

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120136.D
 Acq On : 22 Apr 2020 17:32
 Operator : MA/SJ
 Sample : L2356-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-12-COMP

Quant Time: Apr 22 18:14:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

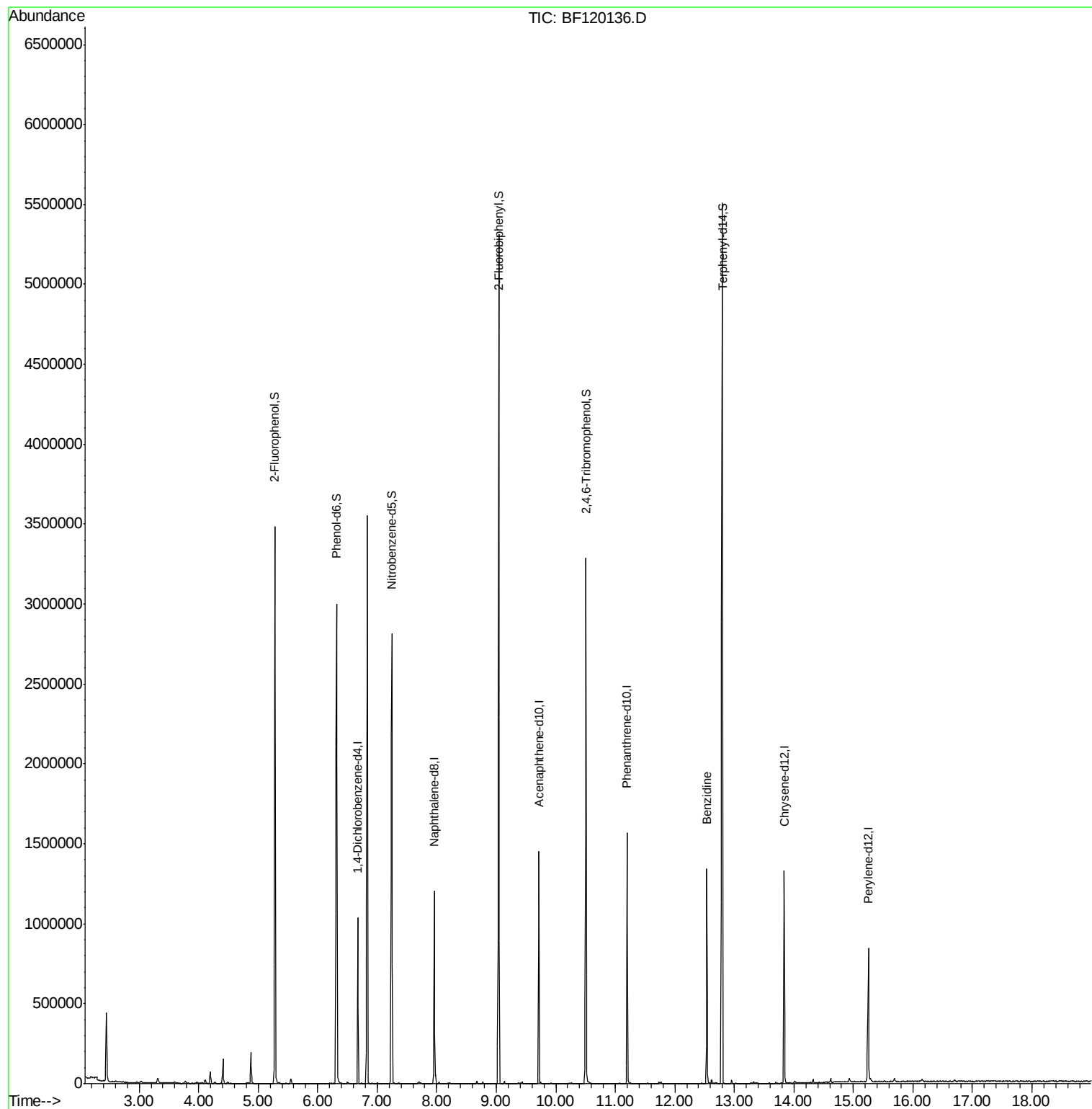
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	138681	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	532910	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	271834	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	525476	20.00	ng	0.00
76) Chrysene-d12	13.84	240	426504	20.00	ng	-0.01
87) Perylene-d12	15.25	264	363740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	941322	117.30	ng	0.00
7) Phenol-d6	6.32	99	1075638	104.03	ng	-0.01
23) Nitrobenzene-d5	7.25	82	890502	86.45	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	406789	122.23	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1708453	89.23	ng	0.00
79) Terphenyl-d14	12.80	244	2092623	82.56	ng	0.00
Target Compounds						
77) Benzidine	12.54	184	468676	32.51	ng	Qvalue 98

