

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119964.D
 Acq On : 14 Apr 2020 20:46
 Operator : MA/SJ
 Sample : L2230-66
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-31-39

Quant Time: Apr 15 03:02:17 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

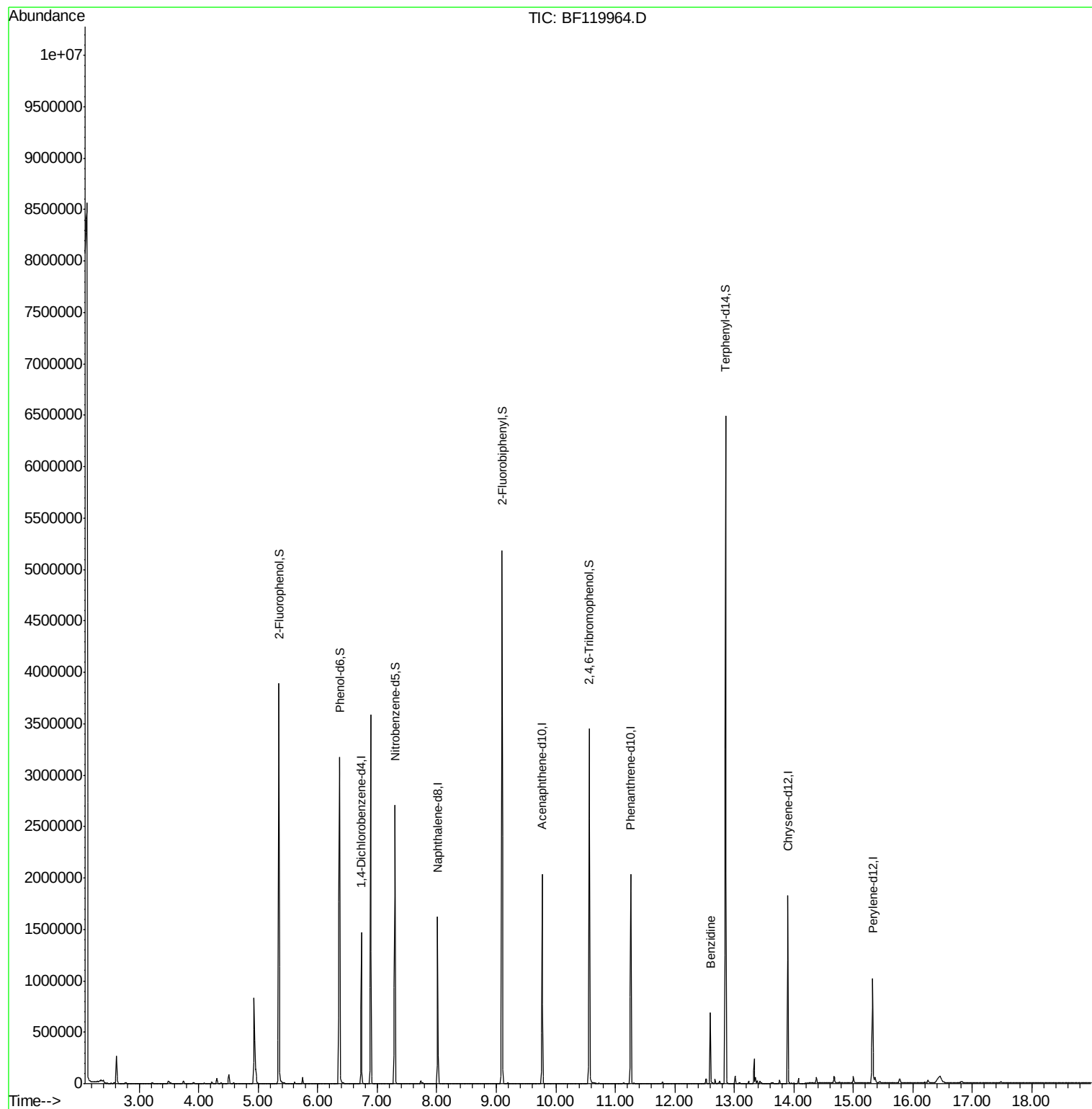
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194238	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	752149	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	401247	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	790264	20.00	ng	0.00
76) Chrysene-d12	13.90	240	599421	20.00	ng	-0.01
87) Perylene-d12	15.32	264	450357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	999535	88.93	ng	0.01
7) Phenol-d6	6.37	99	1161802	80.22	ng	0.00
23) Nitrobenzene-d5	7.30	82	860528	59.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	423951	86.30	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1664188	58.89	ng	0.00
79) Terphenyl-d14	12.86	244	2495645	70.06	ng	0.00
Target Compounds						
77) Benzidine	12.60	184	270285	13.339	ng	Qvalue 96

