

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119966.D
 Acq On : 14 Apr 2020 21:40
 Operator : MA/SJ
 Sample : L2229-16
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32

Quant Time: Apr 15 03:13:33 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

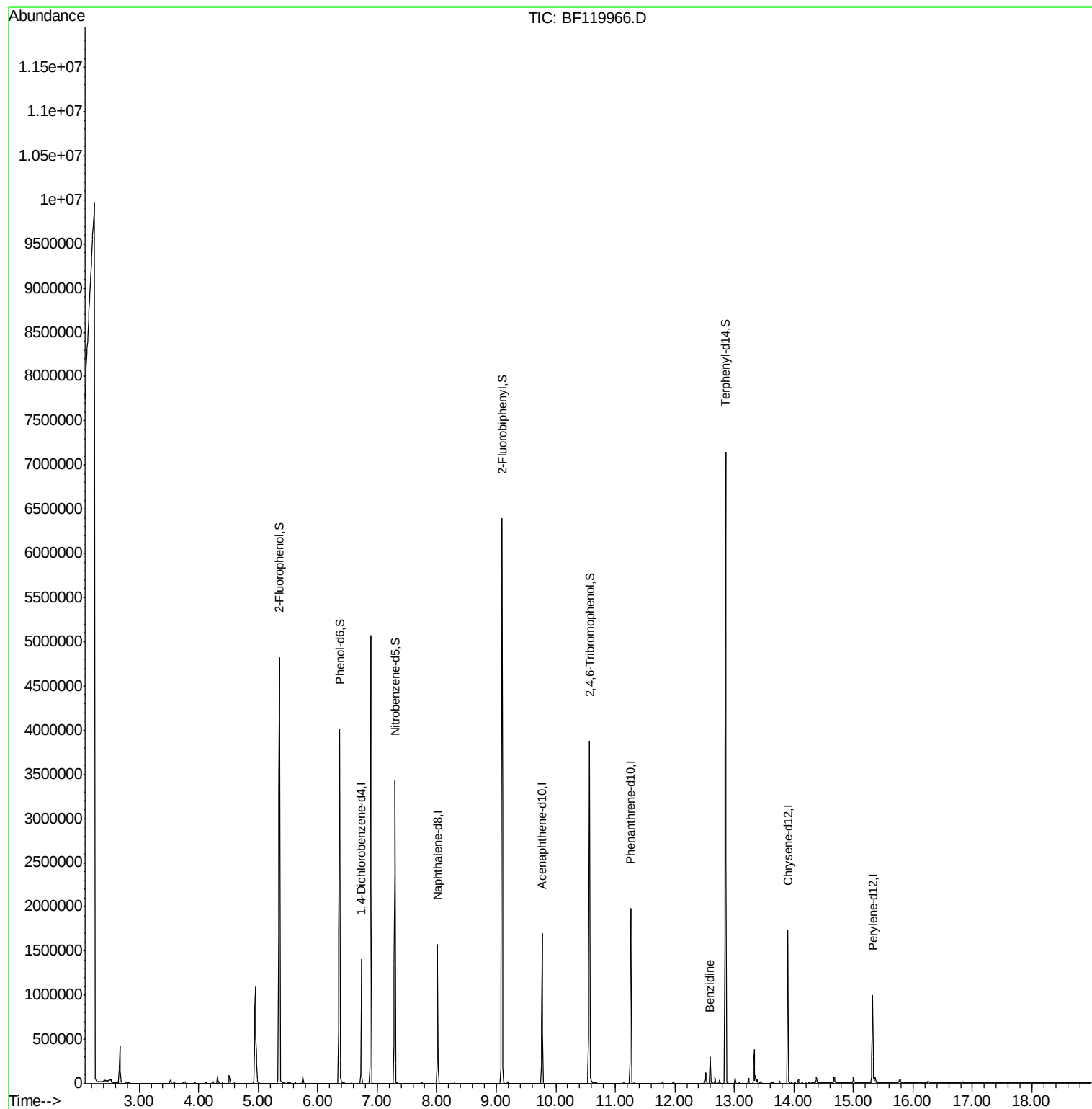
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	183289	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	713575	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	378423	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	762256	20.00	ng	0.00
76) Chrysene-d12	13.90	240	575260	20.00	ng	-0.01
87) Perylene-d12	15.32	264	434662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1446214	136.36	ng	0.02
7) Phenol-d6	6.37	99	1660975	121.54	ng	0.00
23) Nitrobenzene-d5	7.30	82	1277694	92.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	574597	124.02	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2352267	88.25	ng	0.00
79) Terphenyl-d14	12.86	244	2829678	82.77	ng	0.00
Target Compounds						
77) Benzidine	12.60	184	119969	6.170	ng	Qvalue 95

