

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121820.D
 Acq On : 5 Oct 2020 16:40
 Operator : JU/CG
 Sample : PB132087BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BL

Quant Time: Oct 05 17:17:20 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	117502	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	465634	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	248800	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	493255	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	447928	20.00	ng	-0.01
86) Perylene-d12	15.36	264	422876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	871189	110.19	ng	0.00
7) Phenol-d6	6.40	99	1111653	107.17	ng	-0.01
23) Nitrobenzene-d5	7.33	82	769216	88.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	361734	116.98	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1348221	82.07	ng	-0.01
79) Terphenyl-d14	12.87	244	1634847	73.94	ng	0.00

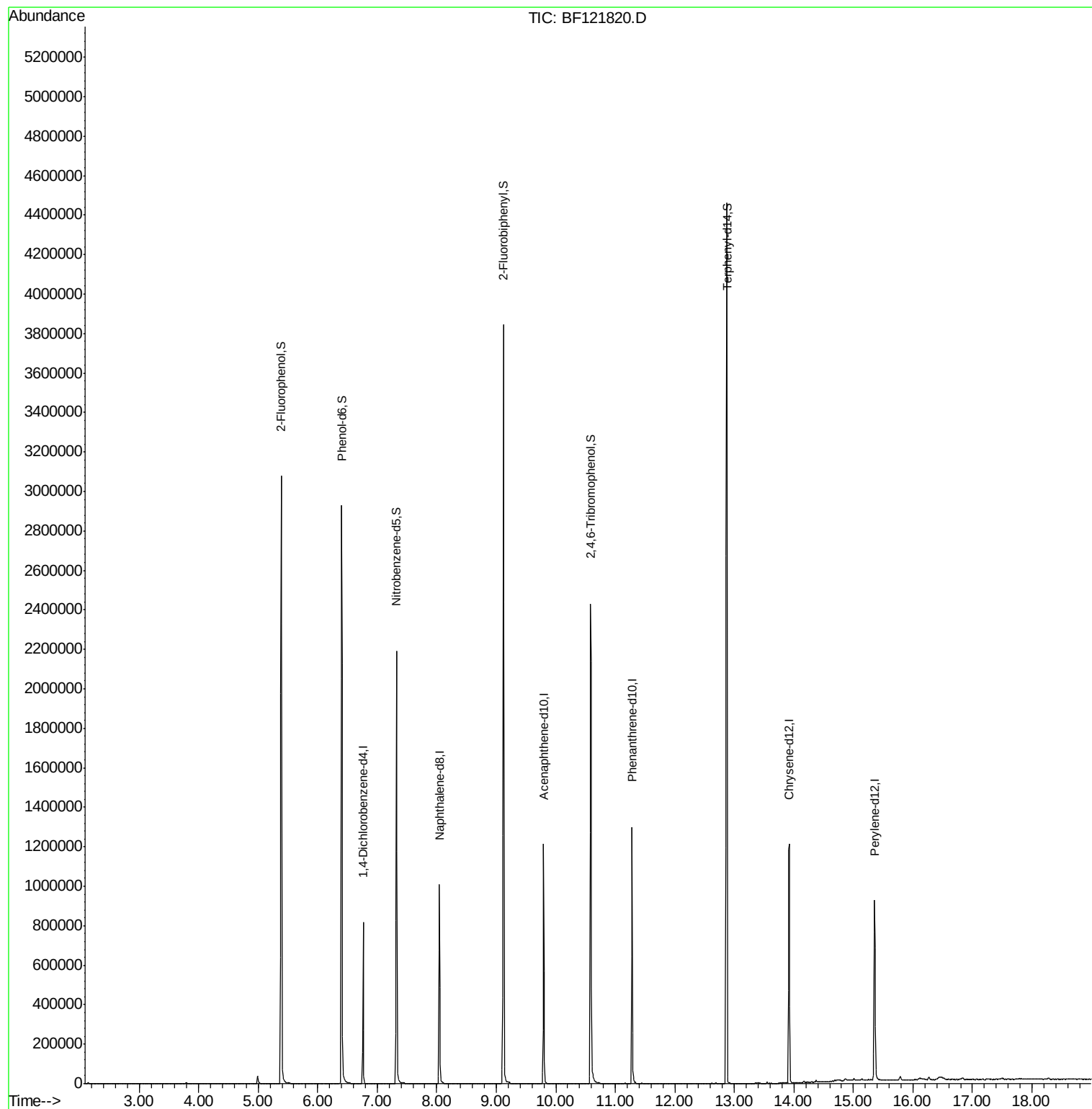
Target Compounds Qvalue

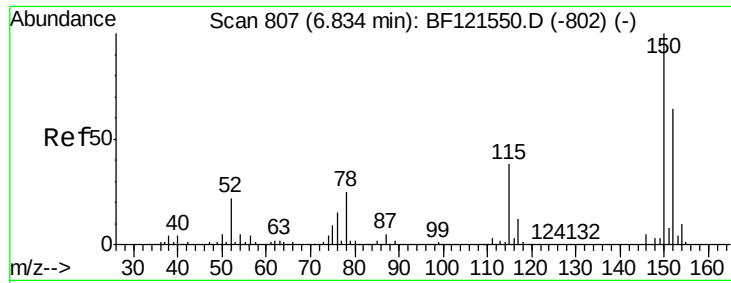
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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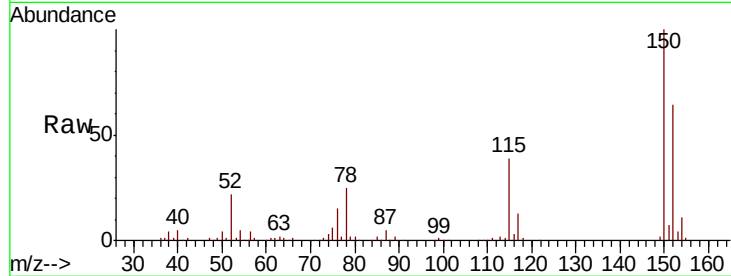


#1

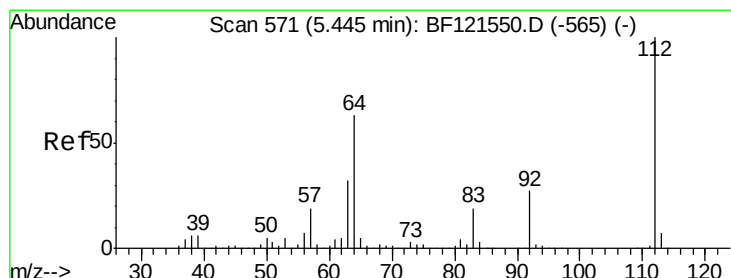
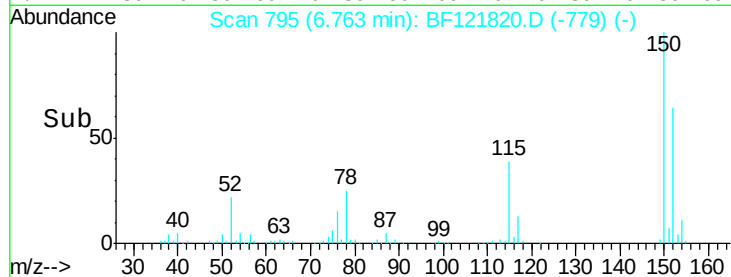
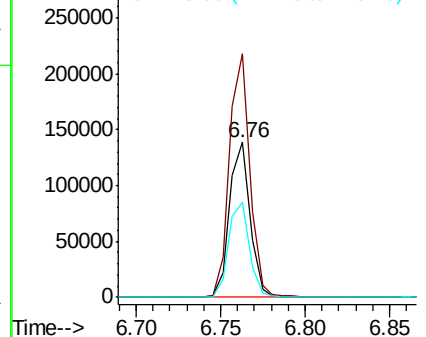
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121820.D
Acq: 5 Oct 2020 16:40

Instrument :
BNA_F
ClientSampleId :
PB132087BL

Tot Ion:152 Resp: 117502
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 61.6 51.9 77.9



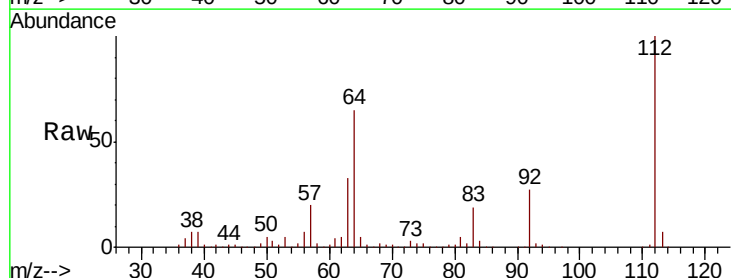
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