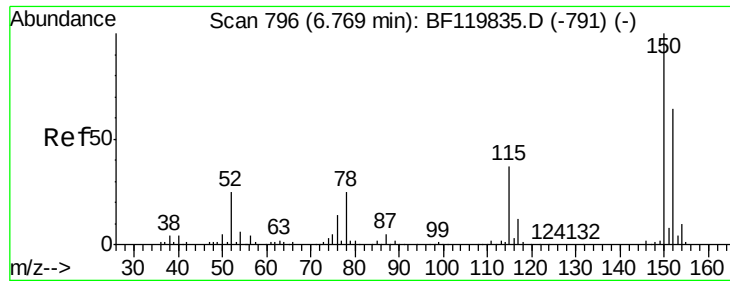
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119964.D
Acq On : 14 Apr 2020 20:46
Operator : MA/SJ
Sample : L2230-66
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-25-31-39

Quant Time: Apr 15 03:02:17 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



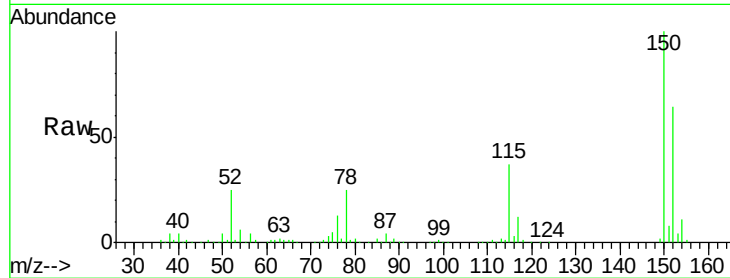


#1

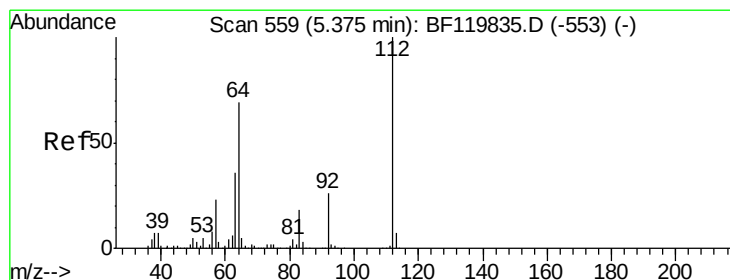
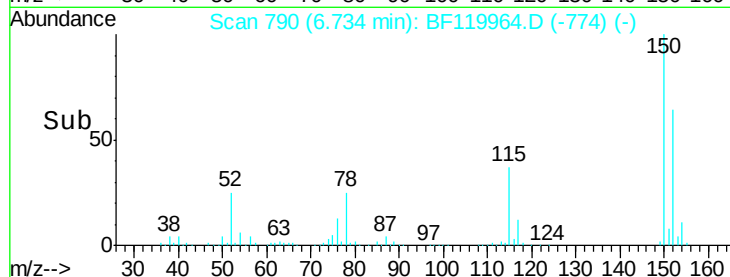
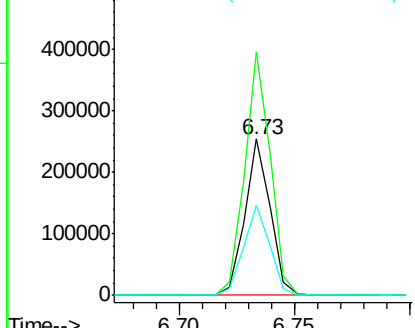
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119964.D
Acq: 14 Apr 2020 20:46

Instrument :
BNA_F
ClientSampleId :
TP-25-31-39

Tot Ion:152 Resp: 194238
Ion Ratio Lower Upper
152 100
150 155.6 124.8 187.2
115 57.6 46.5 69.7



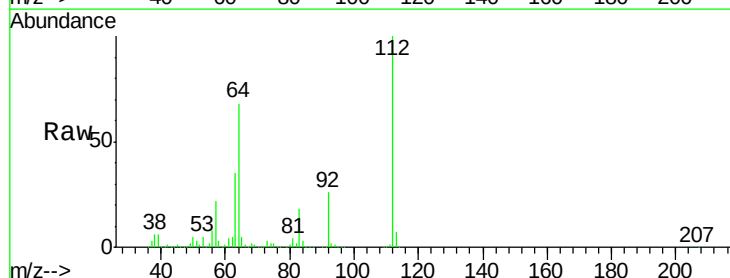
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



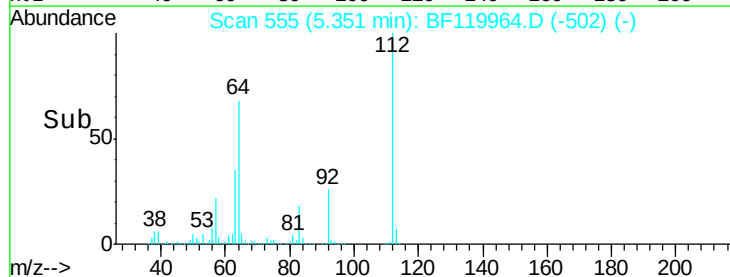
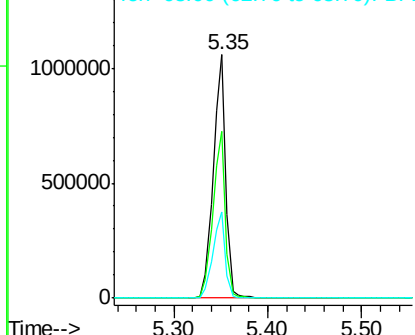
#5

