

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120135.D
 Acq On : 22 Apr 2020 17:05
 Operator : MA/SJ
 Sample : L2350-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Quant Time: Apr 22 17:37:53 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

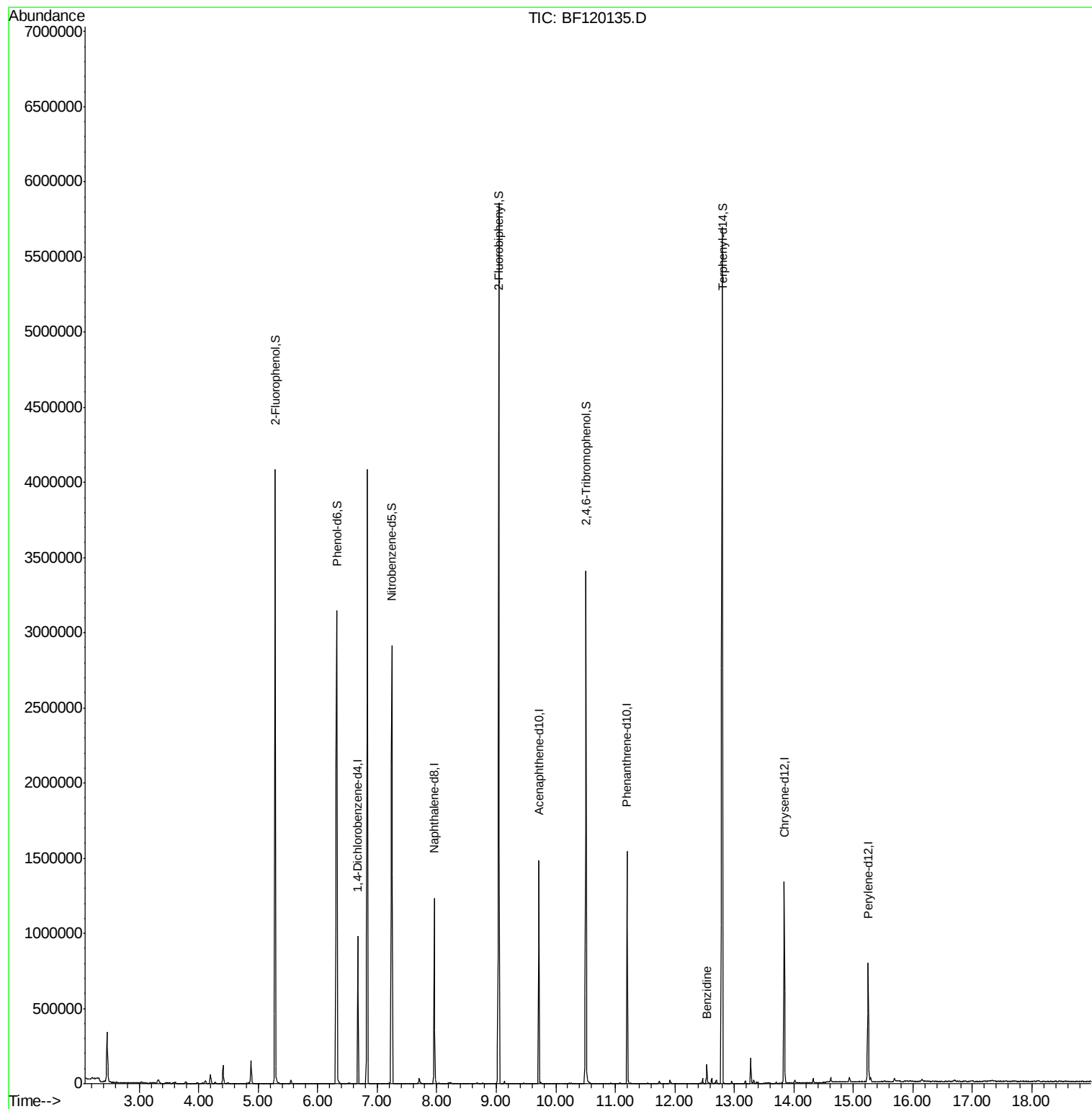
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	135224	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	516357	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	267023	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	527438	20.00	ng	0.00
76) Chrysene-d12	13.84	240	412940	20.00	ng	-0.01
87) Perylene-d12	15.25	264	357469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1053723	134.67	ng	0.00
7) Phenol-d6	6.32	99	1250452	124.02	ng	0.00
23) Nitrobenzene-d5	7.25	82	963449	96.53	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	432251	132.22	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1826543	97.12	ng	0.00
79) Terphenyl-d14	12.80	244	2162217	88.11	ng	0.00
Target Compounds						
77) Benzidine	12.54	184	47080	3.37	ng	Qvalue 98

