

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
 Data File : BF121912.D
 Acq On : 9 Oct 2020 18:16
 Operator : JU/CG
 Sample : L4310-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 39424

Quant Time: Oct 10 01:23:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	103146	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	418089	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	191043	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	287653	20.00	ng	0.00
76) Chrysene-d12	13.92	240	251396	20.00	ng	-0.01
86) Perylene-d12	15.36	264	267059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	4531	0.65	ng	0.01
7) Phenol-d6	6.43	99	7242	0.80	ng	0.02
23) Nitrobenzene-d5	7.33	82	5390	0.69	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	1351	0.57	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	14947	1.18	ng	-0.02
79) Terphenyl-d14	12.86	244	11869	0.96	ng	-0.02

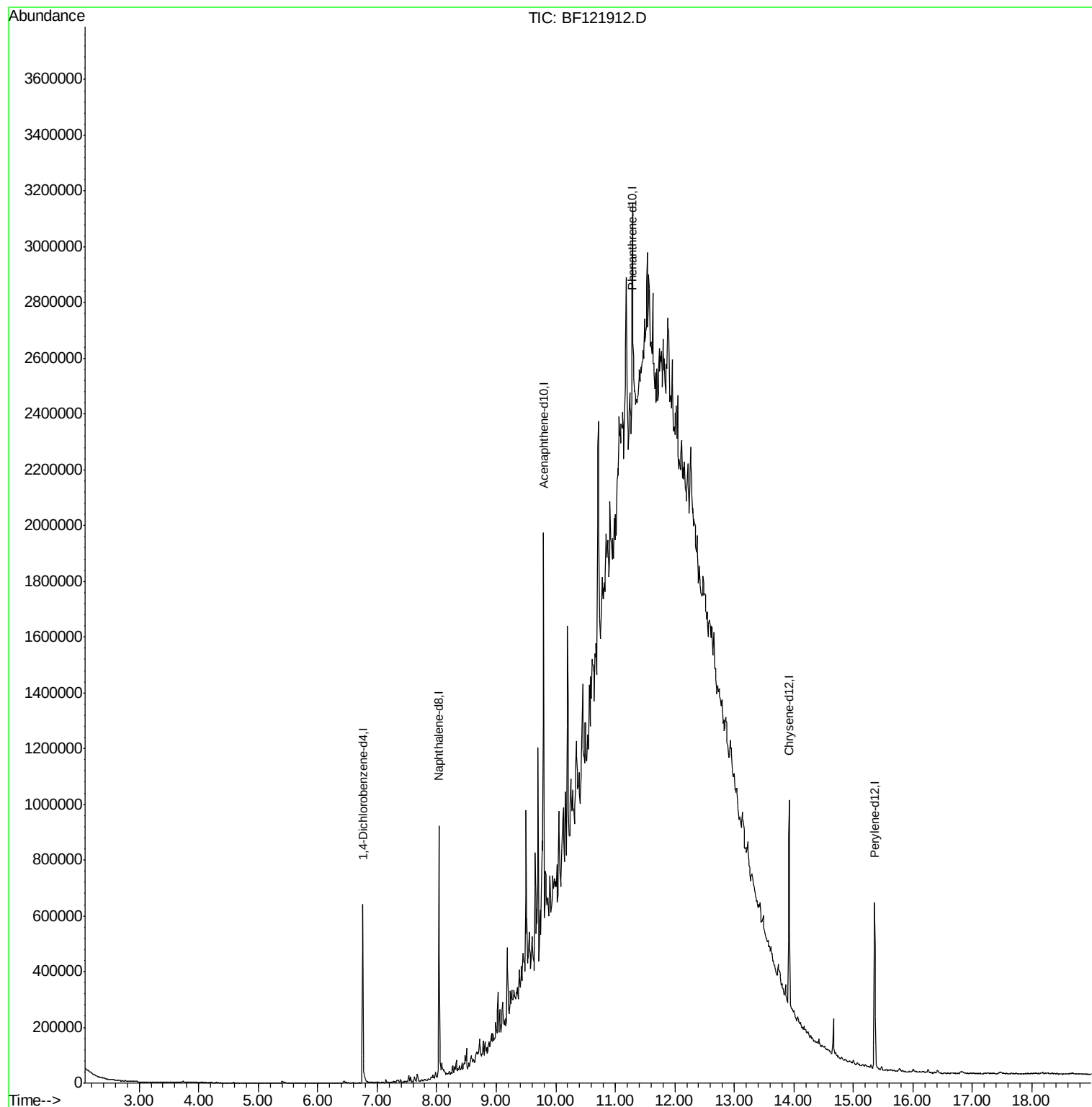
Target Compounds Qvalue

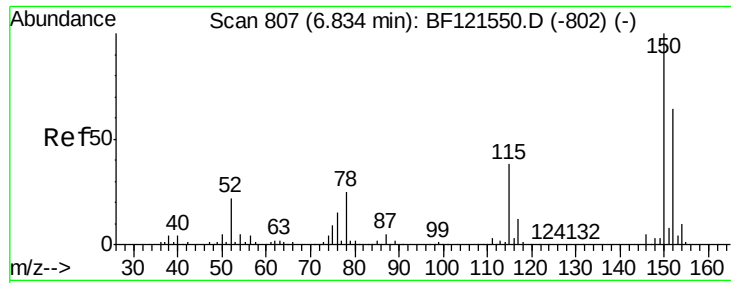
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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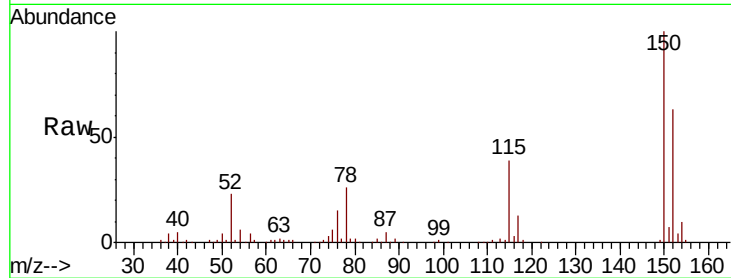


#1

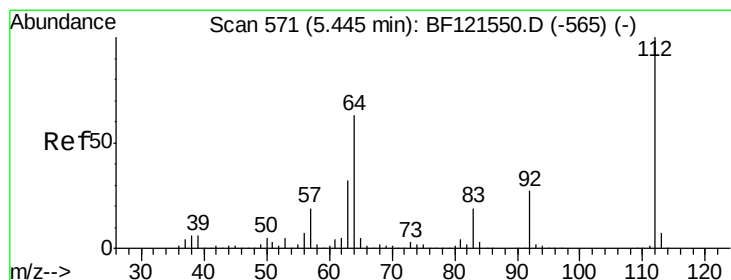
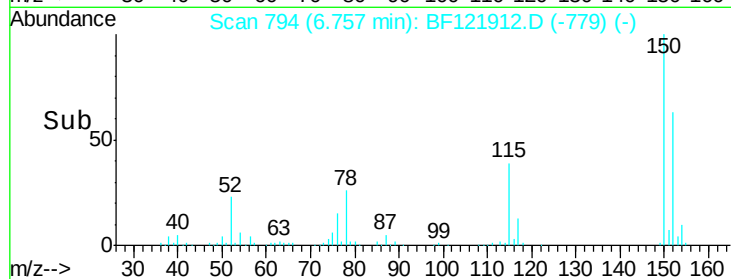
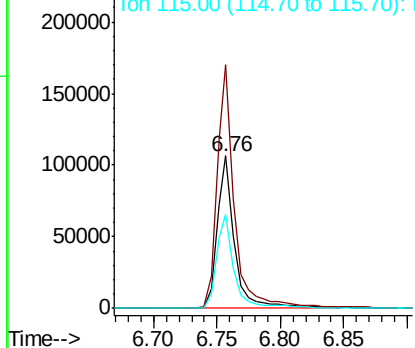
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121912.D
Acq: 9 Oct 2020 18:16

Instrument :
BNA_F
ClientSampleId :
39424

Tot Ion:152 Resp: 103146
Ion Ratio Lower Upper
152 100
150 159.6 125.3 187.9
115 61.6 51.9 77.9



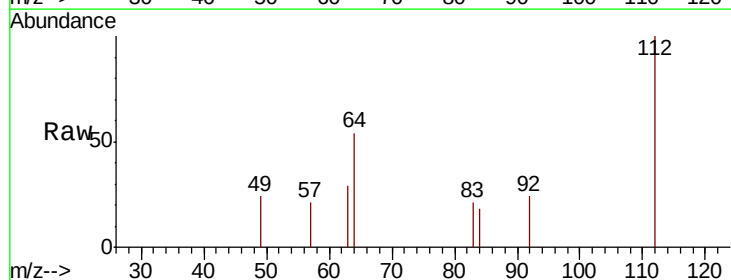
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