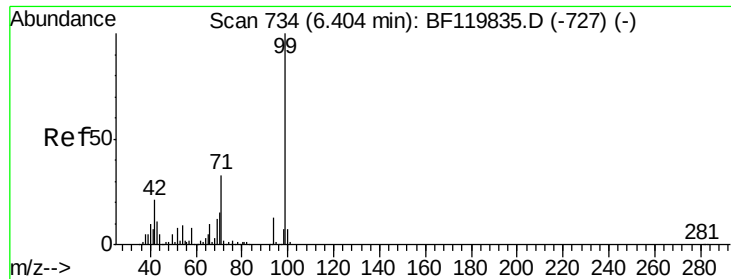
2-Fluorophenol
Concen: 88.931 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF119964.D
Acq: 14 Apr 2020 20:46

Tgt Ion:112 Resp: 999535
Ion Ratio Lower Upper
112 100
64 68.3 55.5 83.3
63 35.3 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: 80.221 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119964.D

Acq: 14 Apr 2020 20:46

Instrument :

BNA_F

ClientSampleId :

TP-25-31-39

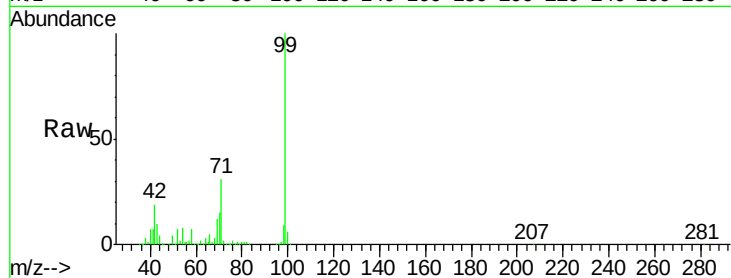
Tot Ion: 99 Resp: 1161802

Ion Ratio Lower Upper

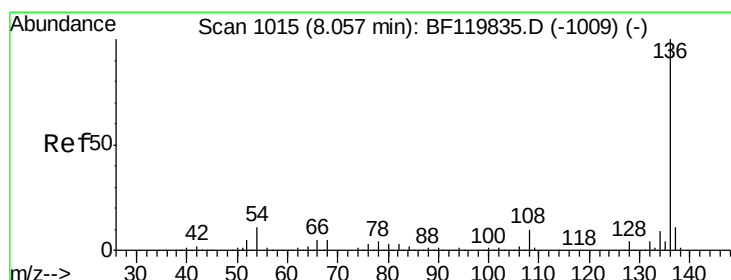
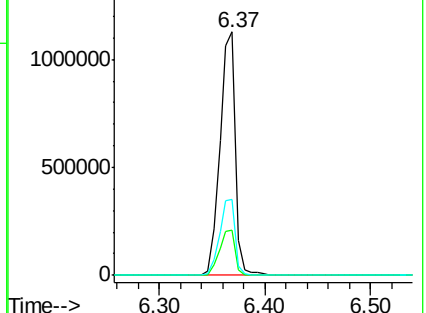
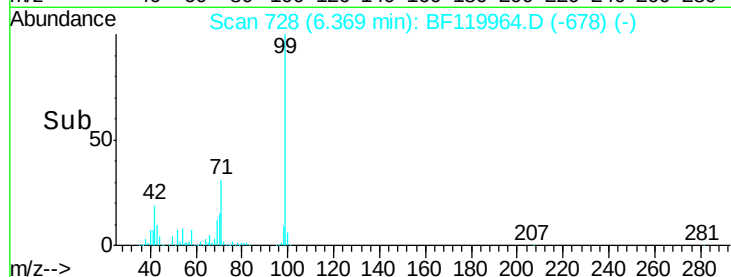
99 100

