

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
 Data File : BF121186.D
 Acq On : 5 Aug 2020 10:57
 Operator : JU/CG
 Sample : PB130683BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BL

Quant Time: Aug 05 11:32:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140863	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	545471	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	282842	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	550410	20.00	ng	0.00
76) Chrysene-d12	13.96	240	470554	20.00	ng	0.00
86) Perylene-d12	15.41	264	457659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	917187	106.74	ng	0.00
7) Phenol-d6	6.43	99	1114612	100.42	ng	-0.01
23) Nitrobenzene-d5	7.36	82	756389	80.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	351099	113.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1373341	72.49	ng	0.00
79) Terphenyl-d14	12.91	244	1401946	64.76	ng	0.00

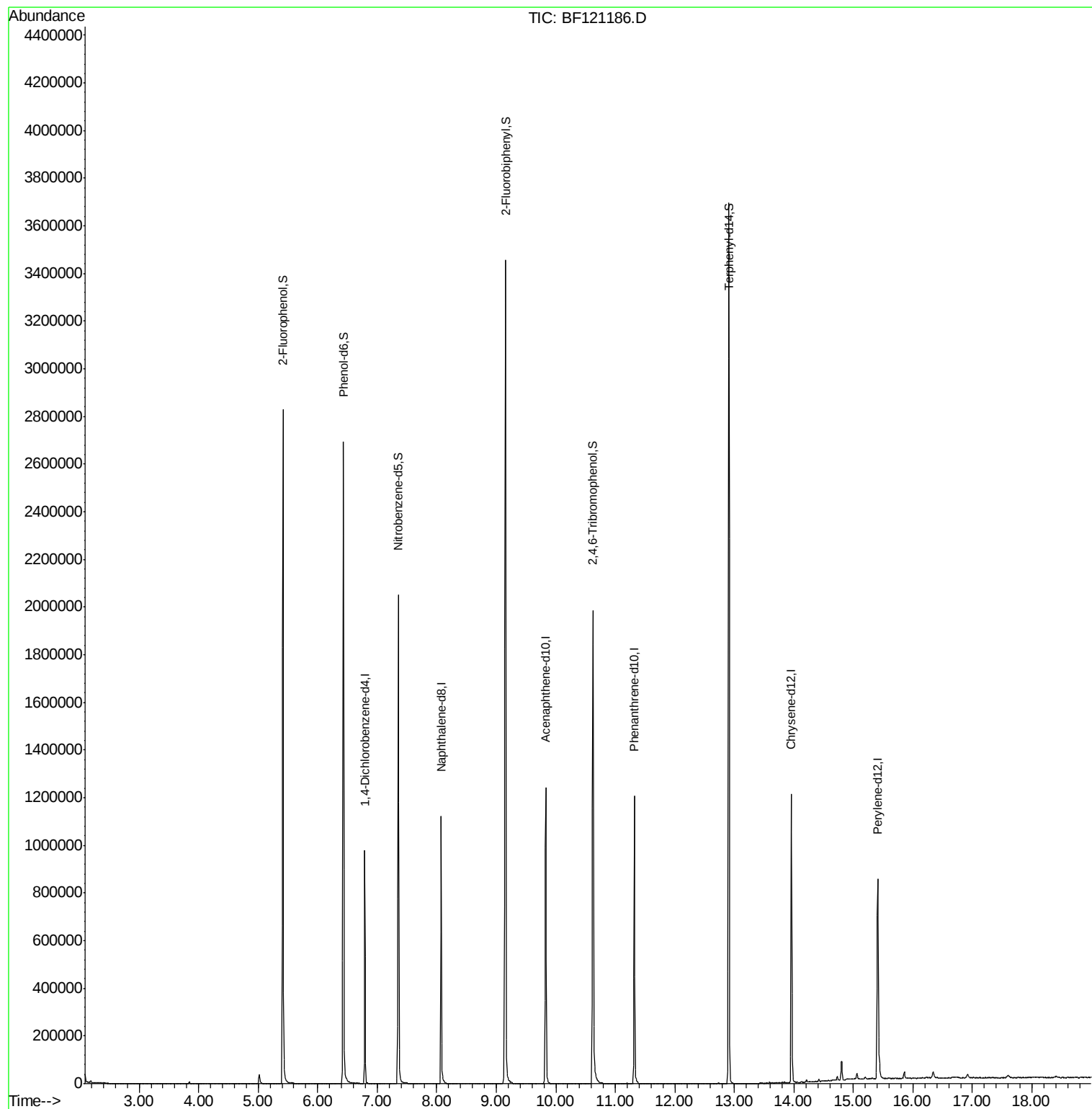
Target Compounds Qvalue

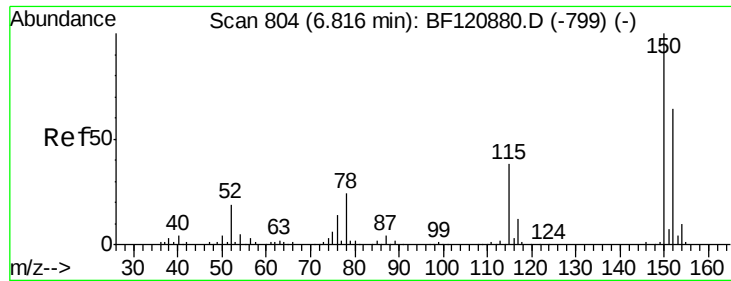
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121186.D

Acq: 5 Aug 2020 10:57

Instrument :

BNA_F

ClientSampleId :

PB130683BL

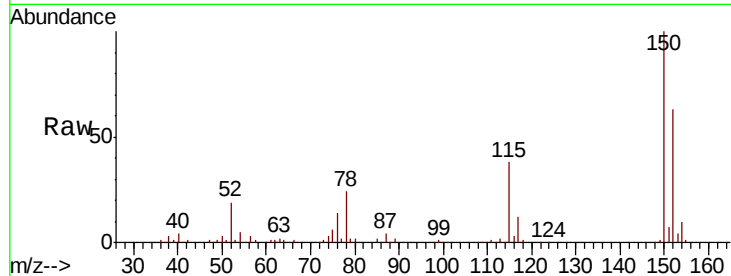
Tot Ion:152 Resp: 140863

Ion Ratio Lower Upper

152 100

150 158.1 125.6 188.4

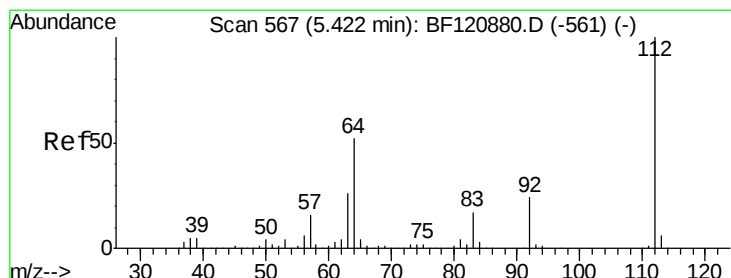
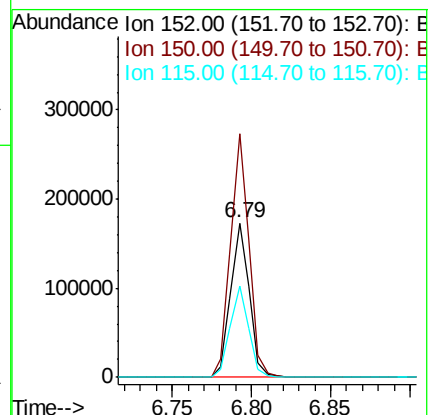
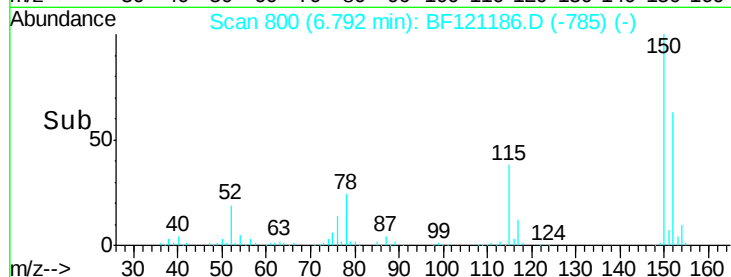
115 59.5 46.2 69.2



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: 106.742 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121186.D

