

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121653.D
 Acq On : 22 Sep 2020 21:55
 Operator : JU/CG
 Sample : L4101-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0-6FT

Quant Time: Sep 23 01:39:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	151347	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	581267	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	305074	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	583725	20.00	ng	0.00
76) Chrysene-d12	13.97	240	487097	20.00	ng	-0.01
86) Perylene-d12	15.42	264	369917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1107183	108.72	ng	0.02
7) Phenol-d6	6.45	99	1307611	97.87	ng	0.00
23) Nitrobenzene-d5	7.37	82	1104504	102.02	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	552775	145.79	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1901729	94.41	ng	0.00
79) Terphenyl-d14	12.93	244	2159430	89.81	ng	0.00

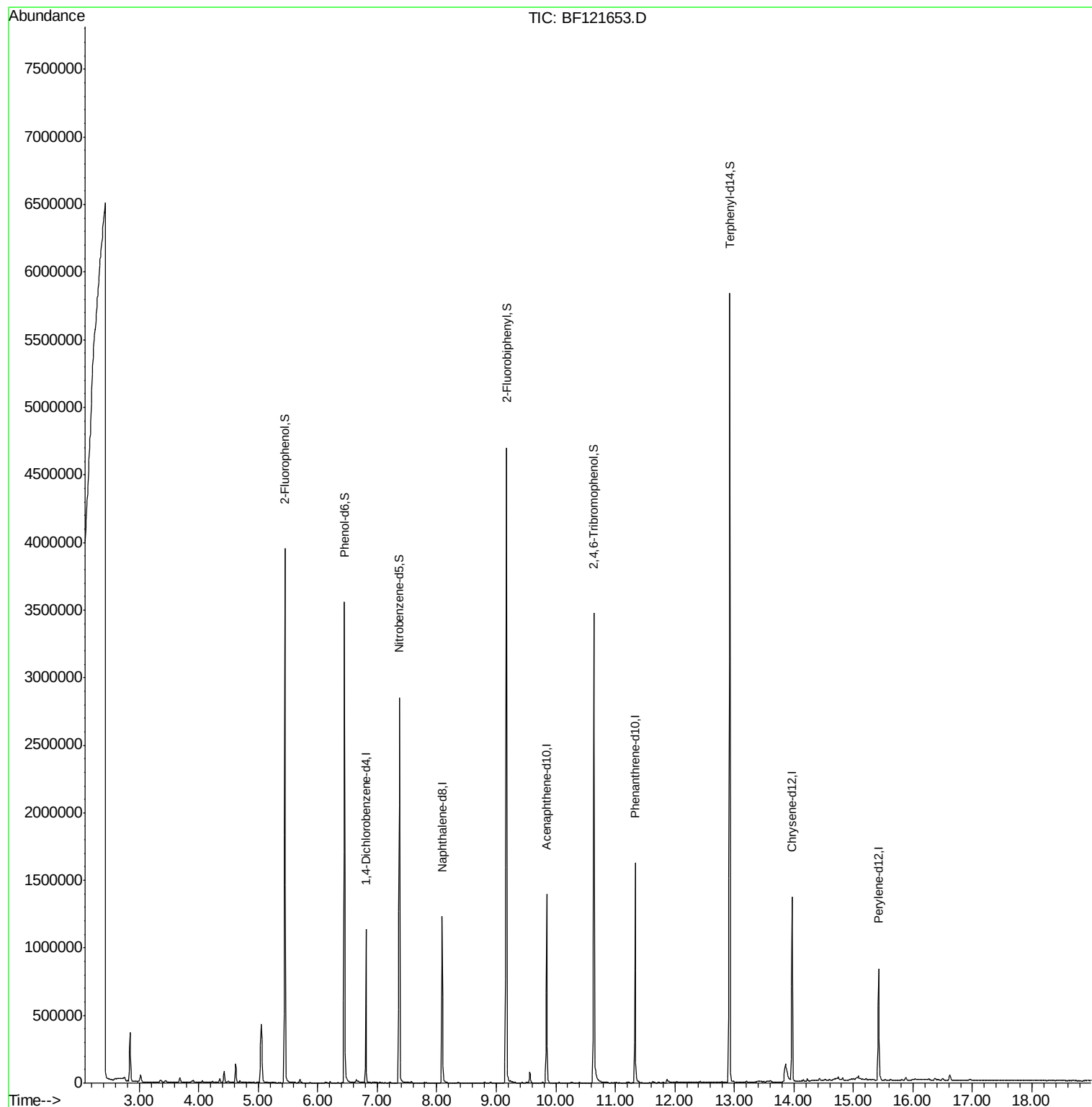
Target Compounds Qvalue

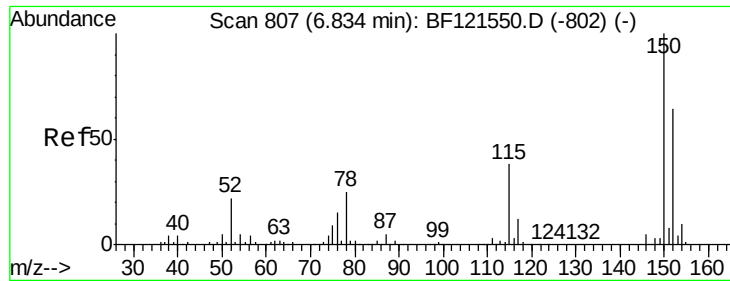
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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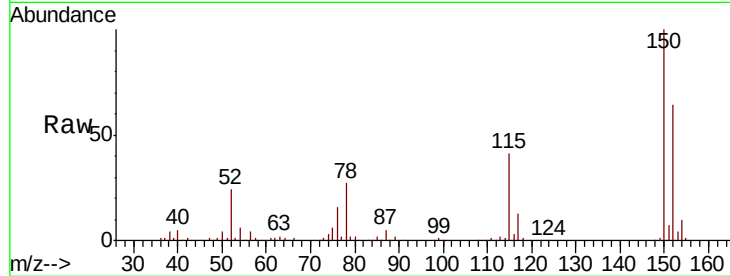


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

Instrument :
BNA_F
ClientSampleId :
0-6FT

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	128.1	192.1
115	63.0	52.6	79.0

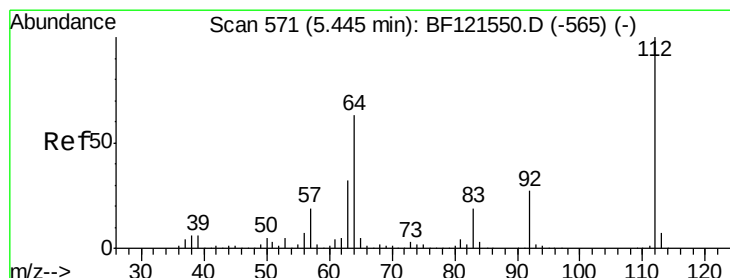
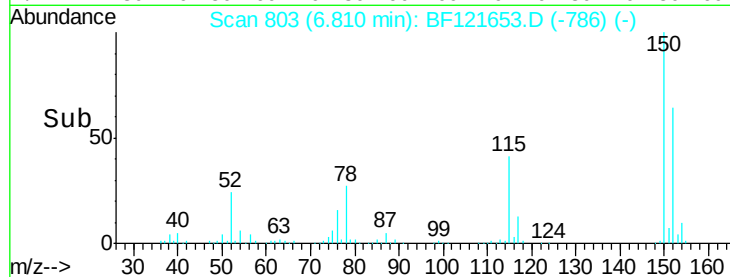
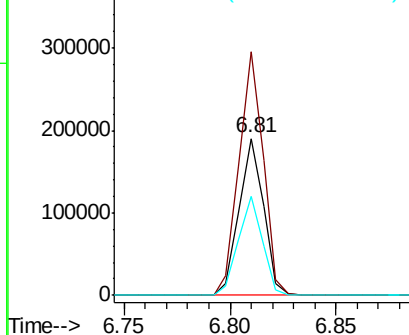


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

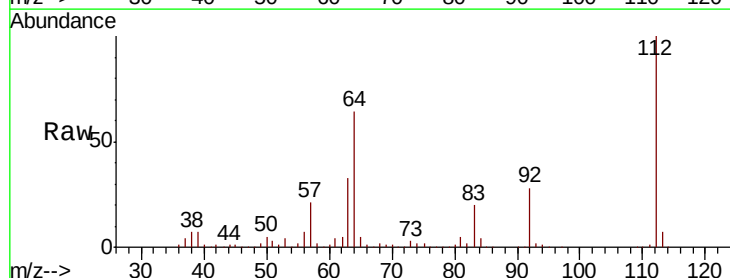
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.718 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	52.2	78.2
63	32.8	26.6	39.8