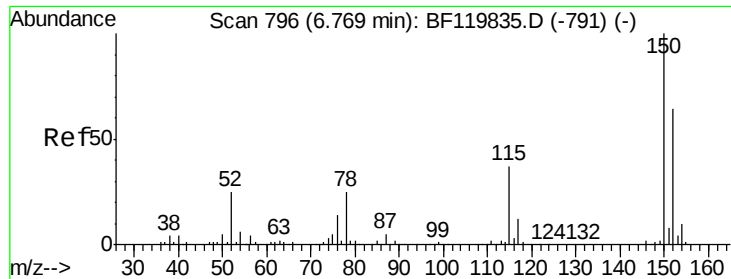
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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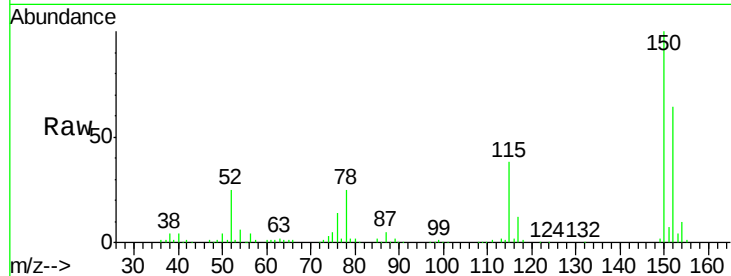




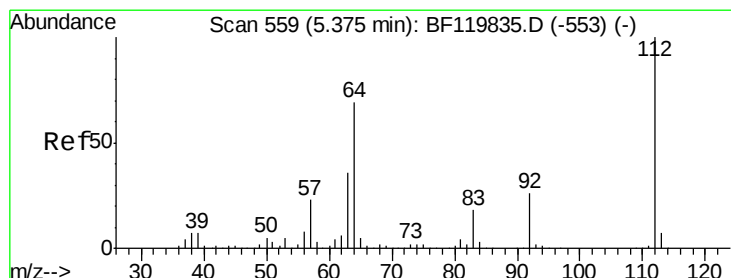
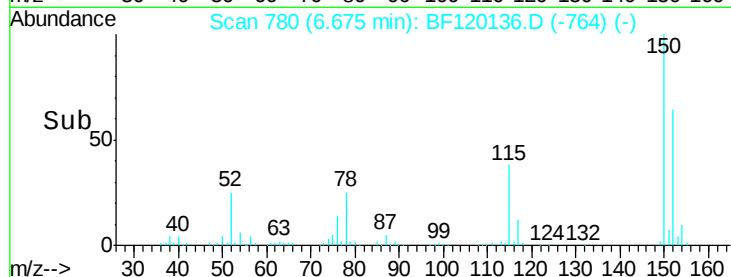
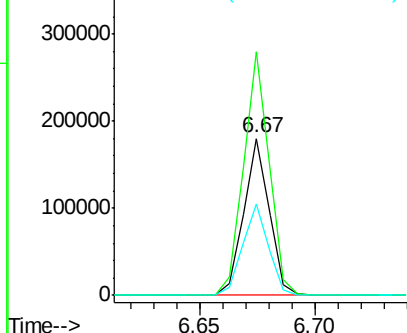
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-12-COMP

Tgt Ion:152 Resp: 138681
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.5 186.7
 115 58.2 49.6 74.4

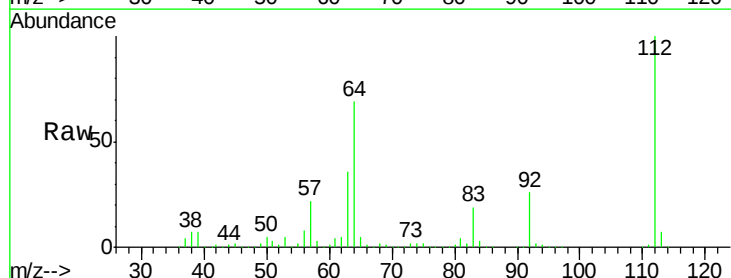


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

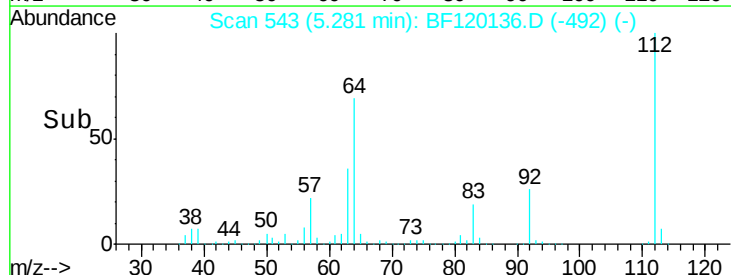
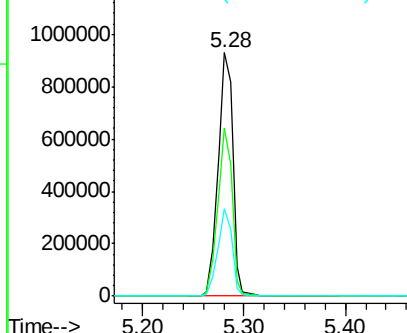