42 18.5 16.9 25.3

71 31.3 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: BF119964.D

Acq: 14 Apr 2020 20:46

Tgt Ion: 136 Resp: 752149

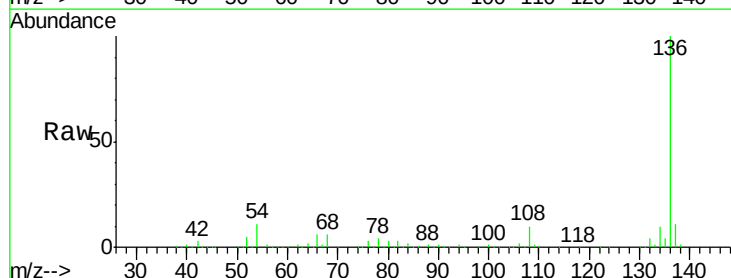
Ion Ratio Lower Upper

136 100

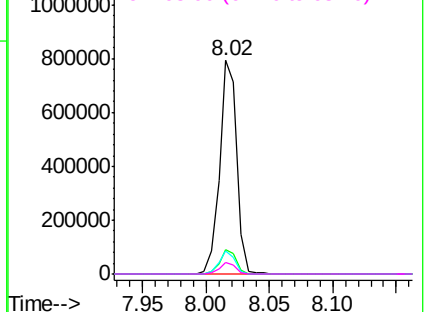
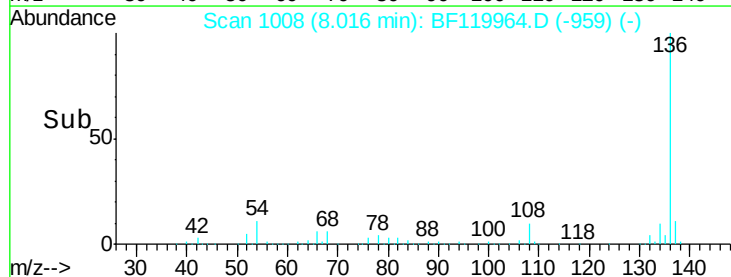
137 11.2 8.7 13.1

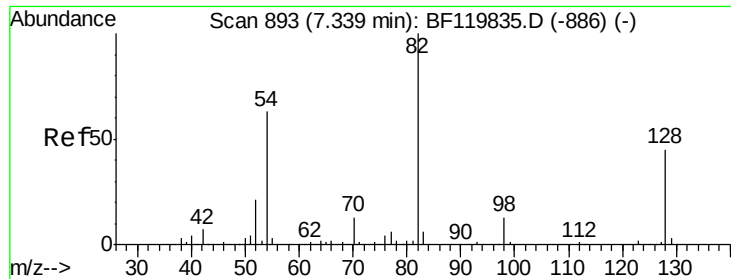
54 11.0 8.5 12.7

68 5.6 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

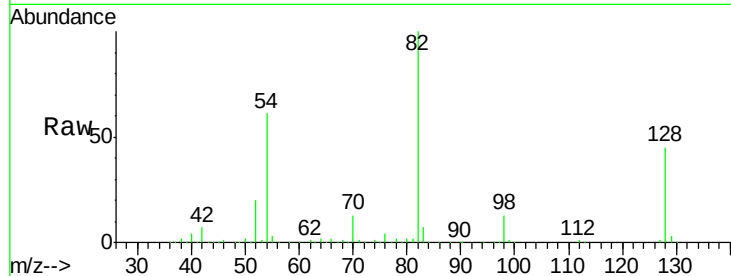




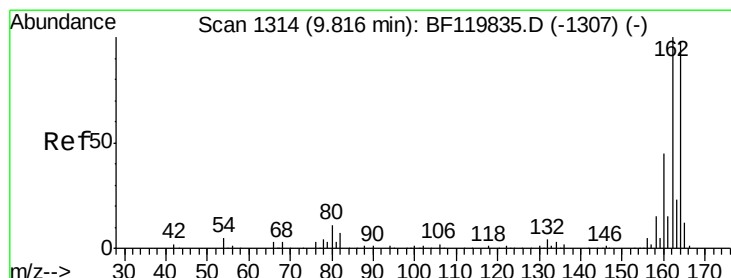
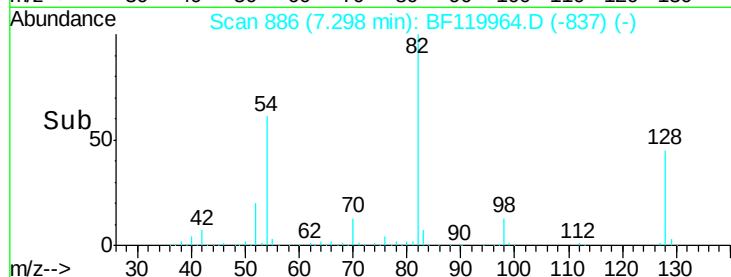
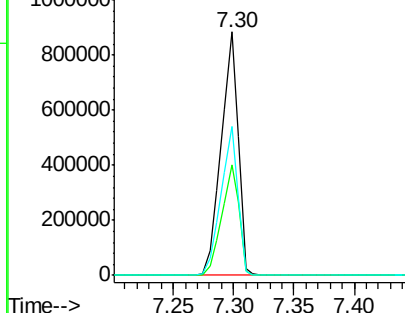
#23
 Nitrobenzene-d5
 Concen: 59.188 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119964.D
 Acq: 14 Apr 2020 20:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-31-39

Tot Ion: 82 Resp: 860528
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.2 54.4
 54 61.4 50.4 75.6

