

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120127.D
 Acq On : 22 Apr 2020 13:26
 Operator : MA/SJ
 Sample : L2327-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Quant Time: Apr 22 14:25:13 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

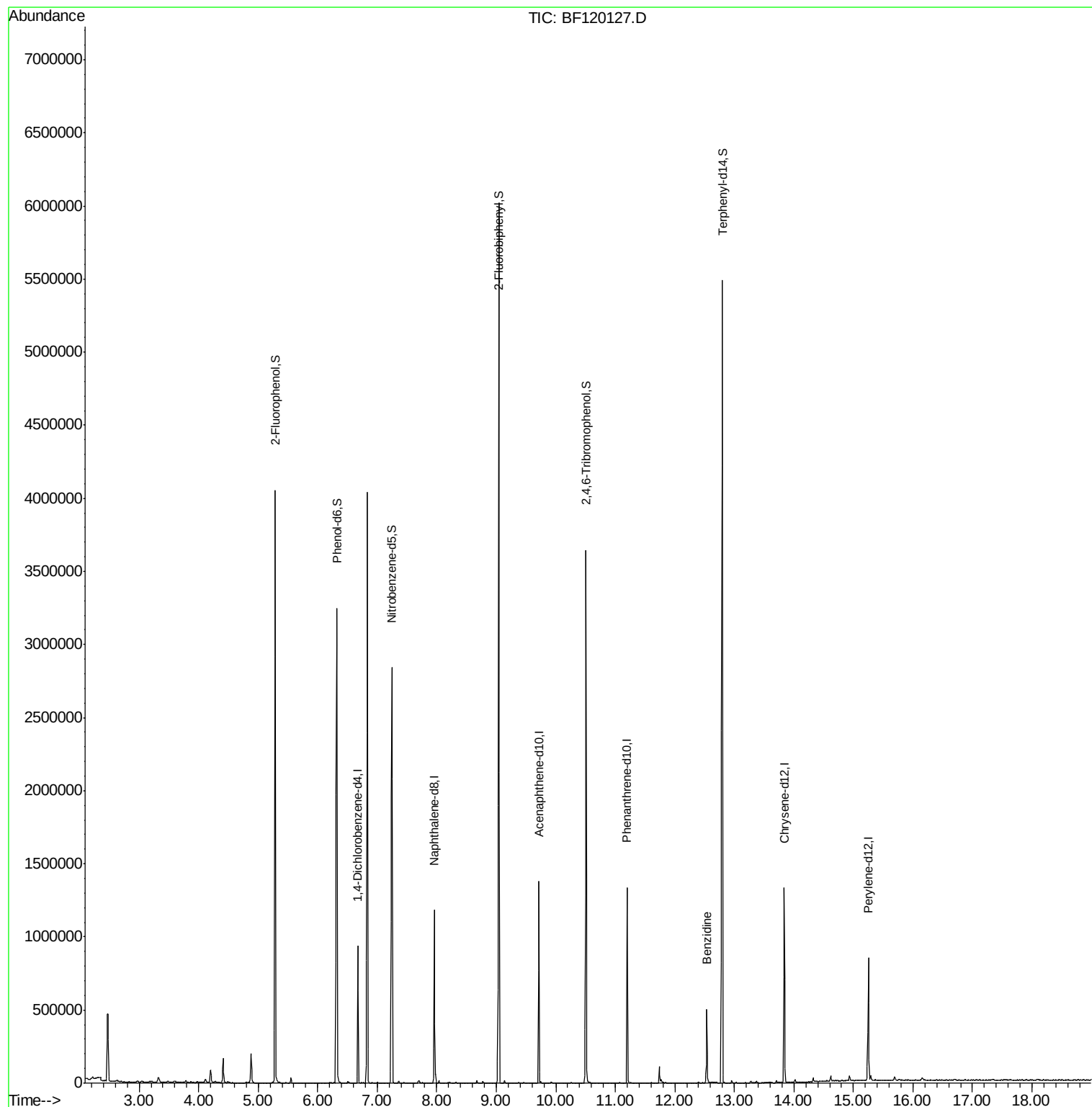
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	127295	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	486789	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	247902	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	482714	20.00	ng	0.00
76) Chrysene-d12	13.84	240	403032	20.00	ng	-0.01
87) Perylene-d12	15.25	264	352380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1078148	146.37	ng	0.00
7) Phenol-d6	6.32	99	1197608	126.18	ng	0.00
23) Nitrobenzene-d5	7.25	82	985117	104.69	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	418338	137.83	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1823530	104.44	ng	0.00
79) Terphenyl-d14	12.80	244	2075507	86.65	ng	0.00
Target Compounds						
77) Benzidine	12.54	184	174988	12.84	ng	Qvalue 99

