

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120000.D
 Acq On : 15 Apr 2020 18:11
 Operator : MA/SJ
 Sample : L2245-40
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

Quant Time: Apr 16 03:46:22 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 15 11:01:23 2020
 Response via : Initial Calibration

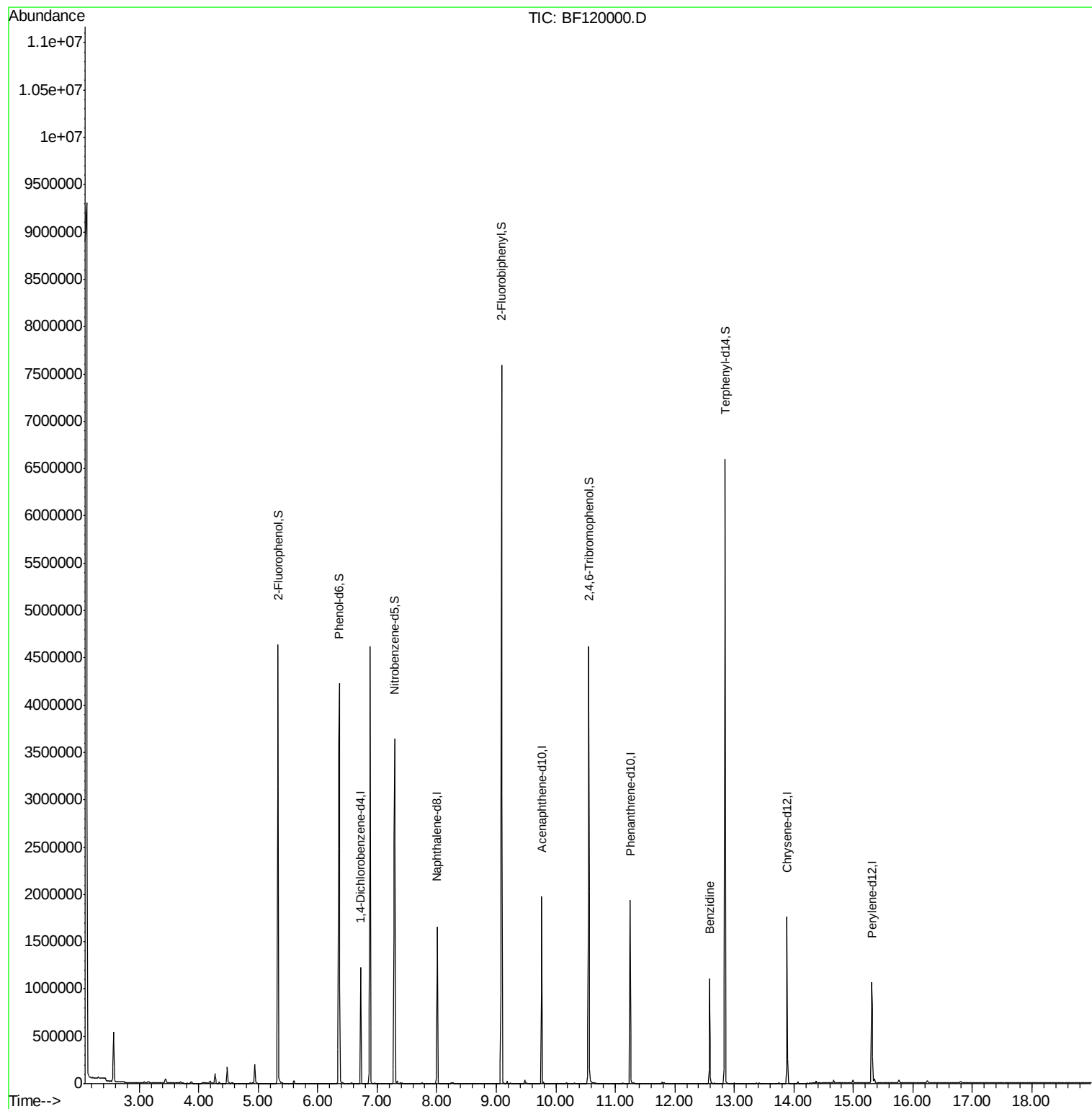
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182122	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	701650	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	377739	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	747348	20.00	ng	0.00
76) Chrysene-d12	13.89	240	587433	20.00	ng	-0.01
87) Perylene-d12	15.31	264	466377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1453557	137.93	ng	0.01
7) Phenol-d6	6.36	99	1649366	121.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	1308086	96.45	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	588481	127.24	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2415707	90.80	ng	0.00
79) Terphenyl-d14	12.85	244	2941234	84.25	ng	0.00
Target Compounds						
77) Benzidine	12.59	184	382752	19.275	ng	Qvalue 96

