

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119960.D
 Acq On : 14 Apr 2020 18:29
 Operator : MA/SJ
 Sample : L2230-62
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-19

Quant Time: Apr 14 19:15:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

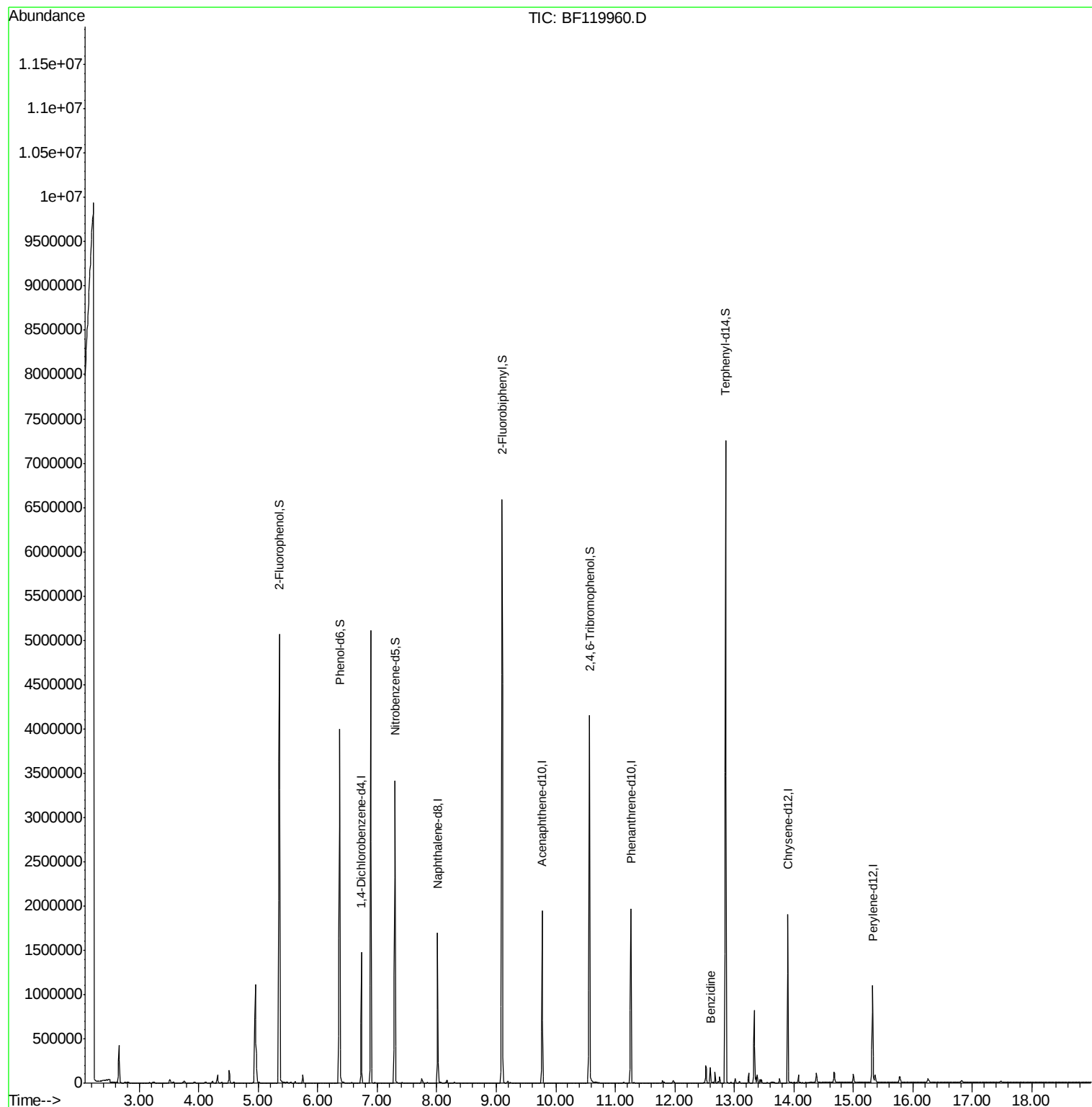
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	198183	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	762375	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	406502	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	810280	20.00	ng	0.00
76) Chrysene-d12	13.90	240	614957	20.00	ng	-0.01
87) Perylene-d12	15.32	264	475873	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1467498	127.97	ng	0.02
7) Phenol-d6	6.37	99	1695789	114.76	ng	0.00
23) Nitrobenzene-d5	7.30	82	1286182	87.28	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	585945	117.73	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2362674	82.52	ng	0.00
79) Terphenyl-d14	12.86	244	2903150	79.44	ng	0.00
Target Compounds						
77) Benzidine	12.60	184	67072	3.227	ng	Qvalue 99