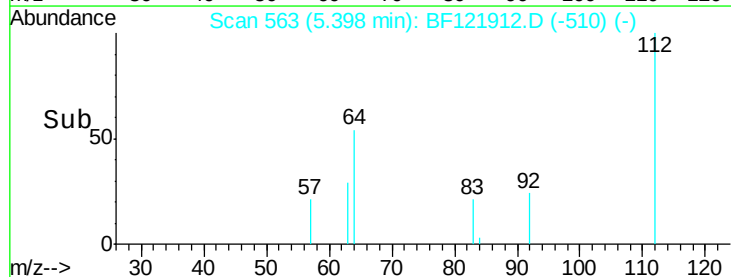
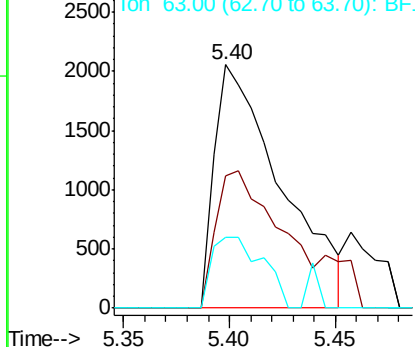
#5

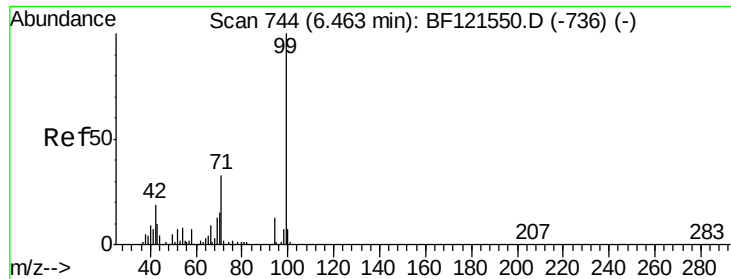
2-Fluorophenol
Concen: 0.653 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF121912.D
Acq: 9 Oct 2020 18:16

Tgt Ion:112 Resp: 4531
Ion Ratio Lower Upper
112 100
64 54.2 50.4 75.6
63 29.0 25.8 38.6



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: 0.795 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.02 min

Lab File: BF121912.D

Acq: 9 Oct 2020 18:16

Instrument :

BNA_F

ClientSampleId :

39424

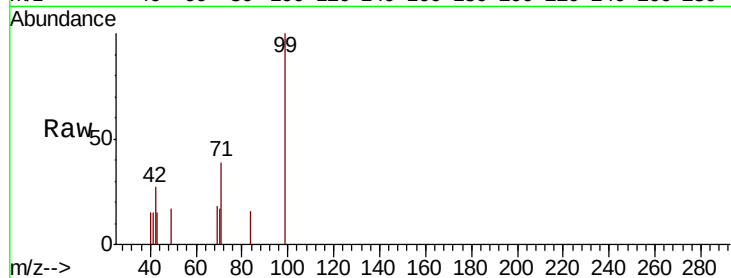
Tot Ion: 99 Resp: 7242

Ion Ratio Lower Upper

99 100

42 26.7 15.9 23.9#

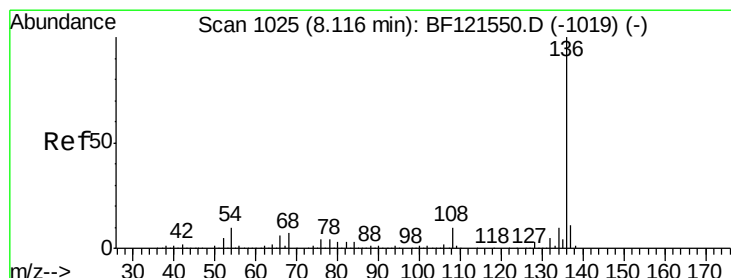
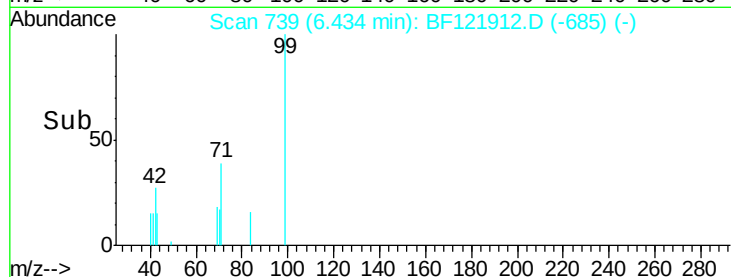
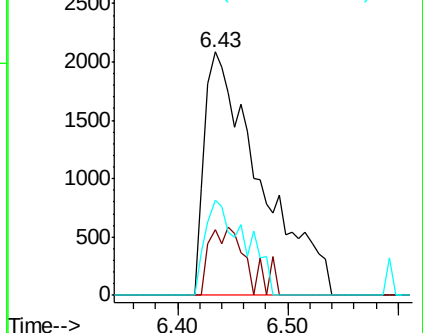
71 39.1 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF121912.D

