

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121865.D
 Acq On : 7 Oct 2020 9:48
 Operator : JU/CG
 Sample : PB132129BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BL

Quant Time: Oct 07 12:16:48 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	135162	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	542151	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	287503	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	560548	20.00	ng	0.00
76) Chrysene-d12	13.92	240	499899	20.00	ng	-0.01
86) Perylene-d12	15.36	264	452419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	980192	107.77	ng	0.01
7) Phenol-d6	6.41	99	1269079	106.36	ng	0.00
23) Nitrobenzene-d5	7.33	82	895718	88.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	404506	113.20	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1538710	81.06	ng	-0.01
79) Terphenyl-d14	12.87	244	1755550	71.15	ng	0.00

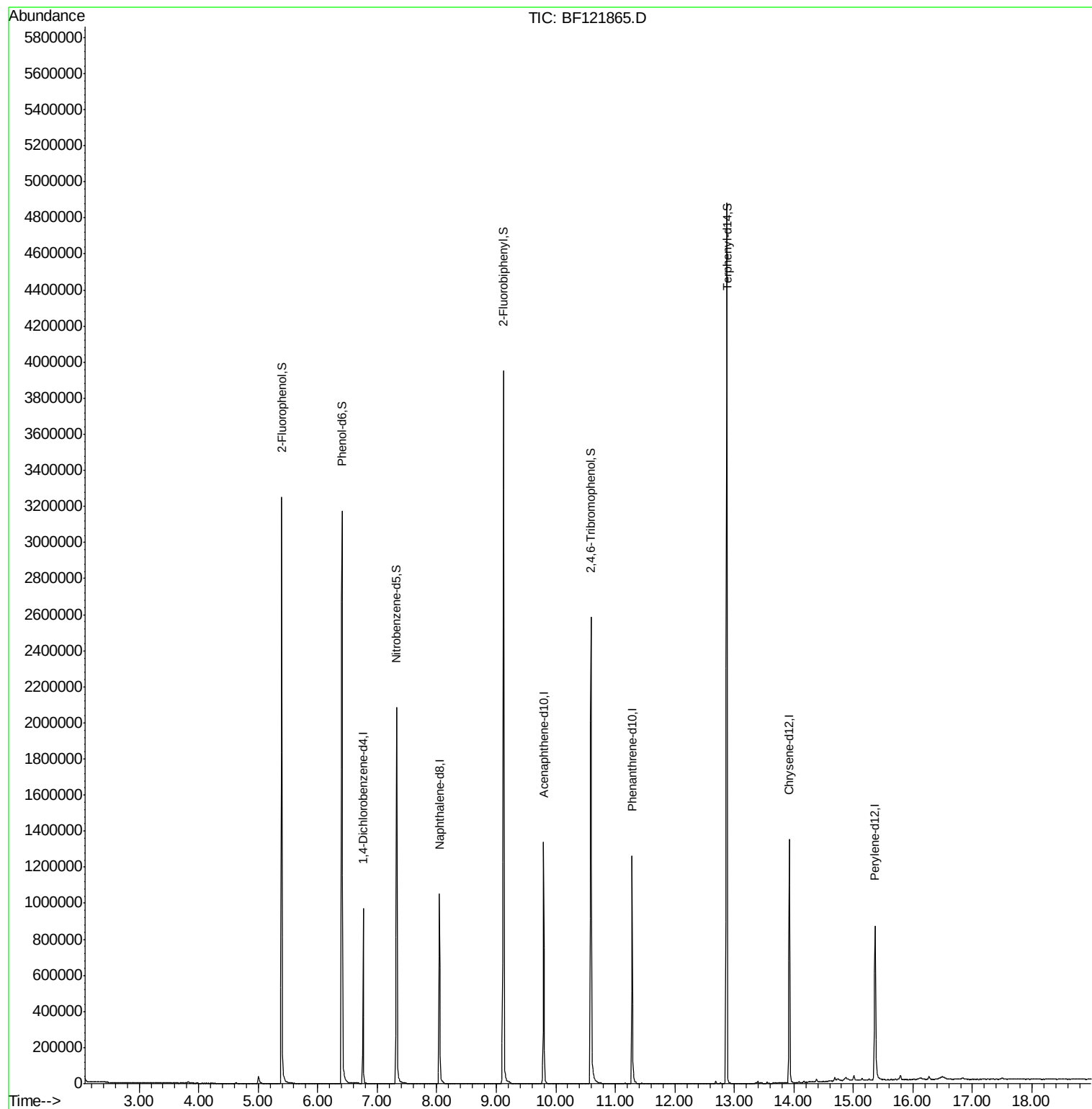
Target Compounds Qvalue

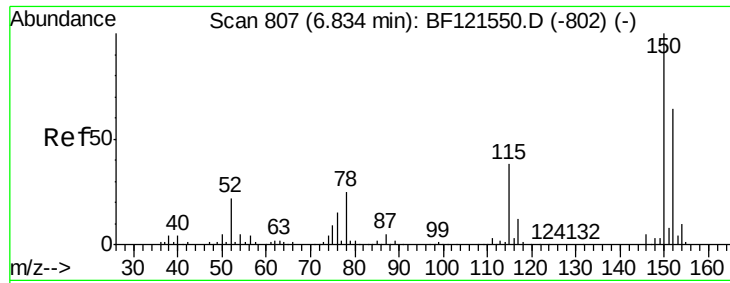
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB132129BL

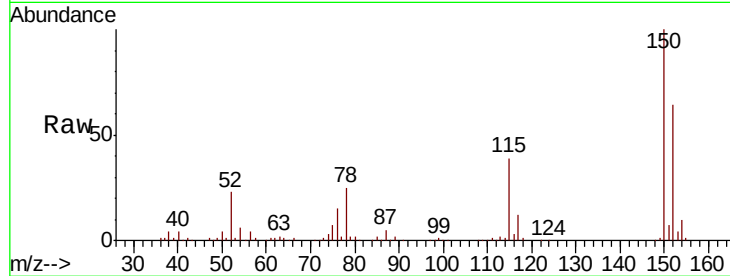
Tot Ion:152 Resp: 135162

Ion Ratio Lower Upper

152 100

150 157.3 125.3 187.9

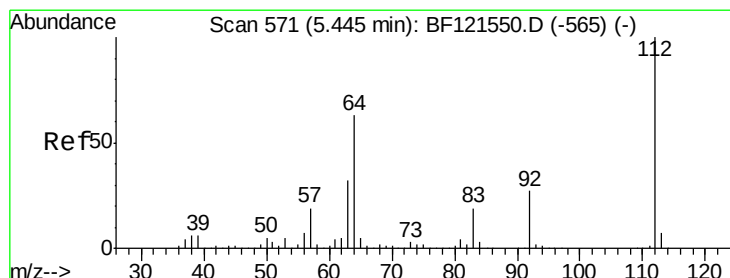
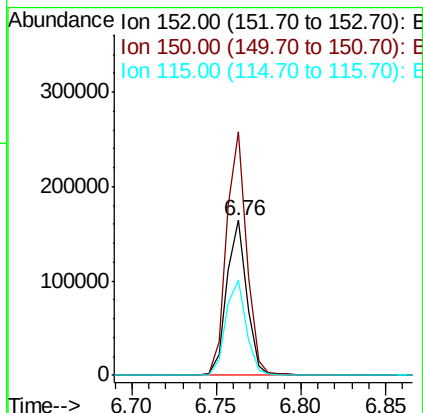
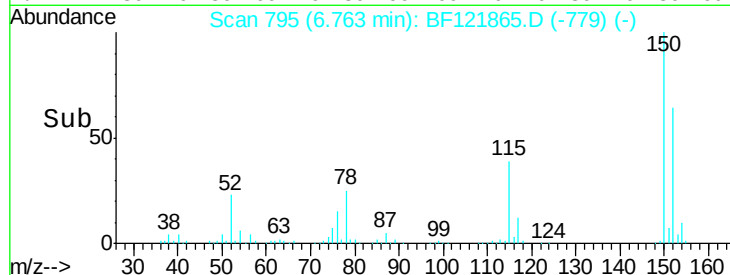
115 61.5 51.9 77.9



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: 107.774 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