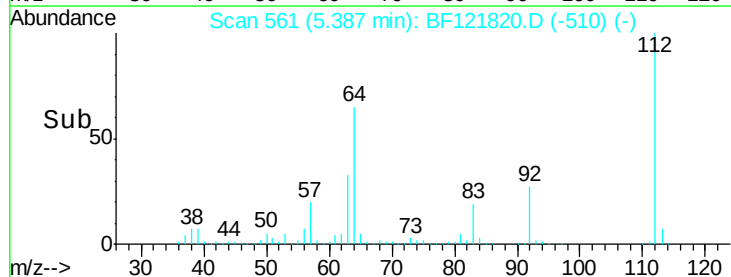
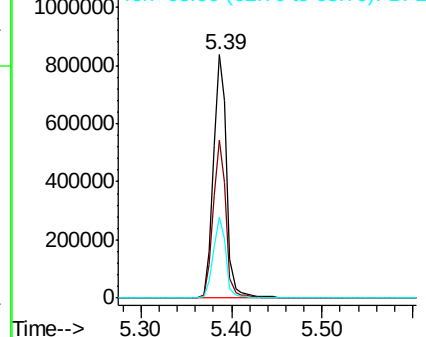
#5

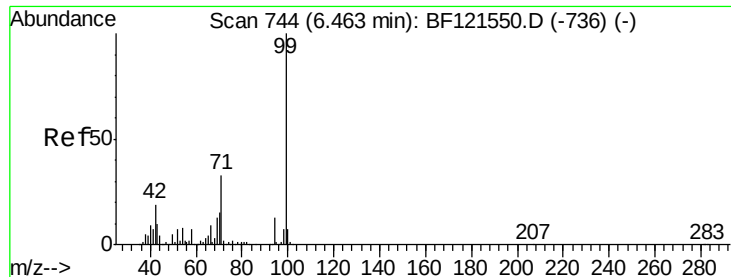
2-Fluorophenol
Concen: 110.185 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF121820.D
Acq: 5 Oct 2020 16:40

Tgt Ion:112 Resp: 871189
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 33.1 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: 107.168 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

Instrument :

BNA_F

ClientSampleId :

PB132087BL

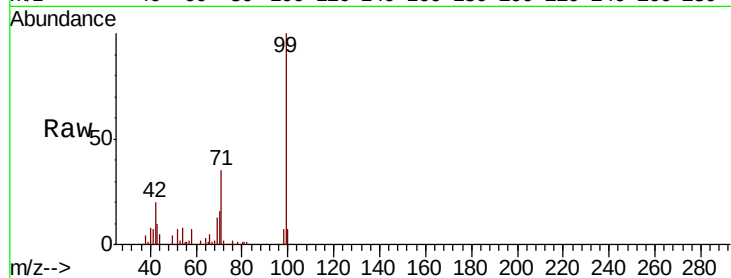
Tot Ion: 99 Resp: 1111653

Ion Ratio Lower Upper

99 100

42 20.4 15.9 23.9

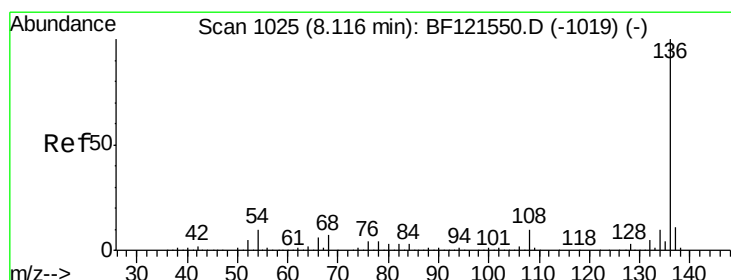
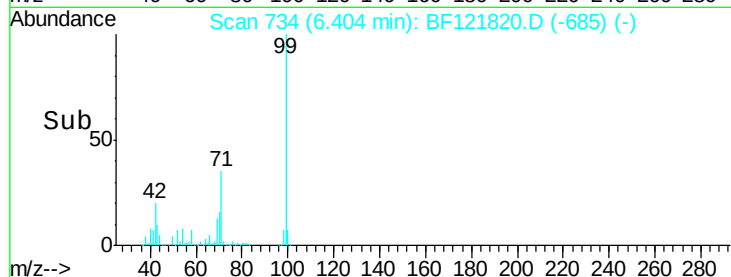
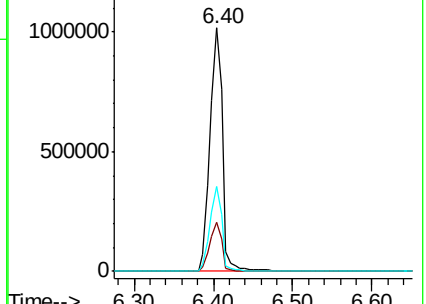
71 34.8 27.1 40.7



