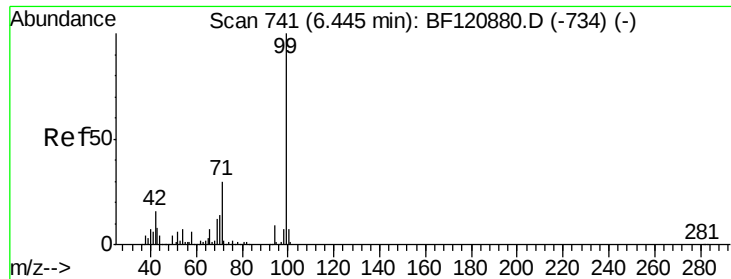


#5

2-Fluorophenol
Concen: 78.009 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120915.D
Acq: 17 Jul 2020 11:33

Tgt Ion:112 Resp: 977370
Ion Ratio Lower Upper
112 100
64 54.3 41.3 61.9
63 28.1 21.1 31.7





#7

Phenol-d6

Concen: 76.684 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

Instrument :

BNA_F

ClientSampled :

21

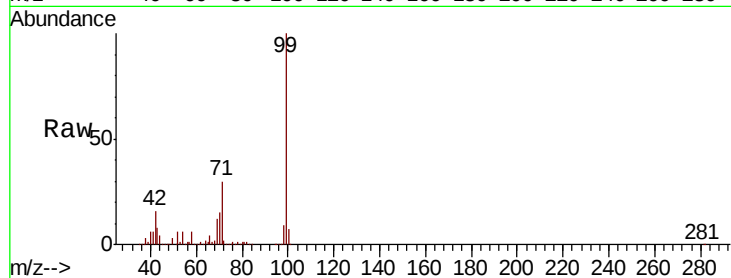
Tot Ion: 99 Resp: 1241061

Ion Ratio Lower Upper

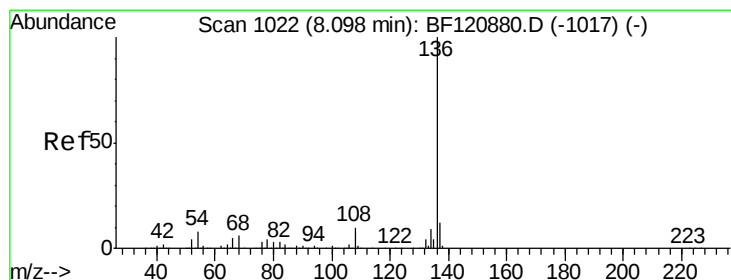
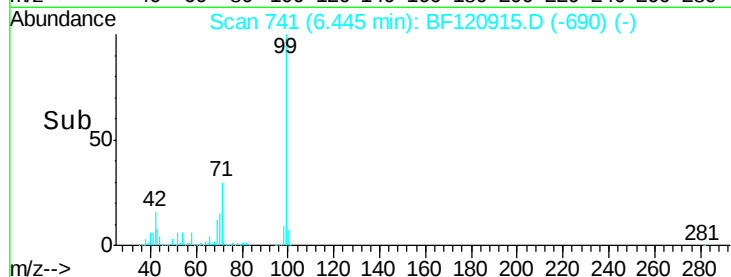
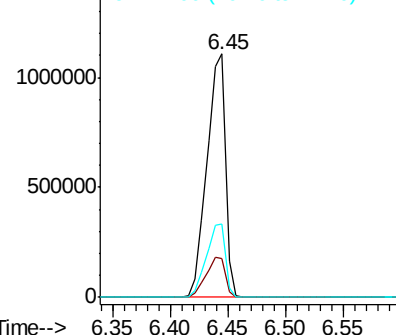
99 100