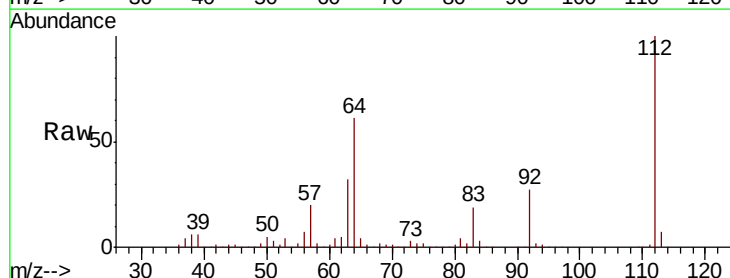
Tgt Ion:112 Resp: 980192

Ion Ratio Lower Upper

112 100

64 61.5 50.4 75.6

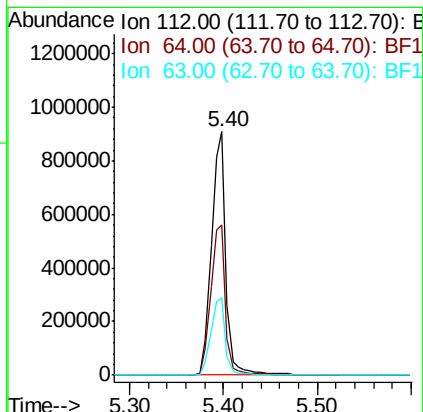
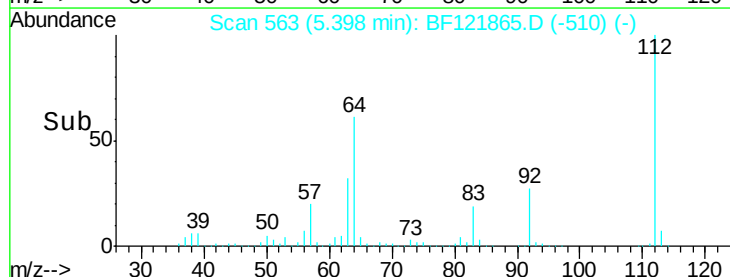
63 32.0 25.8 38.6

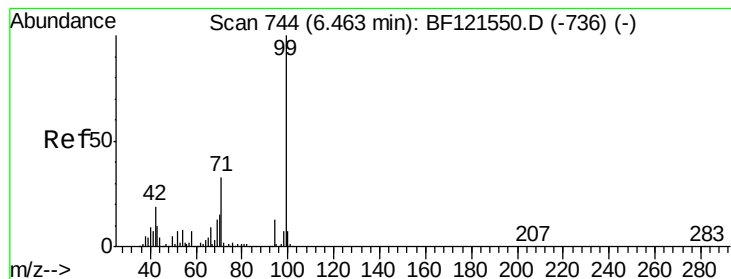


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.359 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB132129BL

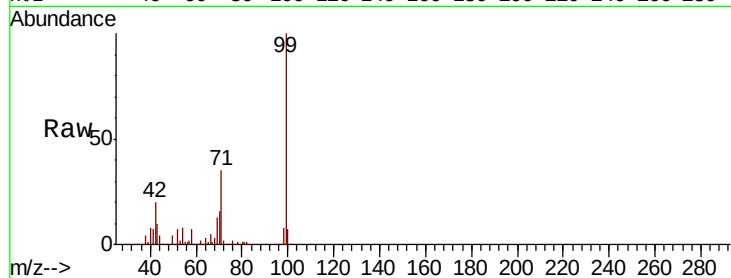
Tot Ion: 99 Resp: 1269079

Ion Ratio Lower Upper

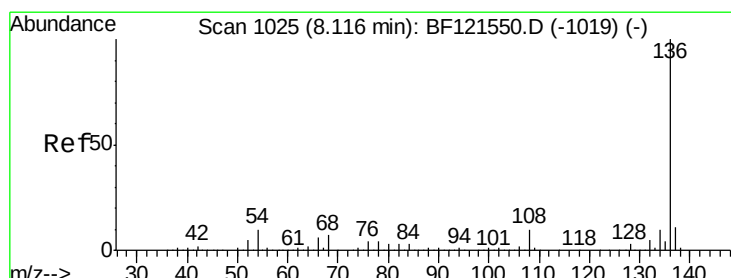
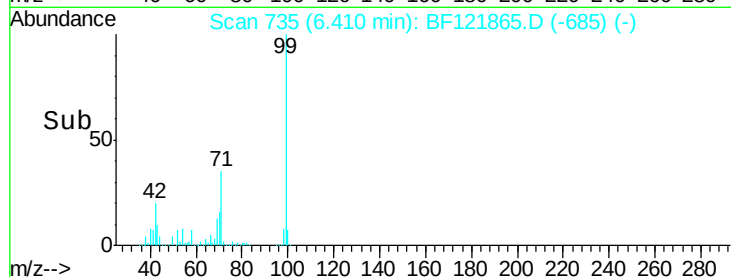
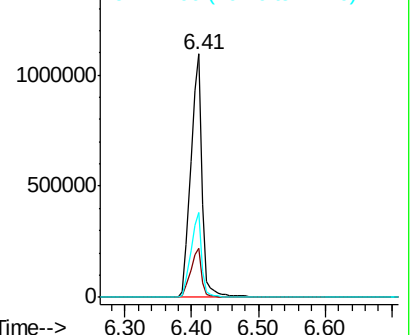
99 100