Acq: 9 Oct 2020 18:16

Tgt Ion: 136 Resp: 418089

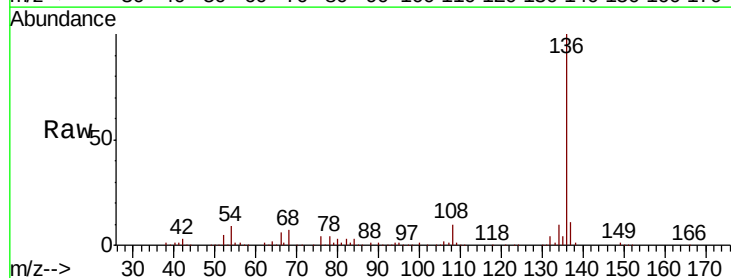
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.5 7.1 10.7

68 6.9 5.0 7.4

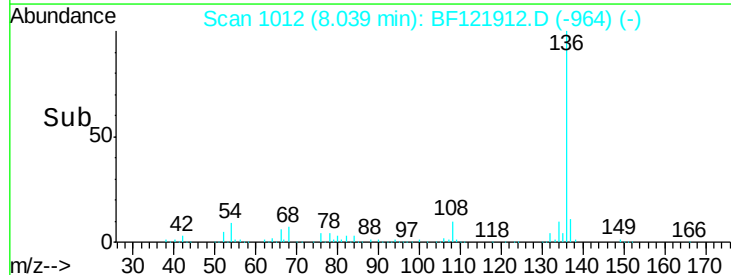
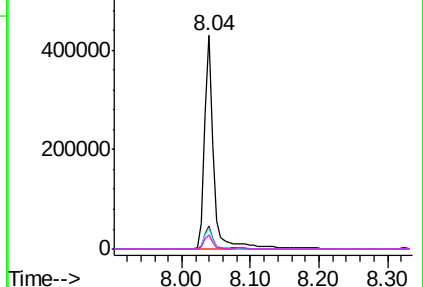


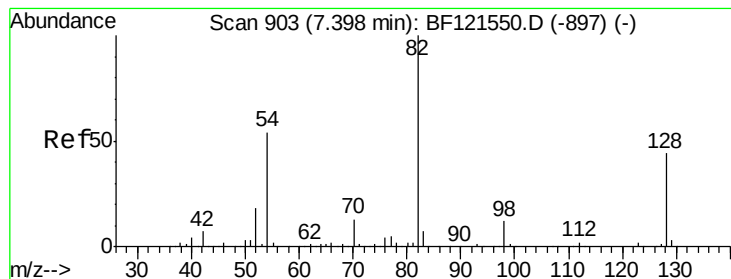
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.692 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF121912.D

Acq: 9 Oct 2020 18:16

Instrument :

BNA_F

ClientSampleId :

39424

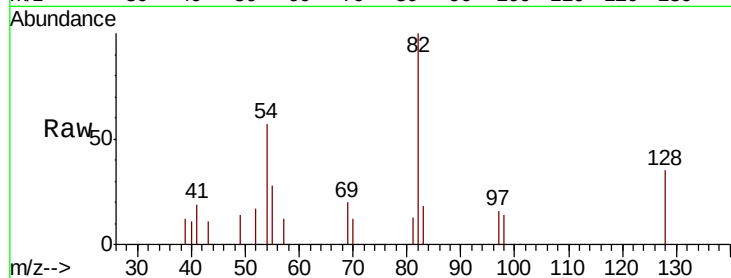
Tot Ion: 82 Resp: 5390

Ion Ratio Lower Upper

82 100

128 35.2 35.0 52.4

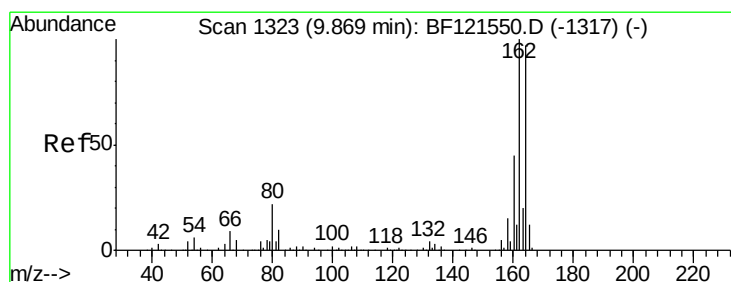
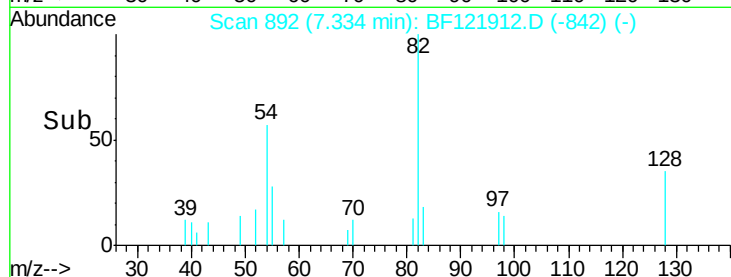
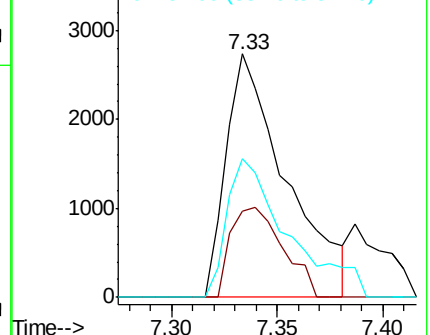
54 57.0 43.9 65.9