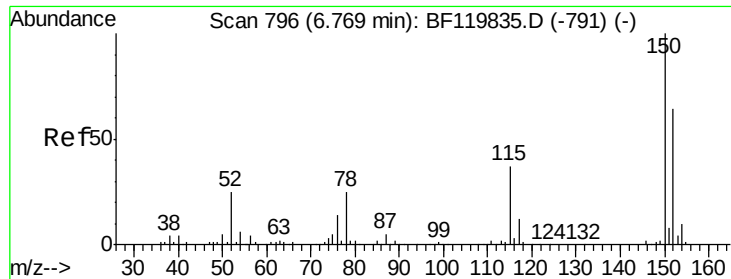
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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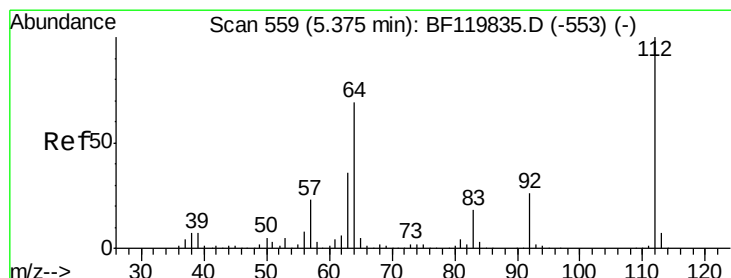
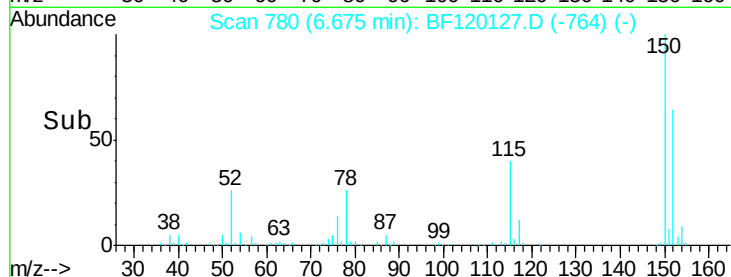
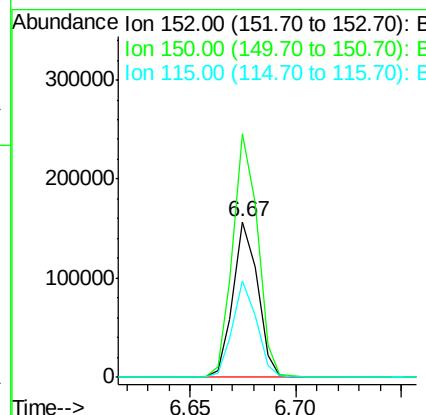
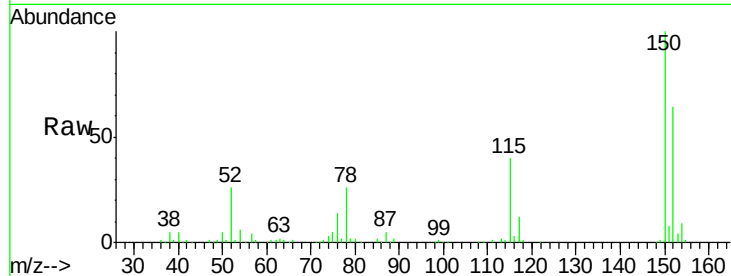