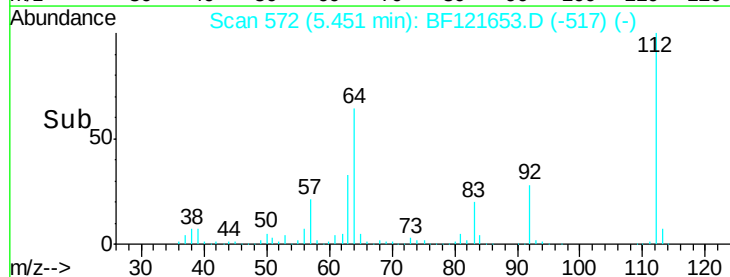
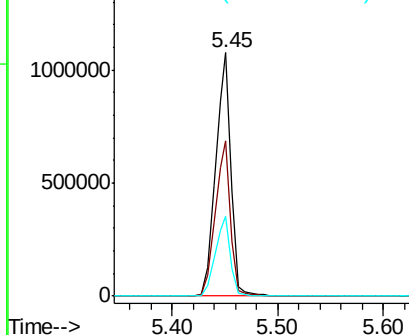


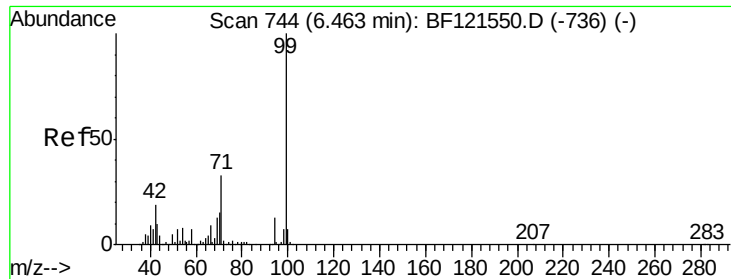
Abundance

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: 97.869 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Instrument :

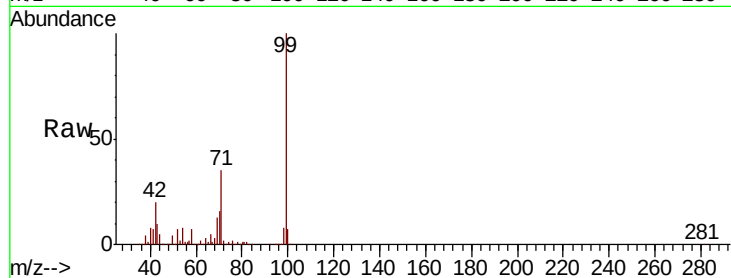
BNA_F

ClientSampleId :

0-6FT

Tot Ion: 99 Resp: 1307611

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.5	23.3
71	35.4	27.4	41.2

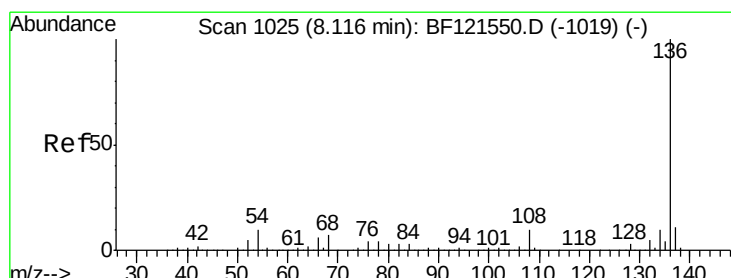
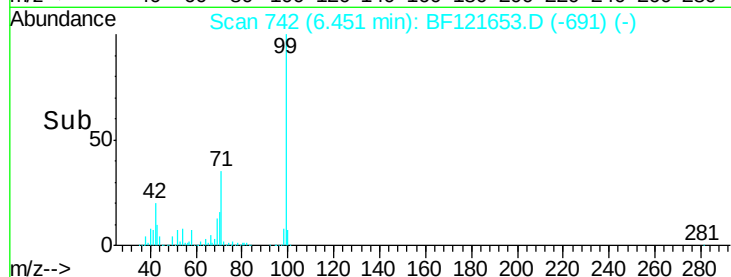
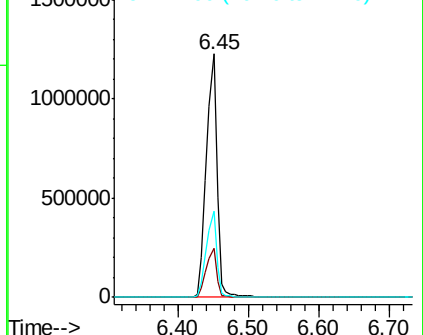