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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

Tgt Ion: 136 Resp: 465634

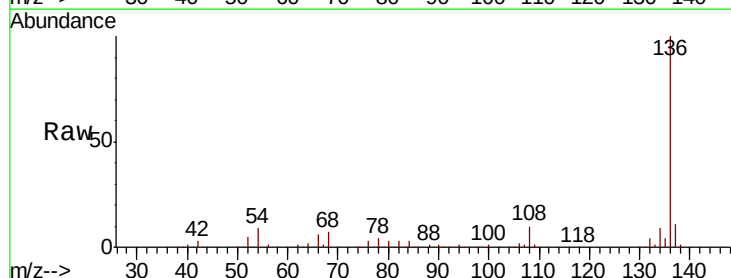
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.1 7.1 10.7

68 6.7 5.0 7.4

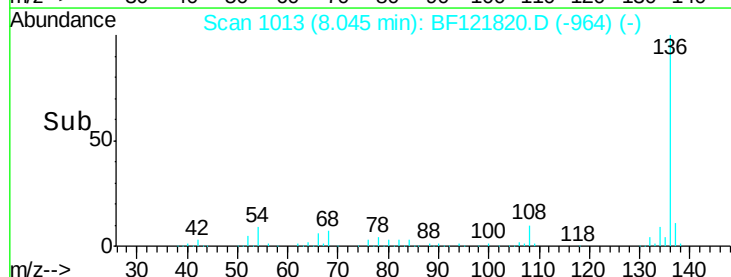
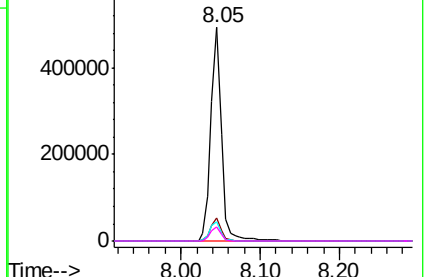


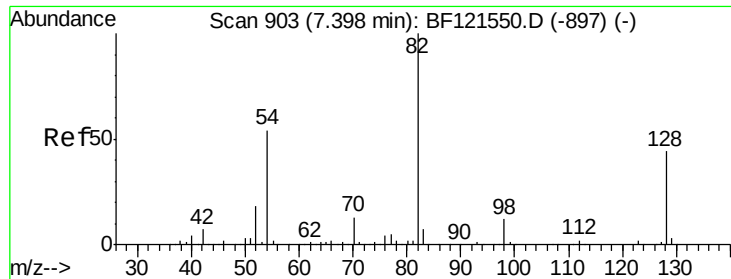
Abundance Ion 136.00 (135.70 to 136.70): E

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

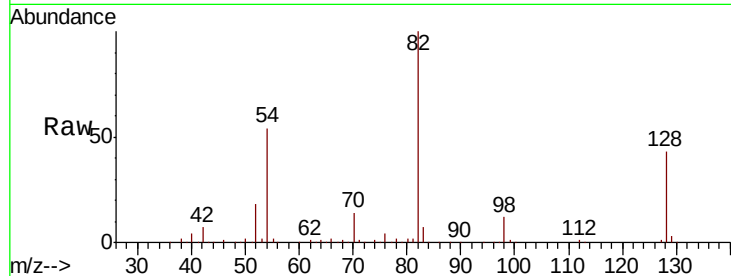




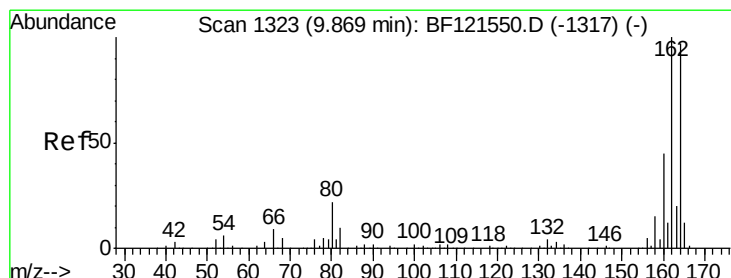
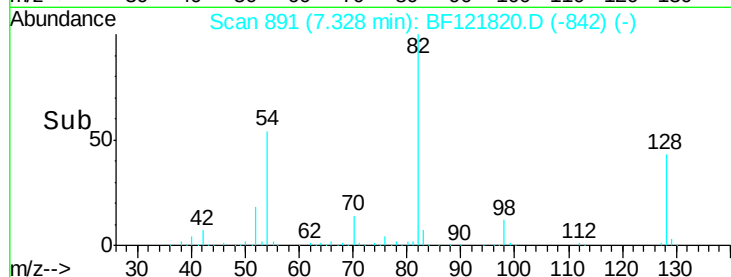
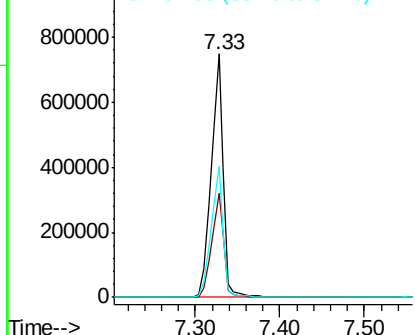
#23
 Nitrobenzene-d5
 Concen: 88.698 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121820.D
 Acq: 5 Oct 2020 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BL