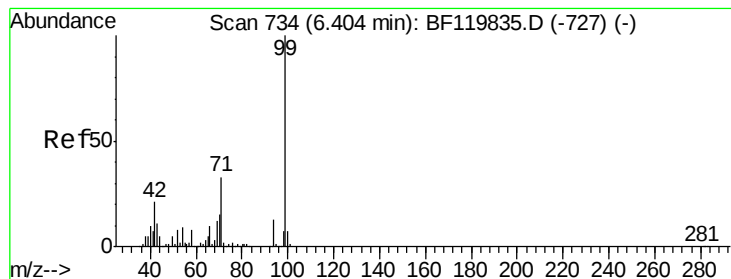
#5
 2-Fluorophenol
 Concen: 117.30 ng
 RT: 5.28 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Tgt Ion:112 Resp: 941322
 Ion Ratio Lower Upper
 112 100
 64 69.2 56.7 85.1
 63 35.8 29.5 44.3



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: 104.03 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_F

ClientSampleId :

TP-13-12-COMP

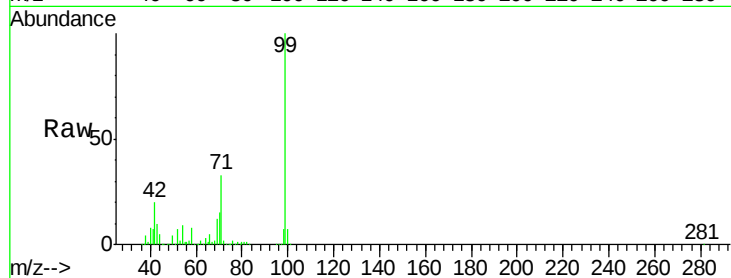
Tgt Ion: 99 Resp: 1075638

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

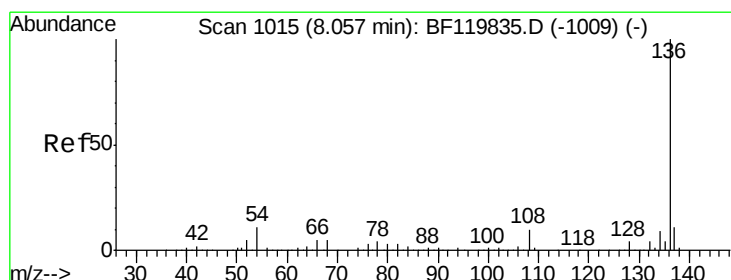
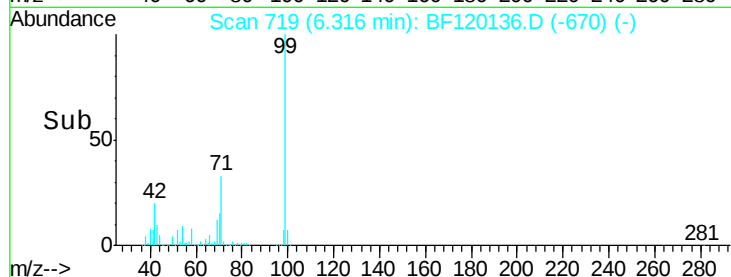
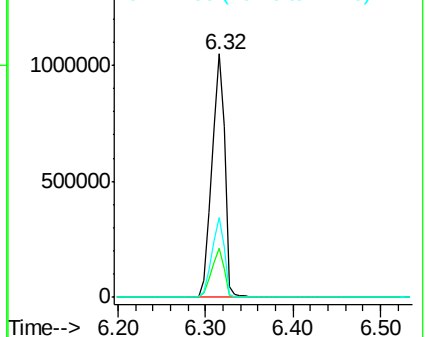
71 32.7 26.4 39.6



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: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Tgt Ion: 136 Resp: 532910

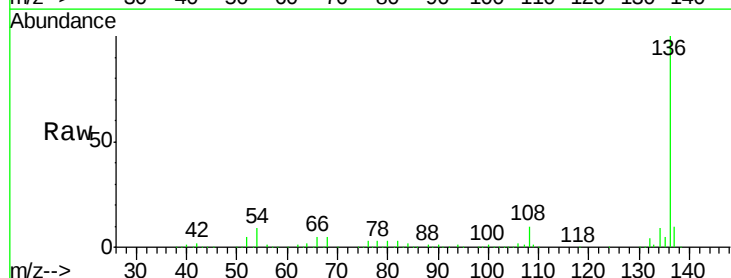
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 9.2 9.1 13.7