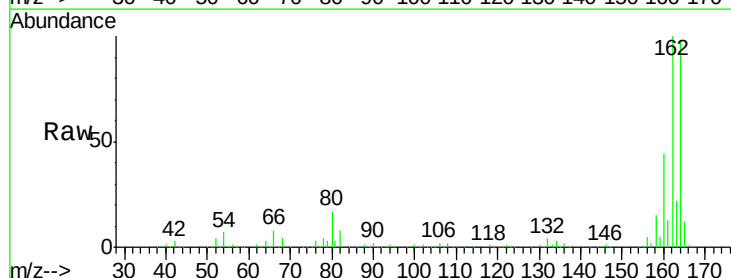


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

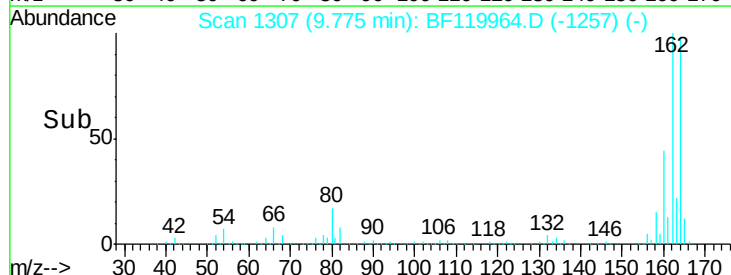
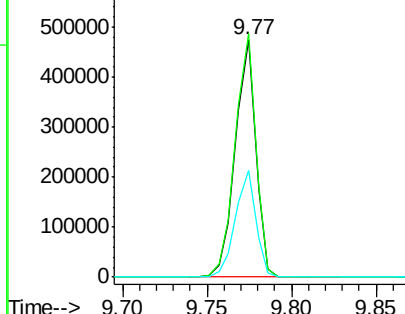


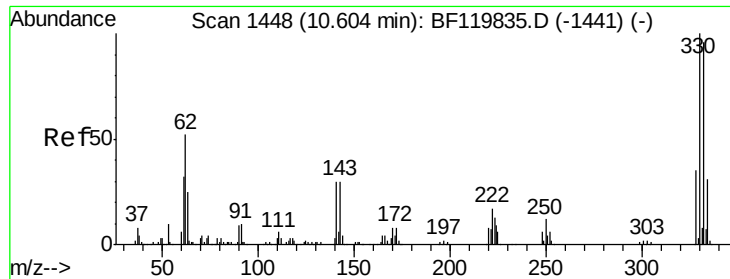
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119964.D
 Acq: 14 Apr 2020 20:46

Tgt Ion: 164 Resp: 401247
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.9 122.9
 160 44.9 36.6 54.8



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

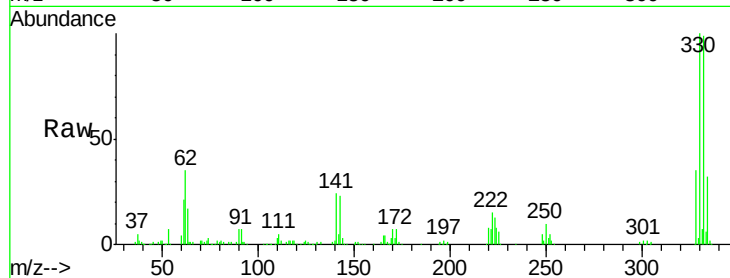




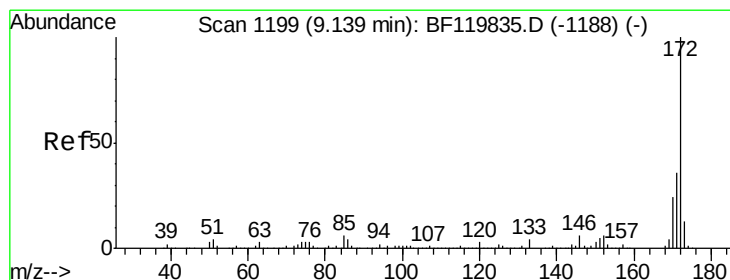
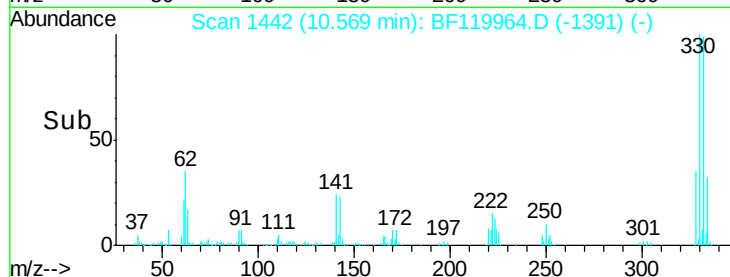
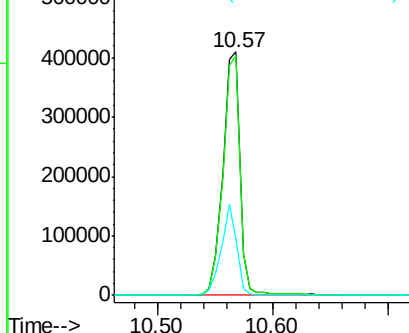
#42
 2,4,6-Tribromophenol
 Concen: 86.298 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF119964.D
 Acq: 14 Apr 2020 20:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-31-39