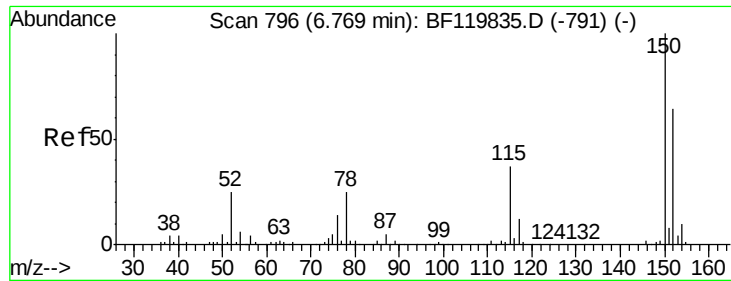
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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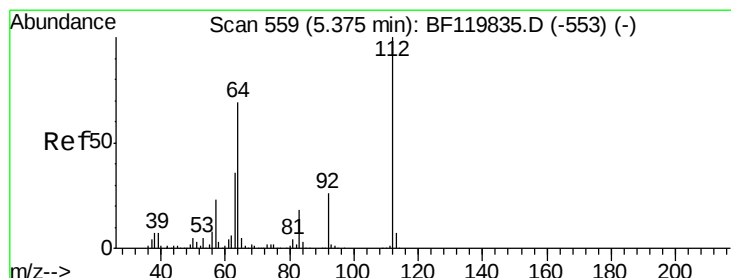
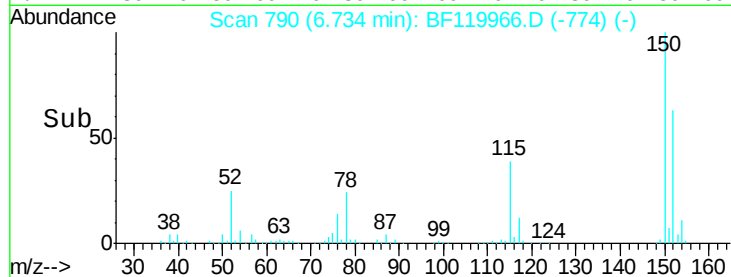
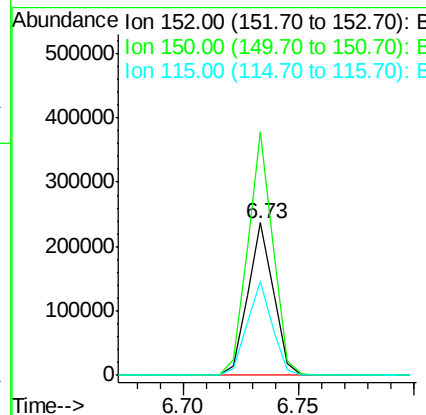
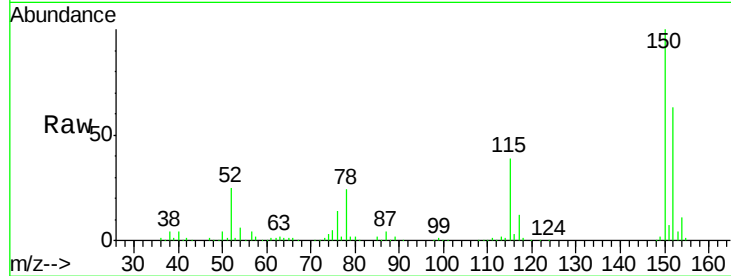


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119966.D
Acq: 14 Apr 2020 21:40

Instrument :
BNA_F
ClientSampled :
TP-32

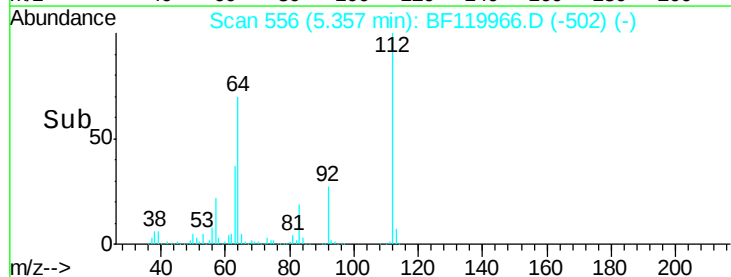
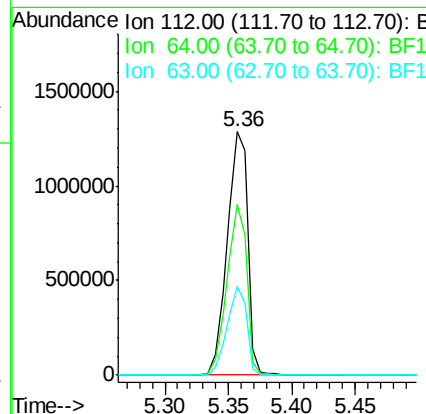
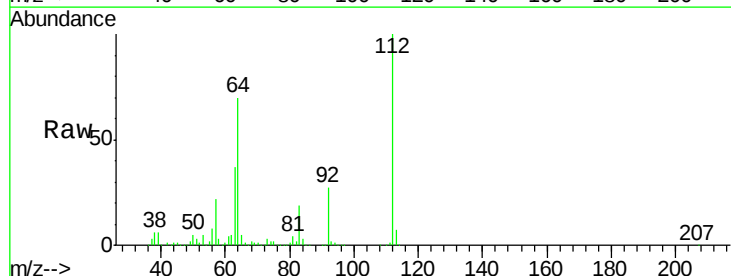
Tot Ion:152 Resp: 183289
Ion Ratio Lower Upper
152 100
150 159.8 124.8 187.2
115 61.6 46.5 69.7