68 5.2 4.6 6.8

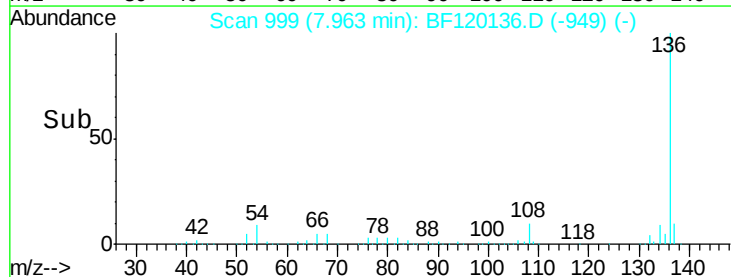
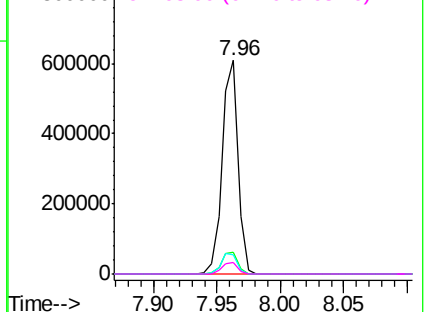


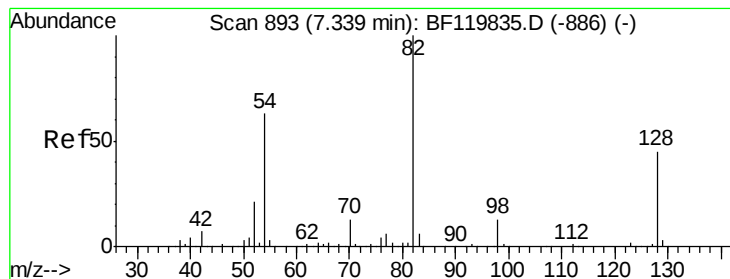
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.45 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_F

ClientSampleId :

TP-13-12-COMP

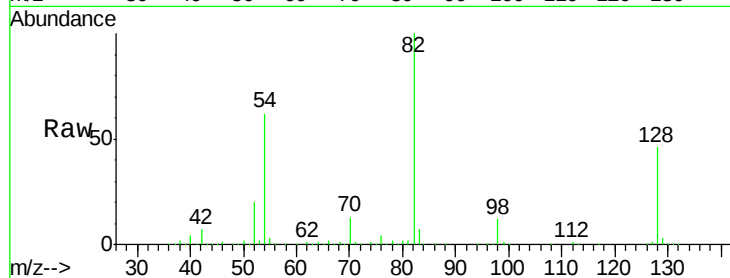
Tgt Ion: 82 Resp: 890502

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

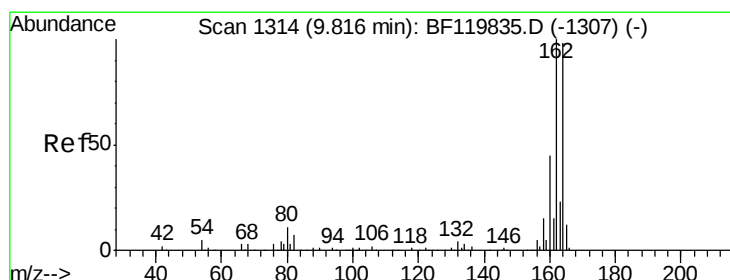
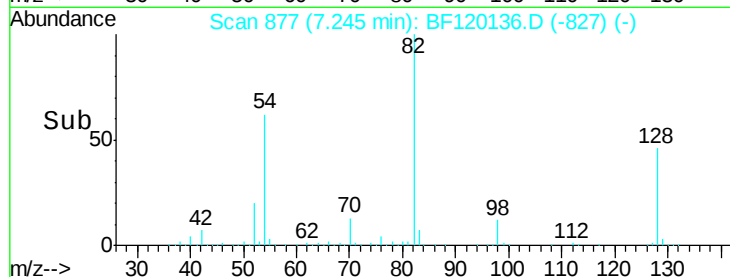
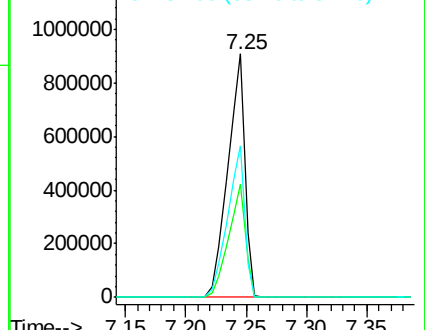
54 62.0 50.6 75.8



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: 20.00 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