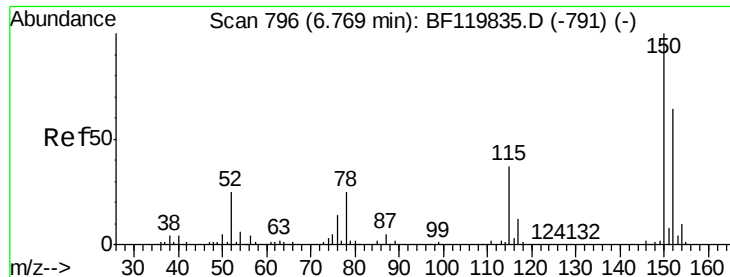
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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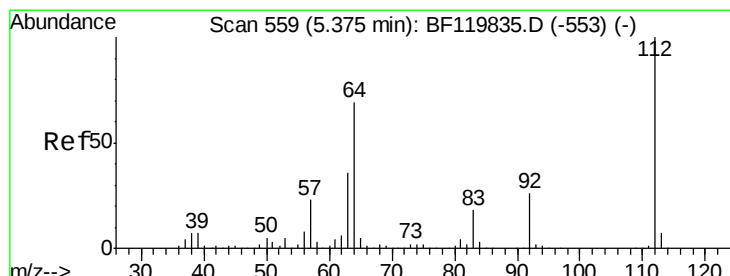
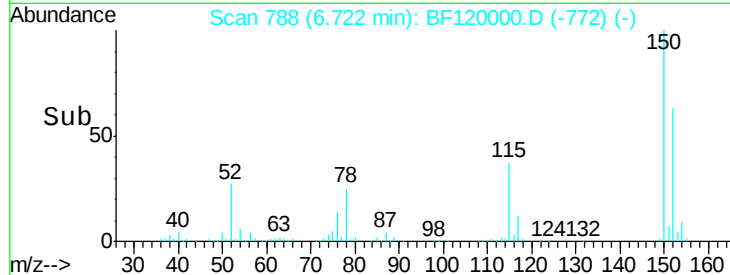
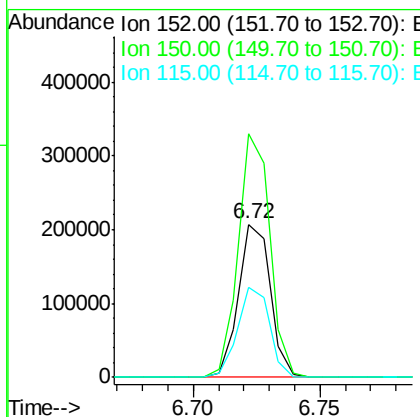
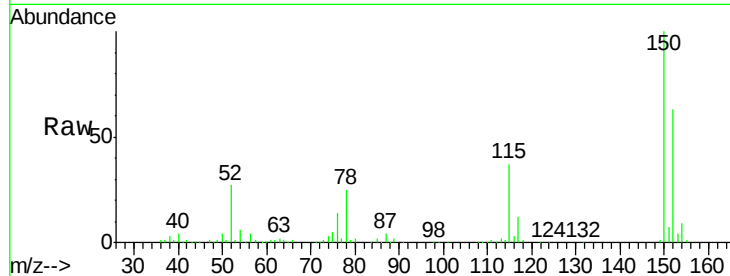




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

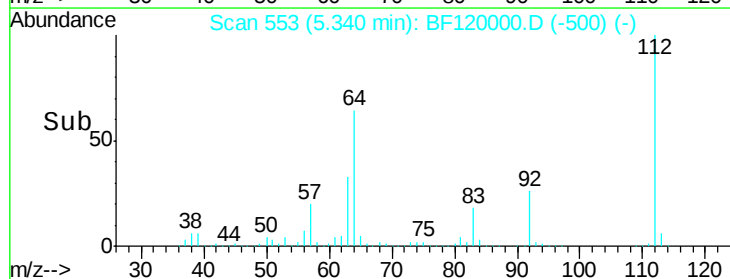
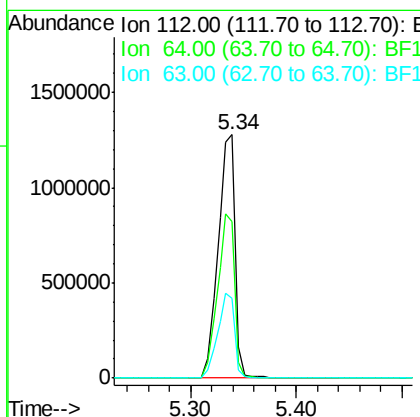
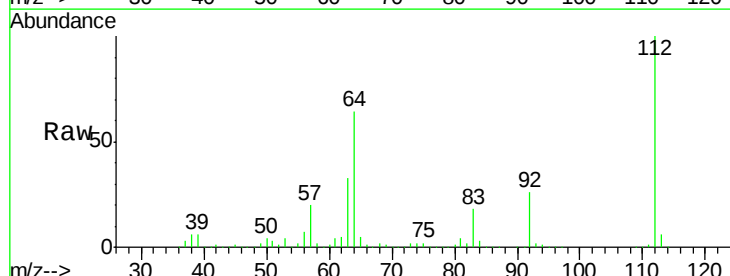
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