42 20.3 15.9 23.9

71 35.0 27.1 40.7



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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

Tgt Ion: 136 Resp: 542151

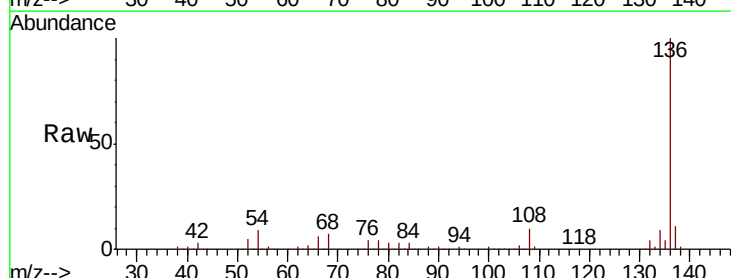
Ion Ratio Lower Upper

136 100

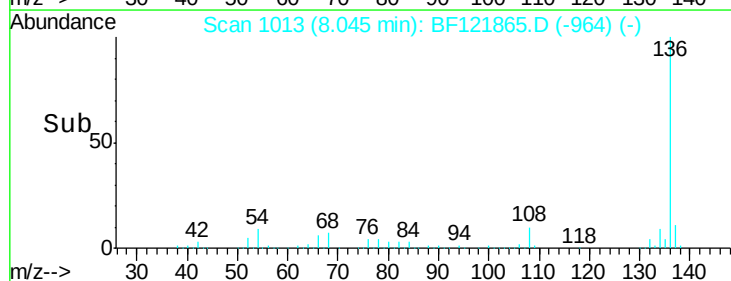
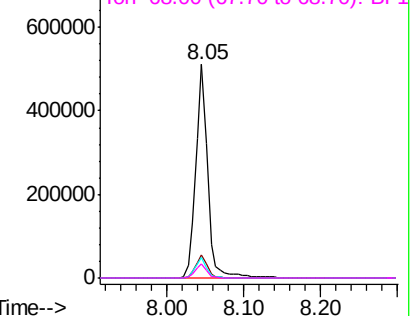
137 11.0 8.6 13.0

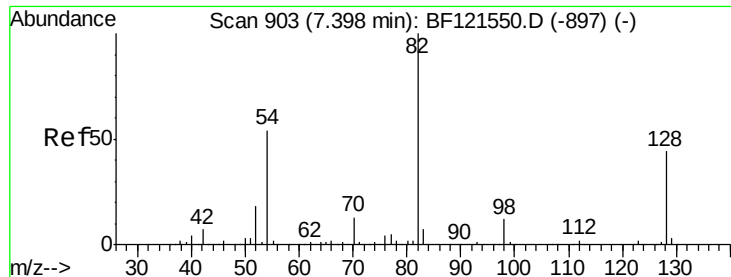
54 9.4 7.1 10.7

68 6.8 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
800000
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