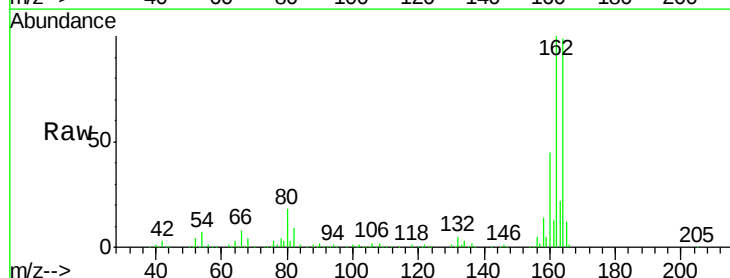
Tgt Ion: 164 Resp: 271834

Ion Ratio Lower Upper

164 100

162 101.4 80.6 121.0

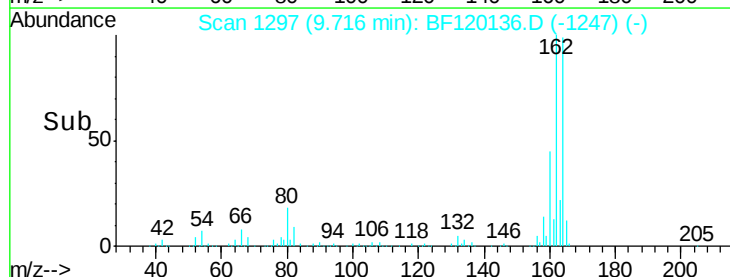
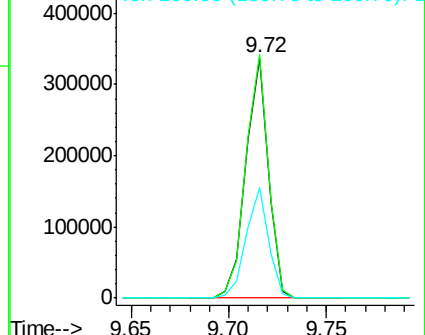
160 45.9 35.7 53.5

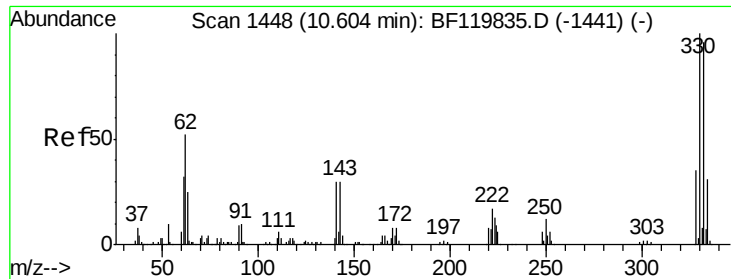


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

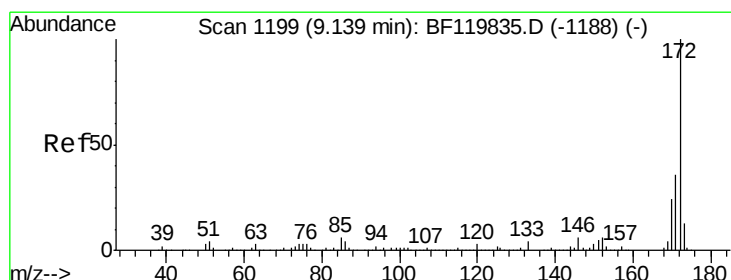
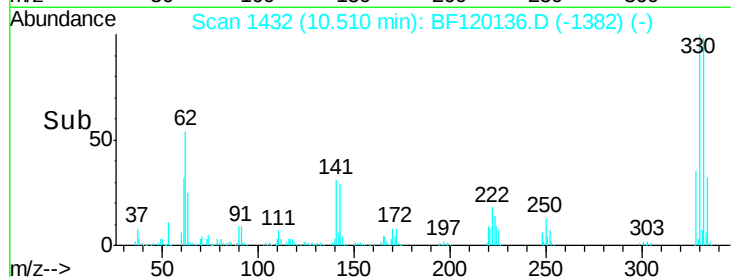
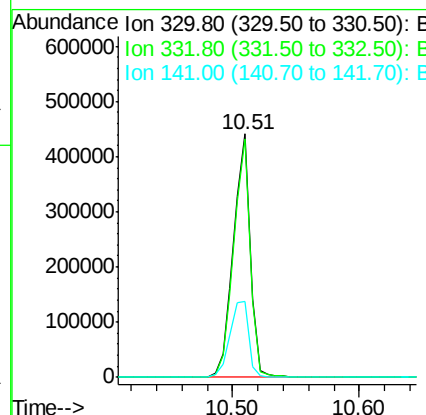
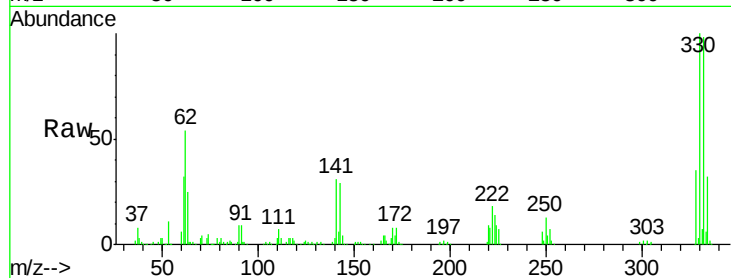




#42
 2,4,6-Tribromophenol
 Concen: 122.23 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