42 15.8 13.1 19.7

71 30.0 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

Tgt Ion: 136 Resp: 794172

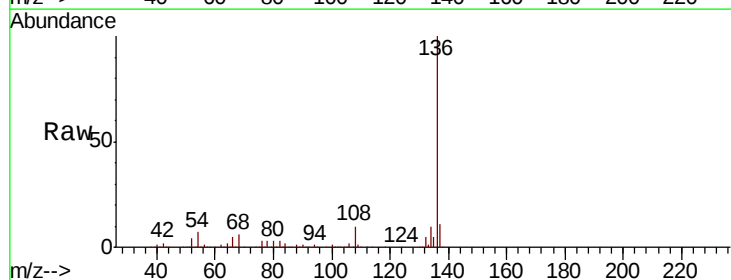
Ion Ratio Lower Upper

136 100

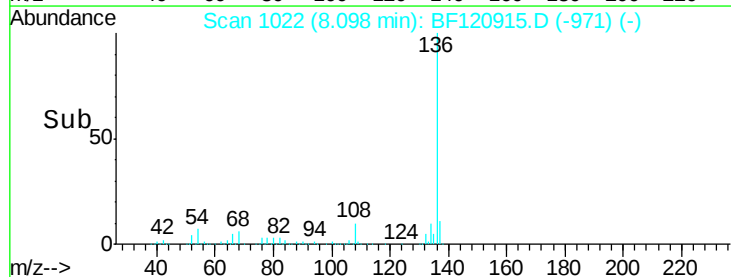
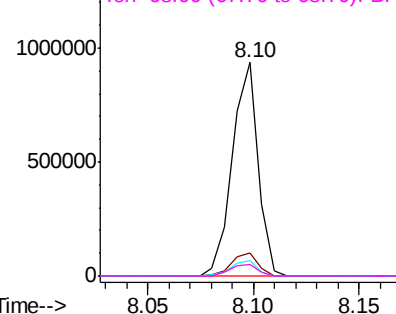
137 11.1 9.3 13.9

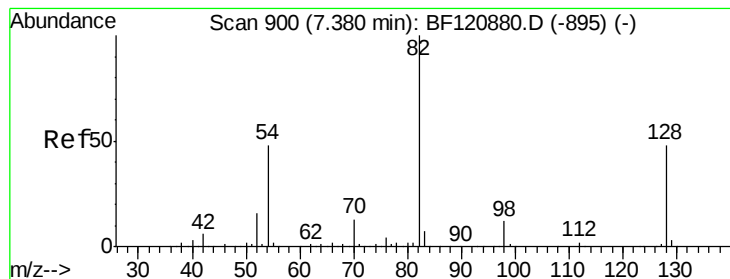
54 7.0 6.3 9.5

68 5.6 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
1500000 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: 56.273 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

Instrument :

BNA_F

ClientSampleId :