Tot Ion:330 Resp: 423951
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 34.0 25.1 37.7

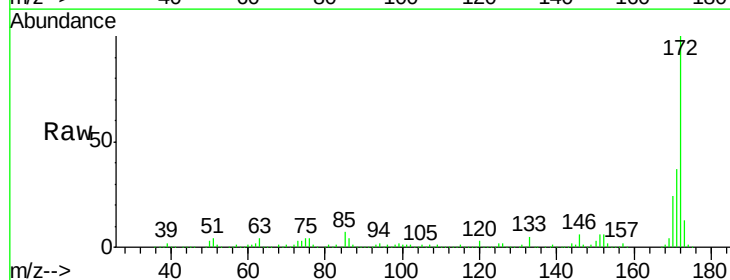


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

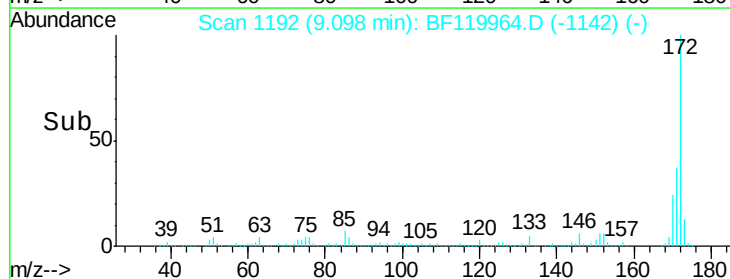
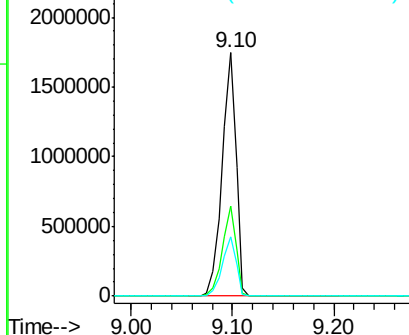


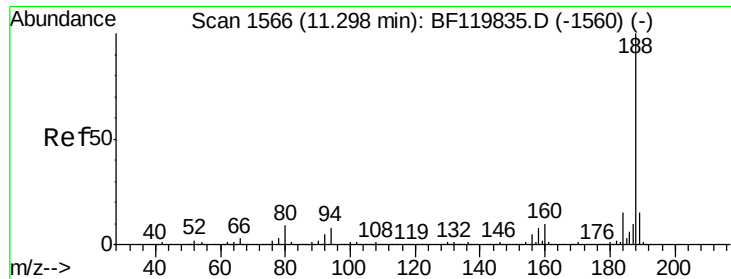
#45
 2-Fluorobiphenyl
 Concen: 58.886 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119964.D
 Acq: 14 Apr 2020 20:46

Tgt Ion:172 Resp: 1664188
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.5 19.4 29.2



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

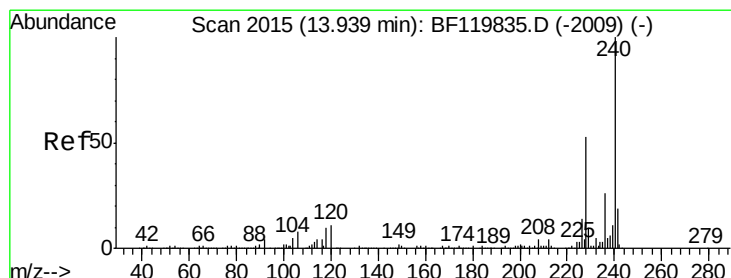
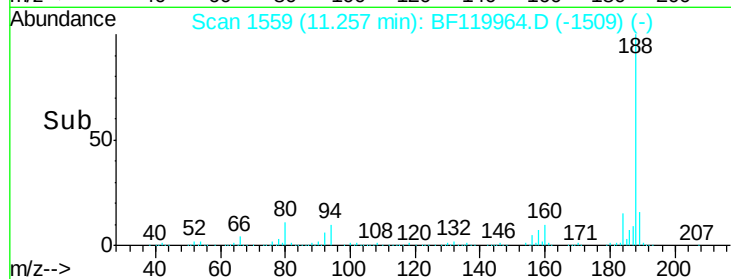
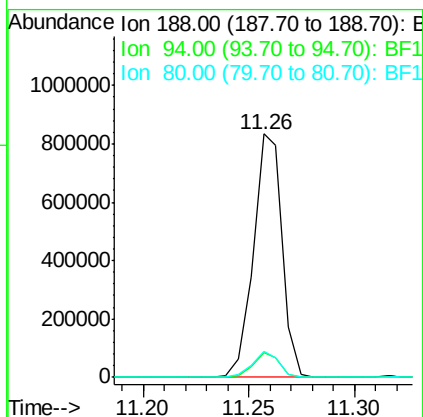
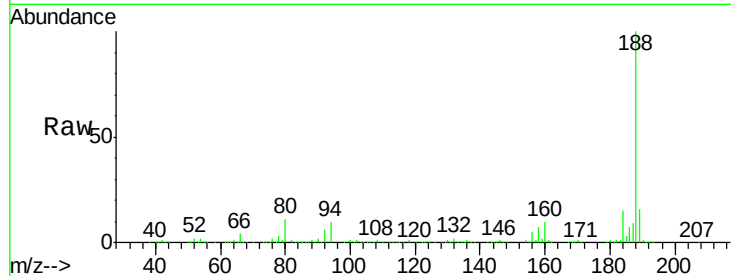