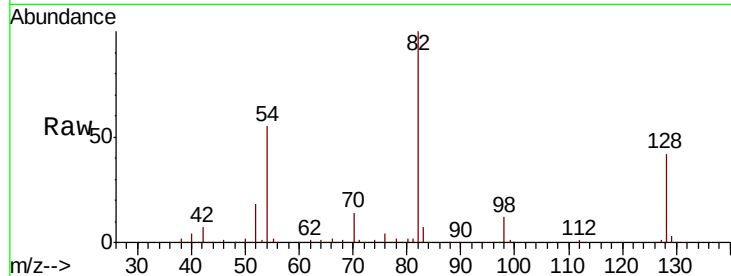




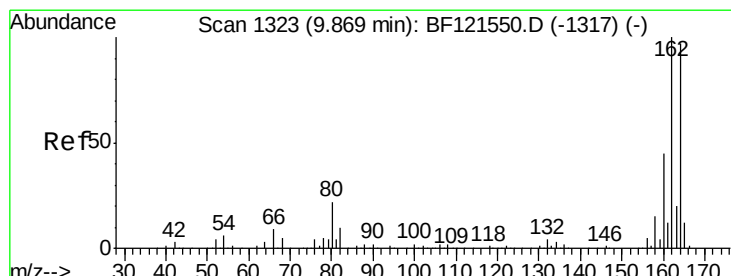
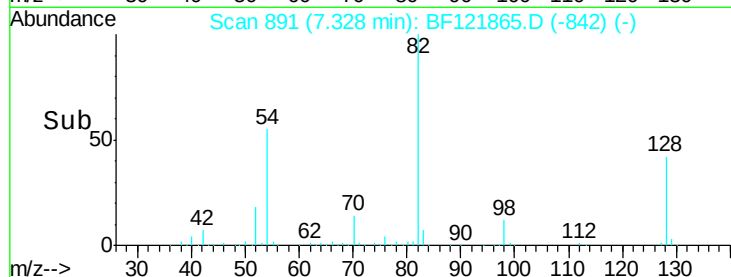
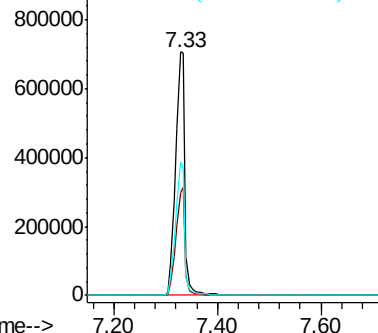
#23
Nitrobenzene-d5
Concen: 88.707 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121865.D
Acq: 7 Oct 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB132129BL

Tot Ion: 82 Resp: 895718
Ion Ratio Lower Upper
82 100
128 42.2 35.0 52.4
54 54.8 43.9 65.9

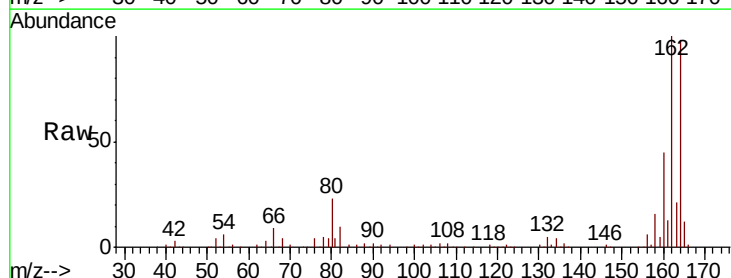


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

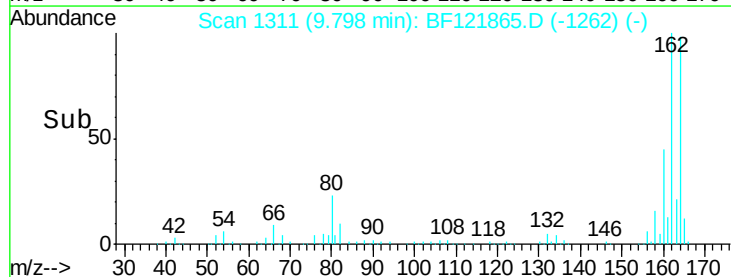
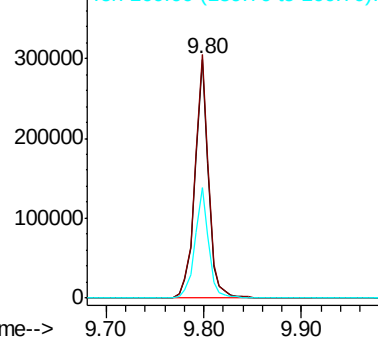


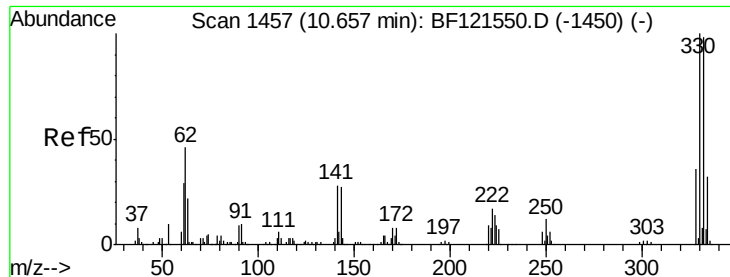
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121865.D
Acq: 7 Oct 2020 9:48

Tgt Ion: 164 Resp: 287503
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 46.2 37.5 56.3