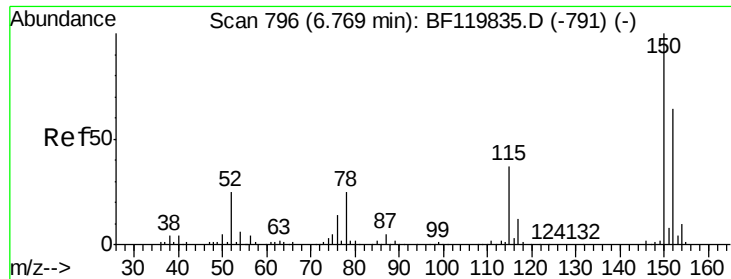
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119960.D
Acq On : 14 Apr 2020 18:29
Operator : MA/SJ
Sample : L2230-62
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11-19

Quant Time: Apr 14 19:15:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 12:44:44 2020
Response via : Initial Calibration



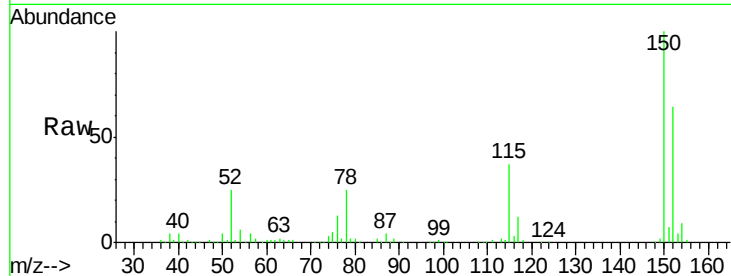


#1

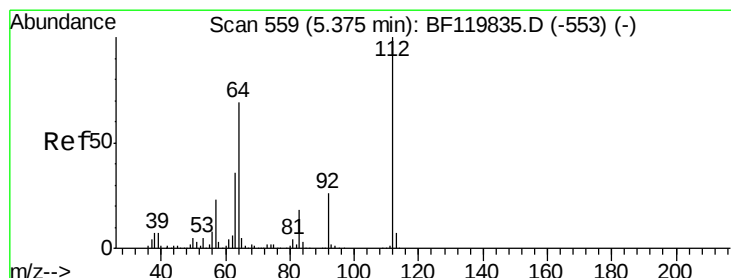
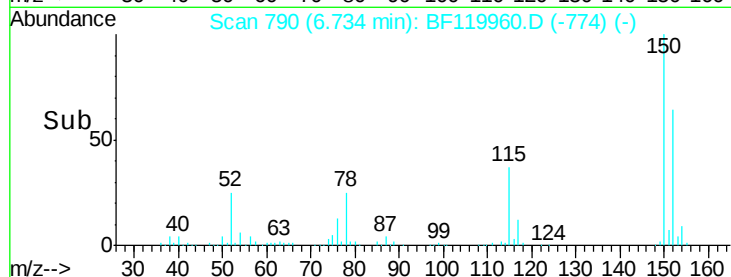
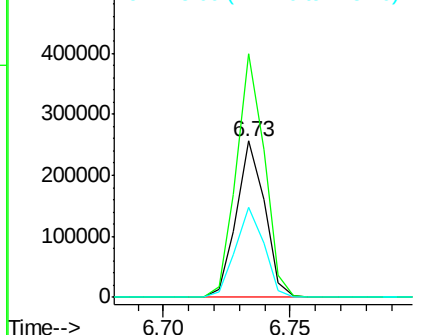
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119960.D
Acq: 14 Apr 2020 18:29

Instrument :
BNA_F
ClientSampleId :
TP-11-19

Tot Ion:152 Resp: 198183
Ion Ratio Lower Upper
152 100
150 155.6 124.8 187.2
115 57.2 46.5 69.7



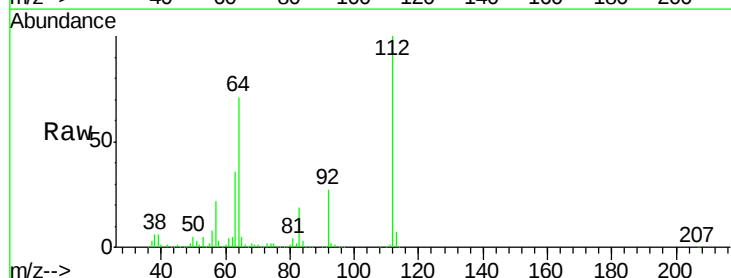
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



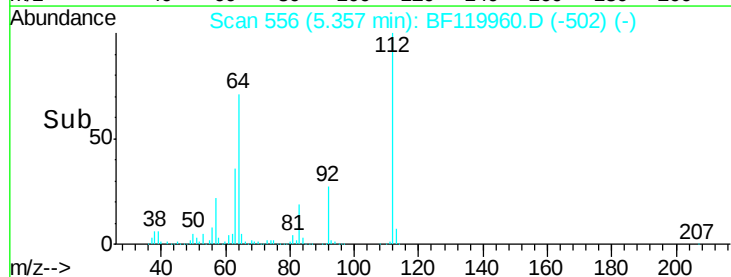
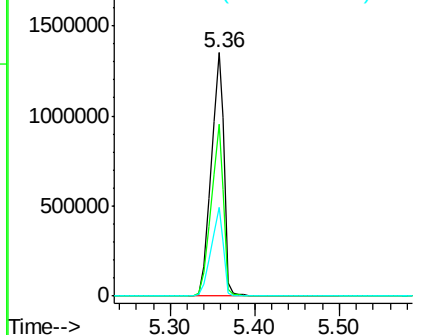
#5