#5

2-Fluorophenol
Concen: 136.360 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF119966.D
Acq: 14 Apr 2020 21:40

Tgt Ion:112 Resp: 1446214
Ion Ratio Lower Upper
112 100
64 70.2 55.5 83.3
63 36.5 29.1 43.7





#7

Phenol-d6

Concen: 121.539 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119966.D

Acq: 14 Apr 2020 21:40

Instrument :

BNA_F

ClientSampleId :

TP-32

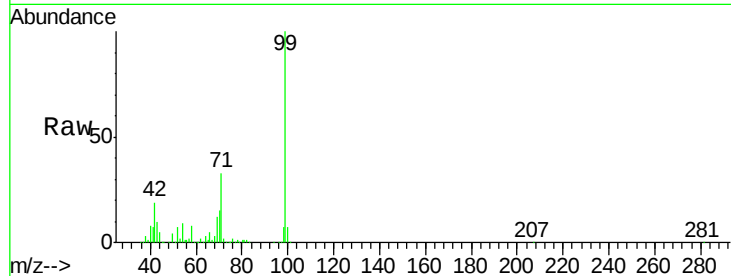
Tot Ion: 99 Resp: 1660975

Ion Ratio Lower Upper

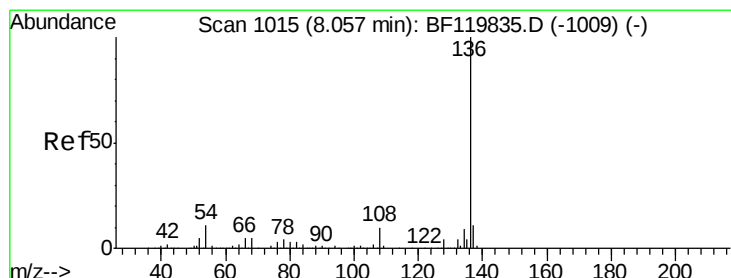
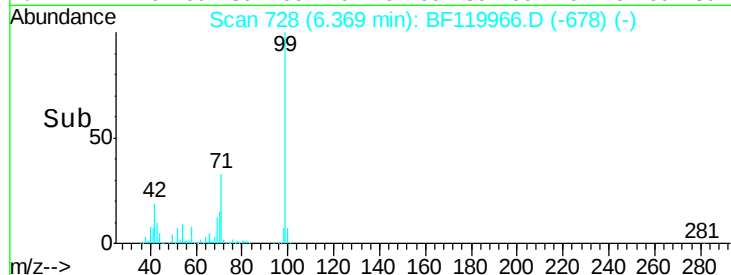
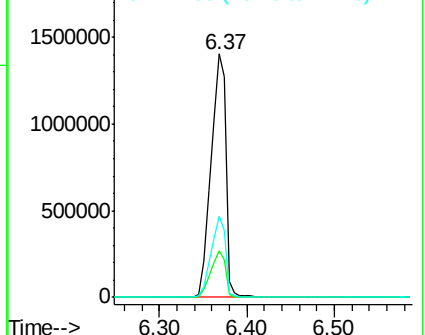
99 100

42 19.4 16.9 25.3

71 33.3 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: BF119966.D

Acq: 14 Apr 2020 21:40

Tgt Ion: 136 Resp: 713575

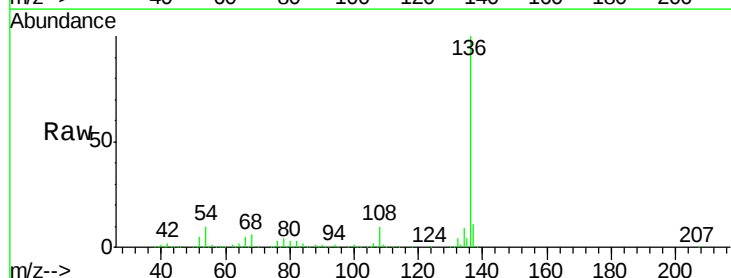
Ion Ratio Lower Upper

136 100

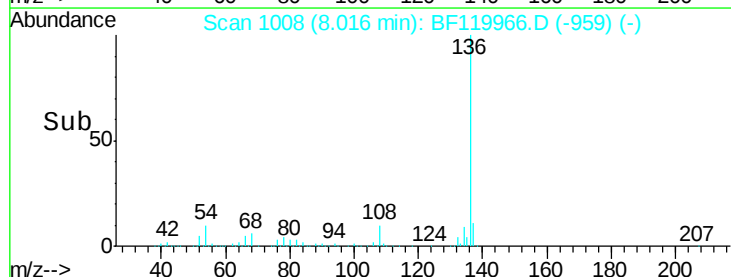
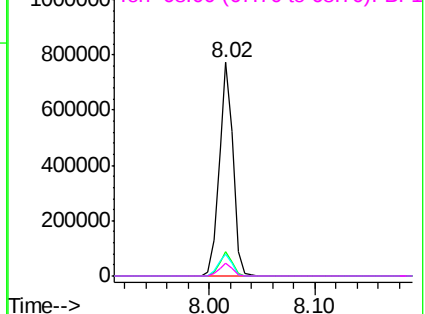
137 11.1 8.7 13.1