21

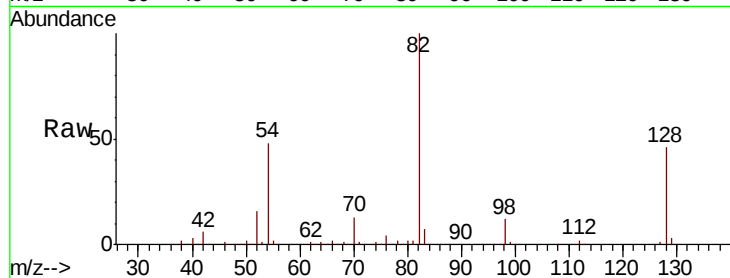
Tot Ion: 82 Resp: 772355

Ion Ratio Lower Upper

82 100

128 45.8 38.2 57.4

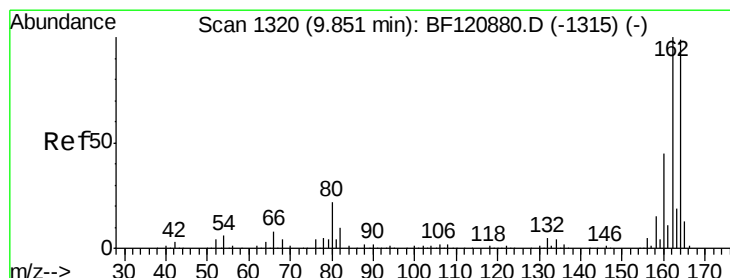
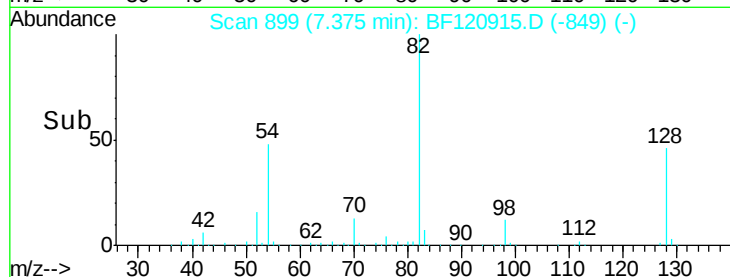
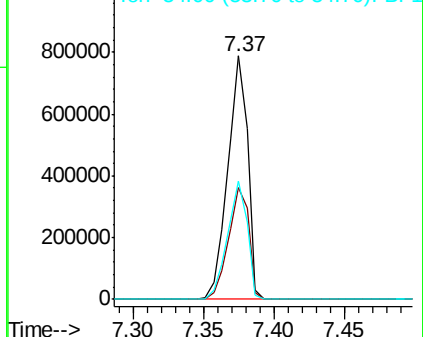
54 48.4 38.7 58.1



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

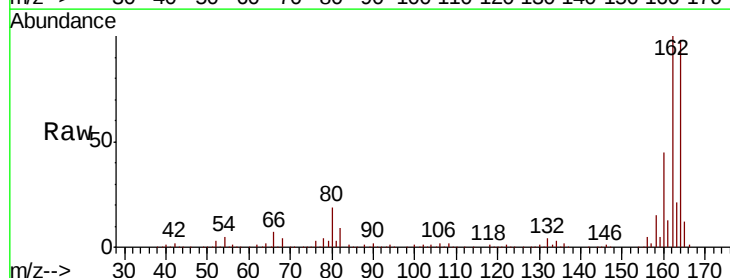
Tgt Ion:164 Resp: 427736

Ion Ratio Lower Upper

164 100

162 102.2 81.2 121.8

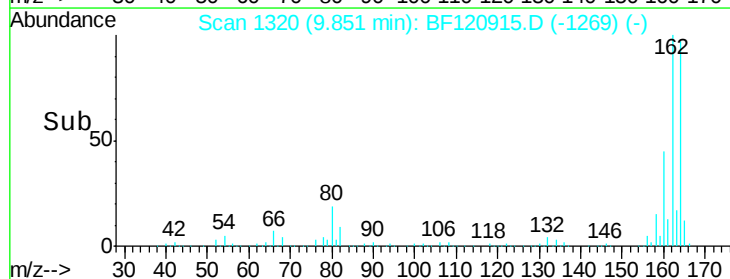
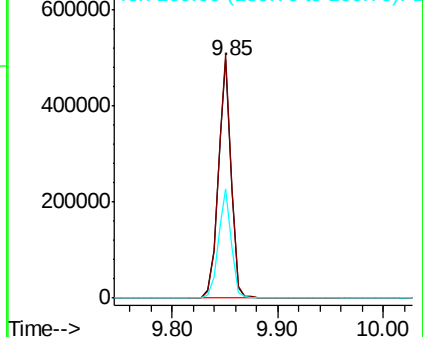
160 45.9 36.9 55.3