Tot Ion: 82 Resp: 769216
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.0 52.4
 54 53.6 43.9 65.9

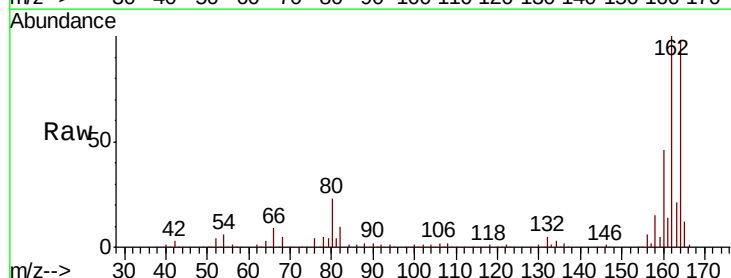


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

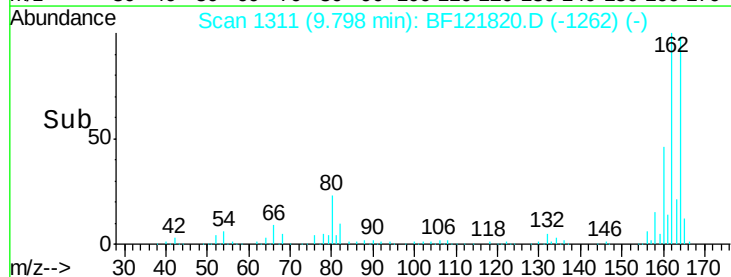
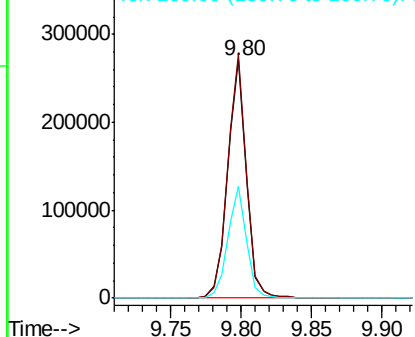


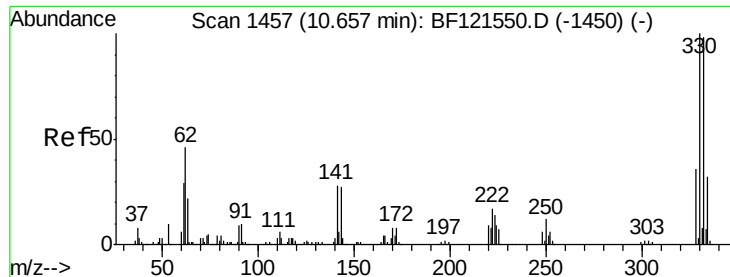
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121820.D
 Acq: 5 Oct 2020 16:40

Tgt Ion: 164 Resp: 248800
 Ion Ratio Lower Upper
 164 100
 162 102.2 83.2 124.8
 160 47.1 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