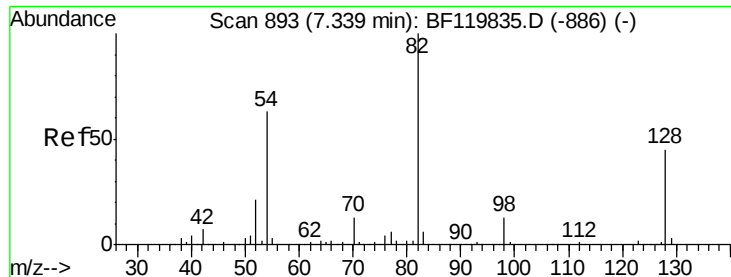
54 10.3 8.5 12.7

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

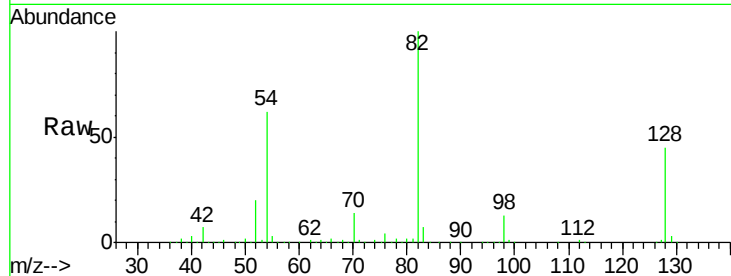




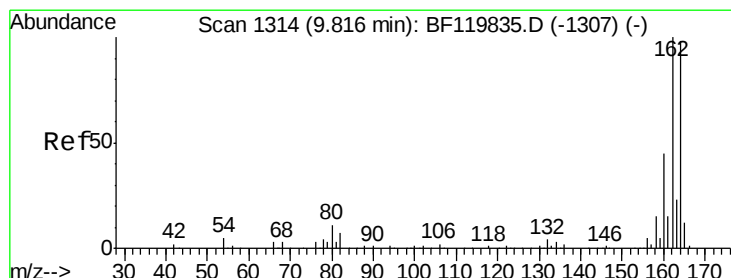
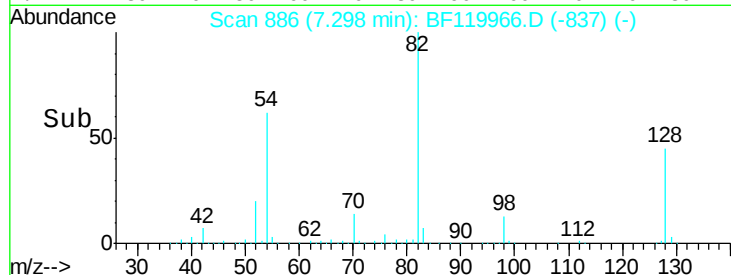
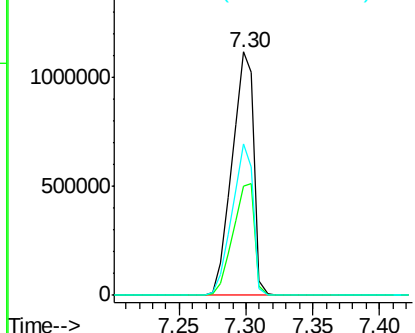
#23
 Nitrobenzene-d5
 Concen: 92.632 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119966.D
 Acq: 14 Apr 2020 21:40

Instrument :
 BNA_F
 ClientSampled :
 TP-32

Tot Ion: 82 Resp: 1277694
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.2 54.4
 54 62.0 50.4 75.6