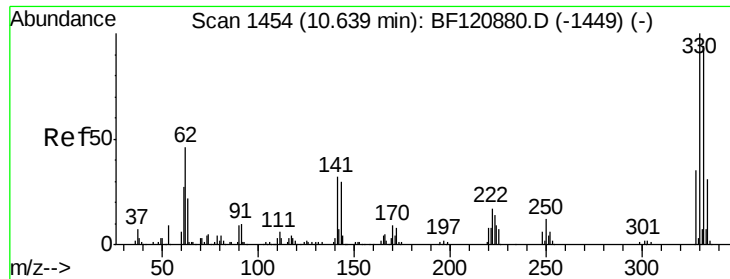


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

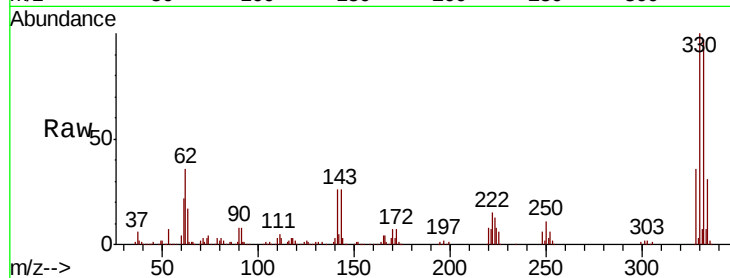




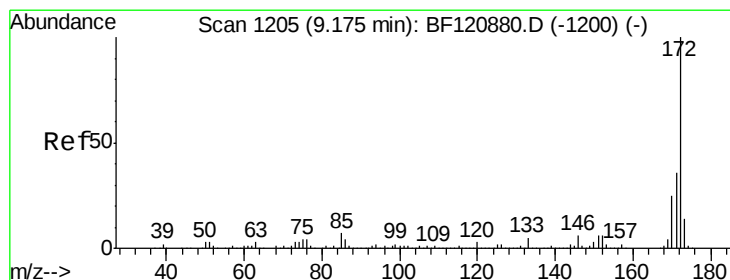
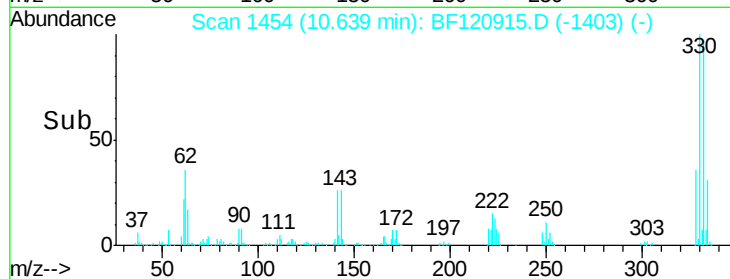
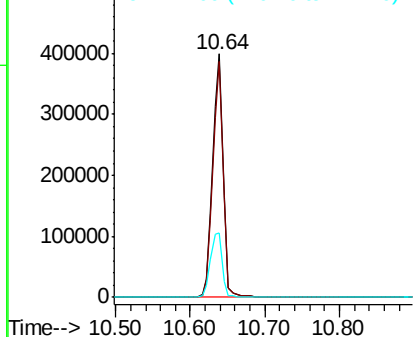
#42
 2,4,6-Tribromophenol
 Concen: 82.796 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120915.D
 Acq: 17 Jul 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 21

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.5	113.3
141	30.0	25.7	38.5

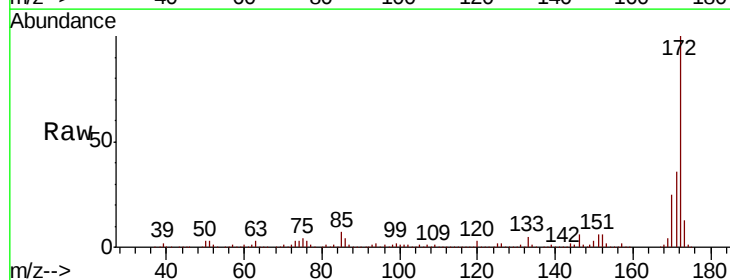


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

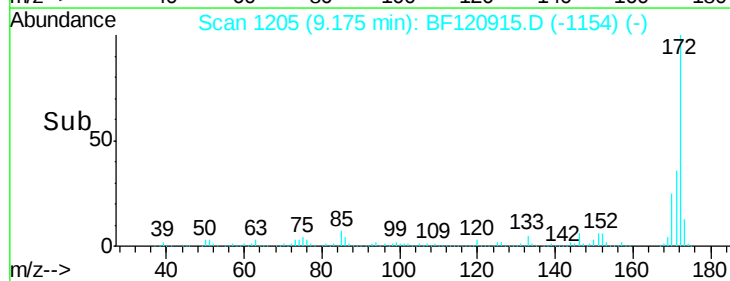
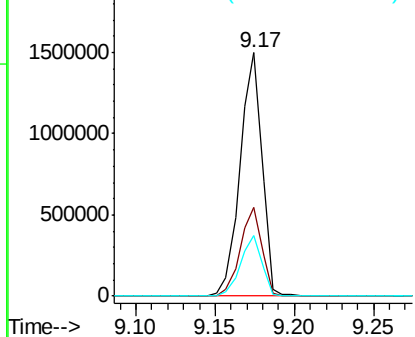