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

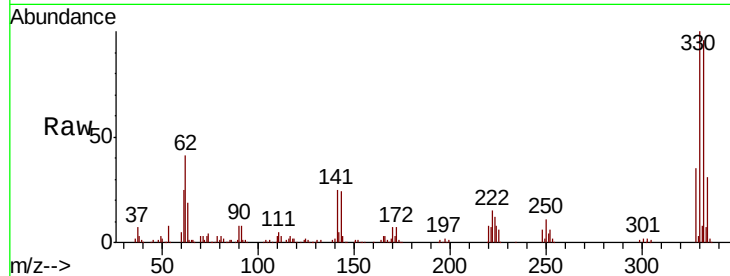




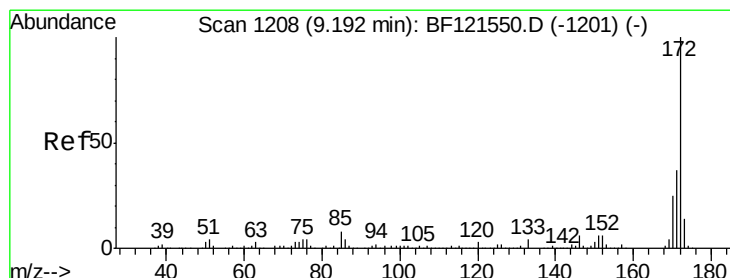
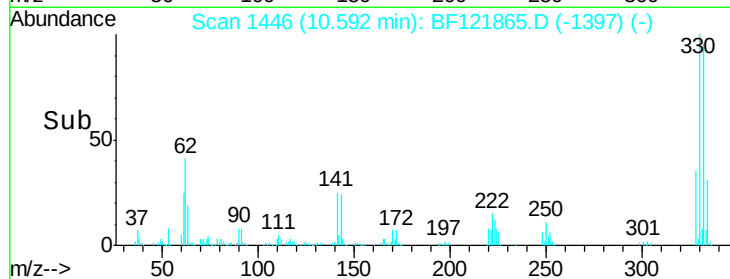
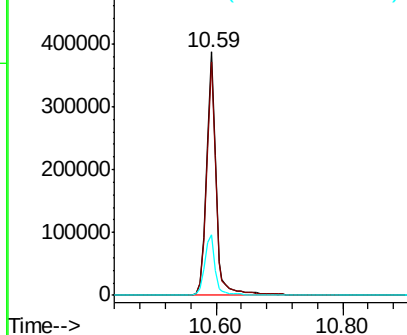
#42
 2,4,6-Tribromophenol
 Concen: 113.203 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121865.D
 Acq: 7 Oct 2020 9:48

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	27.9	22.3	33.5

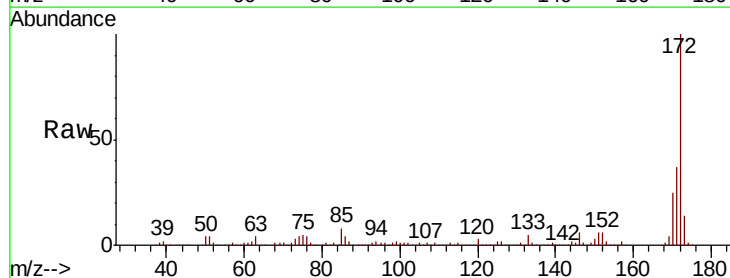


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

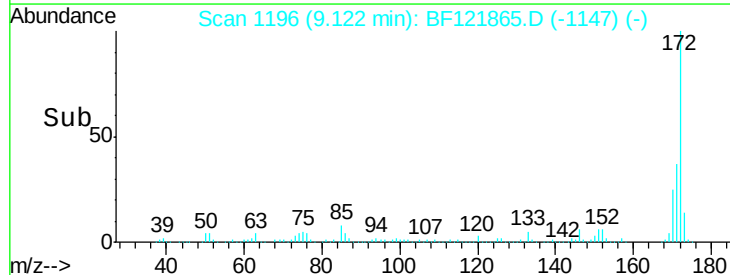
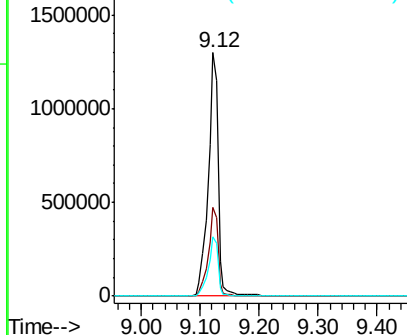


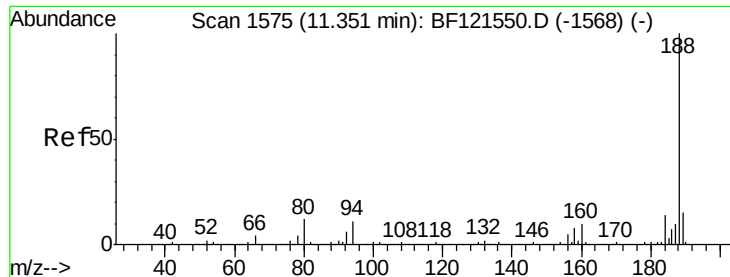
#45
 2-Fluorobiphenyl
 Concen: 81.057 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121865.D
 Acq: 7 Oct 2020 9:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.6	19.8	29.6