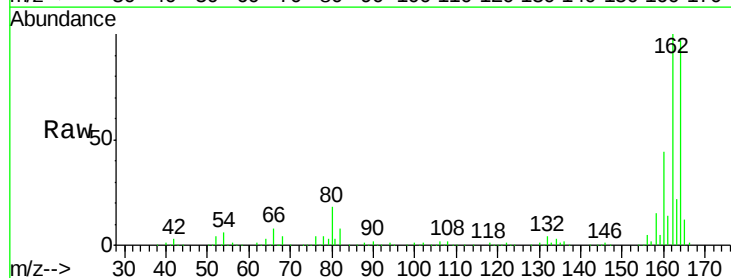


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

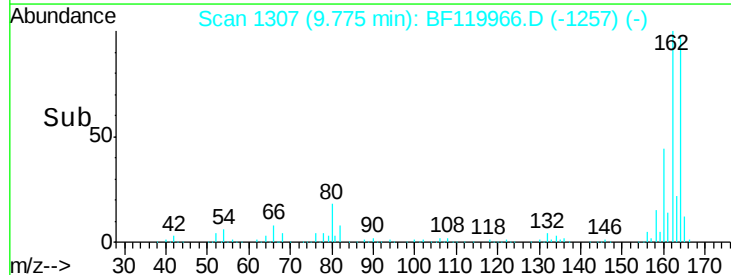
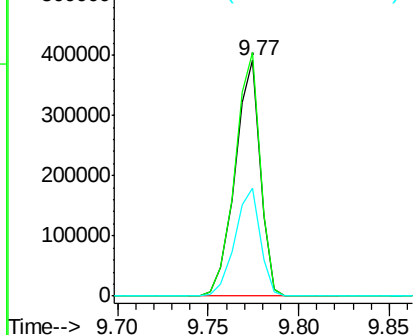


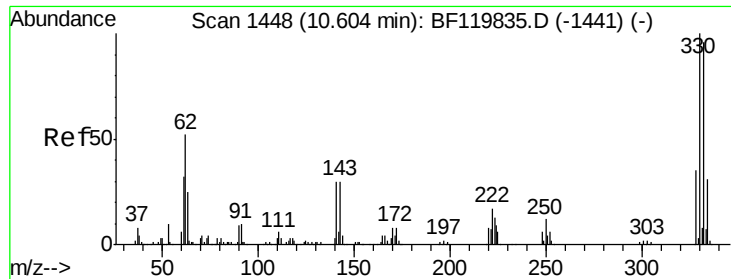
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119966.D
 Acq: 14 Apr 2020 21:40

Tgt Ion: 164 Resp: 378423
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.9 122.9
 160 45.7 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

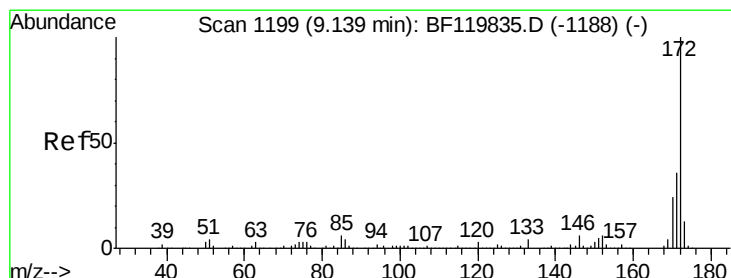
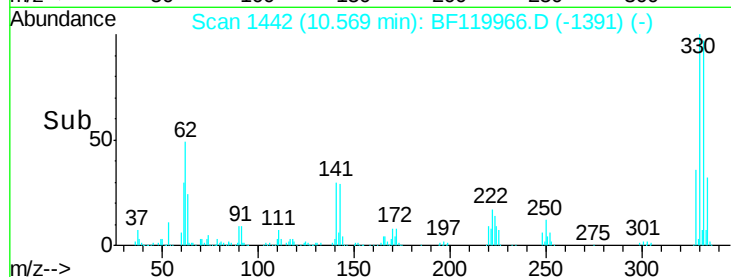
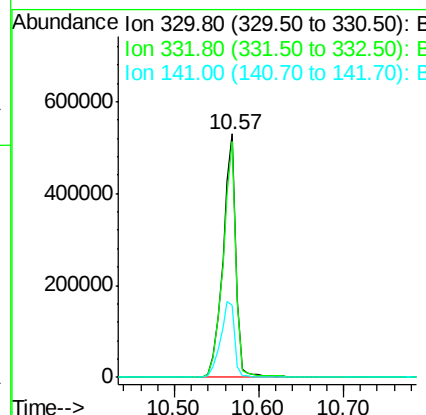
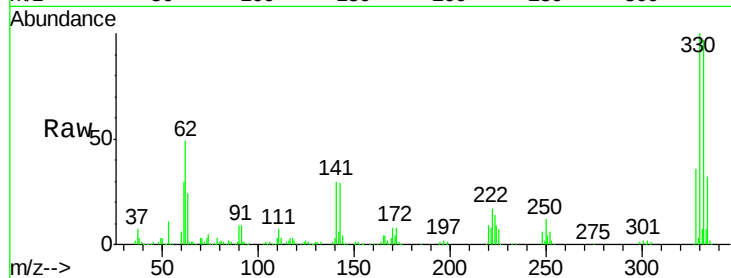




#42
 2,4,6-Tribromophenol
 Concen: 124.018 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119966.D
 Acq: 14 Apr 2020 21:40