Tot Ion:152 Resp: 182122
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.8 187.2
 115 58.7 46.5 69.7



#5
 2-Fluorophenol
 Concen: 137.930 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Tgt Ion:112 Resp: 1453557
 Ion Ratio Lower Upper
 112 100
 64 64.2 55.5 83.3
 63 33.0 29.1 43.7





#7

Phenol-d6

Concen: 121.463 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120000.D

Acq: 15 Apr 2020 18:11

Instrument :

BNA_F

ClientSampleId :

TP-5-13-14

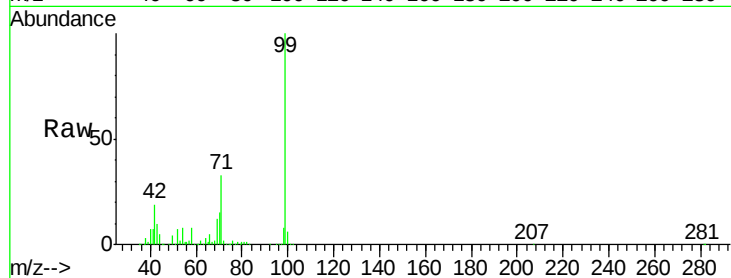
Tot Ion: 99 Resp: 1649366

Ion Ratio Lower Upper

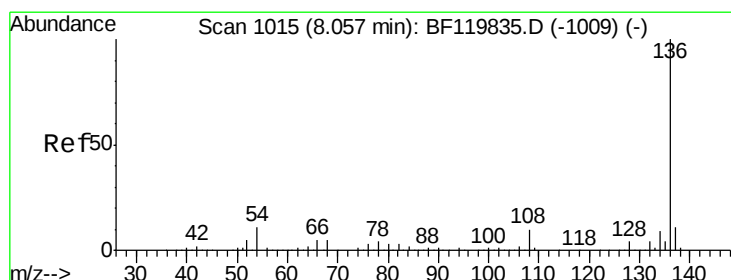
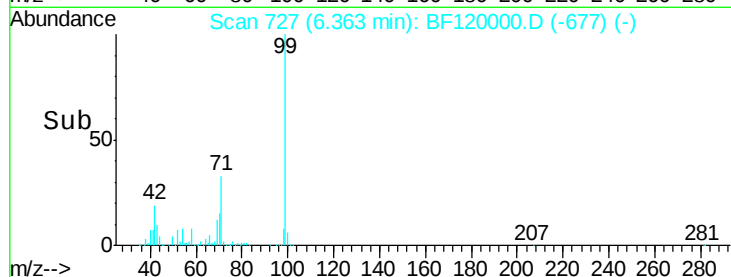
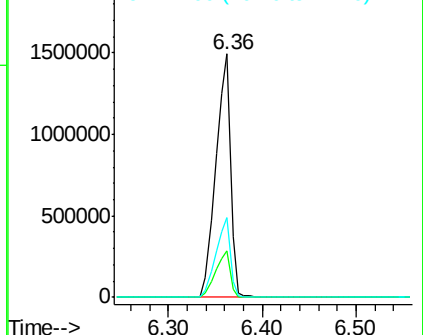
99 100