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: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF121912.D

Acq: 9 Oct 2020 18:16

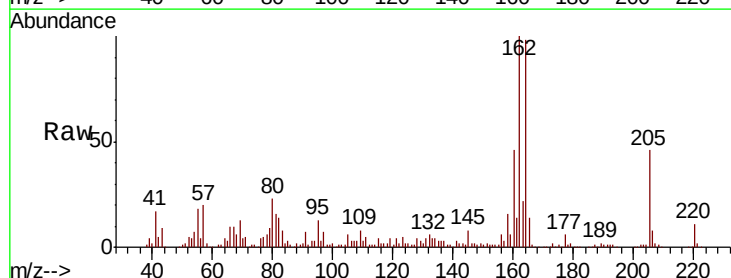
Tgt Ion: 164 Resp: 191043

Ion Ratio Lower Upper

164 100

162 102.3 83.2 124.8

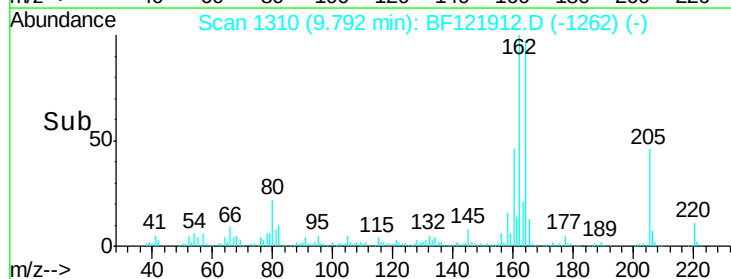
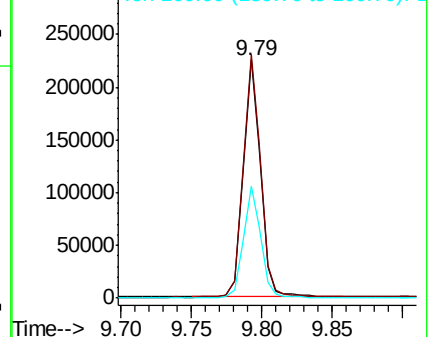
160 46.8 37.5 56.3