Acq: 5 Aug 2020 10:57

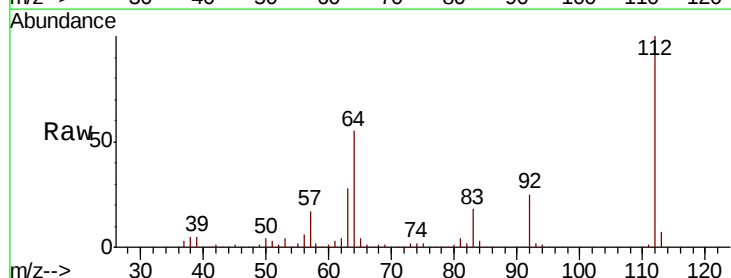
Tgt Ion:112 Resp: 917187

Ion Ratio Lower Upper

112 100

64 55.3 43.9 65.9

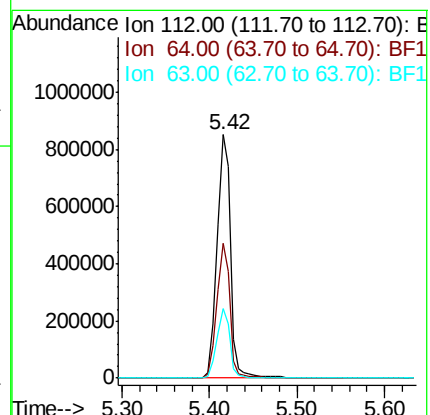
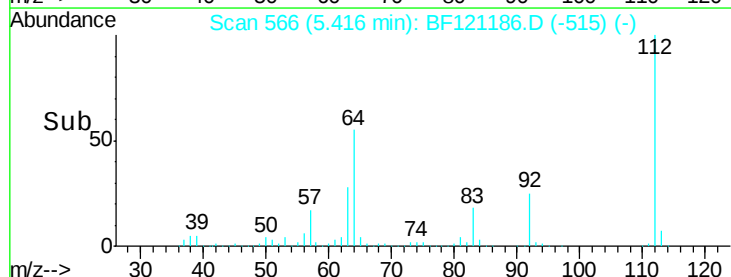
63 28.5 22.7 34.1

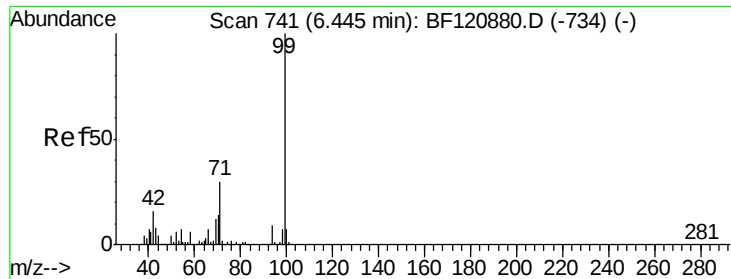


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.421 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121186.D

Acq: 5 Aug 2020 10:57

Instrument :

BNA_F

ClientSampleId :

PB130683BL

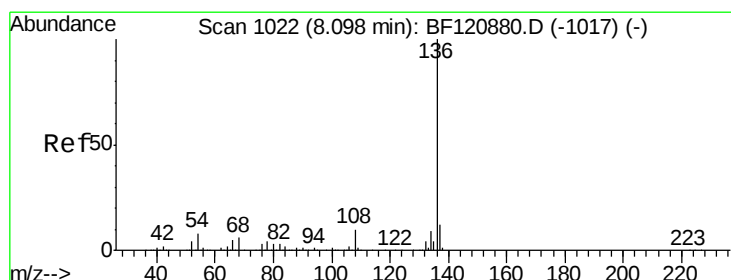
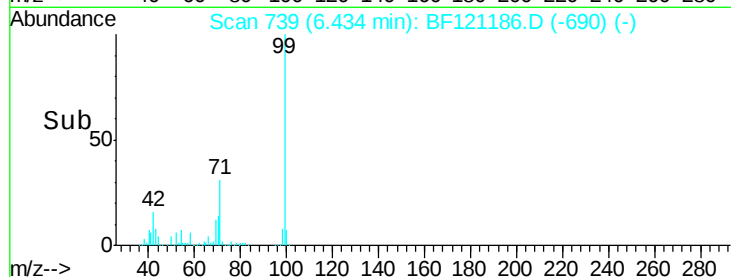
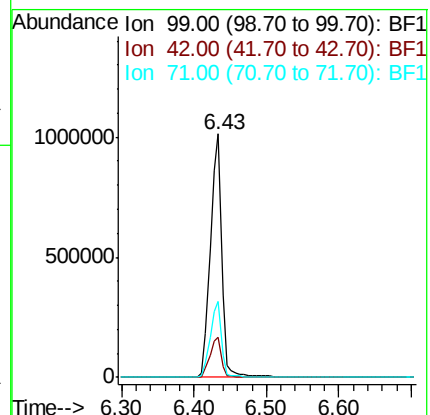
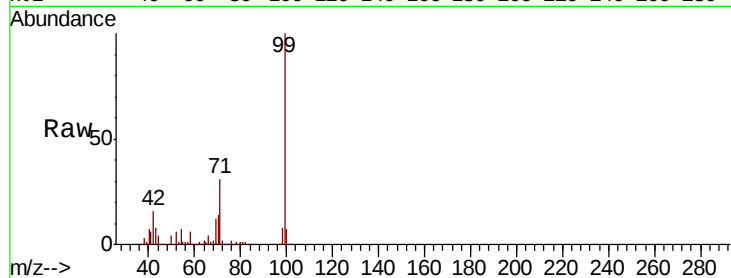
Tot Ion: 99 Resp: 1114612