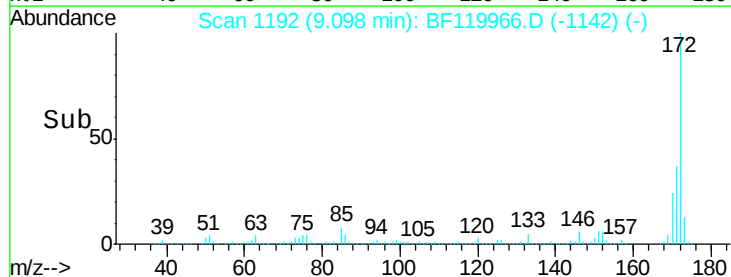
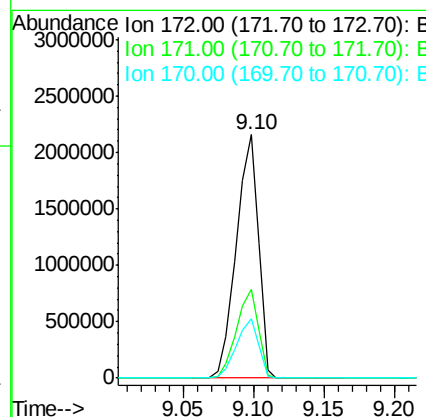
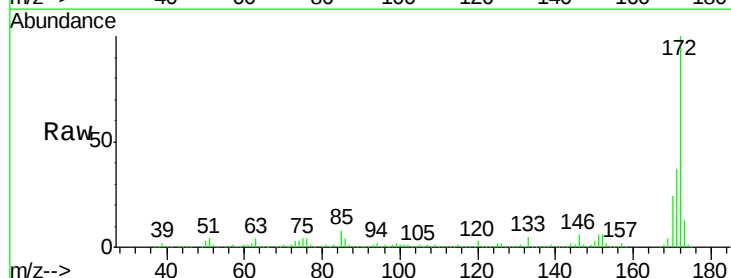
Instrument :
 BNA_F
 ClientSampleId :
 TP-32

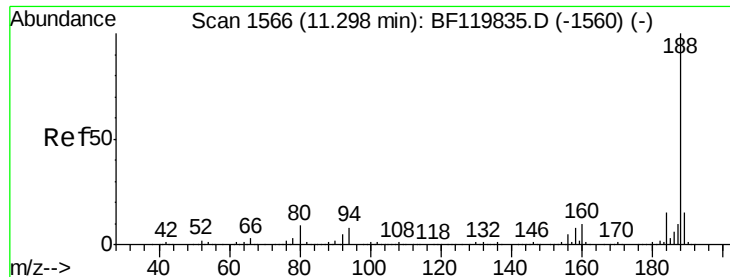
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	34.5	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 88.253 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119966.D
 Acq: 14 Apr 2020 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.3	19.4	29.2

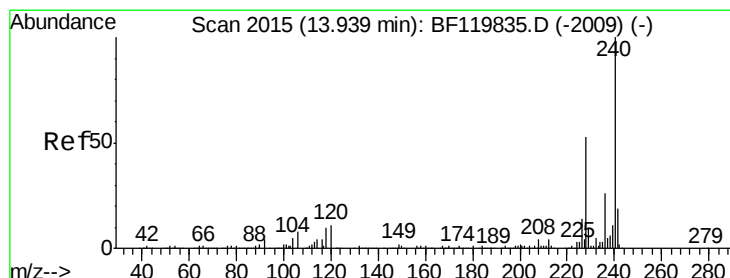
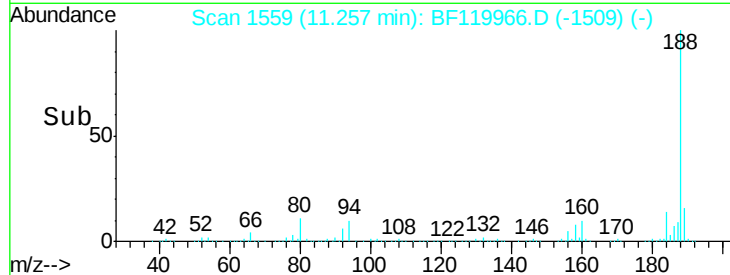
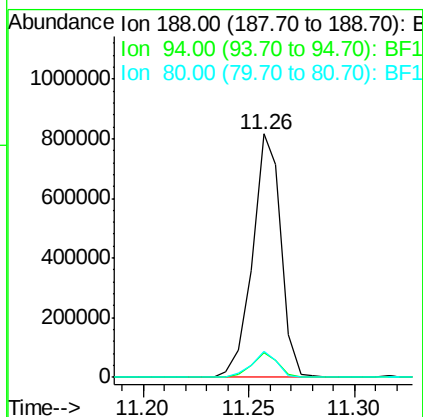
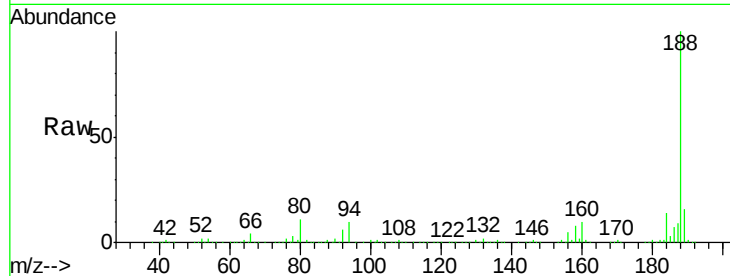