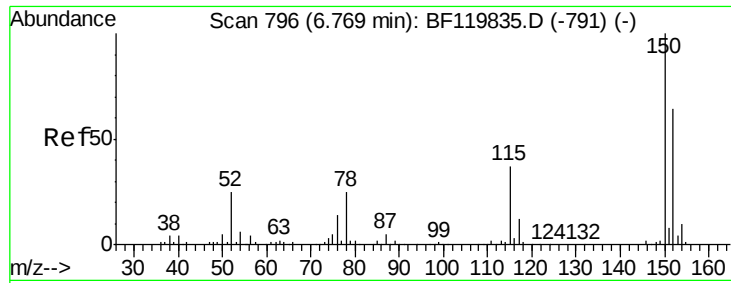
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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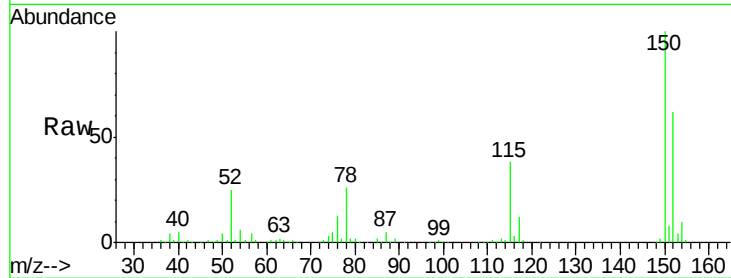


#1

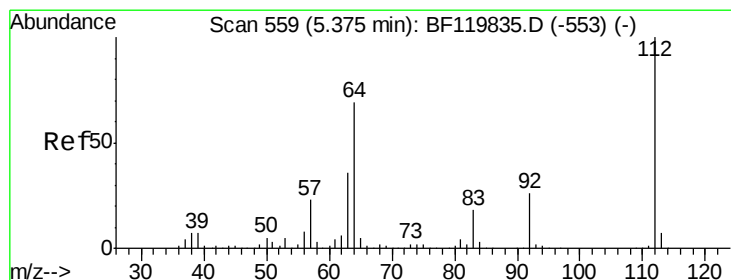
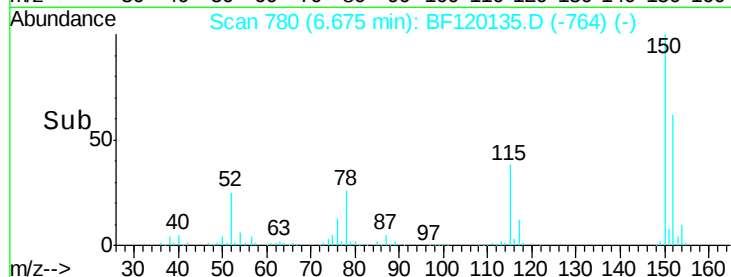
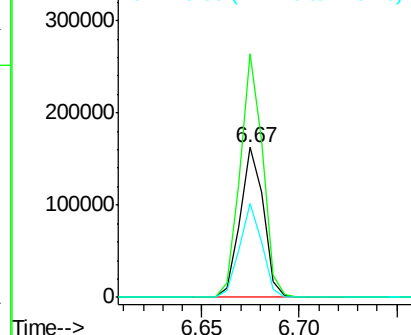
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120135.D
Acq: 22 Apr 2020 17:05

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tgt Ion:152 Resp: 135224
Ion Ratio Lower Upper
152 100
150 162.4 124.5 186.7
115 62.3 49.6 74.4



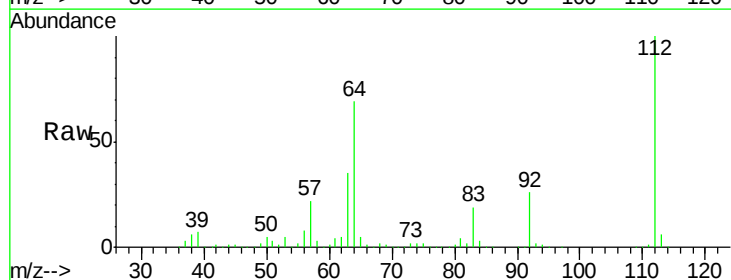
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



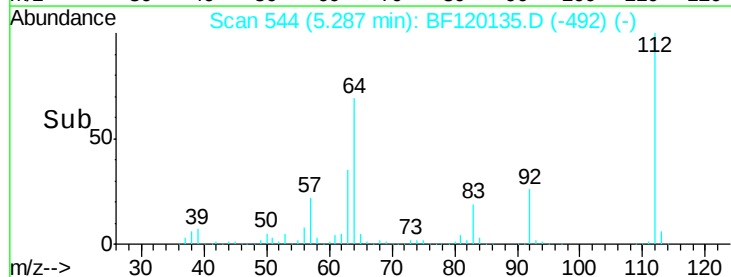
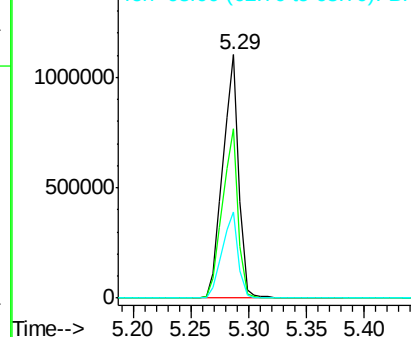
#5