42 18.9 16.9 25.3

71 32.5 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120000.D

Acq: 15 Apr 2020 18:11

Tgt Ion: 136 Resp: 701650

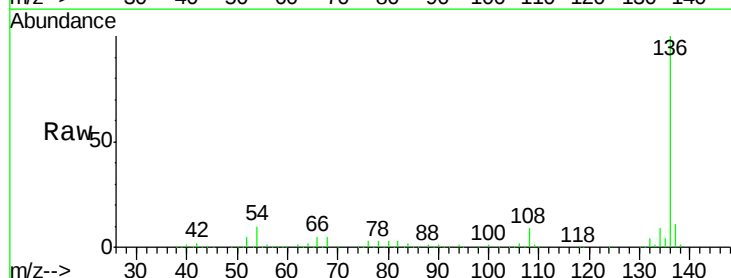
Ion Ratio Lower Upper

136 100

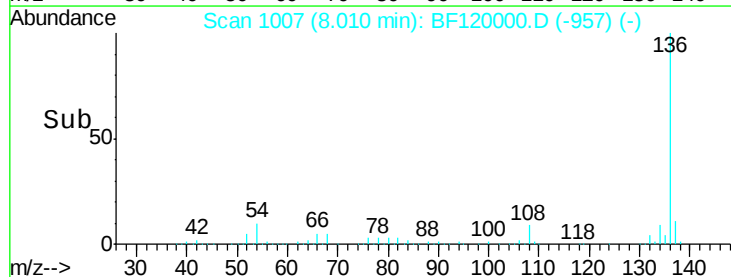
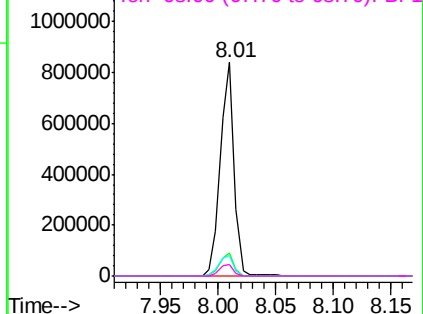
137 10.8 8.7 13.1

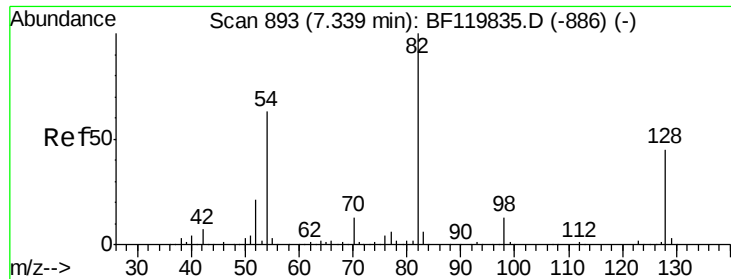
54 9.7 8.5 12.7

68 5.3 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

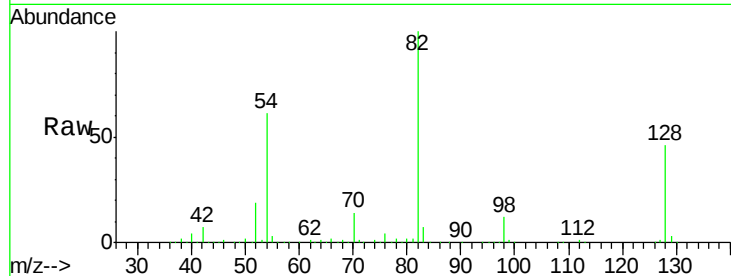




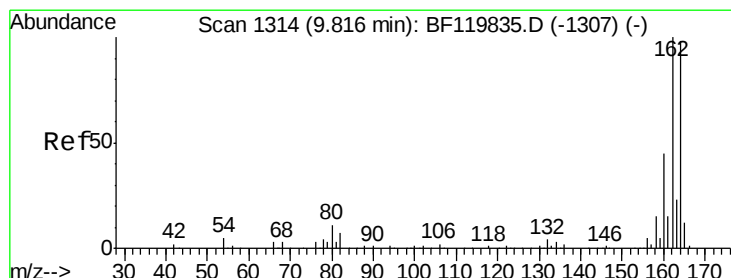
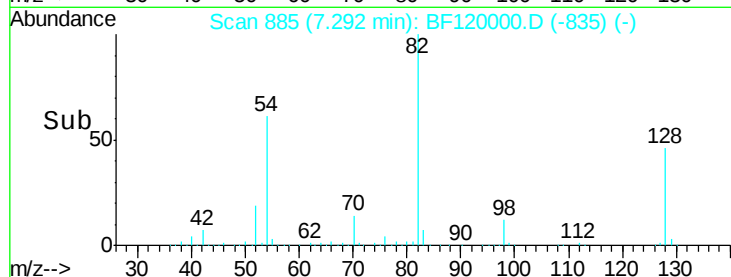
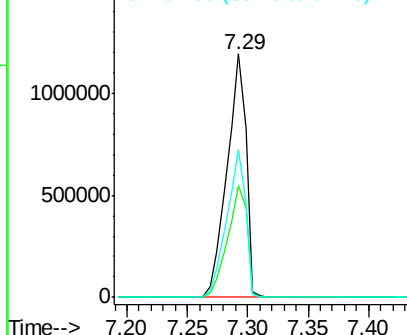
#23
 Nitrobenzene-d5
 Concen: 96.447 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

Tot Ion: 82 Resp: 1308086
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.2 54.4
 54 60.7 50.4 75.6