Abundance

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Tgt Ion: 136 Resp: 581267

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.0	7.4	11.0
68	6.8	5.3	7.9

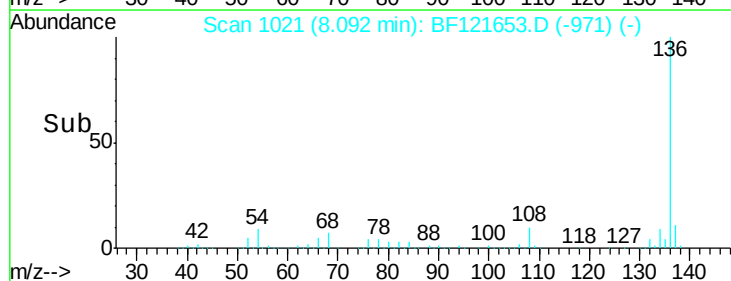
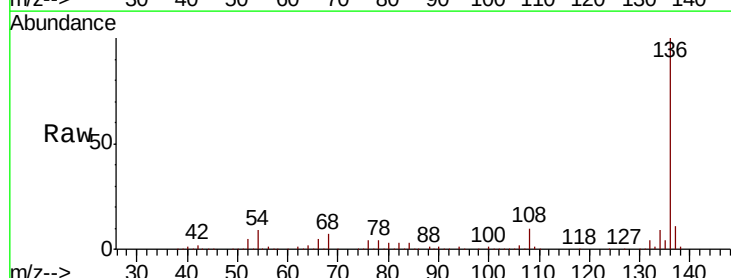
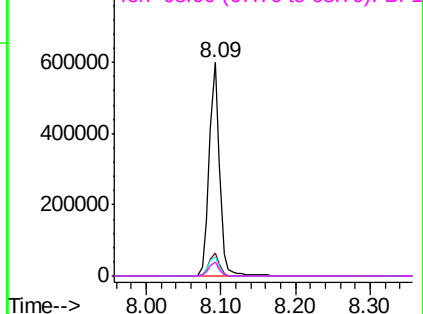
Abundance

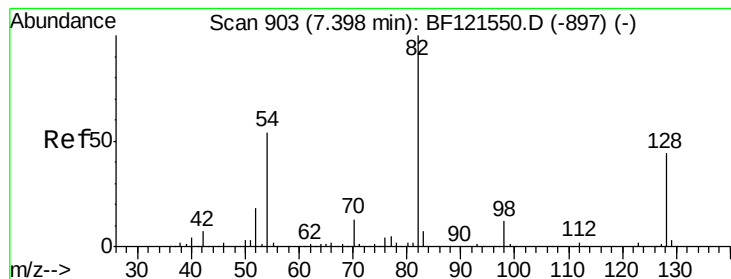
Ion 136.00 (135.70 to 136.70): E

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: 102.023 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Instrument :

BNA_F

ClientSampleId :