2-Fluorophenol
Concen: 134.67 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120135.D
Acq: 22 Apr 2020 17:05

Tgt Ion:112 Resp: 1053723
Ion Ratio Lower Upper
112 100
64 69.4 56.7 85.1
63 35.4 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: 124.02 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120135.D

Acq: 22 Apr 2020 17:05

Instrument :

BNA_F

ClientSampled :

TP-5-D

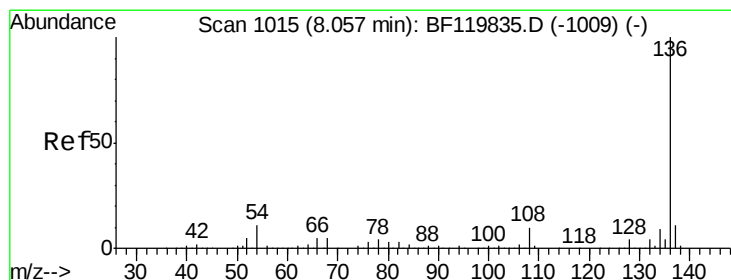
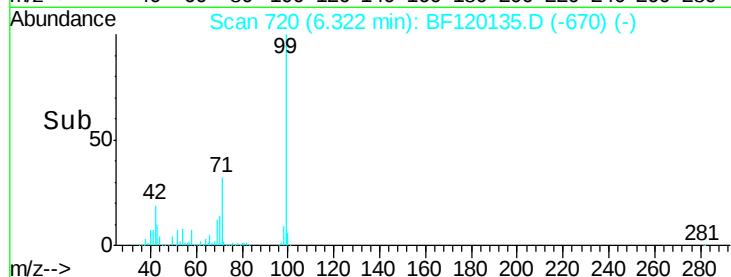
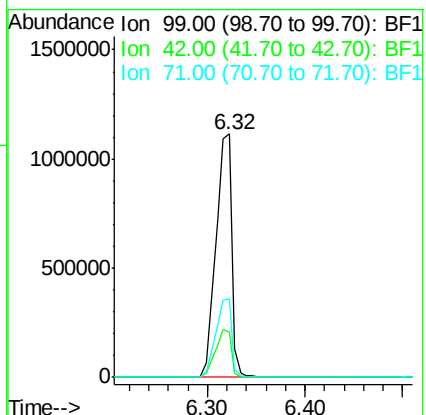
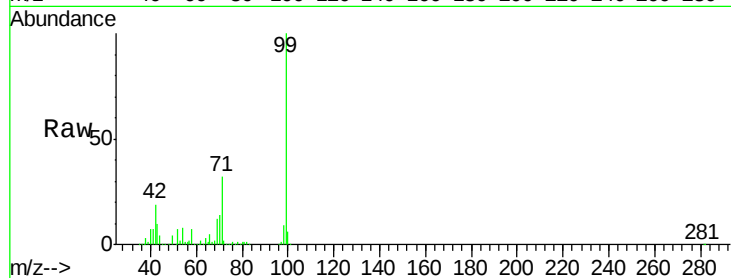
Tgt Ion: 99 Resp: 1250452

Ion Ratio Lower Upper

99 100

42 18.7 16.6 24.8

71 32.0 26.4 39.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120135.D

Acq: 22 Apr 2020 17:05

Tgt Ion: 136 Resp: 516357

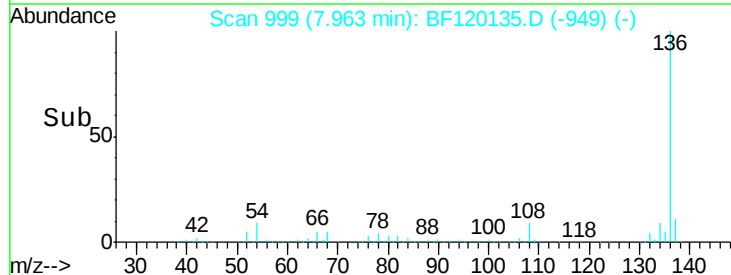
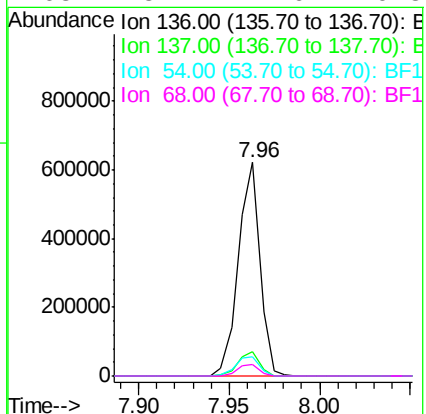
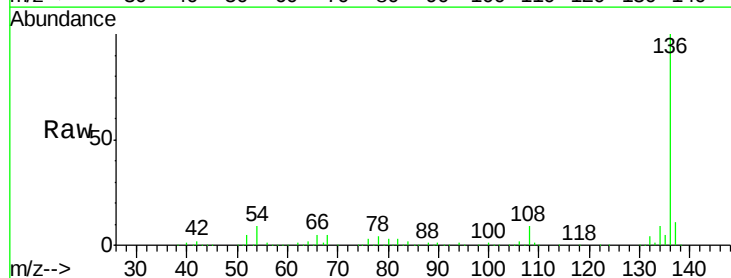
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.3 9.1 13.7