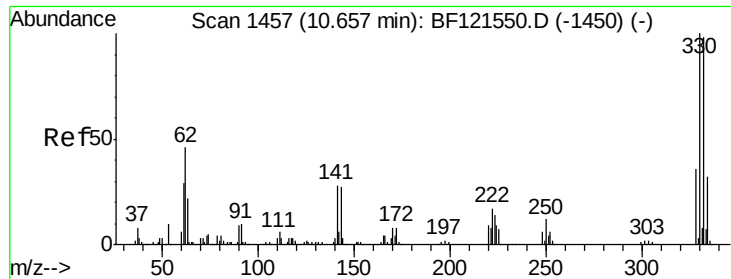


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

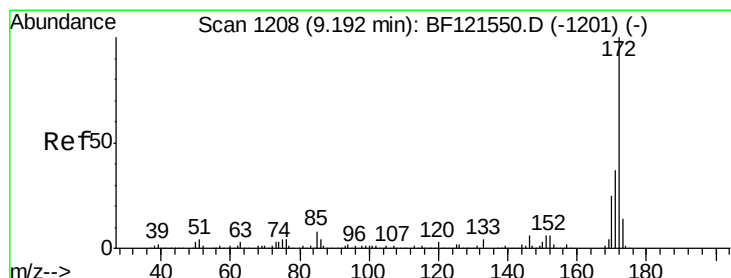
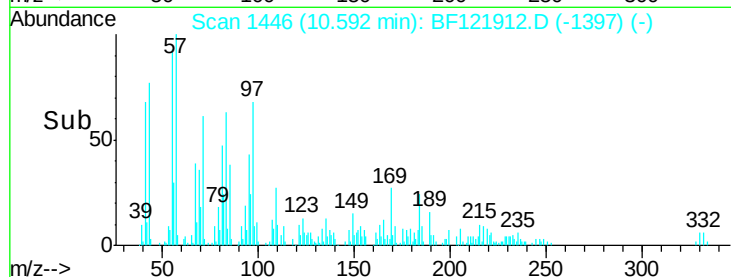
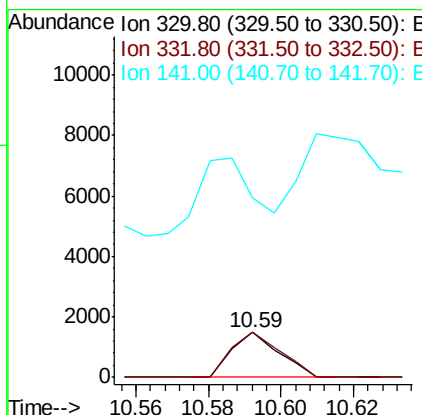
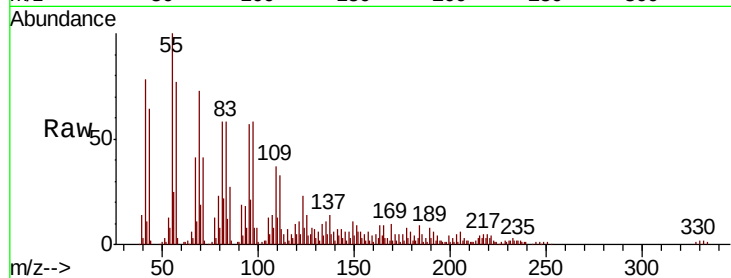




#42
 2,4,6-Tribromophenol
 Concen: 0.569 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121912.D
 Acq: 9 Oct 2020 18:16

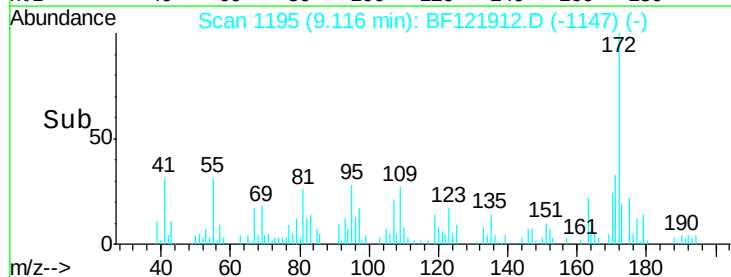
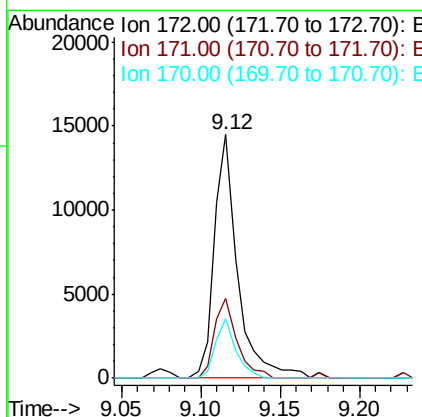
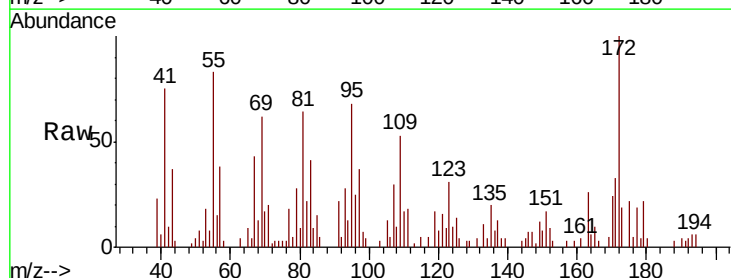
Instrument :
 BNA_F
 ClientSampleId :
 39424

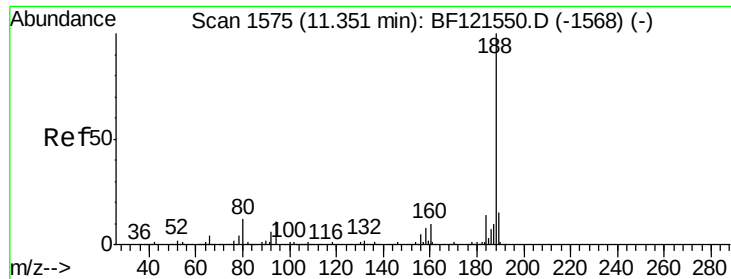
Tot Ion:330 Resp: 1351
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.3 115.9
 141 206.3 22.3 33.5#



#45
 2-Fluorobiphenyl
 Concen: 1.185 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121912.D
 Acq: 9 Oct 2020 18:16

Tgt Ion:172 Resp: 14947
 Ion Ratio Lower Upper
 172 100
 171 33.0 29.1 43.7
 170 24.4 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121912.D