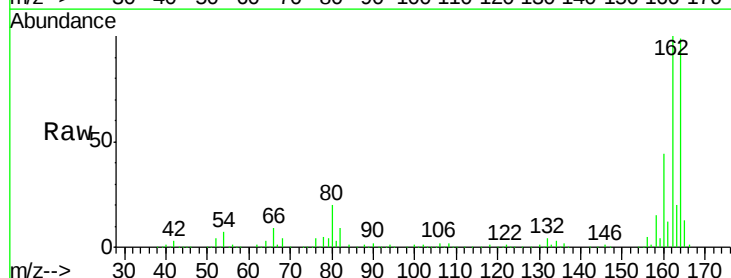


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

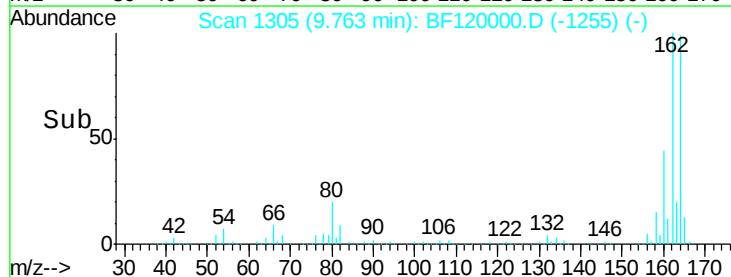
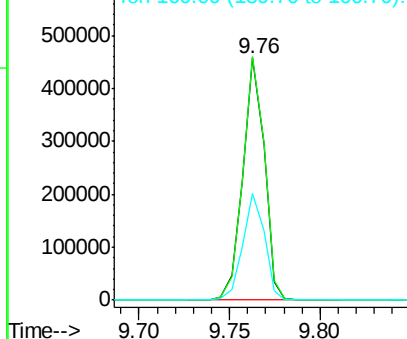


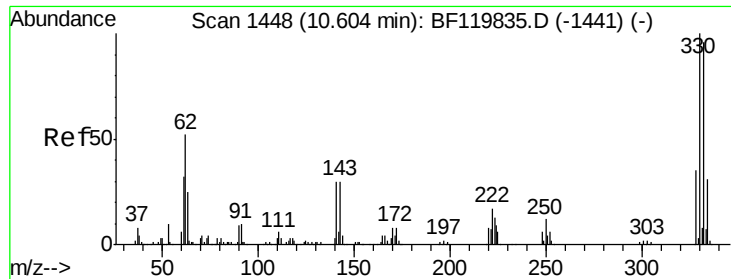
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Tgt Ion:164 Resp: 377739
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.9 122.9
 160 43.9 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

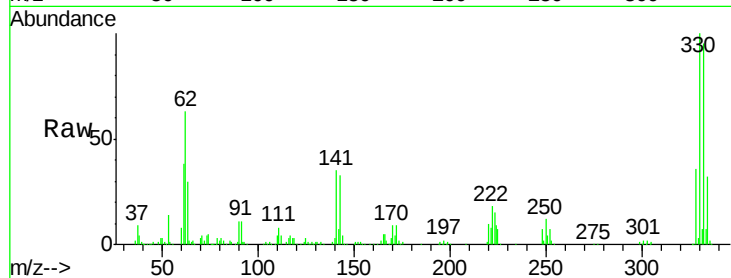




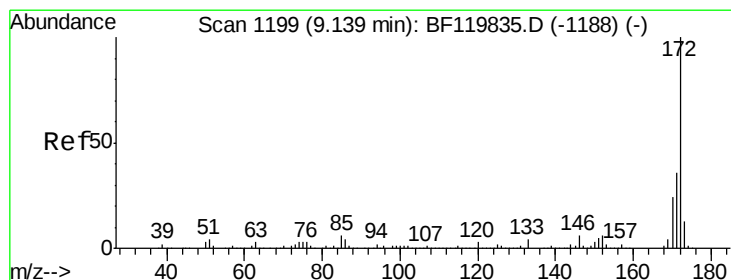
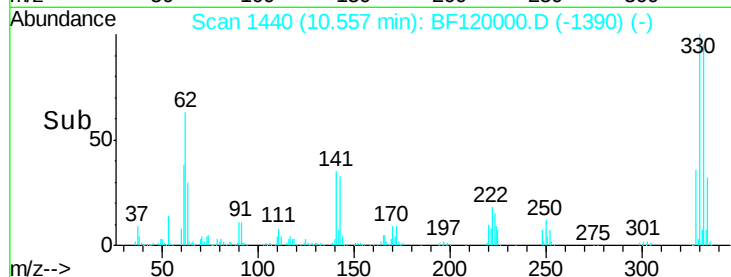
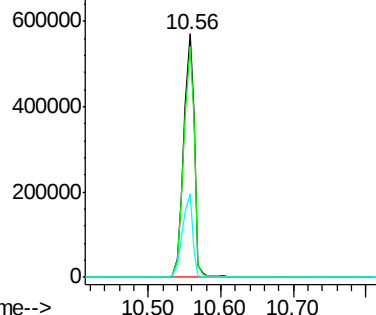
#42
 2,4,6-Tribromophenol
 Concen: 127.244 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