68 5.4 4.6 6.8

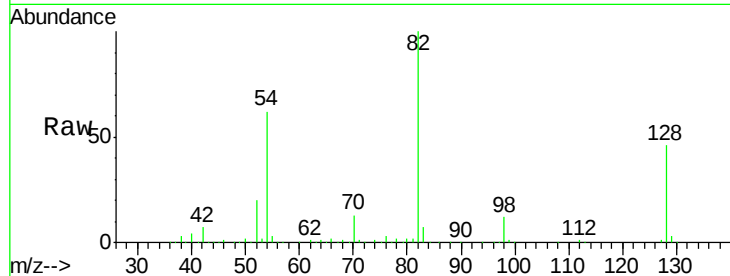




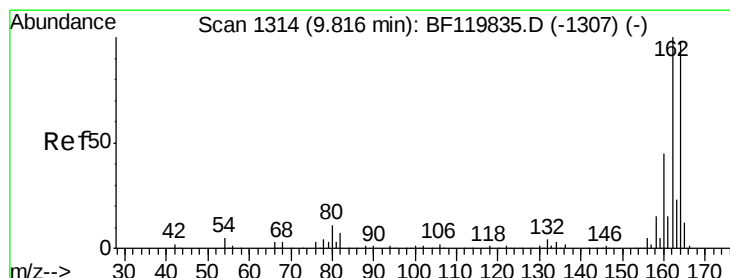
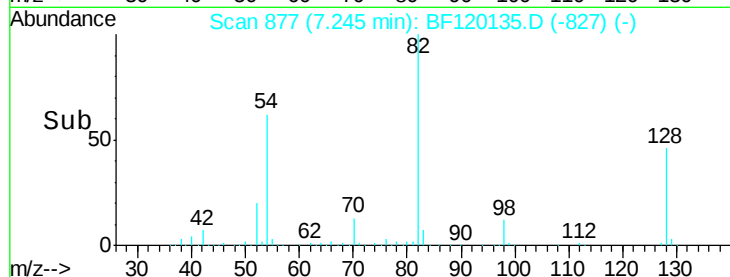
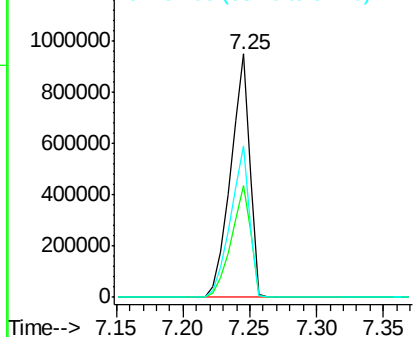
#23
 Nitrobenzene-d5
 Concen: 96.53 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120135.D
 Acq: 22 Apr 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Tgt Ion: 82 Resp: 963449
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.3 54.5
 54 62.0 50.6 75.8