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120127.D
Acq: 22 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
TP-4-S

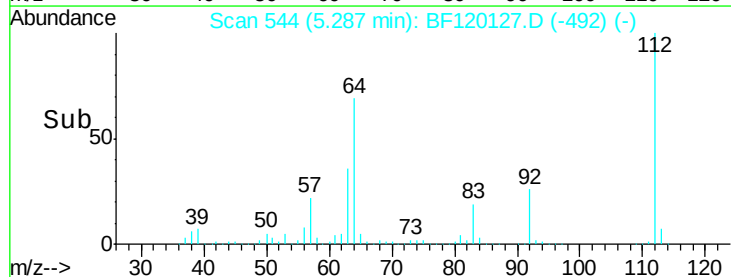
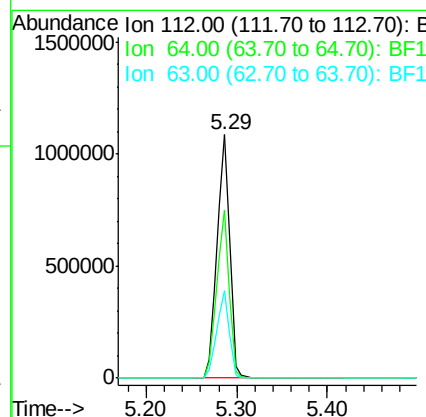
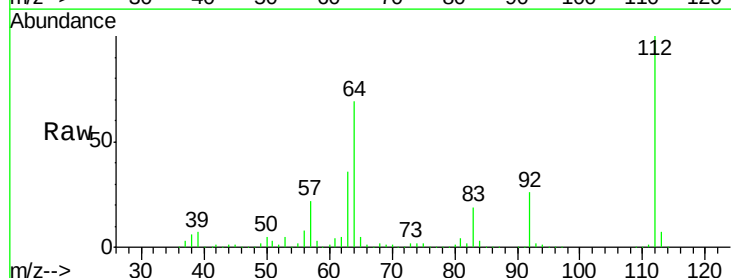
Tgt Ion:152 Resp: 127295
Ion Ratio Lower Upper
152 100
150 156.3 124.5 186.7
115 61.9 49.6 74.4

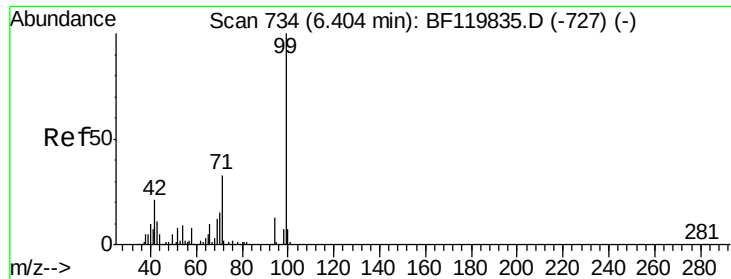


#5

2-Fluorophenol
Concen: 146.37 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF120127.D
Acq: 22 Apr 2020 13:26

Tgt Ion:112 Resp: 1078148
Ion Ratio Lower Upper
112 100
64 68.9 56.7 85.1
63 36.2 29.5 44.3