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119966.D
Acq: 14 Apr 2020 21:40

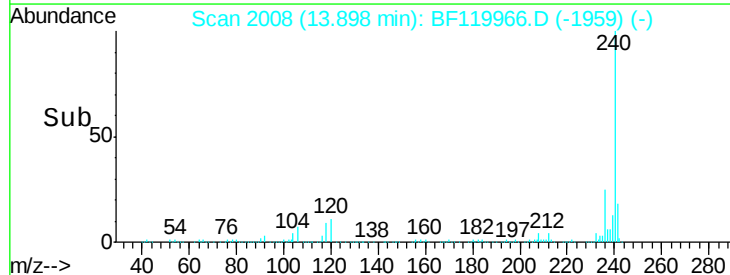
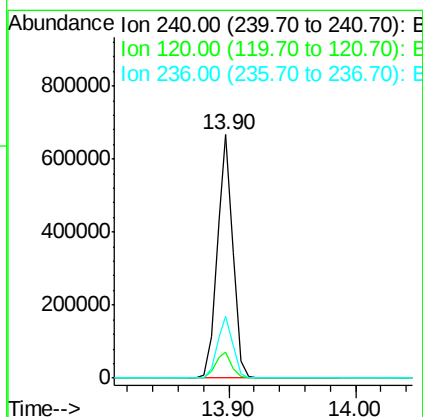
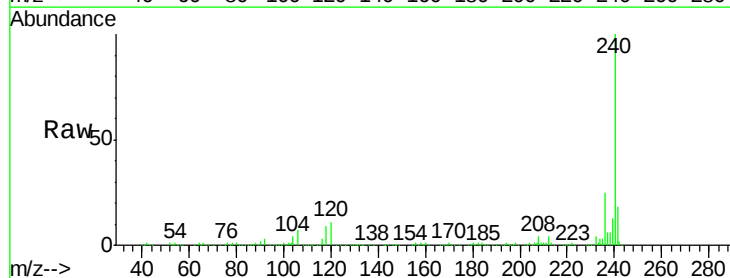
Instrument :
BNA_F
ClientSampled :
TP-32

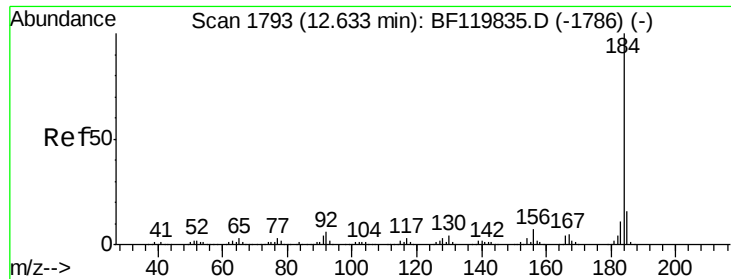
Tot Ion:188 Resp: 762256
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.6 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119966.D
Acq: 14 Apr 2020 21:40

Tgt Ion:240 Resp: 575260
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 25.3 20.7 31.1





#77

Benzidine

Concen: 6.170 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF119966.D

Acq: 14 Apr 2020 21:40

Instrument :

BNA_F

ClientSampleId :

TP-32

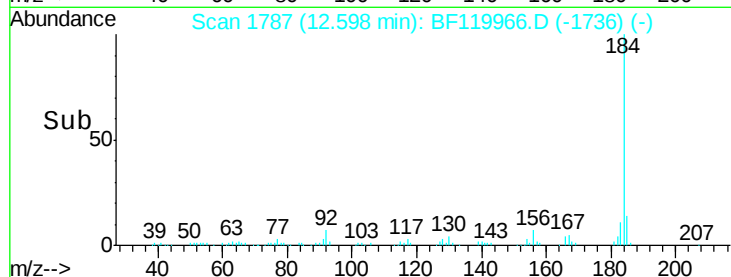
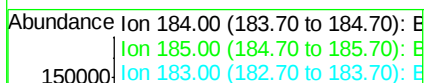
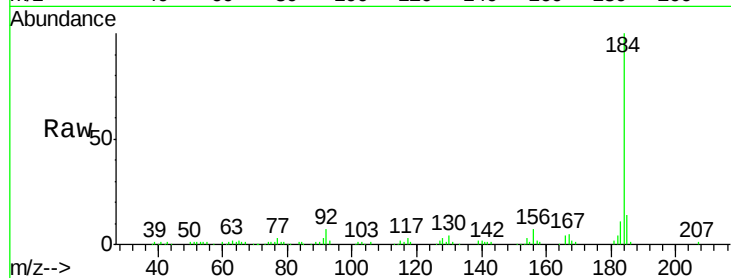
Tot Ion:184 Resp: 119969