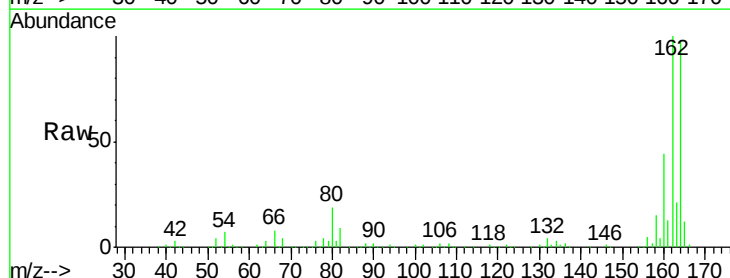


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

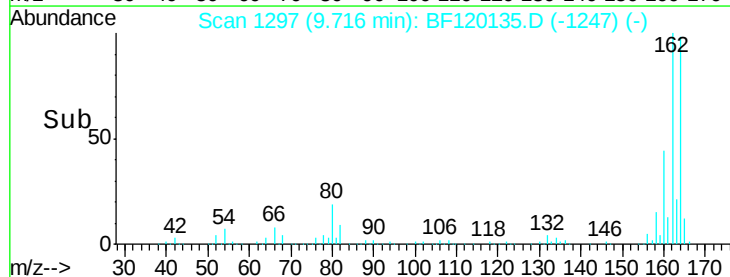
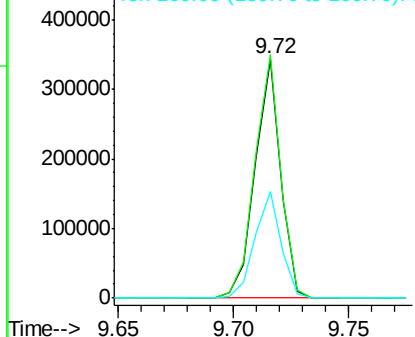


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120135.D
 Acq: 22 Apr 2020 17:05

Tgt Ion: 164 Resp: 267023
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 121.0
 160 44.8 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

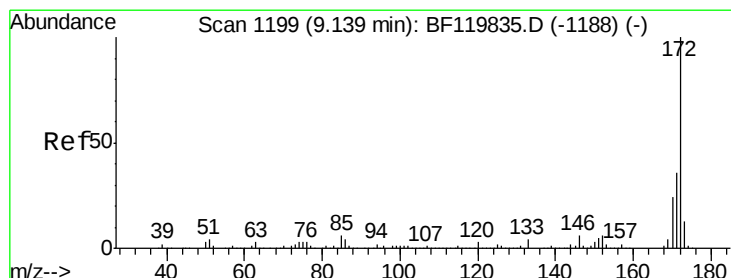
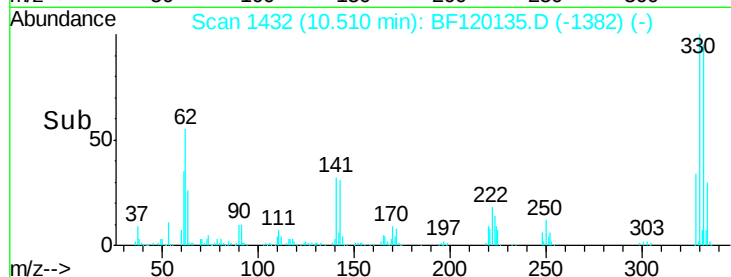
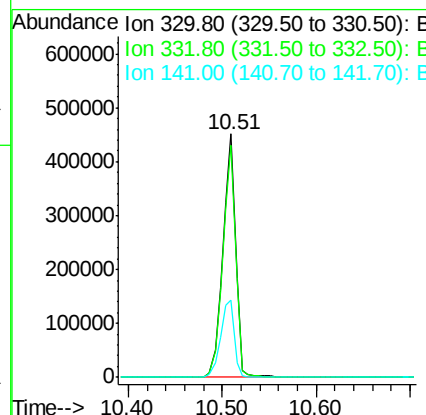
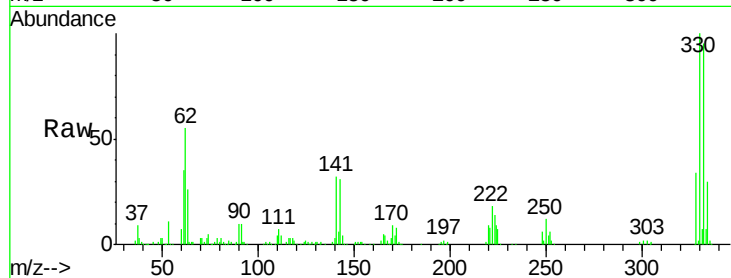




#42
 2,4,6-Tribromophenol
 Concen: 132.22 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120135.D
 Acq: 22 Apr 2020 17:05

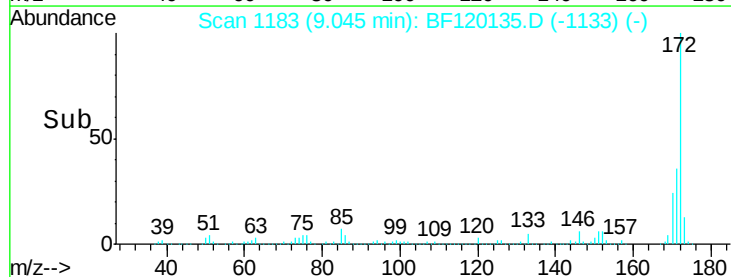
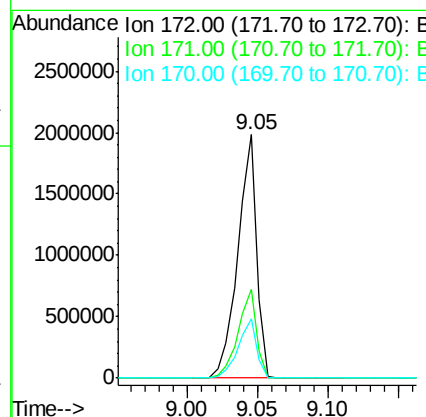
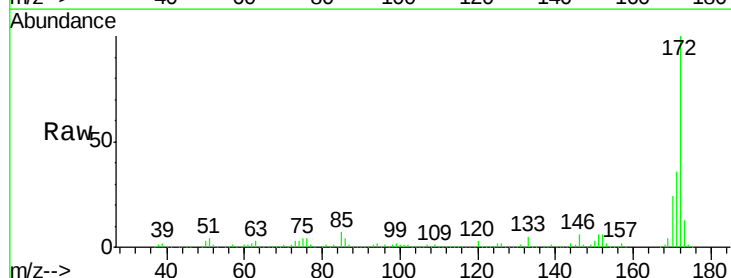
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