#7

Phenol-d6

Concen: 126.18 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120127.D

Acq: 22 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

TP-4-S

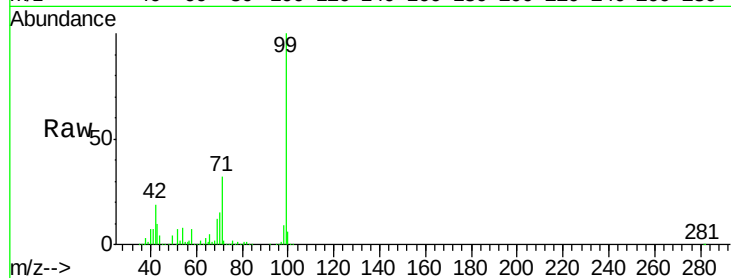
Tgt Ion: 99 Resp: 1197608

Ion Ratio Lower Upper

99 100

42 18.9 16.6 24.8

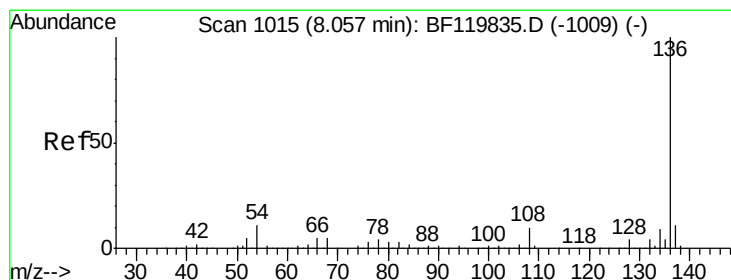
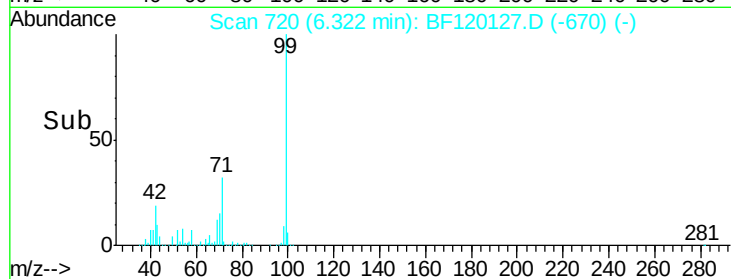
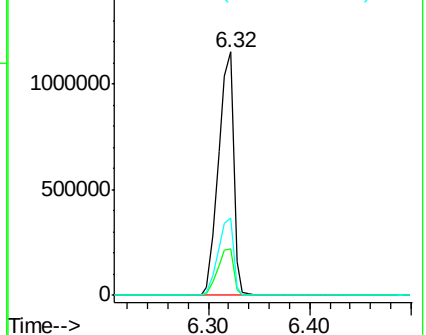
71 31.8 26.4 39.6



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: BF120127.D

Acq: 22 Apr 2020 13:26

Tgt Ion: 136 Resp: 486789

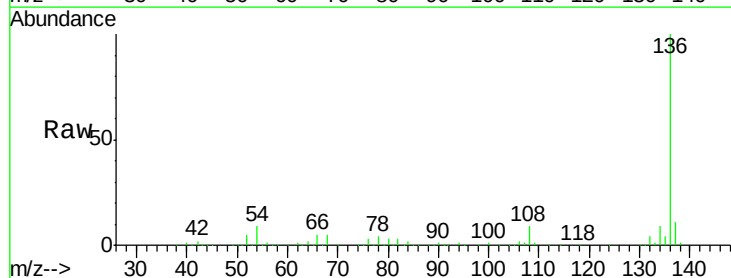
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.5 9.1 13.7

68 5.1 4.6 6.8

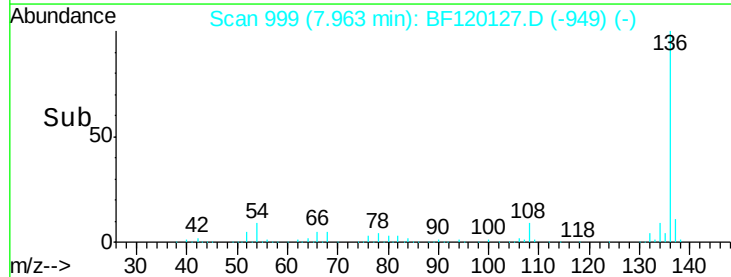
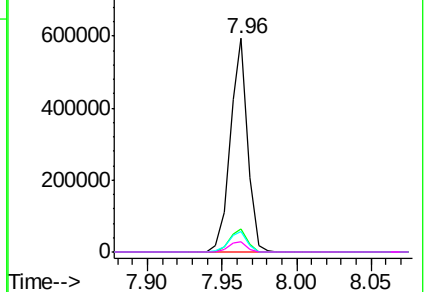