2-Fluorophenol
Concen: 127.968 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF119960.D
Acq: 14 Apr 2020 18:29

Tgt Ion:112 Resp: 1467498
Ion Ratio Lower Upper
112 100
64 70.6 55.5 83.3
63 36.2 29.1 43.7



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: 114.761 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119960.D

Acq: 14 Apr 2020 18:29

Instrument :

BNA_F

ClientSampleId :

TP-11-19

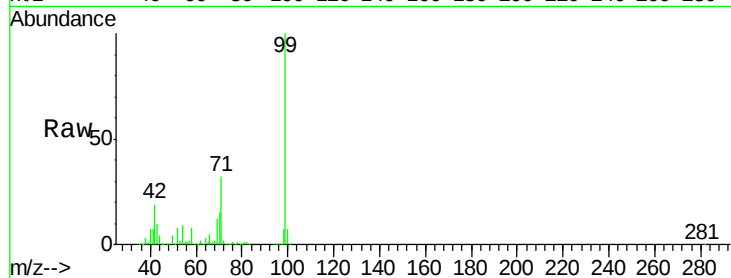
Tot Ion: 99 Resp: 1695789

Ion Ratio Lower Upper

99 100

42 19.2 16.9 25.3

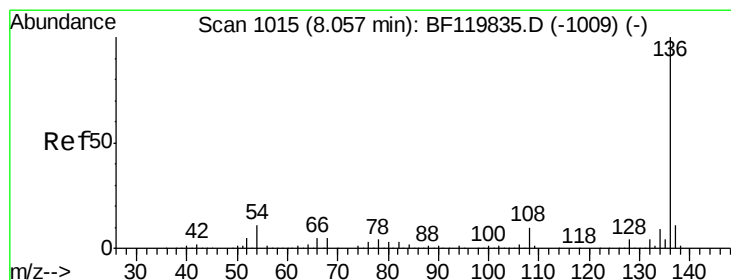
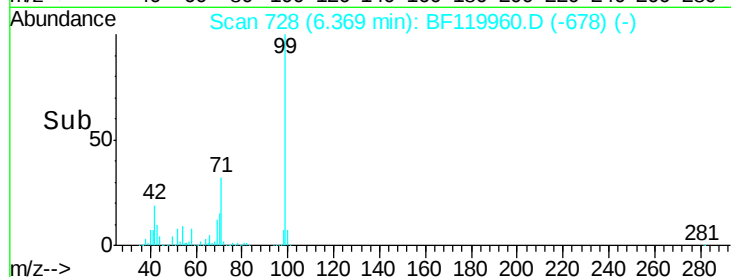
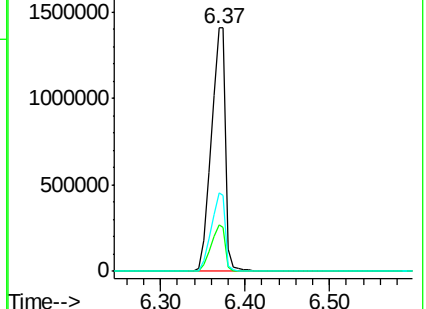
71 32.3 26.3 39.5



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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119960.D

Acq: 14 Apr 2020 18:29

Tgt Ion: 136 Resp: 762375

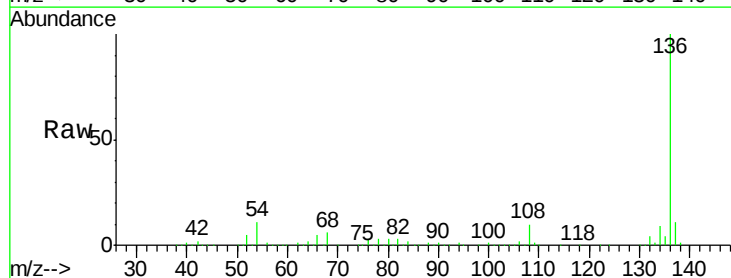
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.6 8.5 12.7