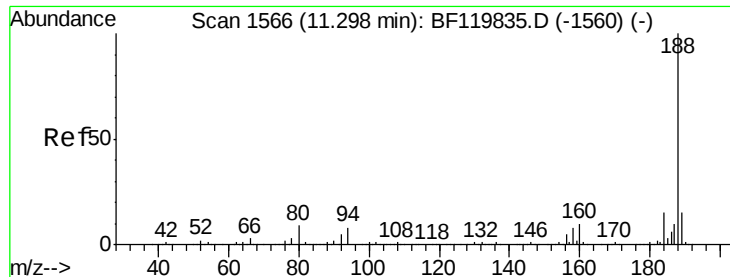
Tgt Ion:330 Resp: 432251
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.7 113.5
 141 34.7 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 97.12 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120135.D
 Acq: 22 Apr 2020 17:05

Tgt Ion:172 Resp: 1826543
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.2 20.2 30.2

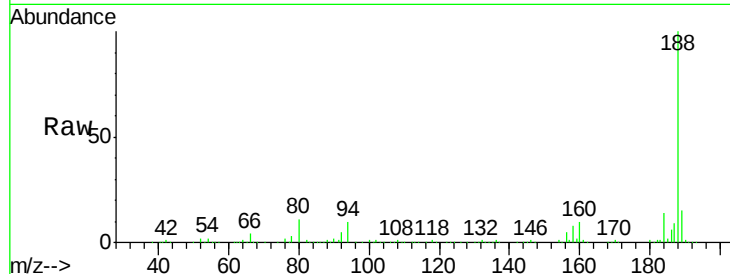




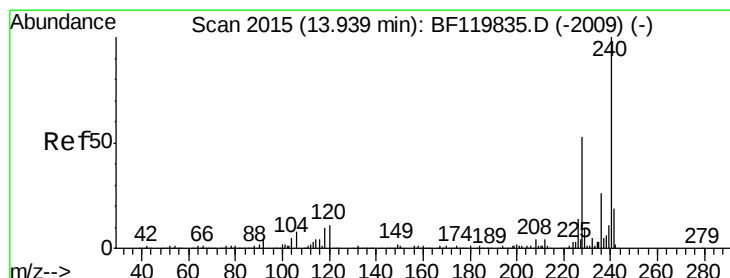
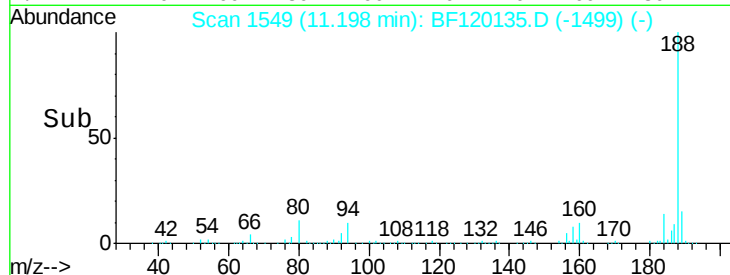
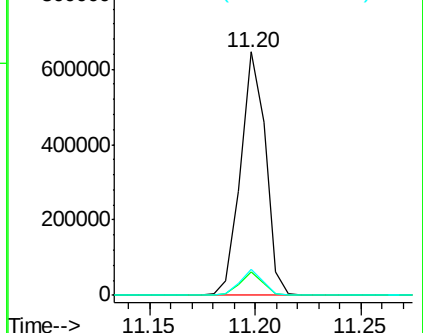
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120135.D
Acq: 22 Apr 2020 17:05

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tgt Ion:188 Resp: 527438
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.9 9.0 13.4