0-6FT

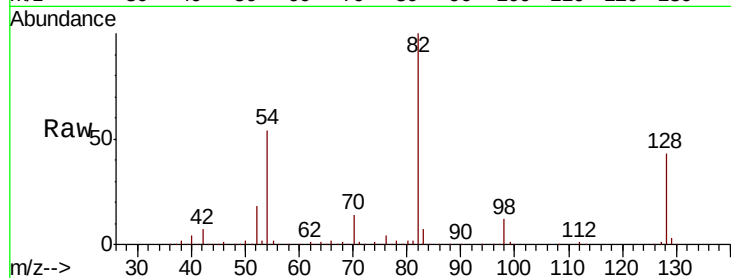
Tot Ion: 82 Resp: 1104504

Ion Ratio Lower Upper

82 100

128 42.9 33.9 50.9

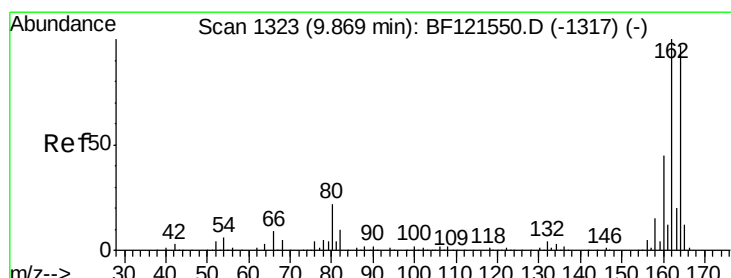
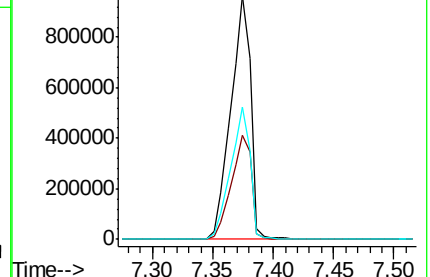
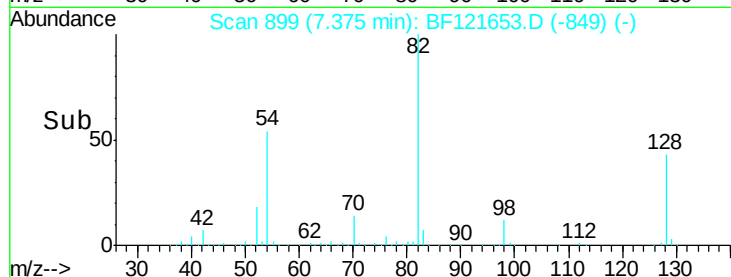
54 54.2 42.9 64.3



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# 1319

Delta R.T. -0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

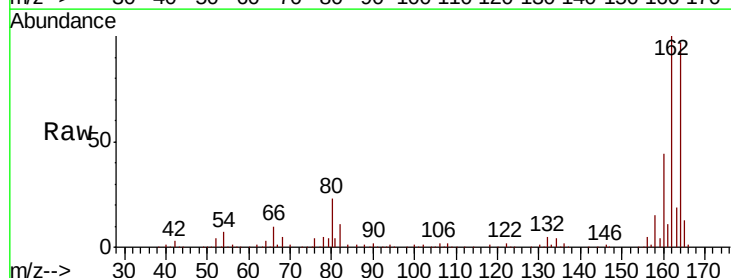
Tgt Ion: 164 Resp: 305074

Ion Ratio Lower Upper

164 100

162 103.2 81.2 121.8

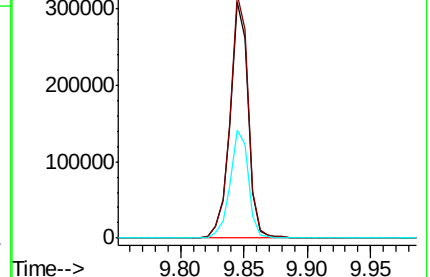
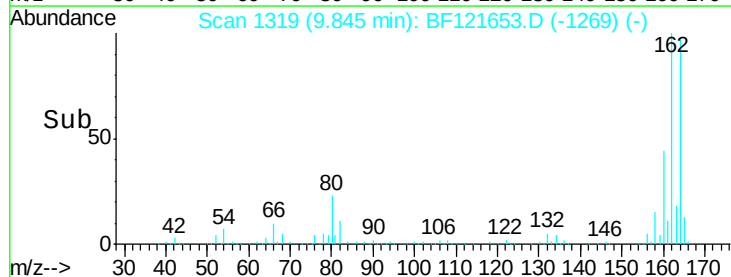
160 45.8 36.2 54.4

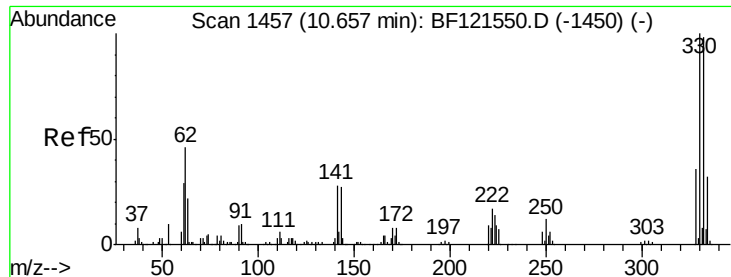


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 145.787 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Instrument :

BNA_F

ClientSampleId :