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119964.D
Acq: 14 Apr 2020 20:46

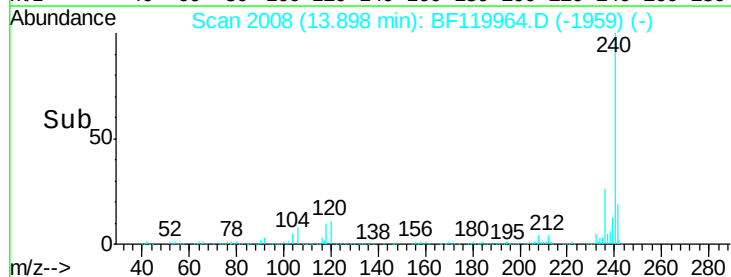
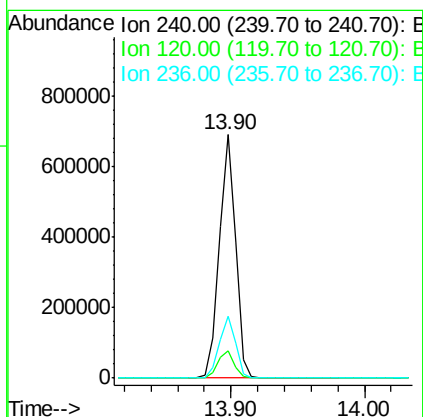
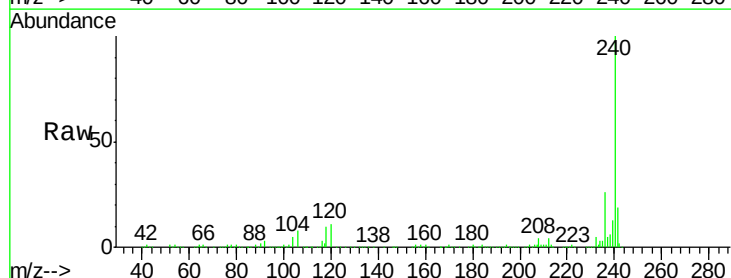
Instrument :
BNA_F
ClientSampled :
TP-25-31-39

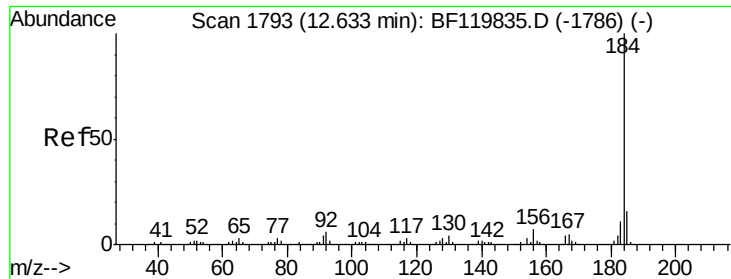
Tot Ion:188 Resp: 790264
Ion Ratio Lower Upper
188 100
94 10.1 6.7 10.1#
80 10.8 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119964.D
Acq: 14 Apr 2020 20:46

Tgt Ion:240 Resp: 599421
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.6 20.7 31.1





#77

Benzidine

Concen: 13.339 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119964.D

Acq: 14 Apr 2020 20:46

Instrument :

BNA_F

ClientSampleId :