Tot Ion:330 Resp: 588481
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.8 115.2
 141 33.2 25.1 37.7

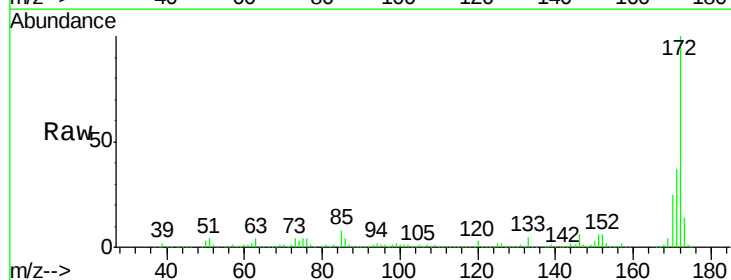


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

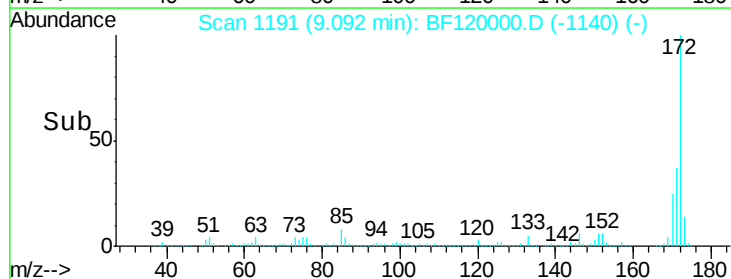
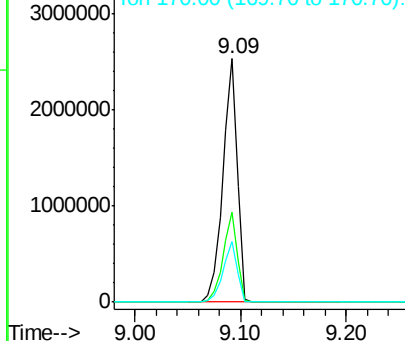


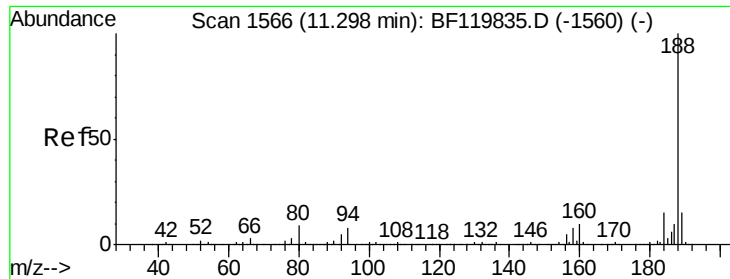
#45
 2-Fluorobiphenyl
 Concen: 90.798 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120000.D
 Acq: 15 Apr 2020 18:11

Tgt Ion:172 Resp: 2415707
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.9 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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120000.D

Acq: 15 Apr 2020 18:11

Instrument :

BNA_F

ClientSampled :