68 6.0 3.9 5.9#

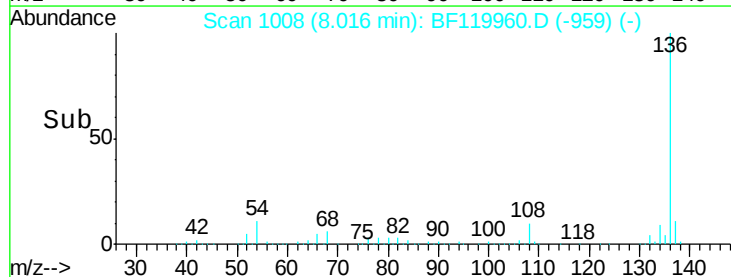
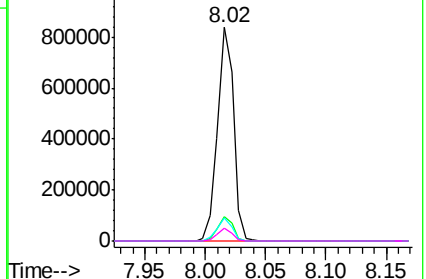


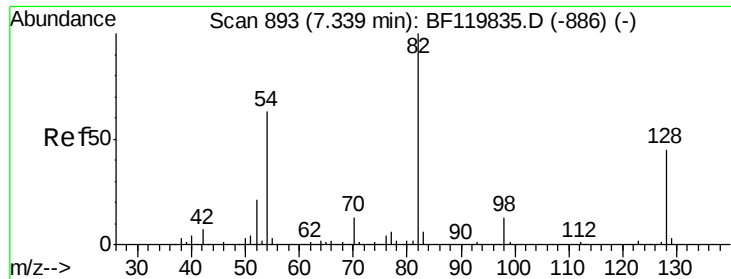
Abundance Ion 136.00 (135.70 to 136.70): E

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



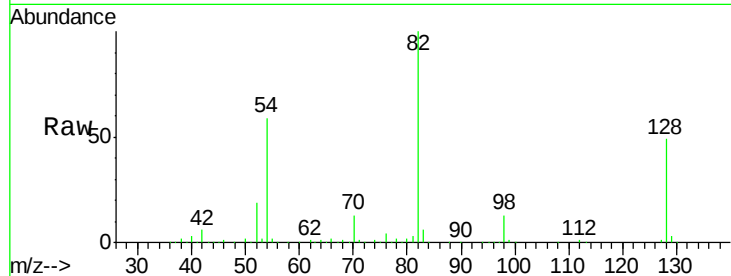


#23
 Nitrobenzene-d5
 Concen: 87.278 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119960.D
 Acq: 14 Apr 2020 18:29

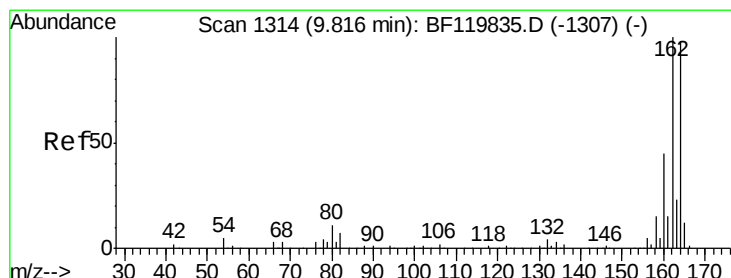
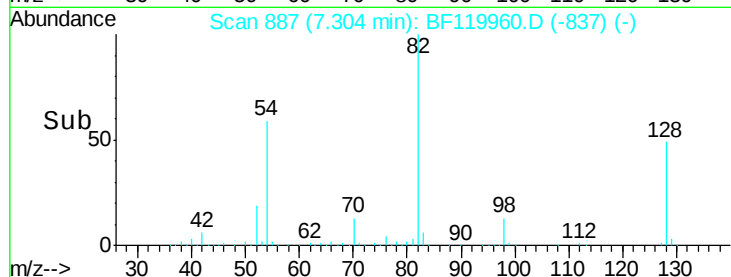
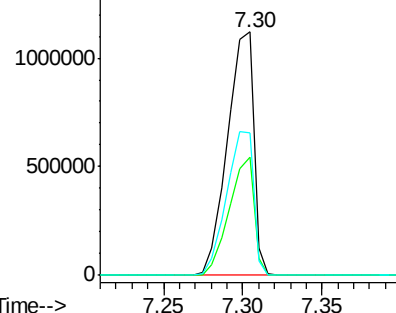
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-19

Tot Ion: 82 Resp: 1286182

Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.2	54.4
54	58.7	50.4	75.6



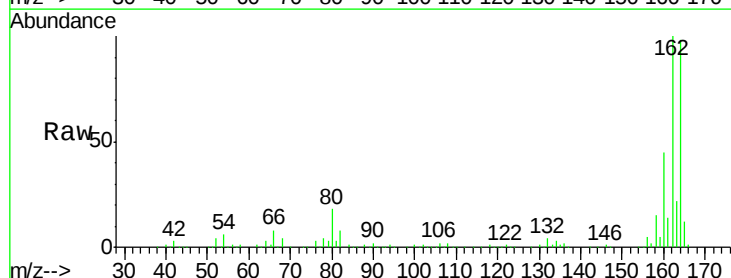
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