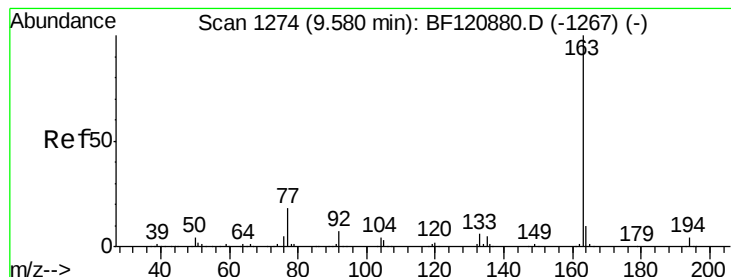
#45
 2-Fluorobiphenyl
 Concen: 50.156 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120915.D
 Acq: 17 Jul 2020 11:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.9	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: 11.714 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

Instrument :

BNA_F

ClientSampled :

21

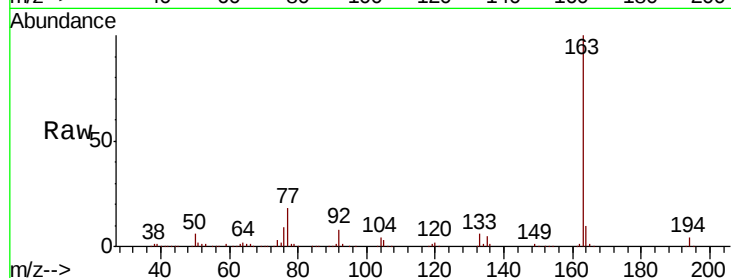
Tot Ion:163 Resp: 361484

Ion Ratio Lower Upper

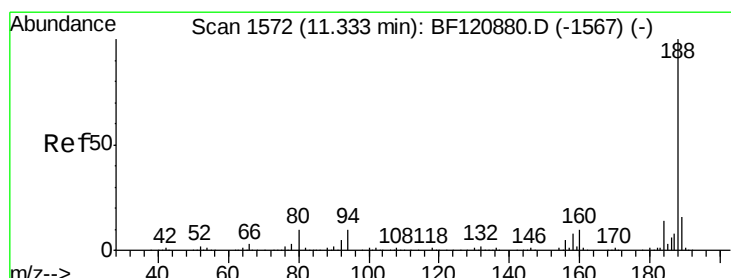
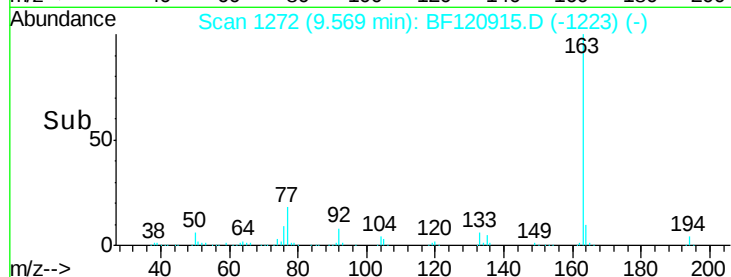
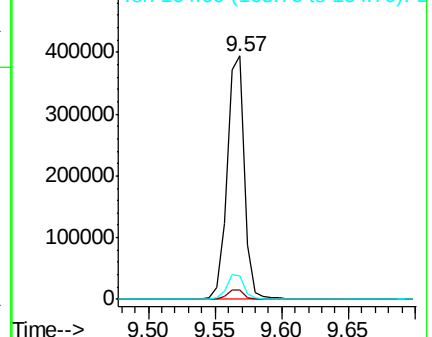
163 100