TP-25-31-39

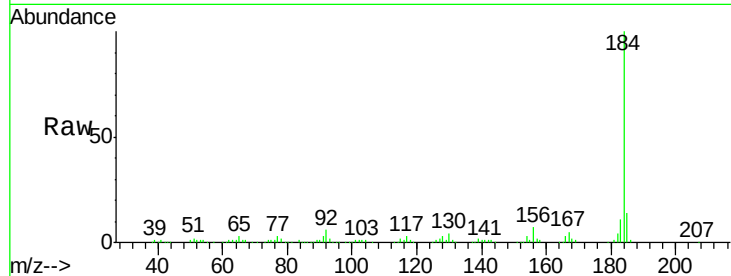
Tot Ion:184 Resp: 270285

Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.2	19.8
183	11.0	9.1	13.7

184 100

185 13.9 13.2 19.8

183 11.0 9.1 13.7



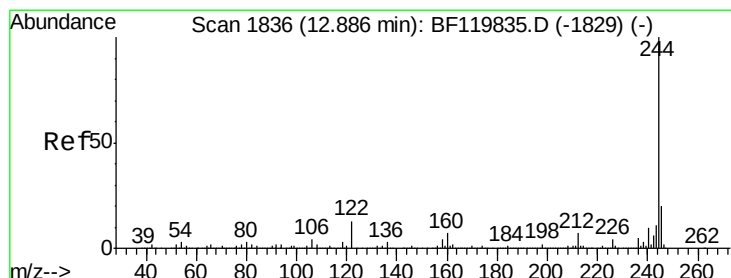
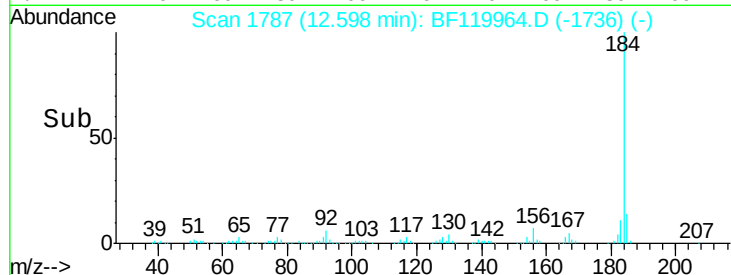
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.60

Time-->



#79

Terphenyl-d14

Concen: 70.056 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119964.D

Acq: 14 Apr 2020 20:46

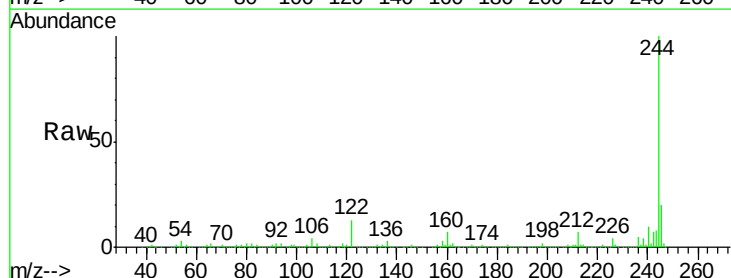
Tgt Ion:244 Resp: 2495645

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.6	10.3	15.5

244 100

212 7.1 5.4 8.0

122 12.6 10.3 15.5



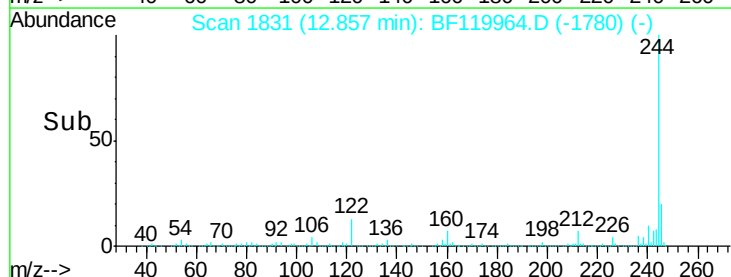
Abundance Ion 244.00 (243.70 to 244.70): E

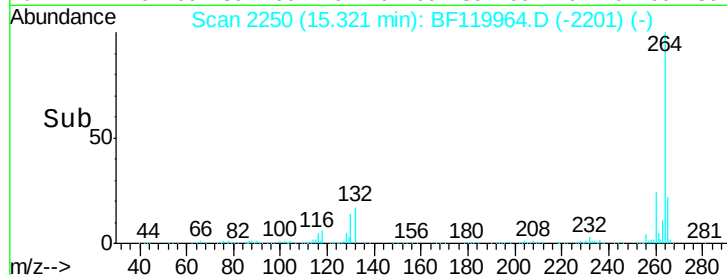
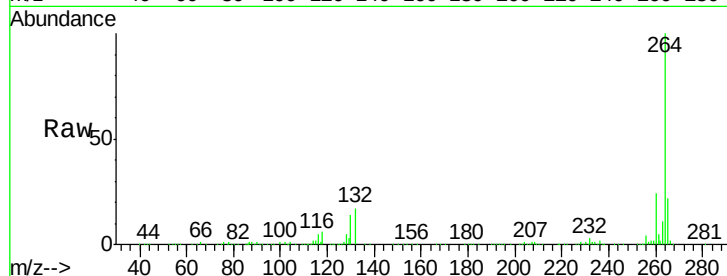
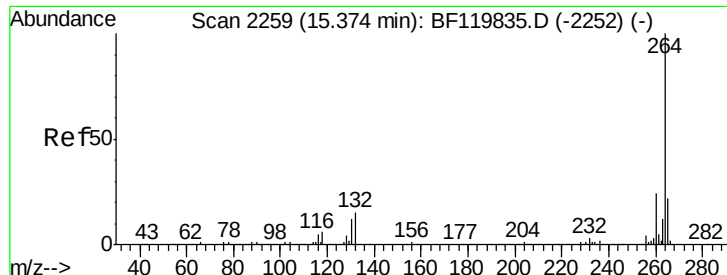
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.86

Time-->





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF119964.D
Acq: 14 Apr 2020 20:46

Instrument :
BNA_F
ClientSampleId :
TP-25-31-39

Tot Ion:264	Resp:	450357
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.3 28.9
265	21.6	17.6 26.4