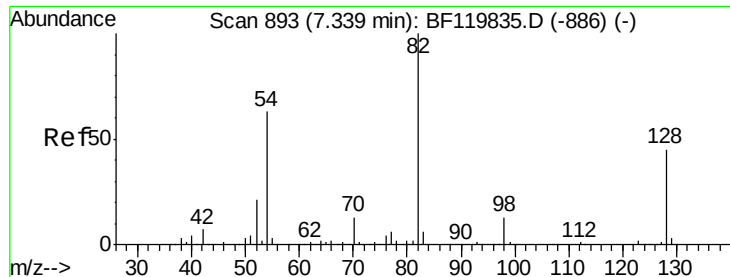
Abundance Ion 136.00 (135.70 to 136.70): E

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

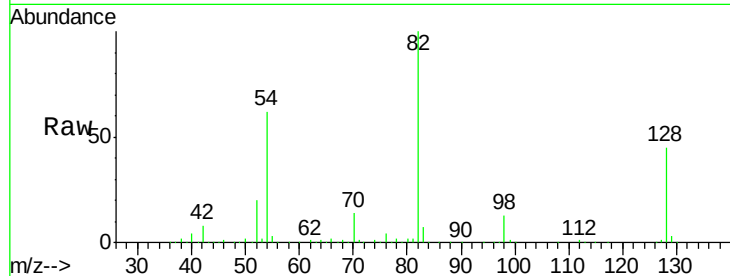




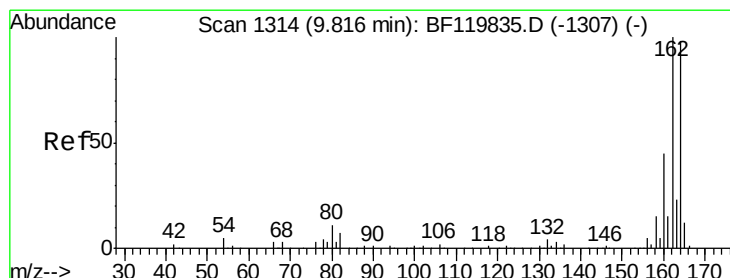
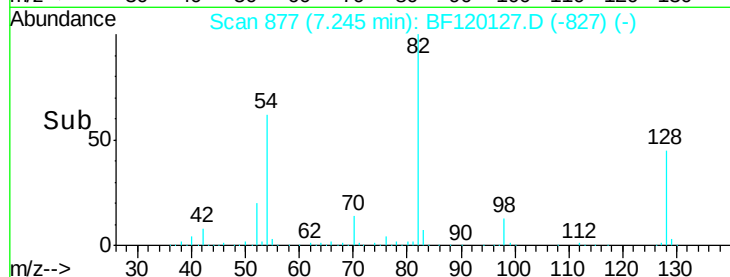
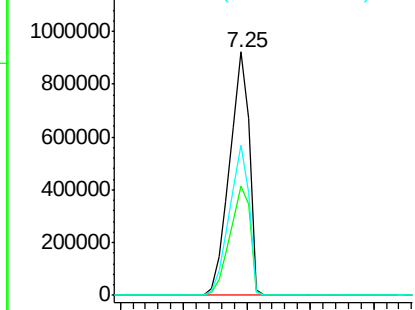
#23
 Nitrobenzene-d5
 Concen: 104.69 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF120127.D
 Acq: 22 Apr 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tgt Ion: 82 Resp: 985117
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.3 54.5
 54 61.8 50.6 75.8