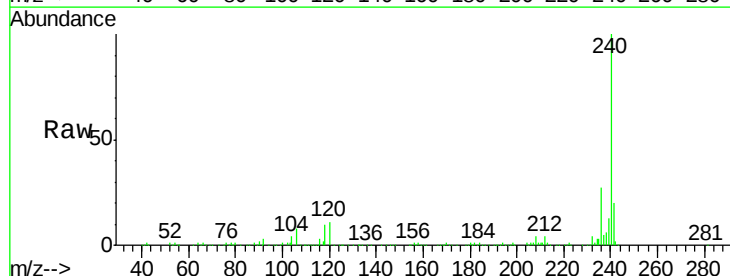


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

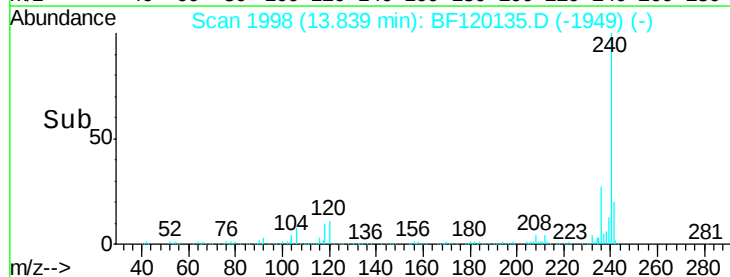
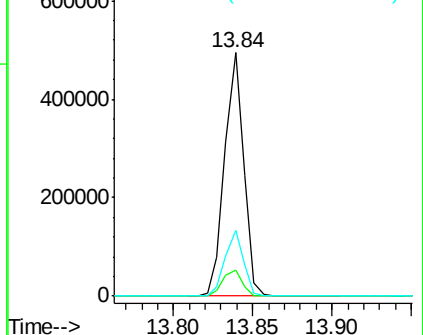


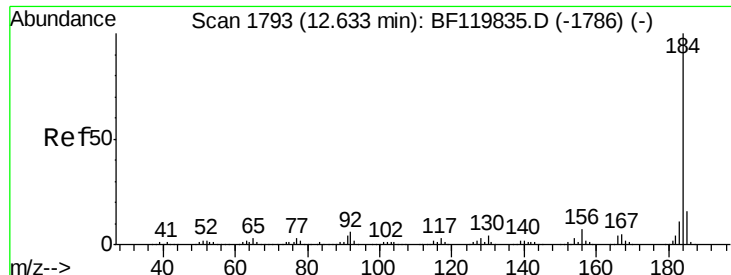
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120135.D
Acq: 22 Apr 2020 17:05

Tgt Ion:240 Resp: 412940
Ion Ratio Lower Upper
240 100
120 10.9 10.6 15.8
236 27.1 20.2 30.2



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

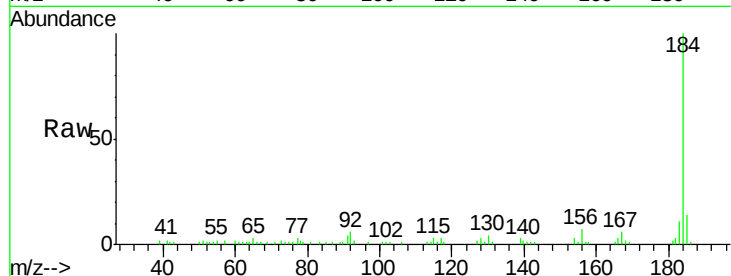




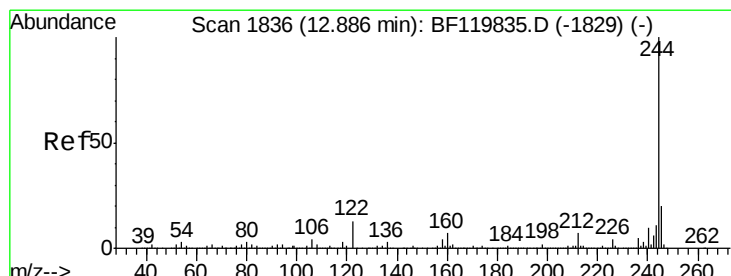
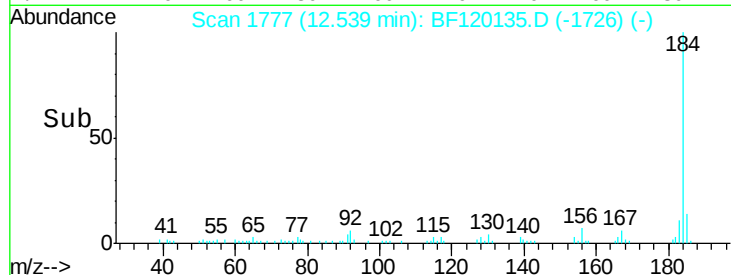
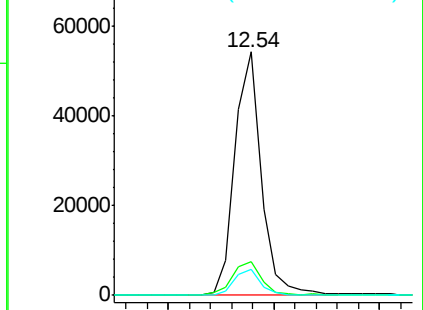
#77
Benzidine
Concen: 3.37 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF120135.D
Acq: 22 Apr 2020 17:05