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

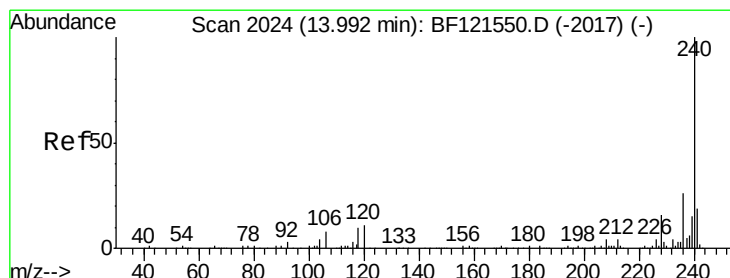
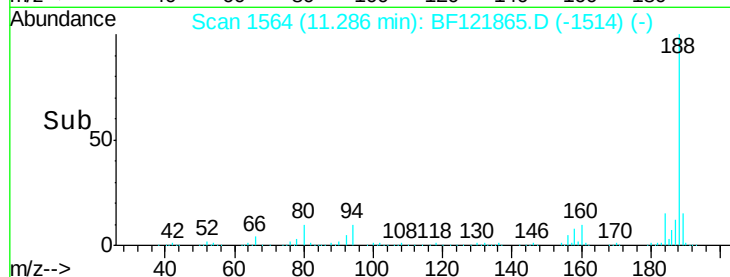
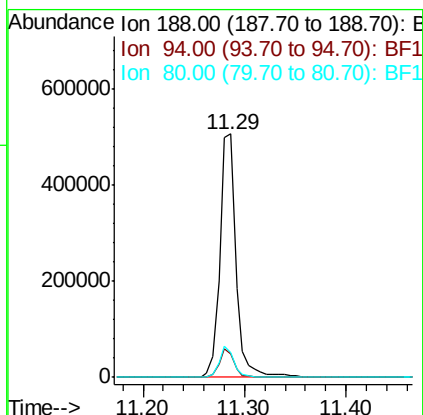
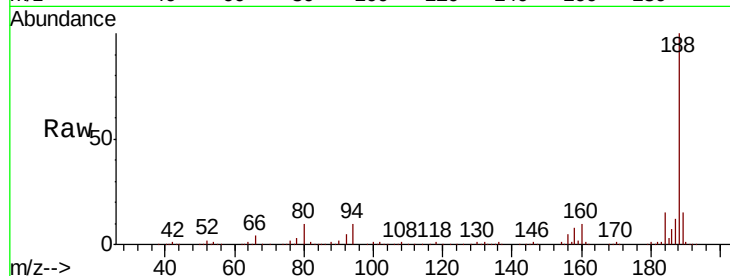




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121865.D
Acq: 7 Oct 2020 9:48

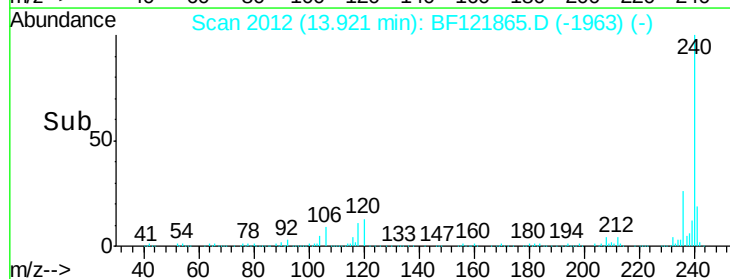
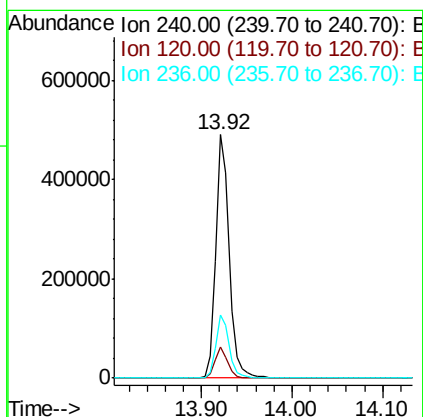
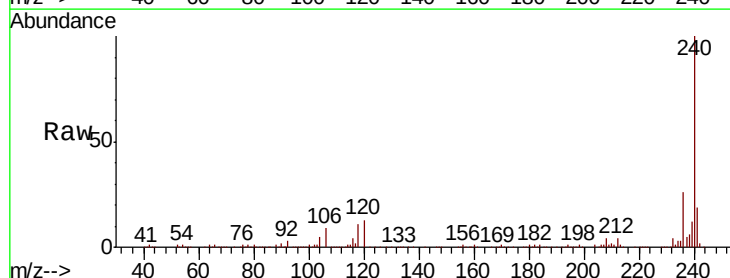
Instrument :
BNA_F
ClientSampleId :
PB132129BL