TP-5-13-14

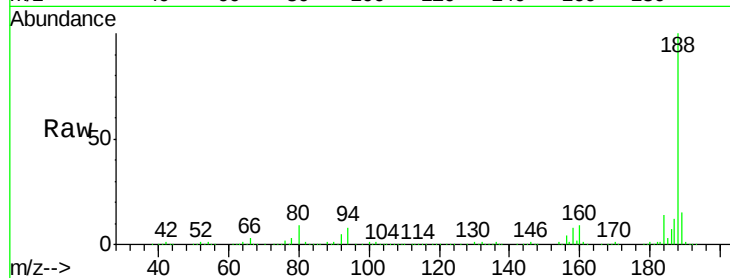
Tot Ion:188 Resp: 747348

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

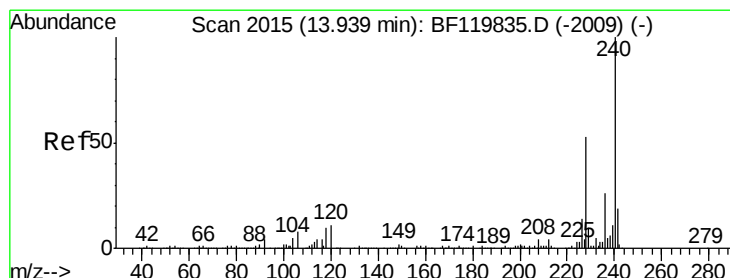
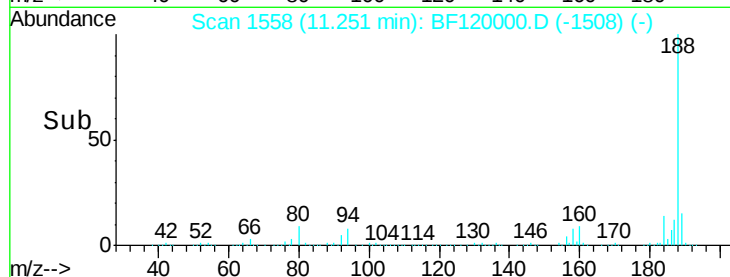
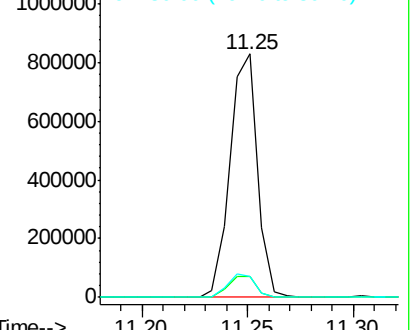
80 8.6 7.4 11.2



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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF120000.D

Acq: 15 Apr 2020 18:11

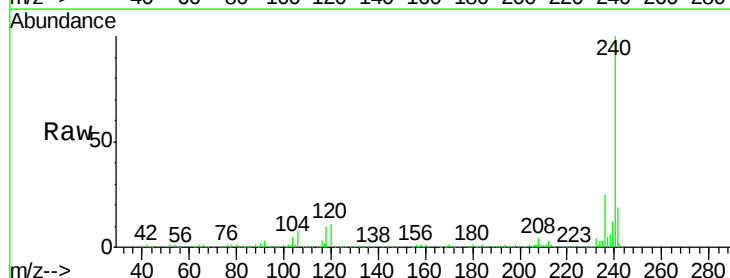
Tgt Ion:240 Resp: 587433

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

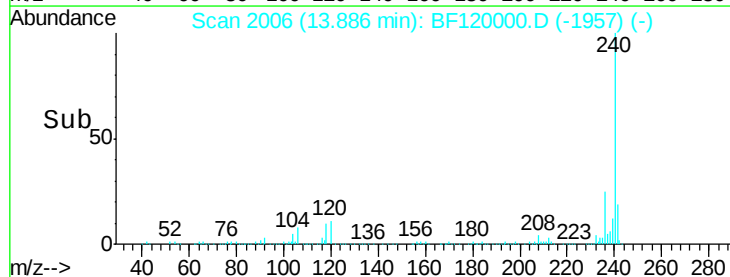
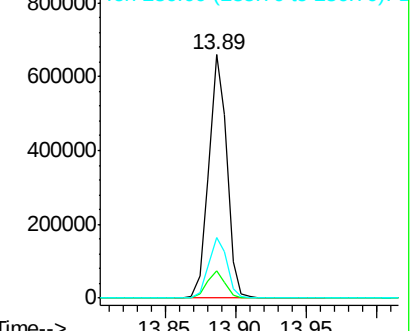
236 24.8 20.7 31.1