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 31.1 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121186.D

Acq: 5 Aug 2020 10:57

Tgt Ion: 136 Resp: 545471

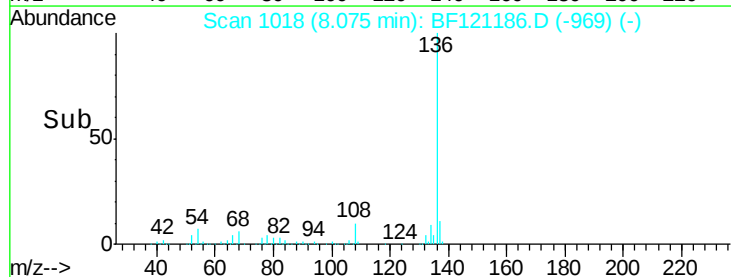
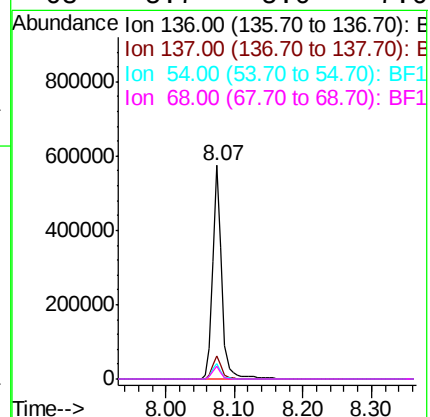
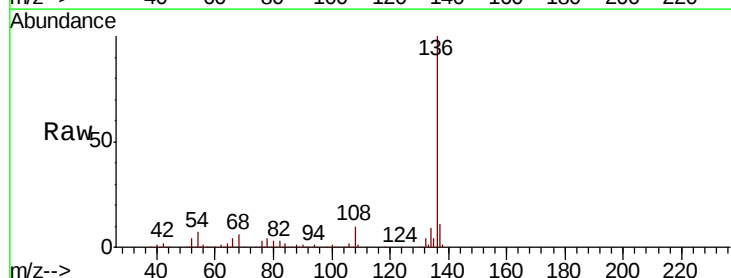
Ion Ratio Lower Upper

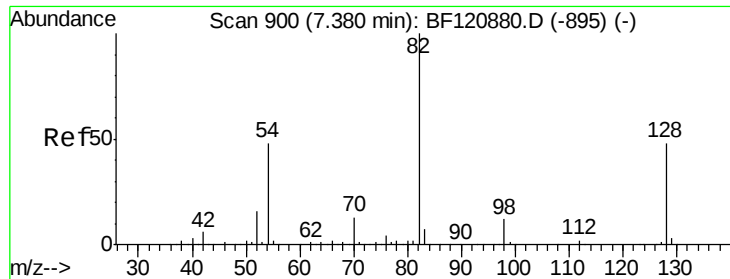
136 100

137 10.9 9.0 13.4

54 7.4 6.1 9.1

68 5.7 5.0 7.6

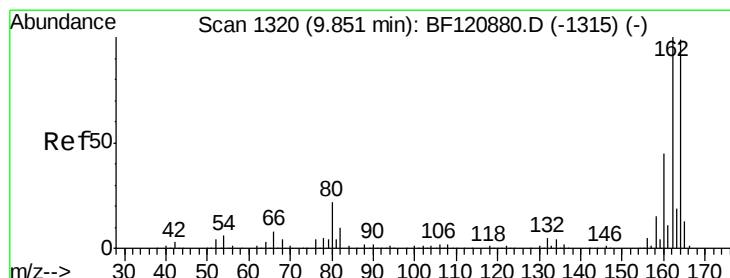
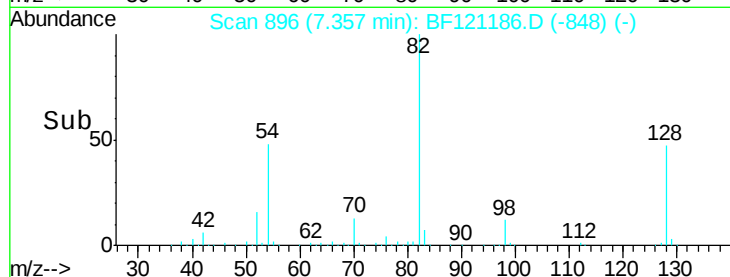
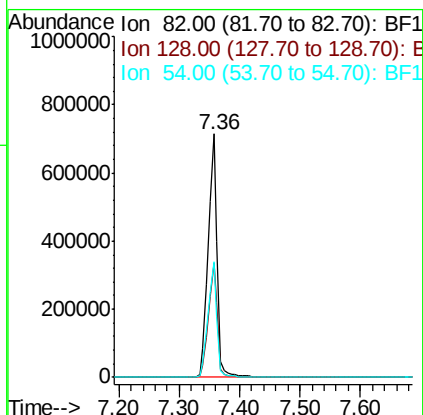
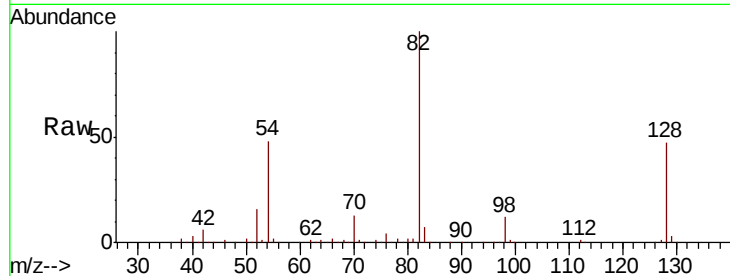