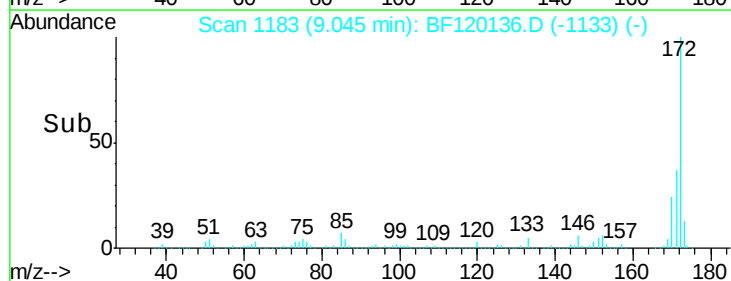
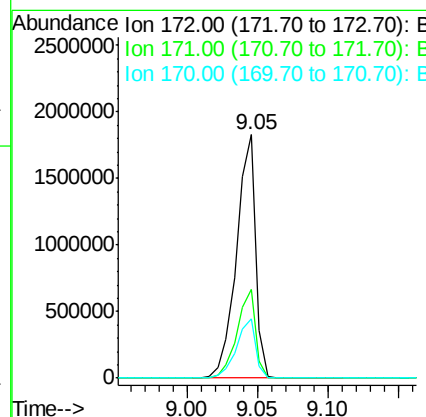
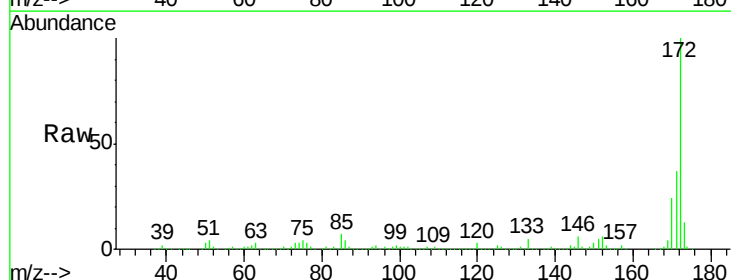
Instrument :
 BNA_F
 ClientSampleId :
 TP-13-12-COMP

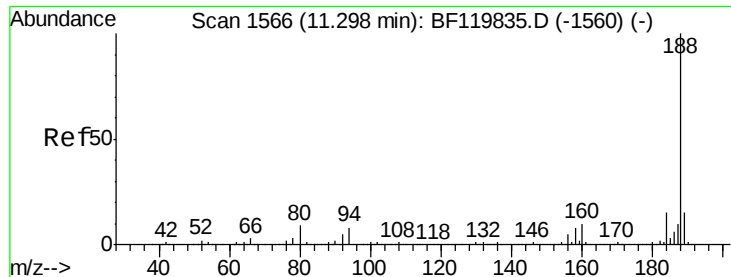
Tgt Ion:330 Resp: 406789
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 35.2 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 89.23 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Tgt Ion:172 Resp: 1708453
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.4 20.2 30.2

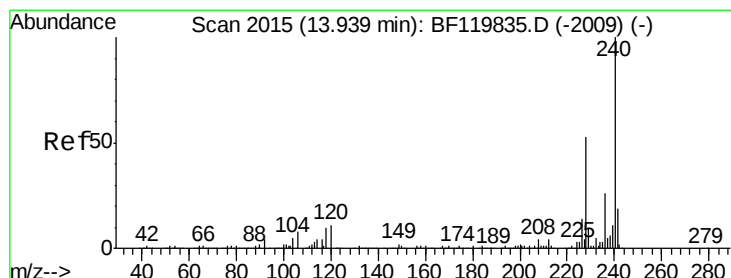
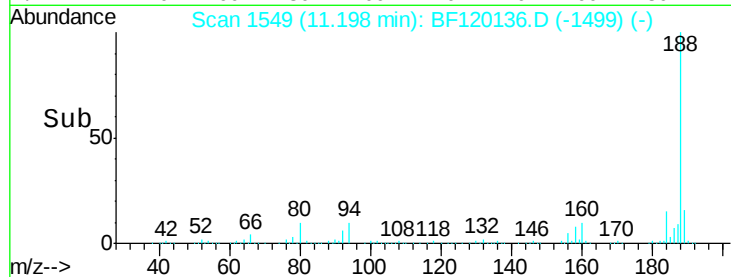
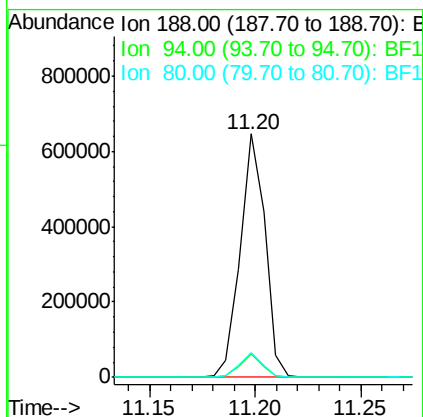
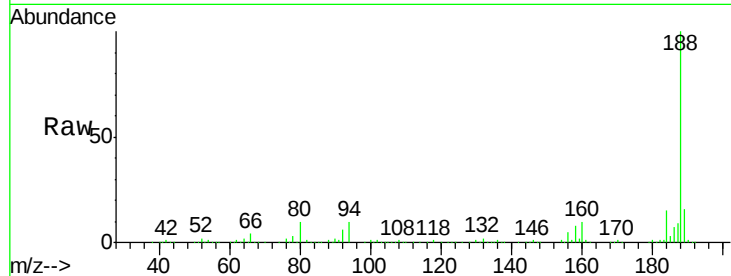