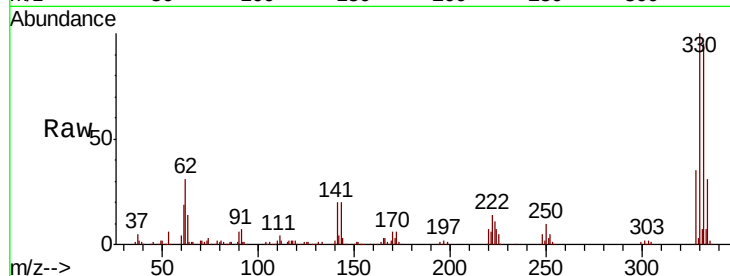




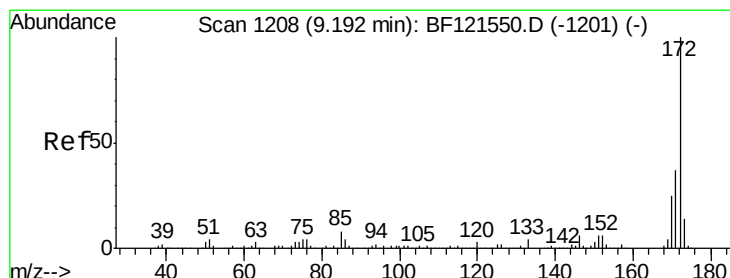
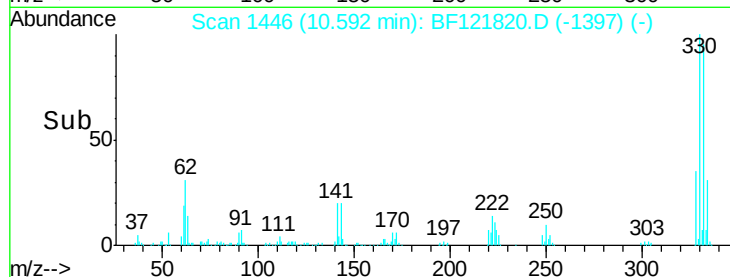
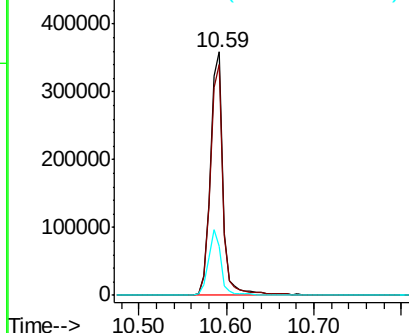
#42
 2,4,6-Tribromophenol
 Concen: 116.981 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121820.D
 Acq: 5 Oct 2020 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	27.6	22.3	33.5

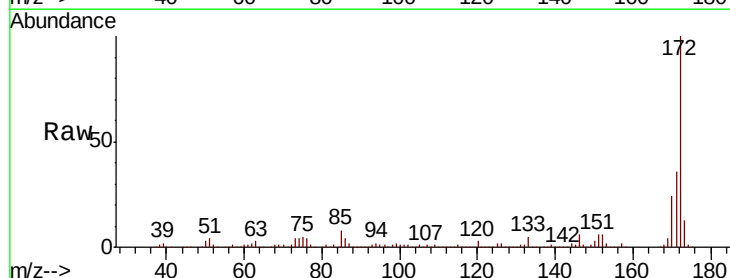


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

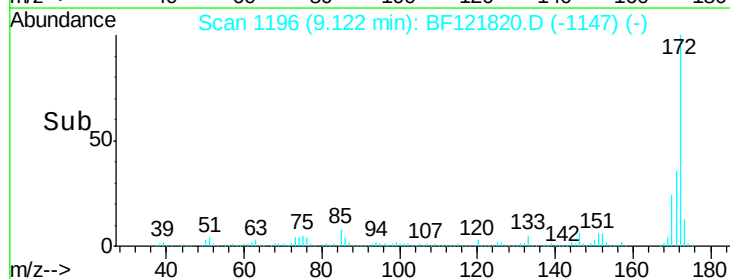
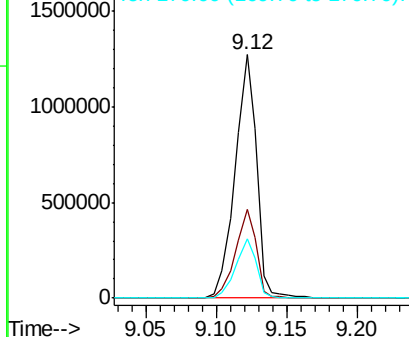


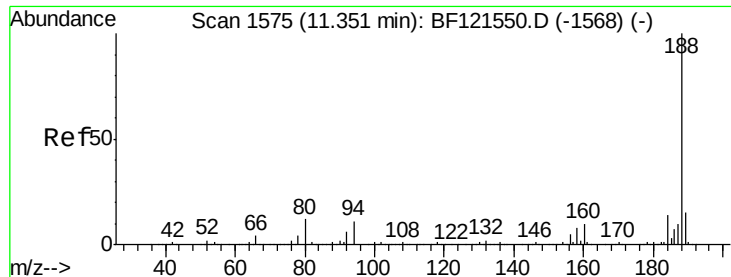
#45
 2-Fluorobiphenyl
 Concen: 82.071 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121820.D
 Acq: 5 Oct 2020 16:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	24.3	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: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