#23
Nitrobenzene-d5
Concen: 80.237 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

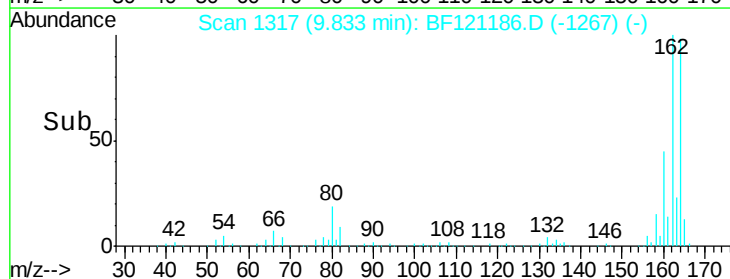
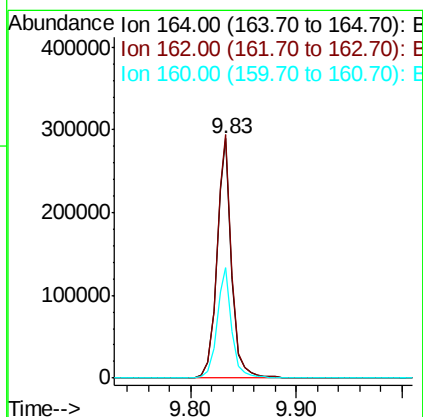
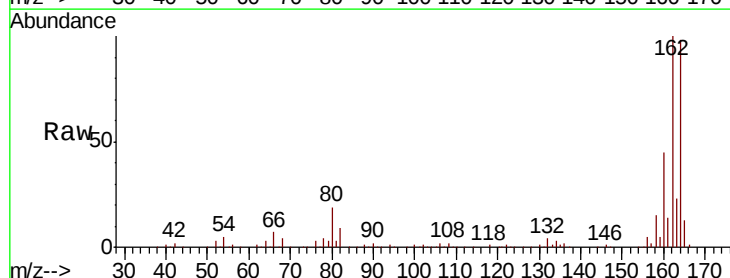
Instrument :
BNA_F
ClientSampleId :
PB130683BL

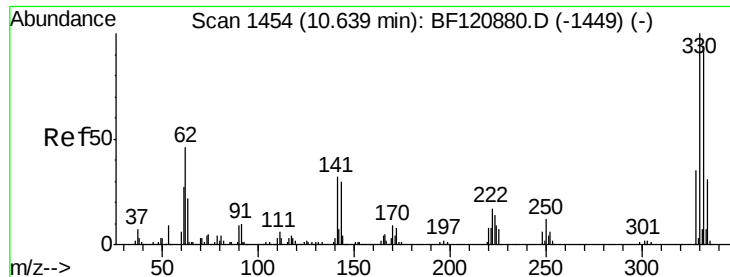
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	39.2	58.8
54	47.5	37.8	56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121186.D
Acq: 5 Aug 2020 10:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	46.1	37.2	55.8