0-6FT

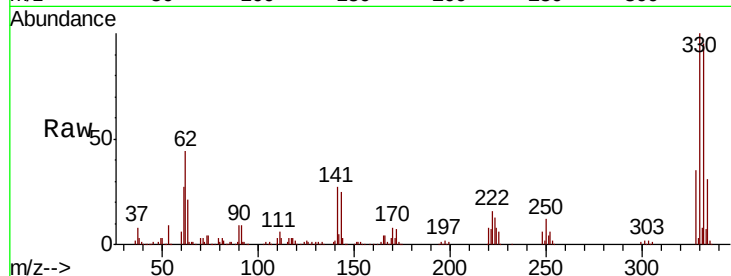
Tot Ion:330 Resp: 552775

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

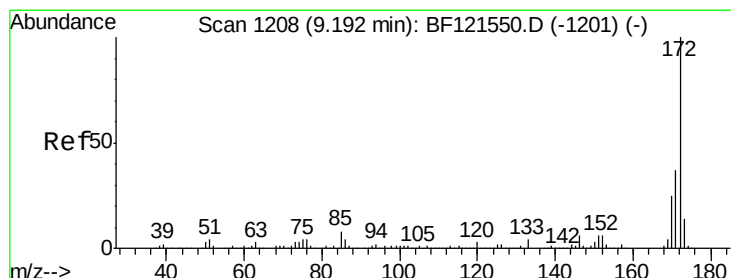
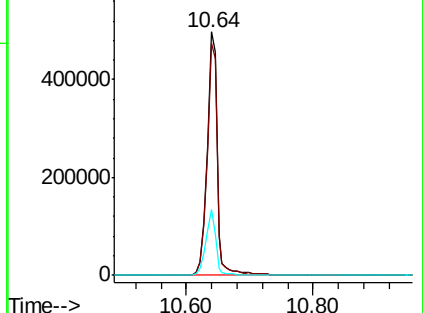
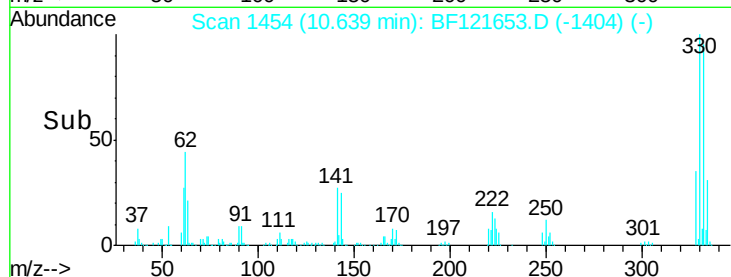
141 26.6 22.4 33.6



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: 94.411 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

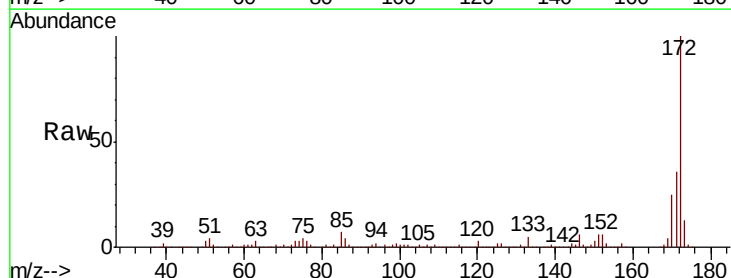
Tgt Ion:172 Resp: 1901729

Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

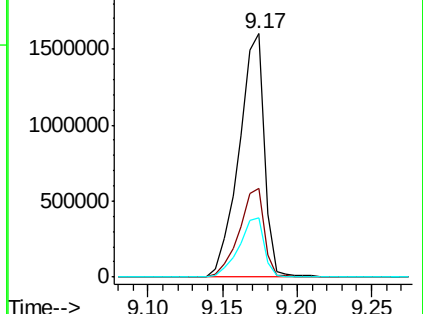
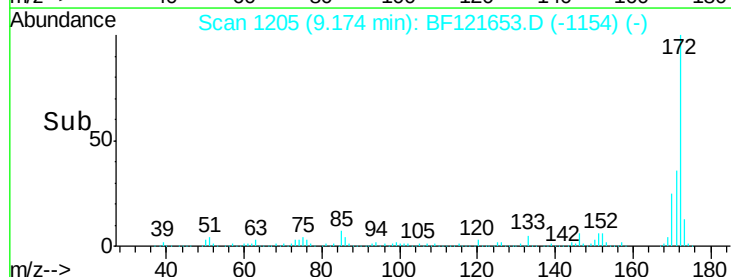
170 24.5 19.5 29.3