Ion	Ratio	Lower	Upper
184	100		
185	13.6	13.2	19.8
183	10.6	9.1	13.7

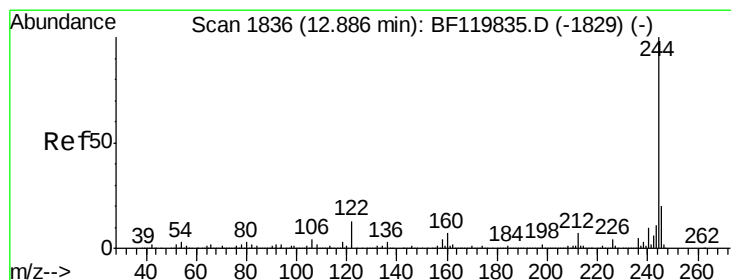
184 100

185 13.6 13.2 19.8

183 10.6 9.1 13.7



Time-->



#79

Terphenyl-d14

Concen: 82.769 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119966.D

Acq: 14 Apr 2020 21:40

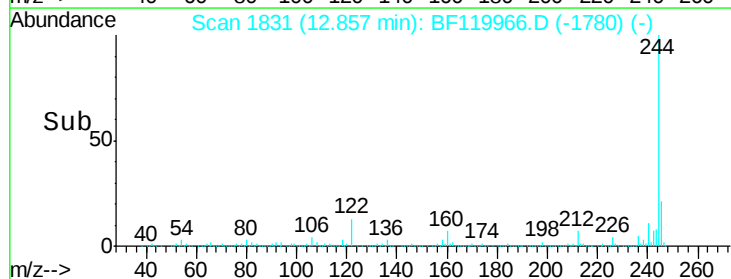
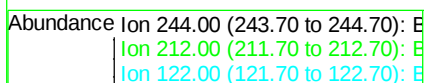
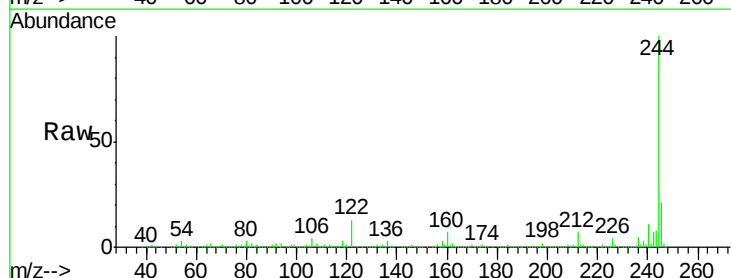
Tgt Ion:244 Resp: 2829678

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.4	10.3	15.5

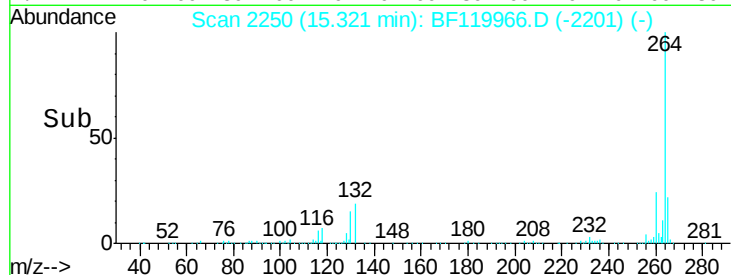
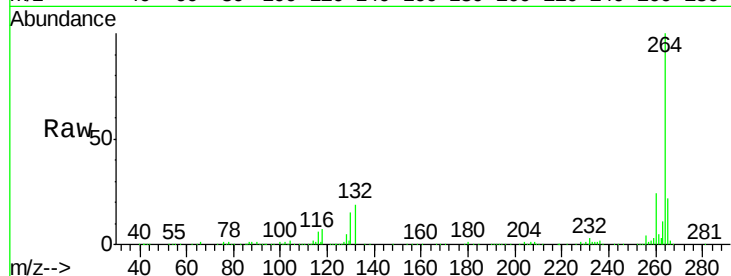
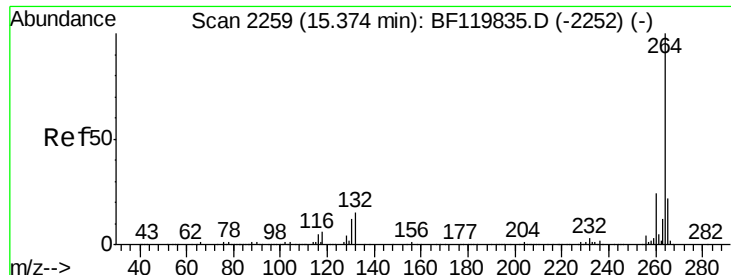
244 100

212 7.1 5.4 8.0

122 13.4 10.3 15.5



Time-->



#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF119966.D
Acq: 14 Apr 2020 21:40

Instrument :
BNA_F
ClientSampleId :
TP-32

Tot Ion:	264	Resp:	434662
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.7	17.6	26.4