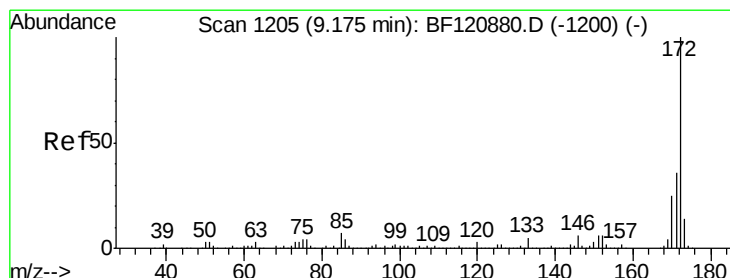
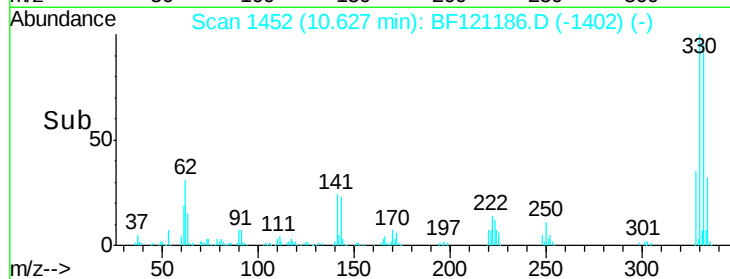
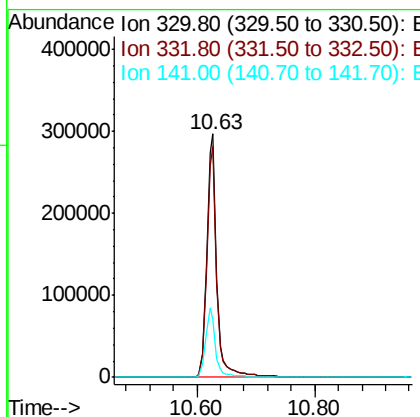
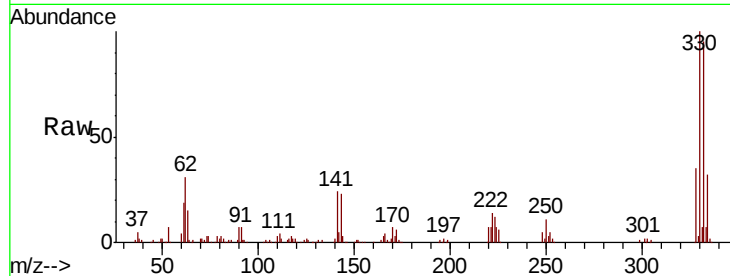




#42
 2,4,6-Tribromophenol
 Concen: 113.405 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121186.D
 Acq: 5 Aug 2020 10:57

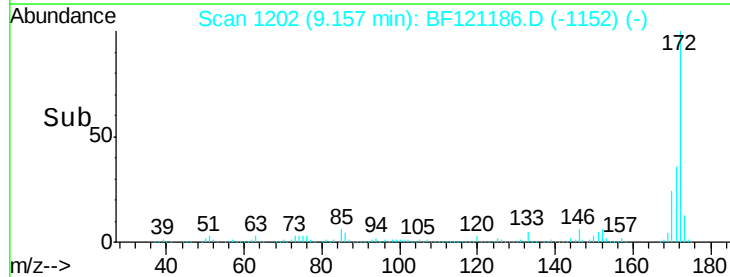
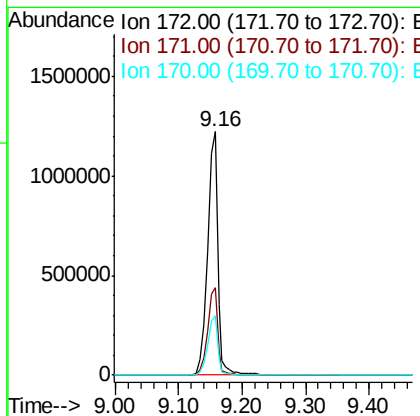
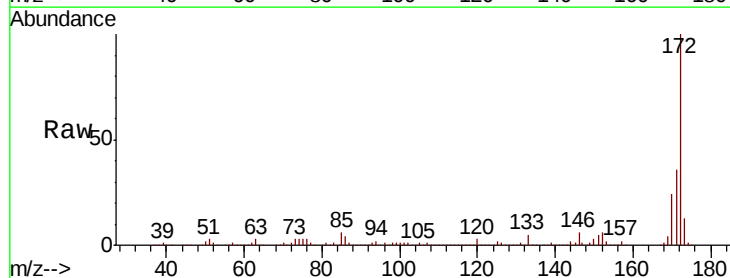
Instrument :
 BNA_F
 ClientSampleId :
 PB130683BL