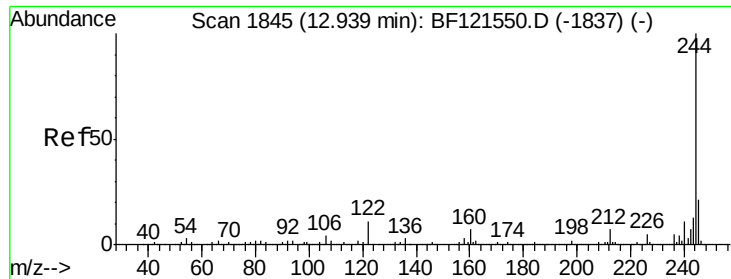
Tot Ion:188 Resp: 560548
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.3 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121865.D
Acq: 7 Oct 2020 9:48

Tgt Ion:240 Resp: 499899
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 71.146 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB132129BL

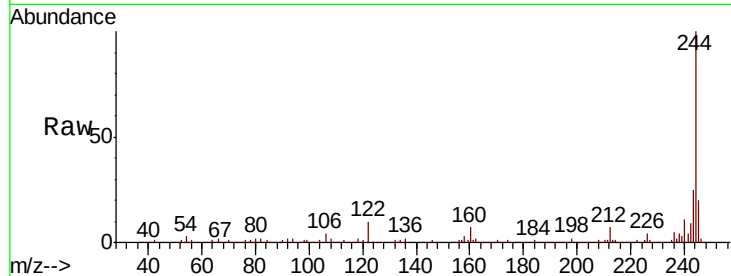
Tot Ion:244 Resp: 1755550

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

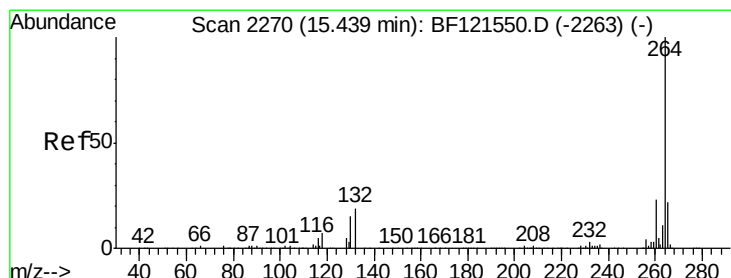
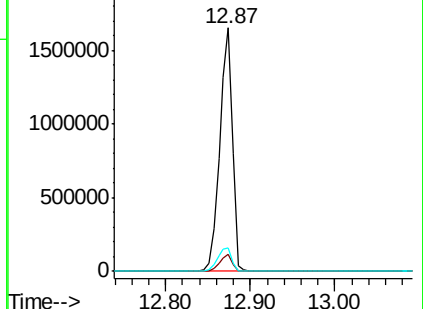
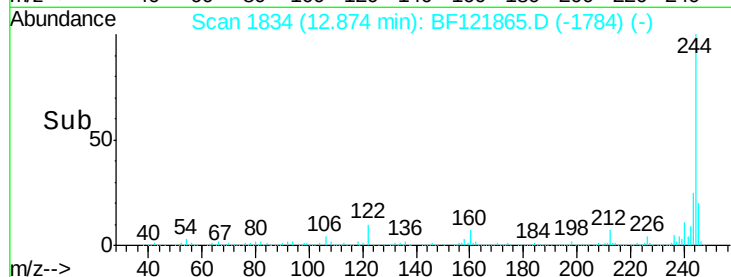
122 9.8 8.1 12.1



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# 2257

Delta R.T. 0.00 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

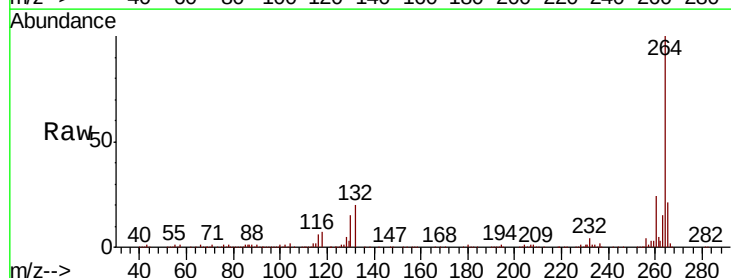
Tgt Ion:264 Resp: 452419

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.4 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