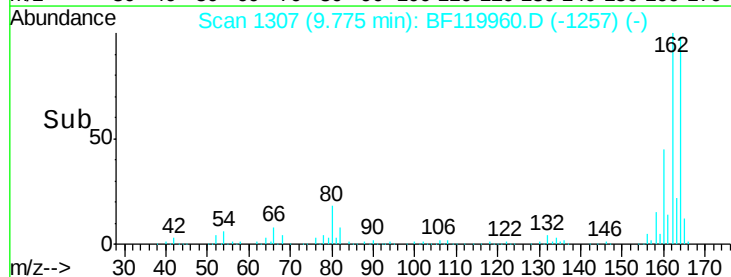
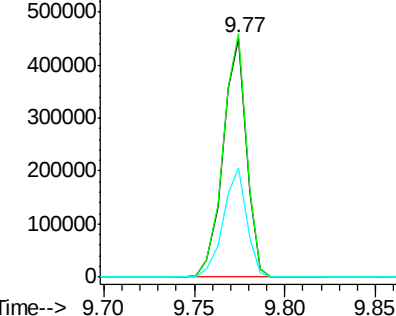
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119960.D
 Acq: 14 Apr 2020 18:29

Tgt Ion: 164 Resp: 406502

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.9	122.9
160	45.6	36.6	54.8



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

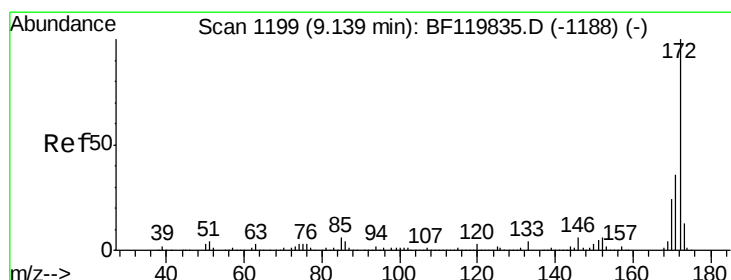
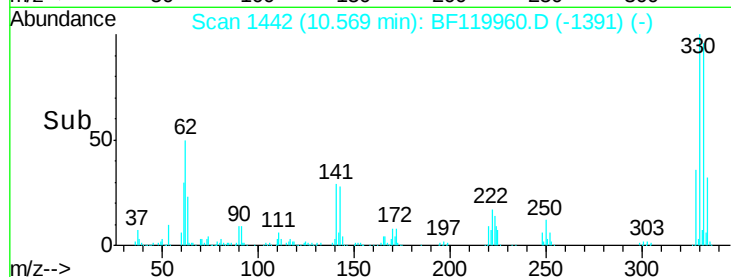
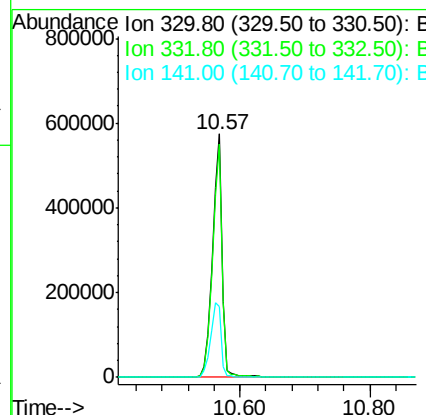
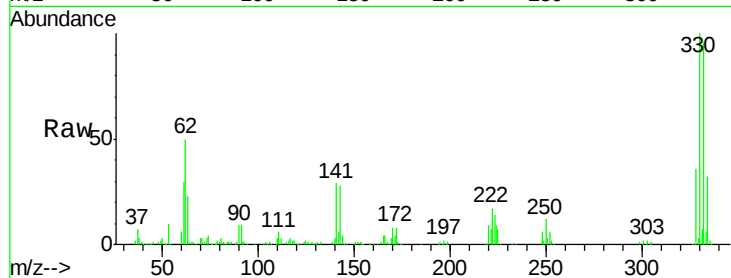




#42
 2,4,6-Tribromophenol
 Concen: 117.731 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119960.D
 Acq: 14 Apr 2020 18:29