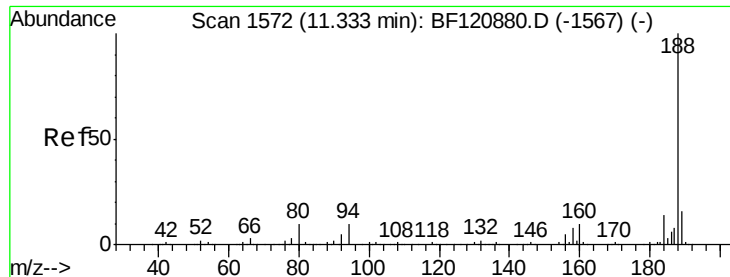
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.1	114.1
141	29.2	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 72.495 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121186.D
 Acq: 5 Aug 2020 10:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.1	19.6	29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121186.D

Acq: 5 Aug 2020 10:57

Instrument :

BNA_F

ClientSampleId :

PB130683BL

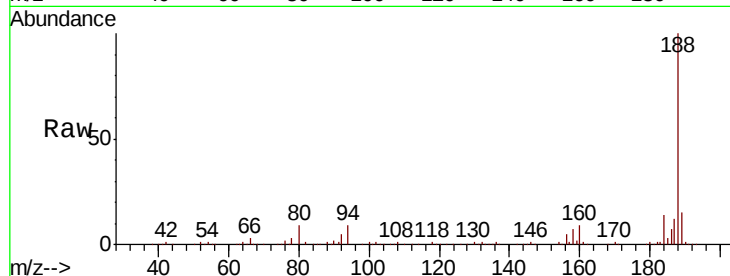
Tot Ion:188 Resp: 550410

Ion Ratio Lower Upper

188 100

94 8.5 8.0 12.0

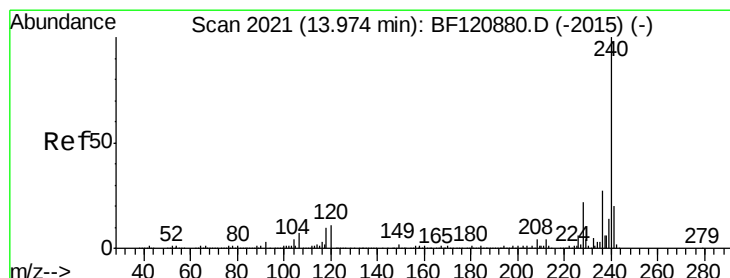
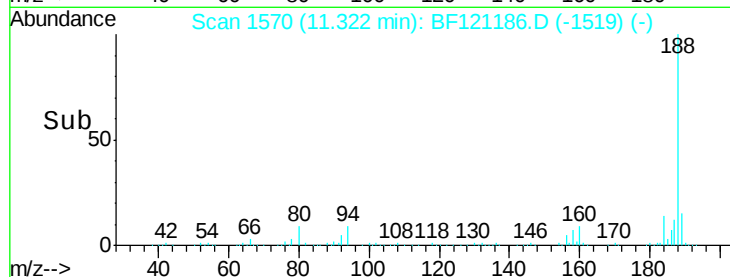
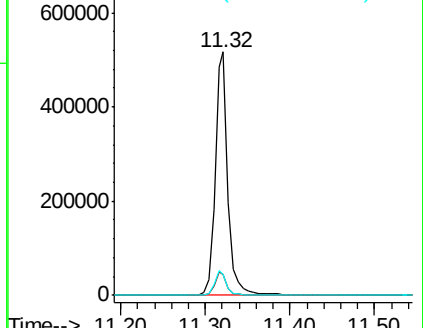
80 8.5 8.3 12.5



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: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF121186.D