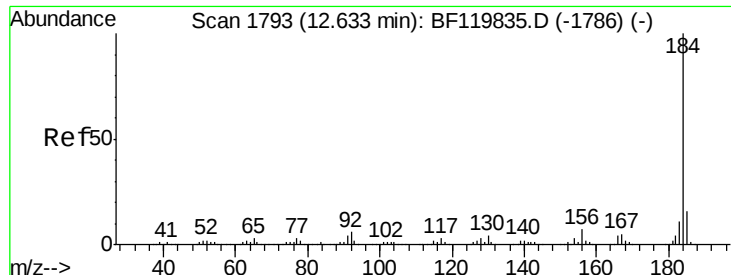


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

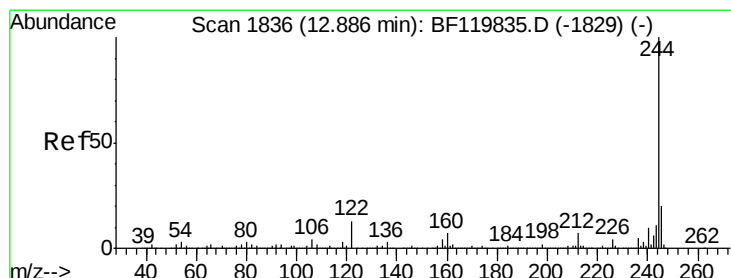
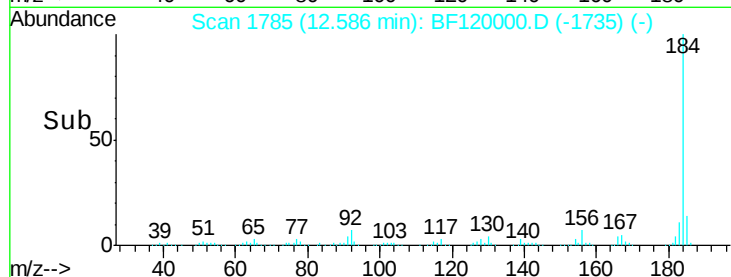
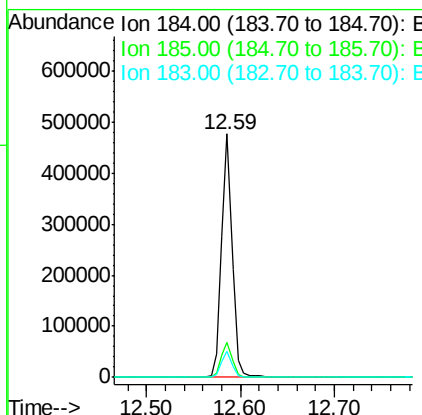
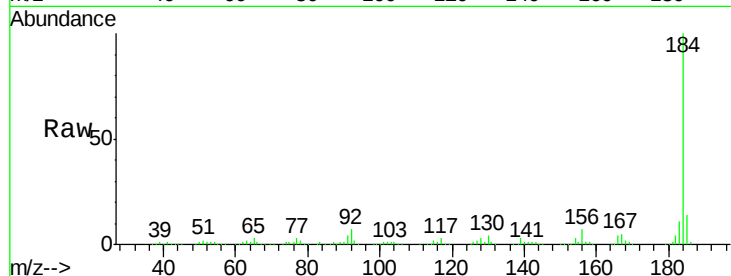




#77
Benzidine
Concen: 19.275 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

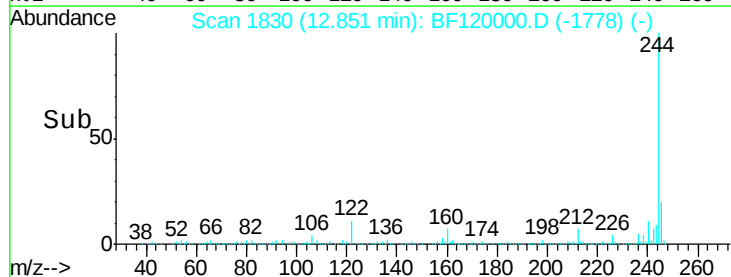
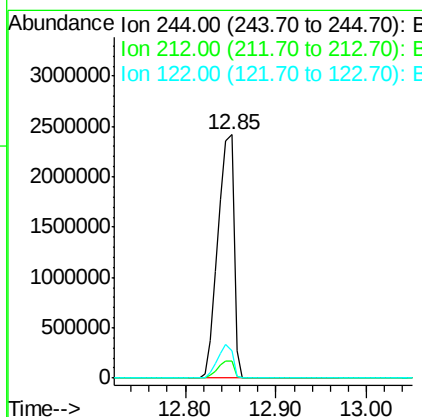
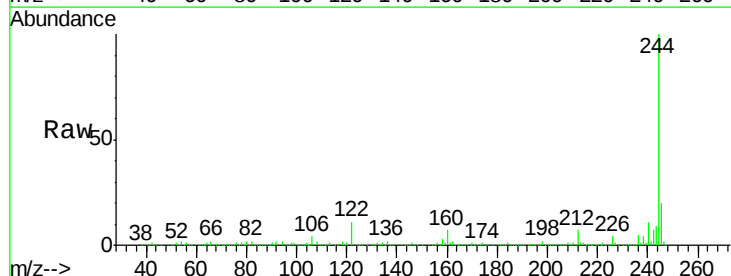
Instrument :
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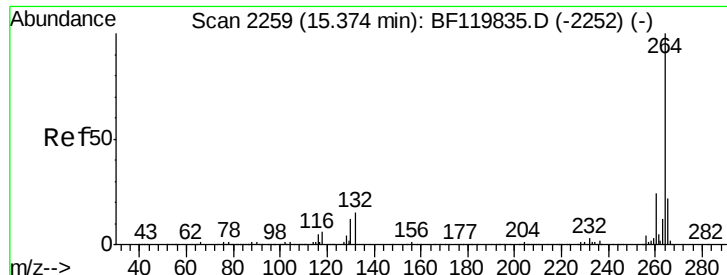
Tot Ion:184 Resp: 382752
Ion Ratio Lower Upper
184 100
185 14.3 13.2 19.8
183 10.5 9.1 13.7



#79
Terphenyl-d14
Concen: 84.249 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

Tgt Ion:244 Resp: 2941234
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.2 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120000.D
Acq: 15 Apr 2020 18:11

Instrument :
BNA_F
ClientSampleId :
TP-5-13-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.3	17.6	26.4