Acq: 9 Oct 2020 18:16

Instrument :

BNA_F

ClientSampleId :

39424

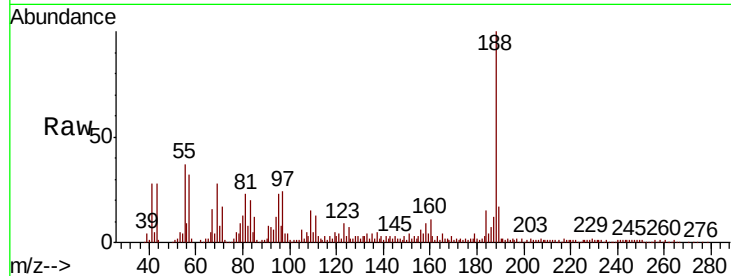
Tot Ion:188 Resp: 287653

Ion Ratio Lower Upper

188 100

94 12.2 8.3 12.5

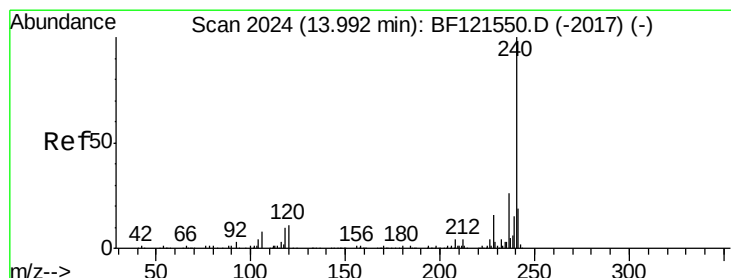
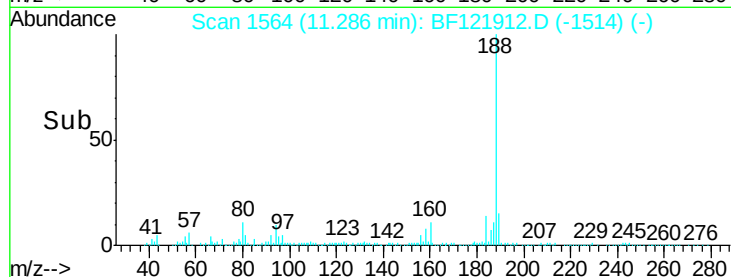
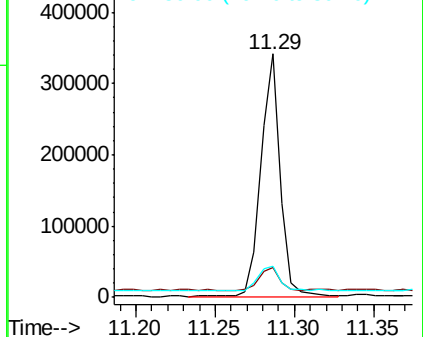
80 12.9 9.1 13.7



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: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121912.D

Acq: 9 Oct 2020 18:16

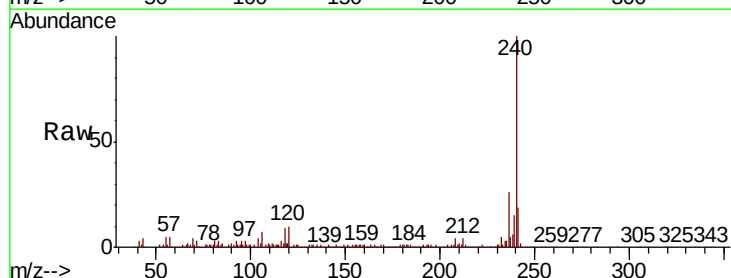
Tgt Ion:240 Resp: 251396

Ion Ratio Lower Upper

240 100

120 10.3 9.2 13.8

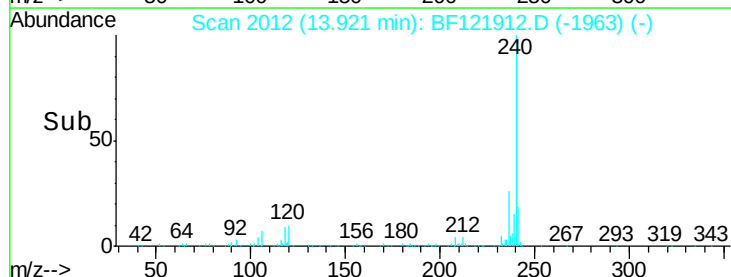
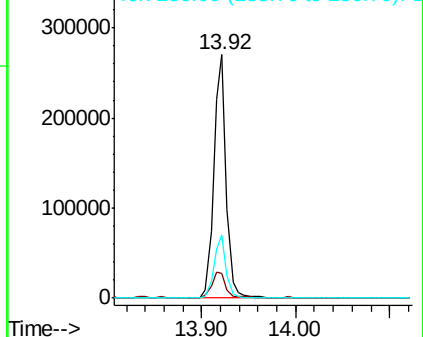
236 26.2 20.9 31.3