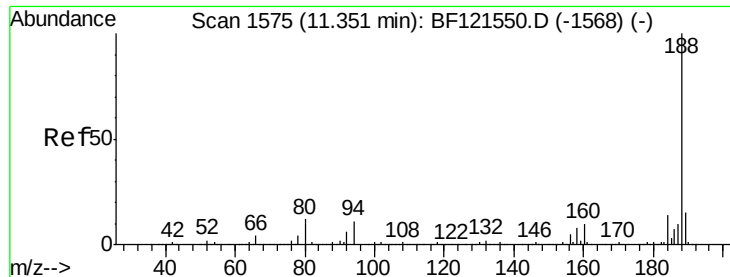


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

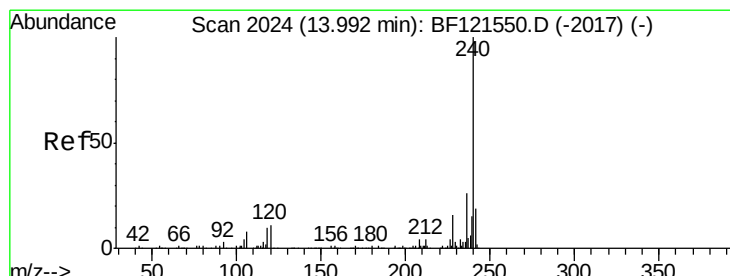
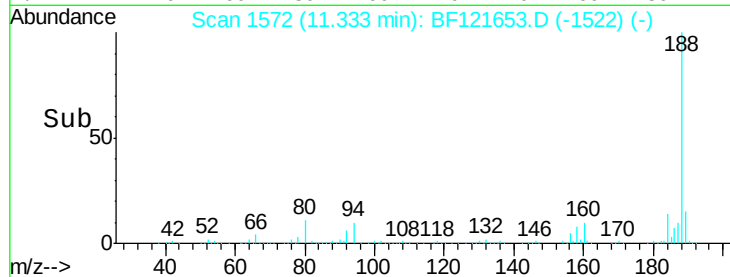
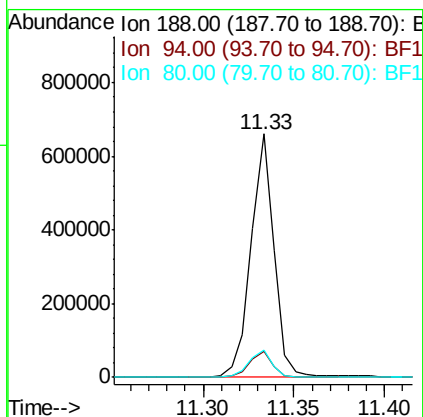
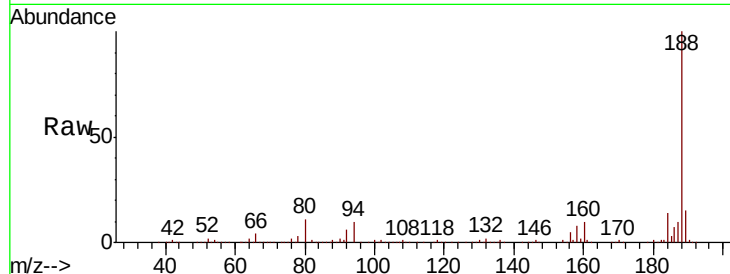




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

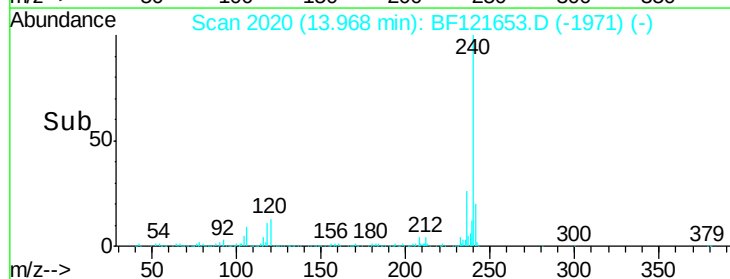
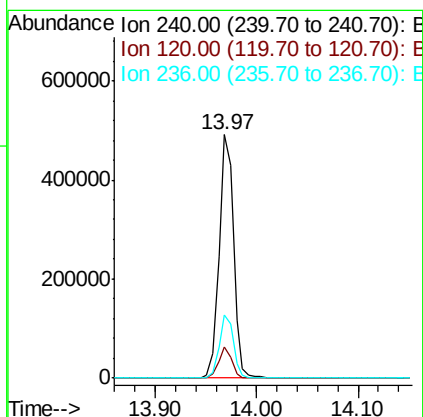
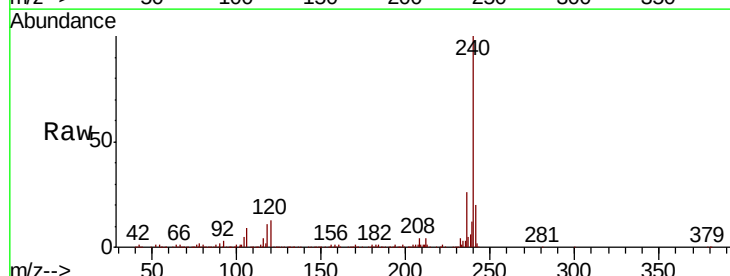
Instrument :
BNA_F
ClientSampleId :
0-6FT