194 4.0 3.2 4.8

164 9.7 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

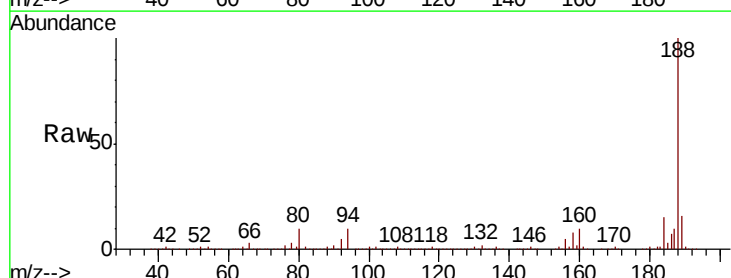
Tgt Ion:188 Resp: 814084

Ion Ratio Lower Upper

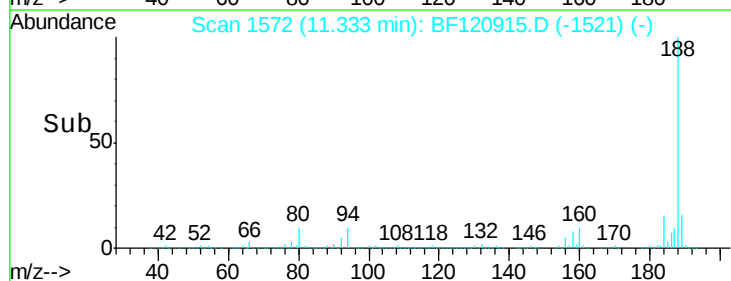
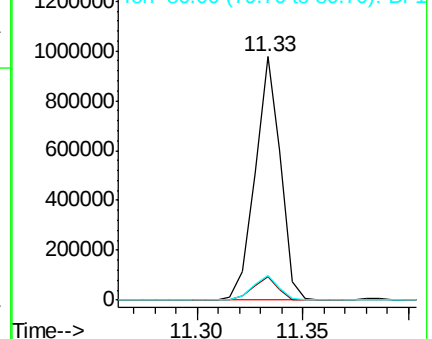
188 100

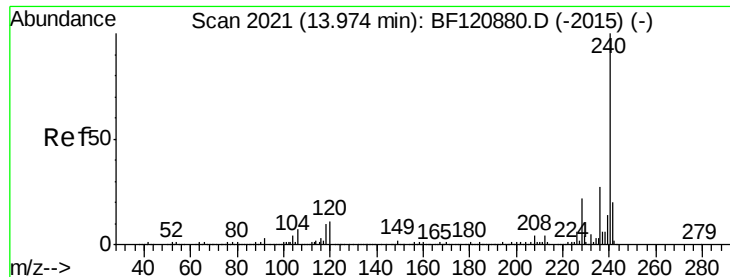
94 9.8 8.0 12.0

80 10.0 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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

Instrument :

BNA_F

ClientSampleId :