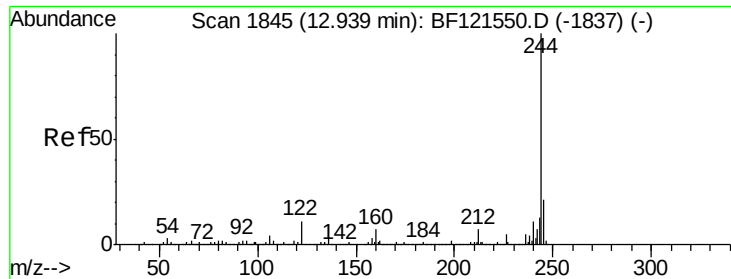


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.956 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121912.D

Acq: 9 Oct 2020 18:16

Instrument :

BNA_F

ClientSampleId :

39424

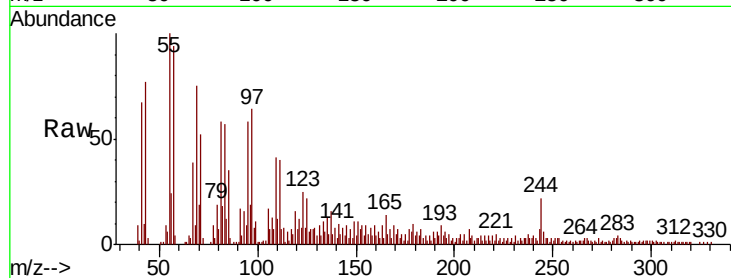
Tot Ion:244 Resp: 11869

Ion Ratio Lower Upper

244 100

212 12.3 5.4 8.2#

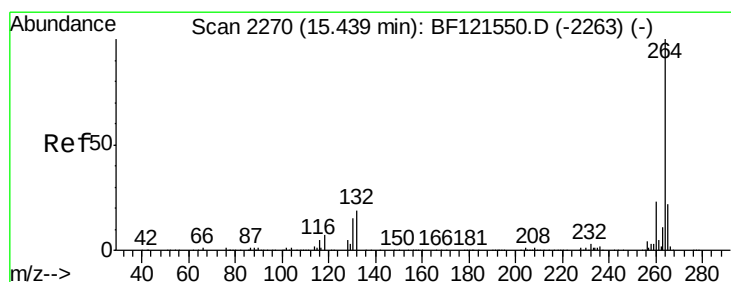
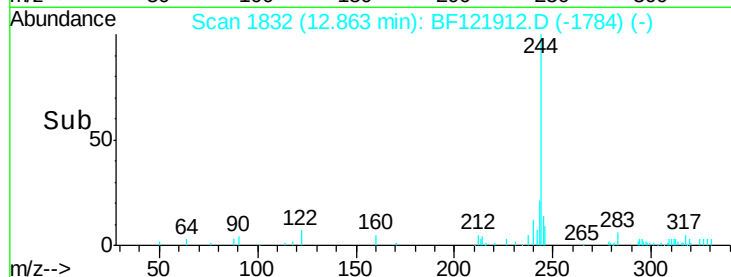
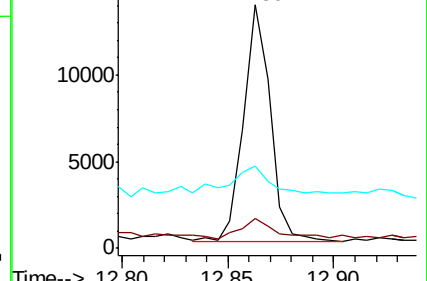
122 34.0 8.1 12.1#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121912.D

Acq: 9 Oct 2020 18:16

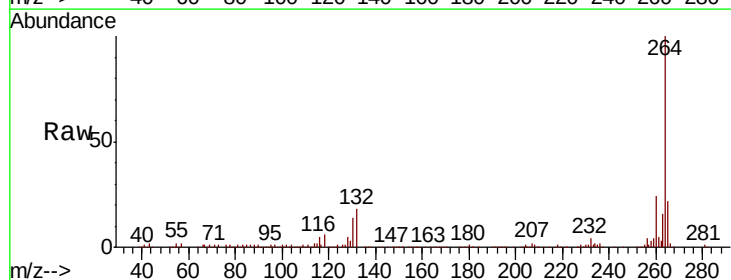
Tgt Ion:264 Resp: 267059

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.6 17.3 25.9



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