Acq: 5 Aug 2020 10:57

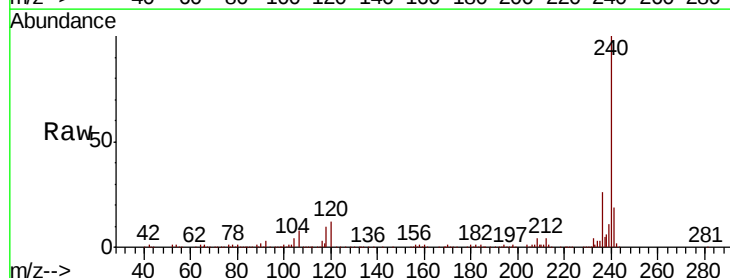
Tgt Ion:240 Resp: 470554

Ion Ratio Lower Upper

240 100

120 12.1 9.3 13.9

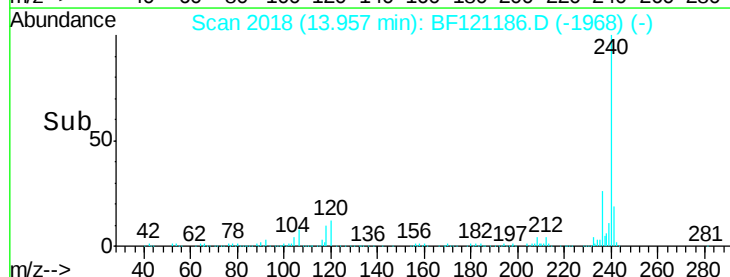
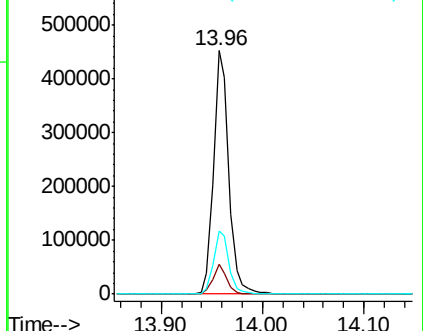
236 26.2 21.1 31.7

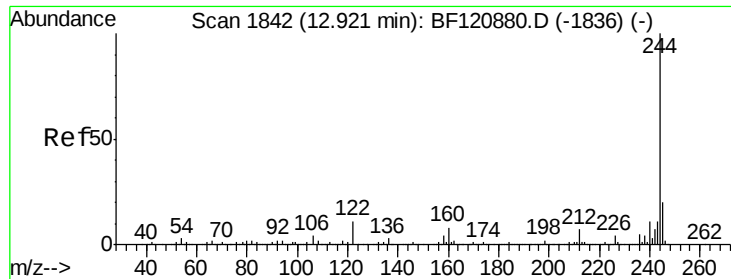


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

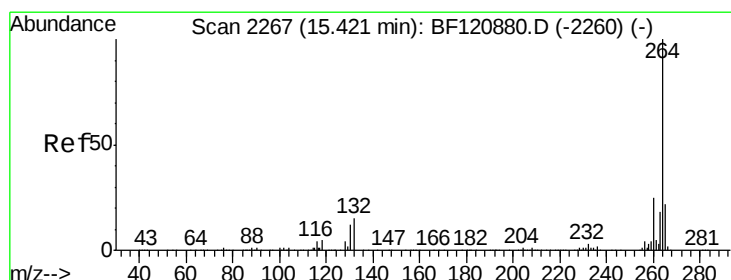
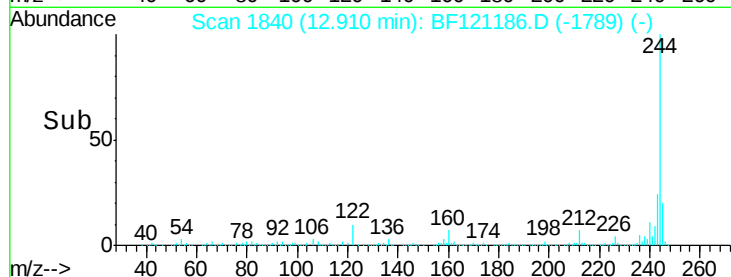
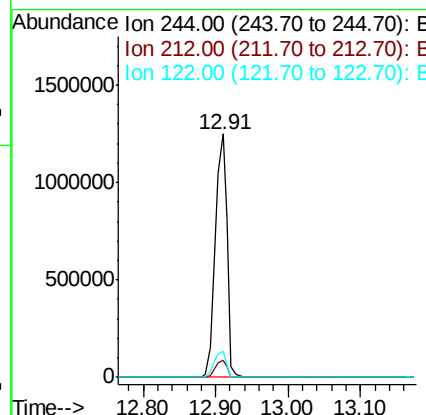
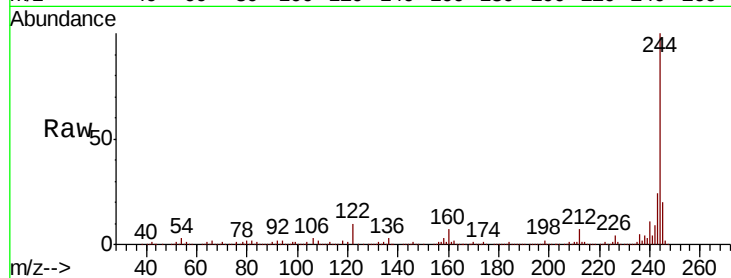




#79
 Terphenyl-d14
 Concen: 64.765 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121186.D
 Acq: 5 Aug 2020 10:57

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BL

Tot Ion:244 Resp: 1401946
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121186.D
 Acq: 5 Aug 2020 10:57

Tgt Ion:264 Resp: 457659
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 21.7 17.8 26.8