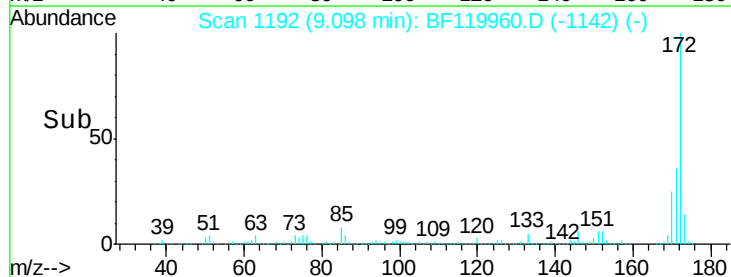
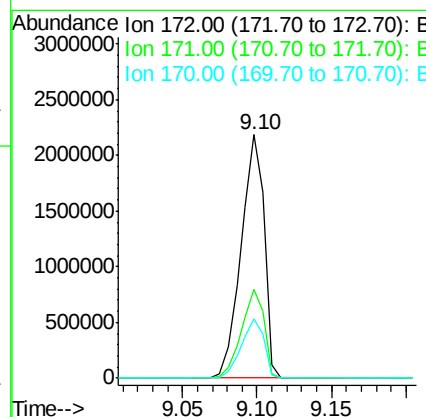
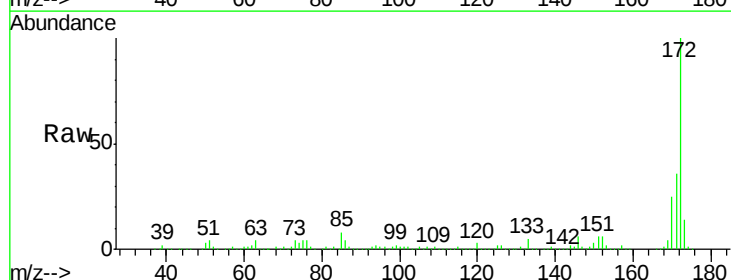
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-19

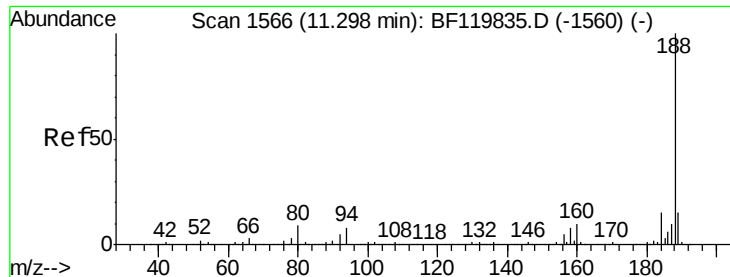
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	33.3	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 82.521 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119960.D
 Acq: 14 Apr 2020 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	19.4	29.2

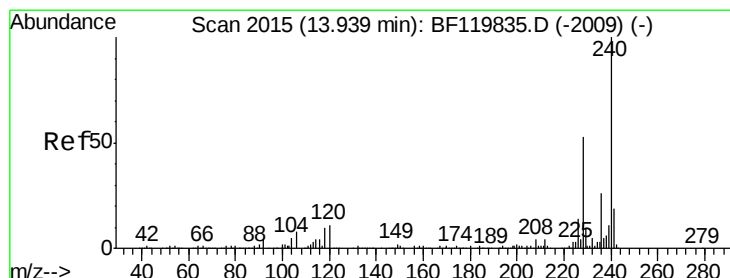
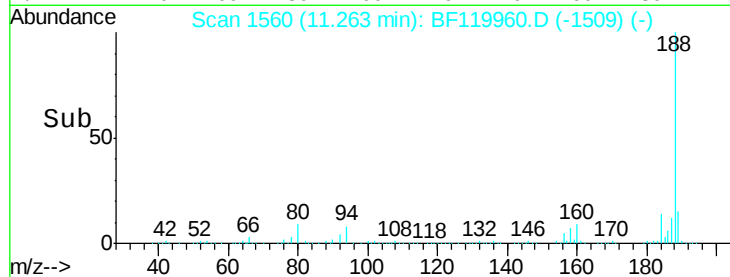
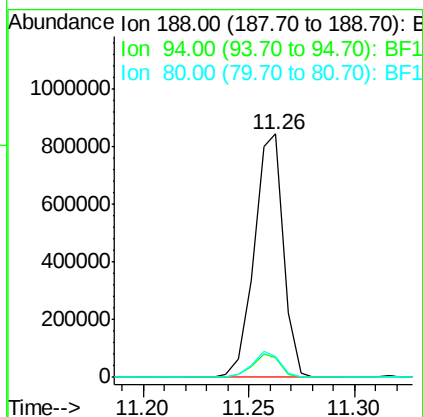
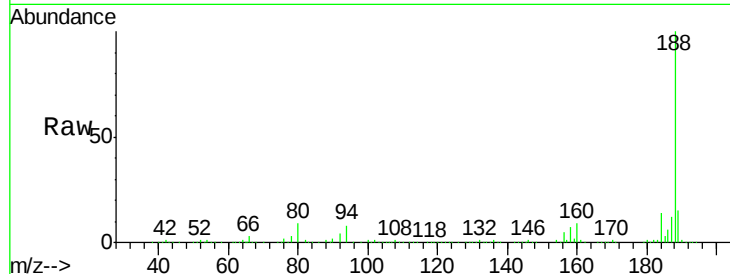




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119960.D
Acq: 14 Apr 2020 18:29