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

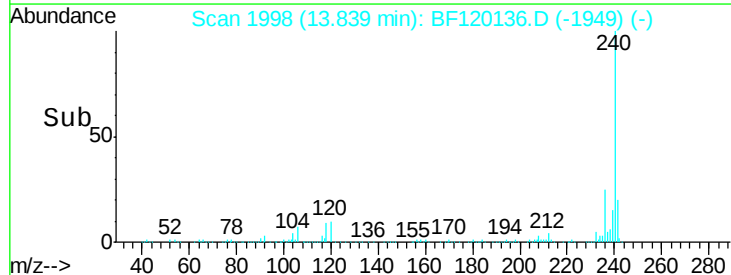
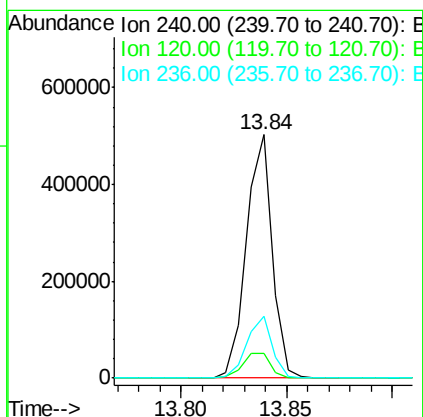
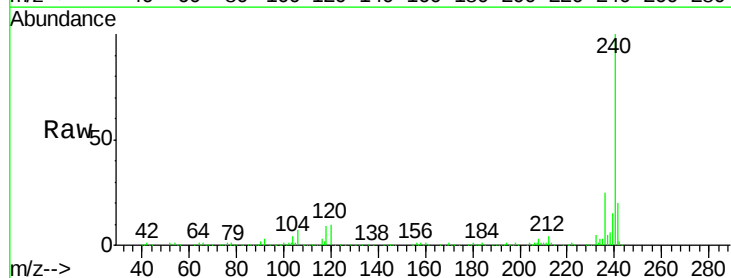
Instrument :
BNA_F
ClientSampleId :
TP-13-12-COMP

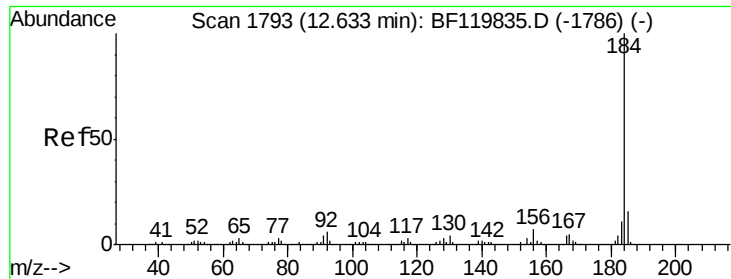
Tgt Ion:188 Resp: 525476
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

Tgt Ion:240 Resp: 426504
Ion Ratio Lower Upper
240 100
120 10.2 10.6 15.8#
236 25.4 20.2 30.2





#77

Benzidine

Concen: 32.51 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_F

ClientSampleId :