21

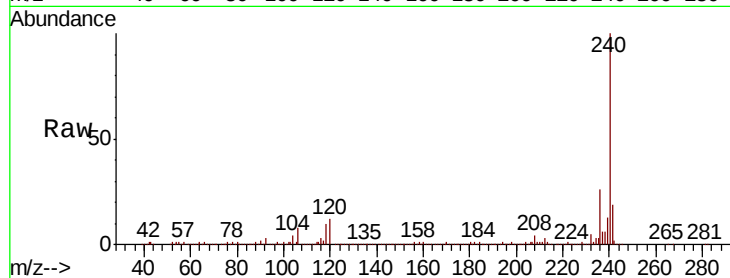
Tot Ion:240 Resp: 615722

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

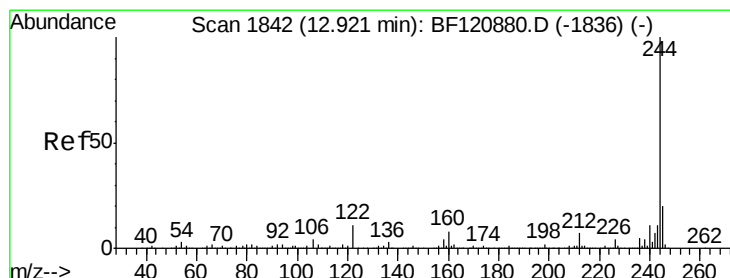
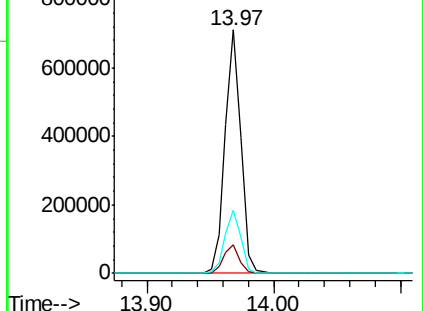
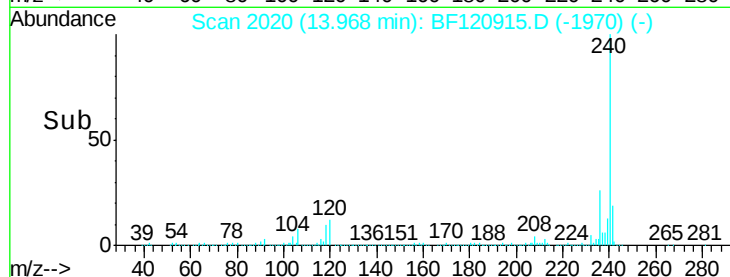
236 26.1 21.7 32.5



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: 54.321 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120915.D

Acq: 17 Jul 2020 11:33

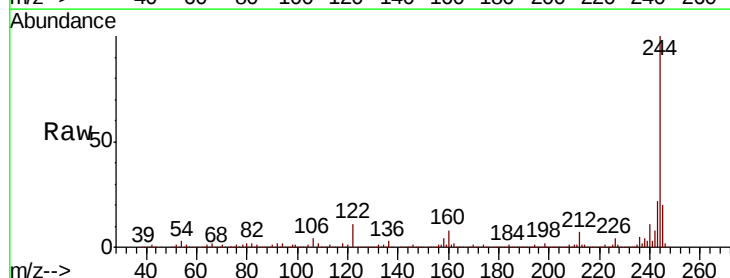
Tgt Ion:244 Resp: 1538647

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

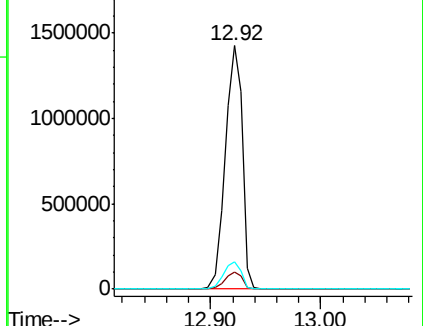
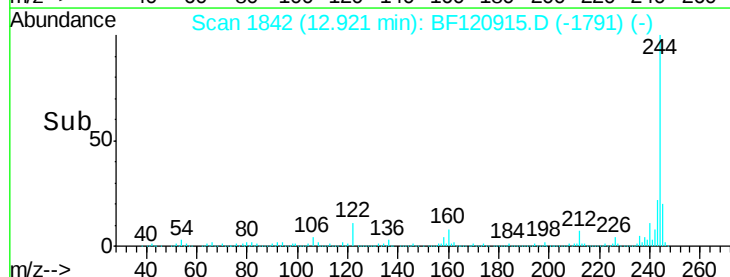
122 11.1 8.9 13.3

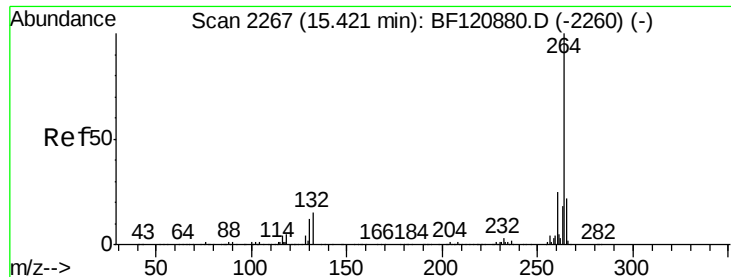


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120915.D
 Acq: 17 Jul 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 21

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	21.6	17.4	26.2