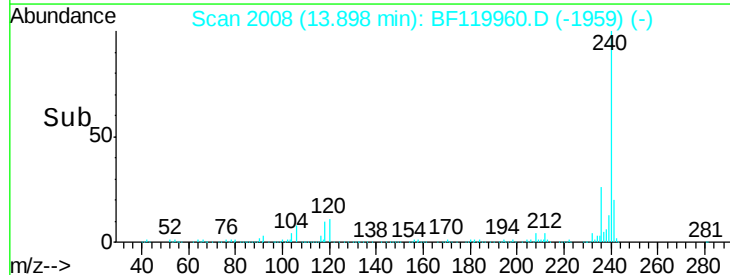
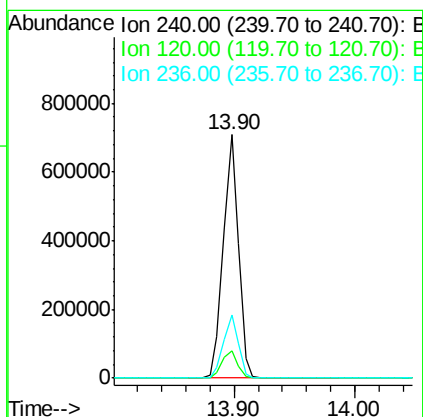
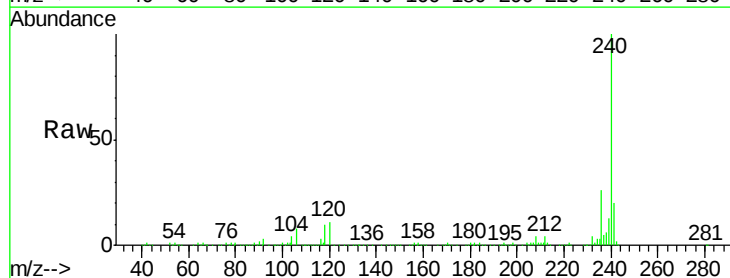
Instrument :
BNA_F
ClientSampled :
TP-11-19

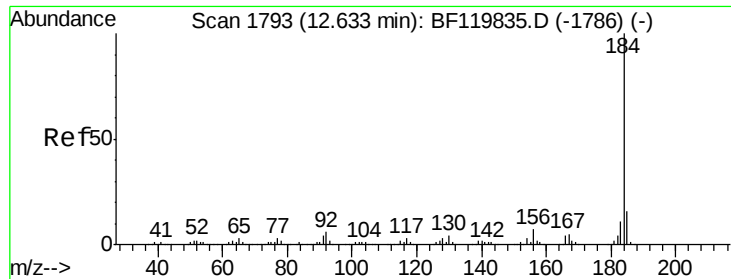
Tot Ion:188 Resp: 810280
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.7 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119960.D
Acq: 14 Apr 2020 18:29

Tgt Ion:240 Resp: 614957
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.6
236 25.8 20.7 31.1





#77

Benzidine

Concen: 3.227 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF119960.D

Acq: 14 Apr 2020 18:29

Instrument :

BNA_F

ClientSampleId :

TP-11-19

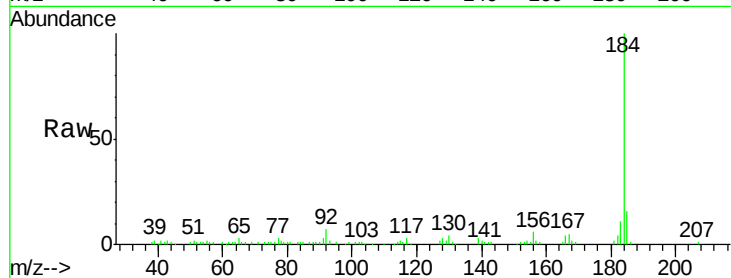
Tot Ion:184 Resp: 67072

Ion Ratio Lower Upper

184 100

185 15.8 13.2 19.8

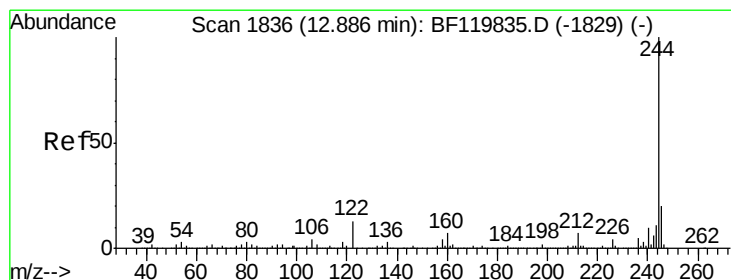
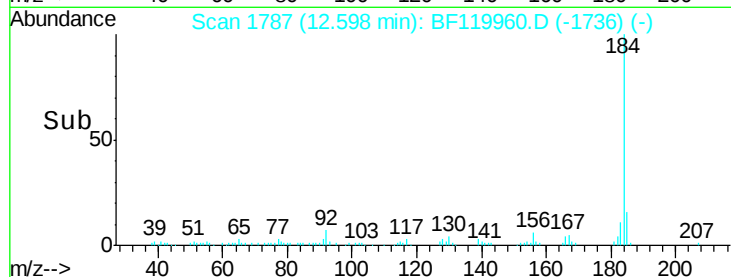
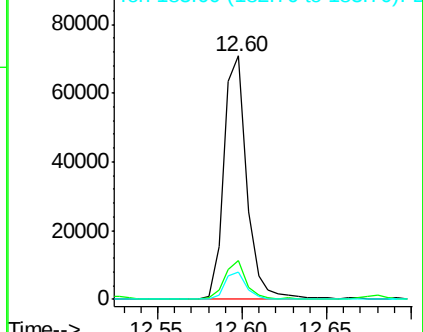
183 11.4 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 79.436 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119960.D