TP-13-12-COMP

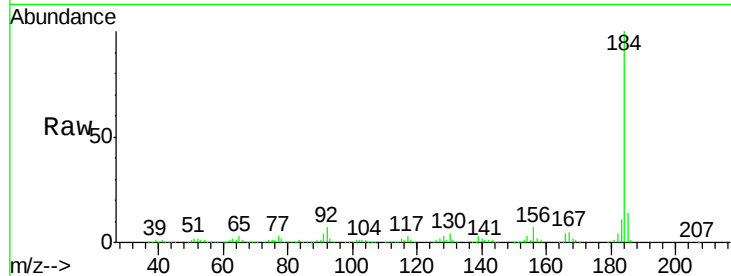
Tgt Ion:184 Resp: 468676

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

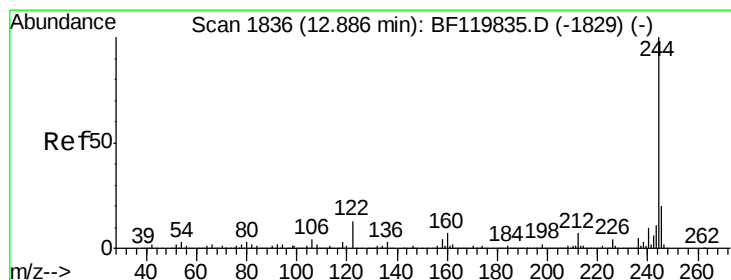
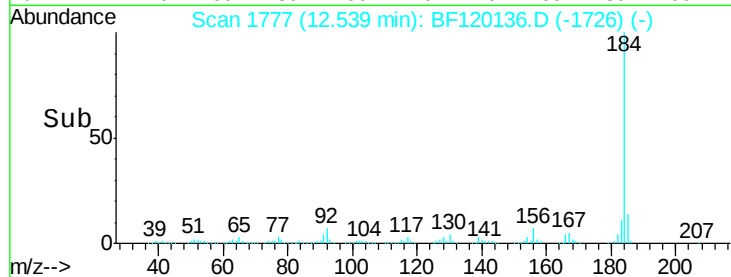
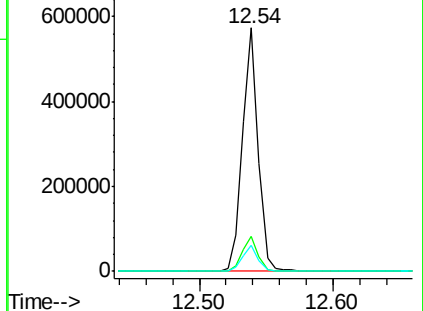
183 10.8 9.0 13.6



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: 82.56 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

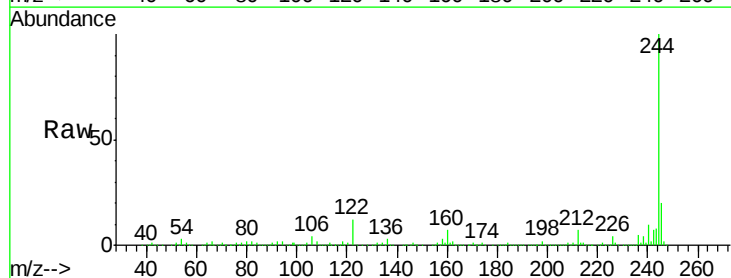
Tgt Ion:244 Resp: 2092623

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

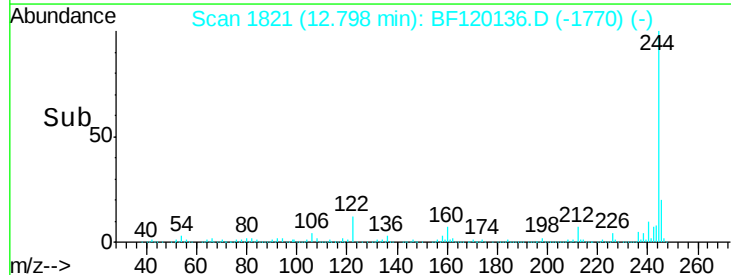
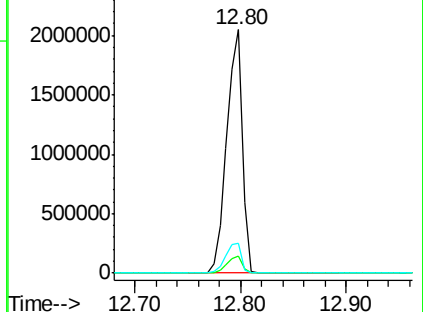
122 12.3 10.3 15.5

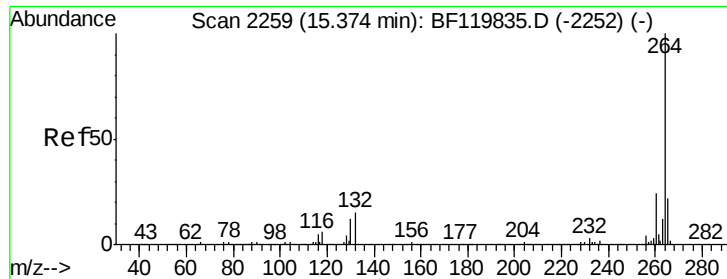


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

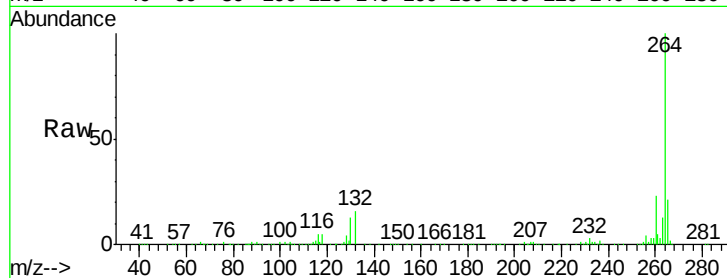




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

Instrument :
BNA_F
ClientSampleId :
TP-13-12-COMP

Tgt Ion: 264 Resp: 363740
Ion Ratio Lower Upper
264 100
260 22.6 18.7 28.1
265 21.4 17.7 26.5



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