Instrument :

BNA_F

ClientSampleId :

PB132087BL

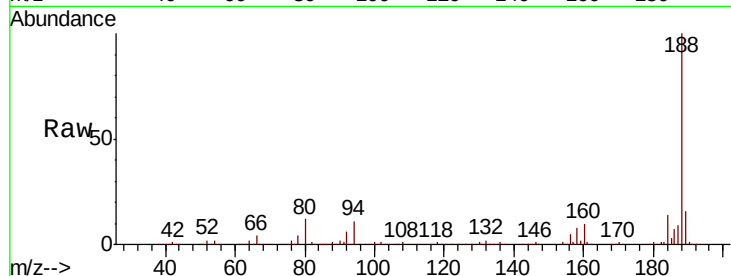
Tot Ion:188 Resp: 493255

Ion Ratio Lower Upper

188 100

94 11.2 8.3 12.5

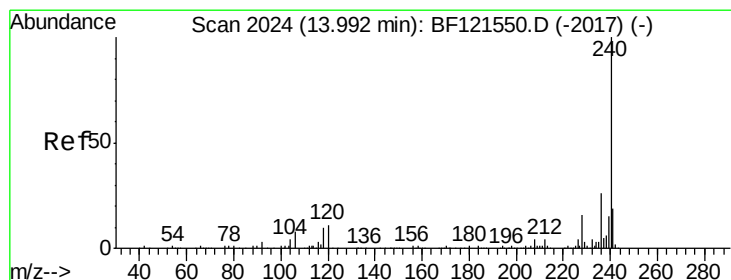
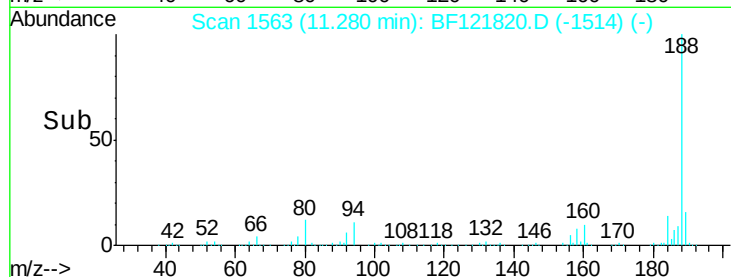
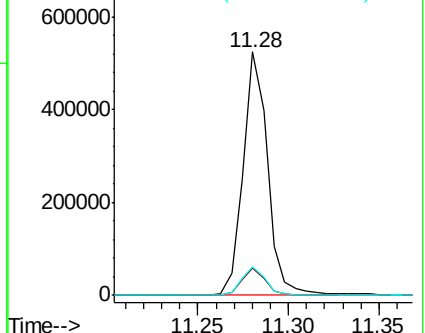
80 11.6 9.1 13.7



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: BF121820.D

Acq: 5 Oct 2020 16:40

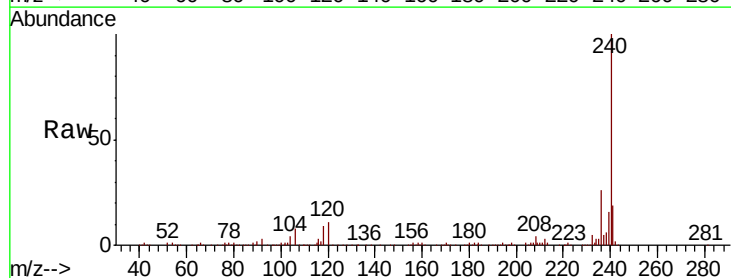
Tgt Ion:240 Resp: 447928

Ion Ratio Lower Upper

240 100

120 11.2 9.2 13.8

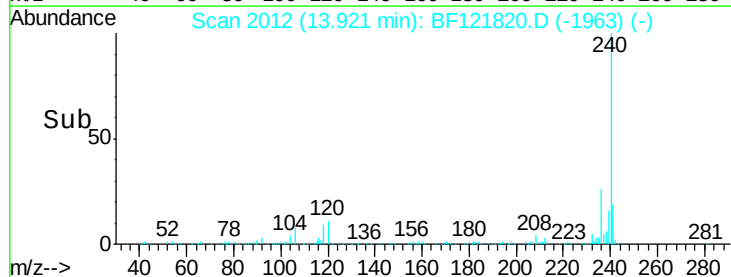
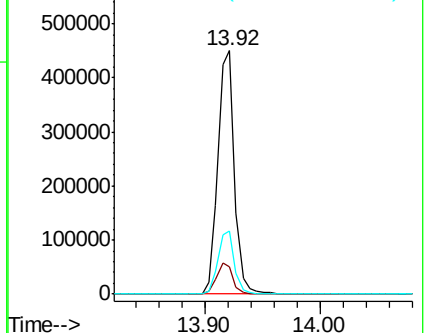
236 25.7 20.9 31.3