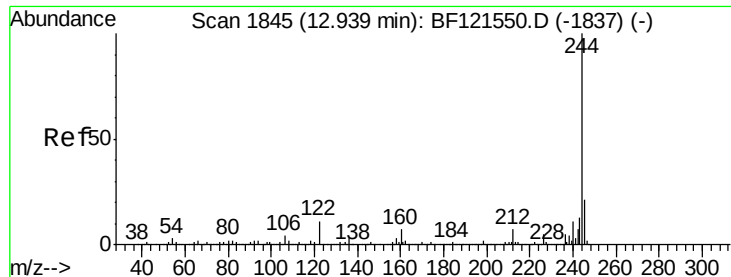
Tot Ion:188 Resp: 583725
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 11.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

Tgt Ion:240 Resp: 487097
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 26.2 20.4 30.6





#79

Terphenyl-d14

Concen: 89.814 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Instrument :

BNA_F

ClientSampleId :

0-6FT

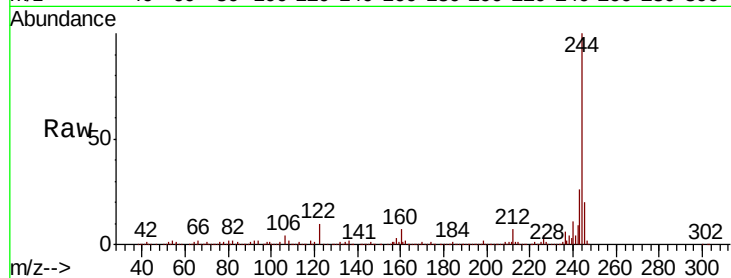
Tot Ion:244 Resp: 2159430

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

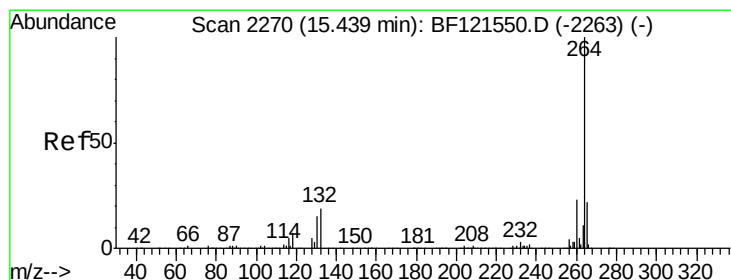
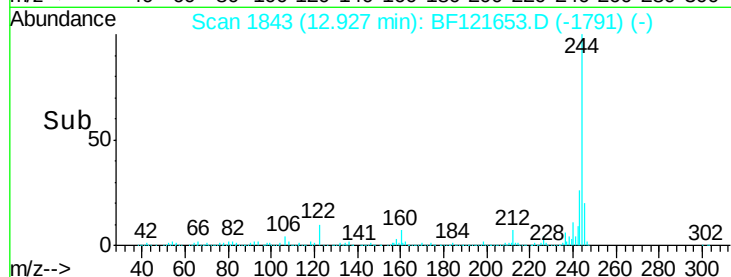
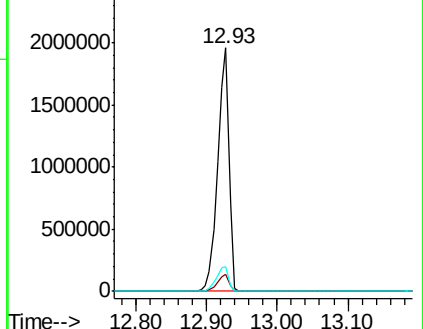
122 10.0 7.4 11.0



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

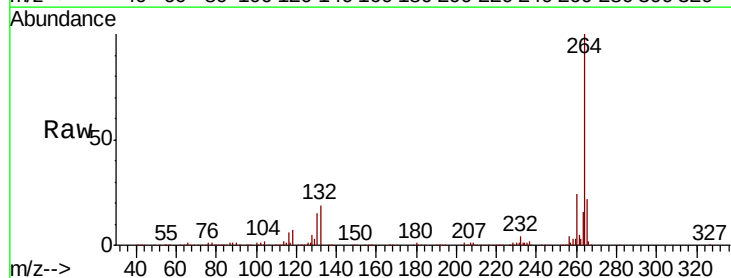
Tgt Ion:264 Resp: 369917

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.0 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