Acq: 14 Apr 2020 18:29

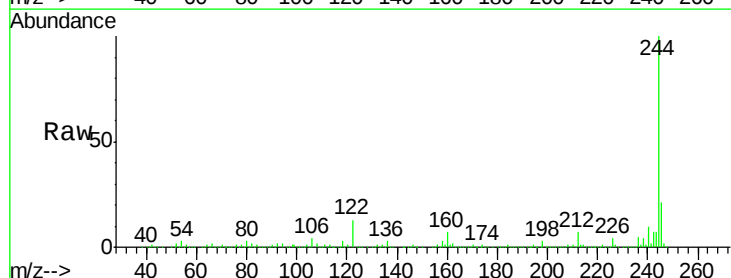
Tgt Ion:244 Resp: 2903150

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

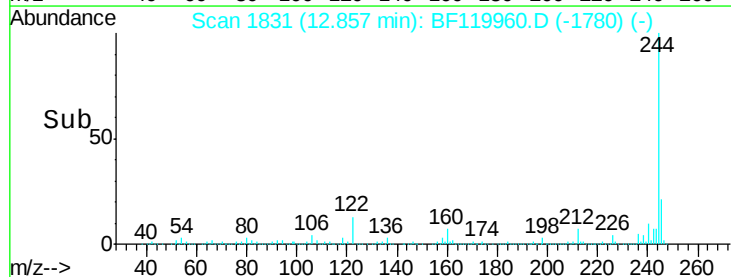
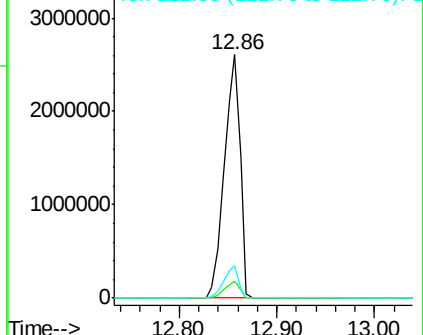
122 13.4 10.3 15.5

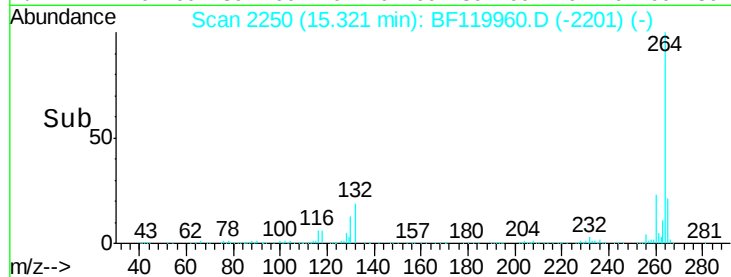
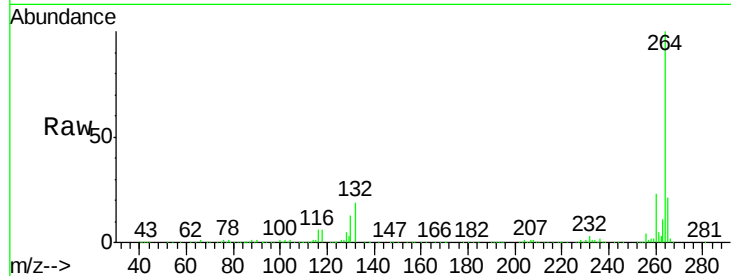
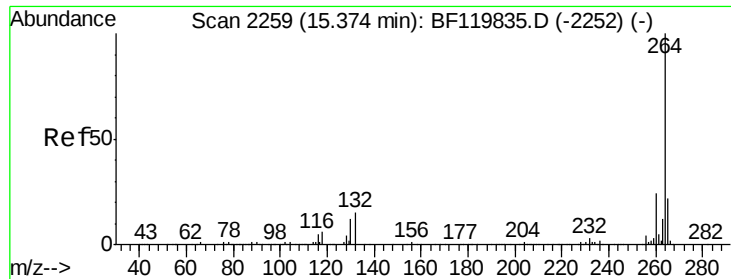


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119960.D
 Acq: 14 Apr 2020 18:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.2	17.6	26.4