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tgt Ion:184 Resp: 47080
Ion Ratio Lower Upper
184 100
185 14.1 12.3 18.5
183 10.8 9.0 13.6

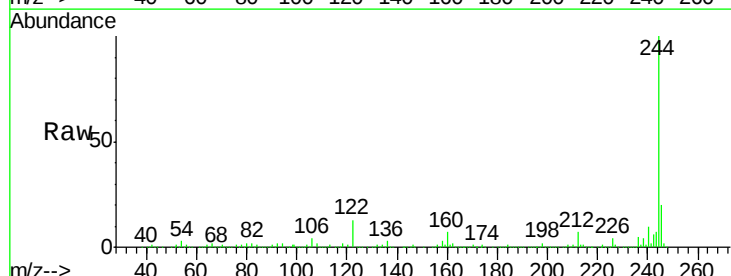


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

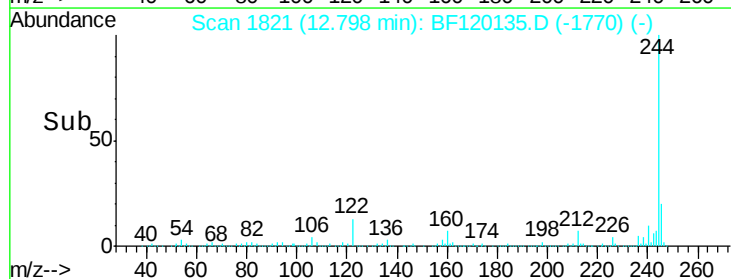
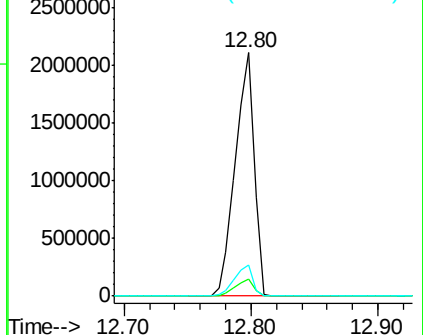


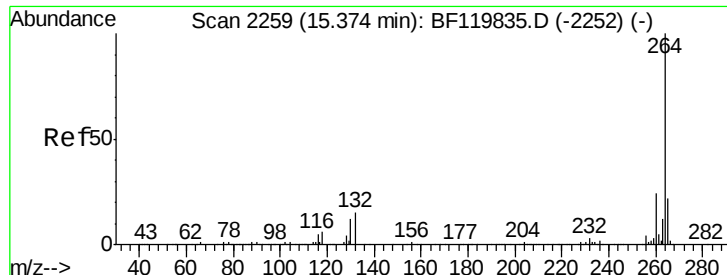
#79
Terphenyl-d14
Concen: 88.11 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF120135.D
Acq: 22 Apr 2020 17:05

Tgt Ion:244 Resp: 2162217
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 13.0 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: BF120135.D

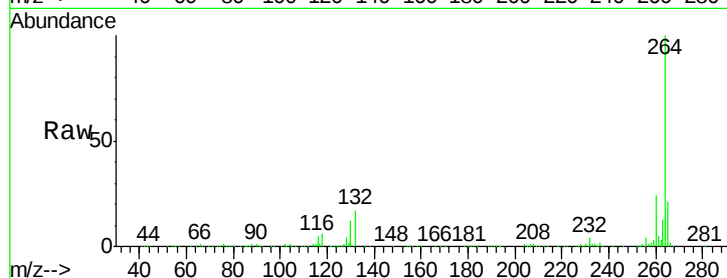
Acq: 22 Apr 2020 17:05

Instrument :

BNA_F

ClientSampleId :

TP-5-D



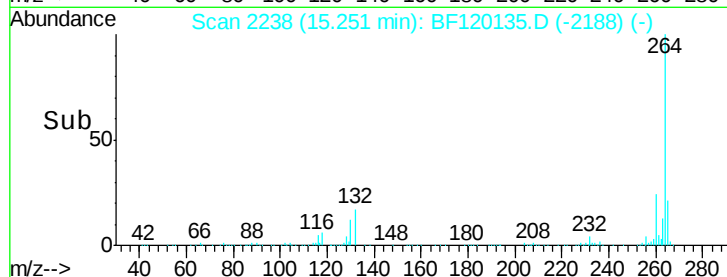
Tgt Ion: 264 Resp: 357469

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.3 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

400000

300000

200000

100000

0

15.25

15.20

15.25

15.30

Time-->