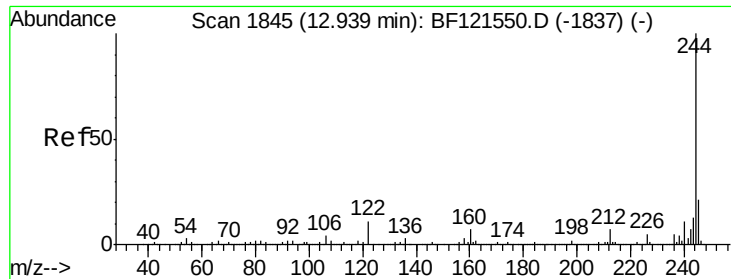


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.941 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

Instrument :

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ClientSampleId :

PB132087BL

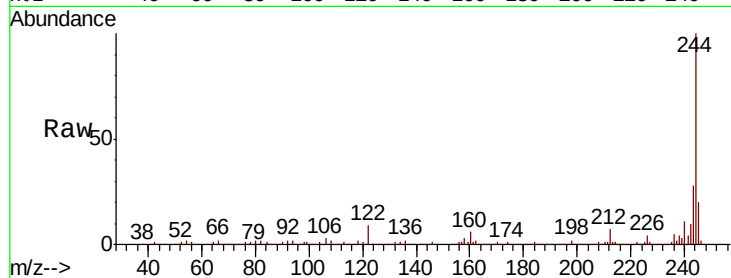
Tot Ion:244 Resp: 1634847

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

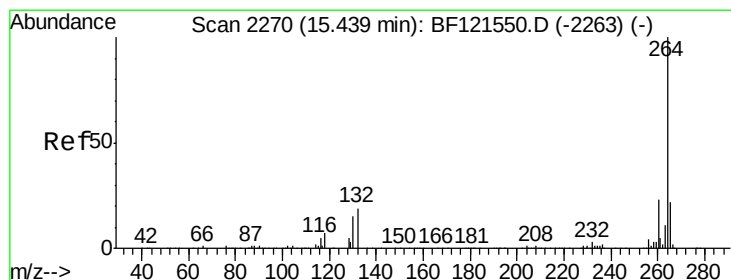
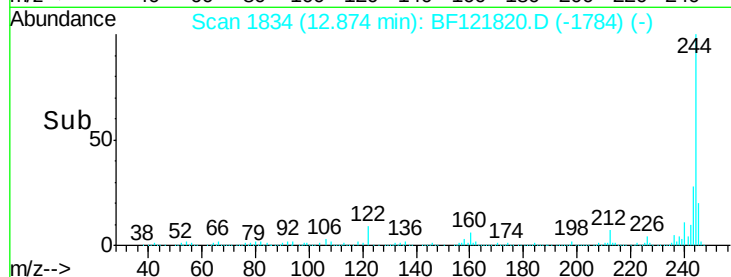
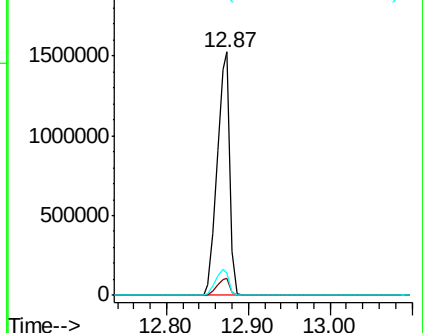
122 9.3 8.1 12.1



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: BF121820.D

Acq: 5 Oct 2020 16:40

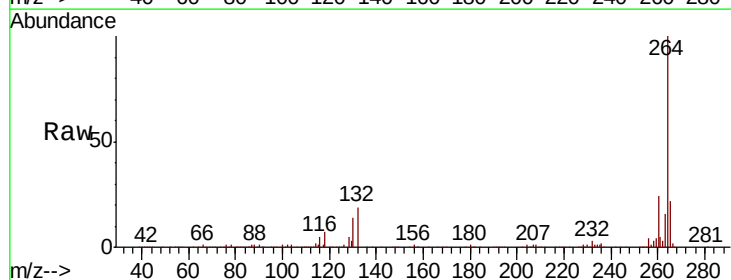
Tgt Ion:264 Resp: 422876

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.5 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