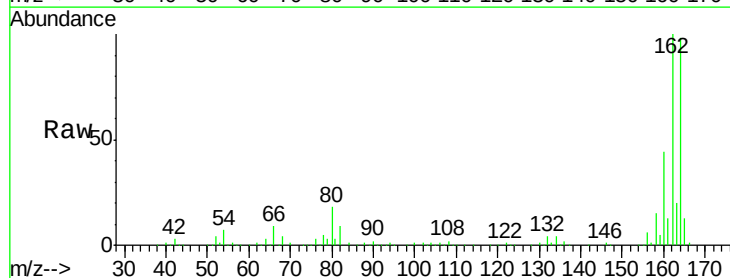


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

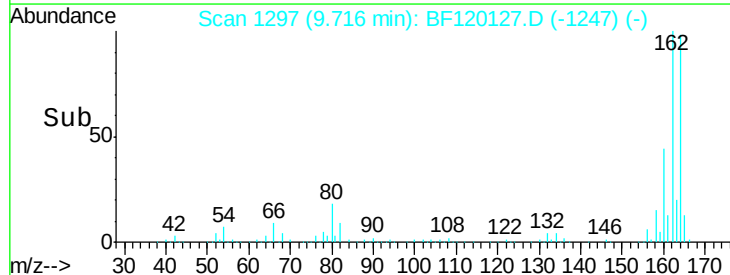
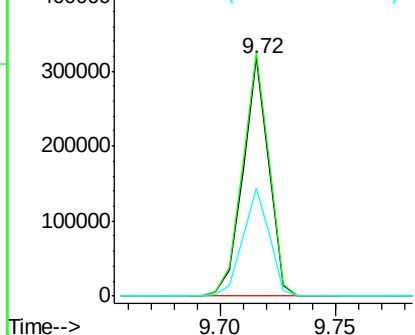


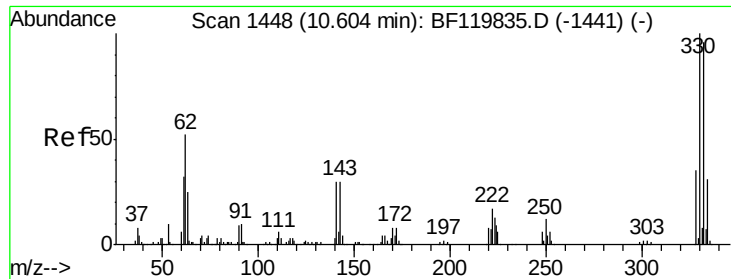
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF120127.D
 Acq: 22 Apr 2020 13:26

Tgt Ion: 164 Resp: 247902
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.6 121.0
 160 45.3 35.7 53.5



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

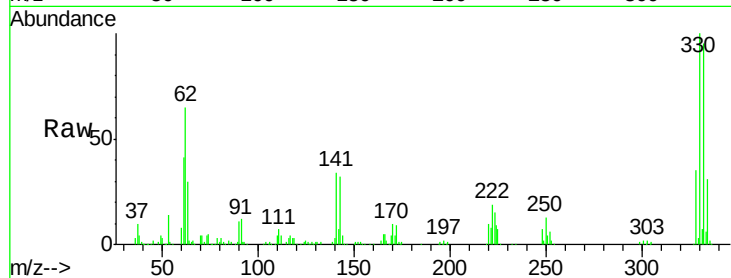




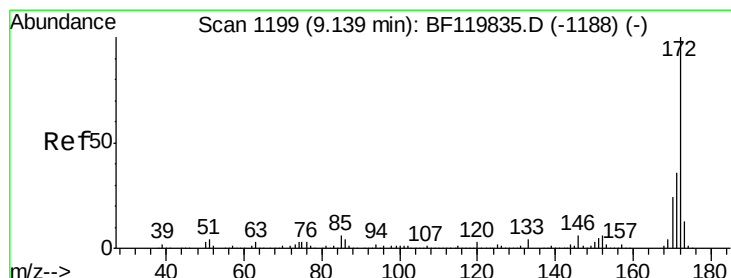
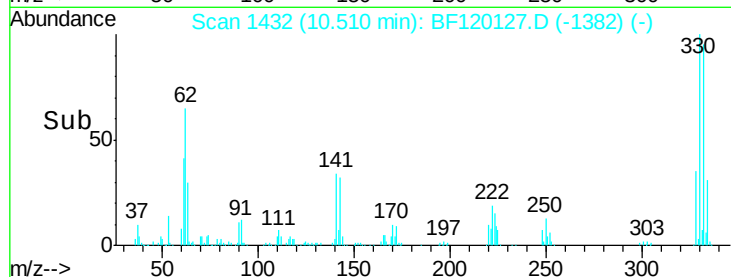
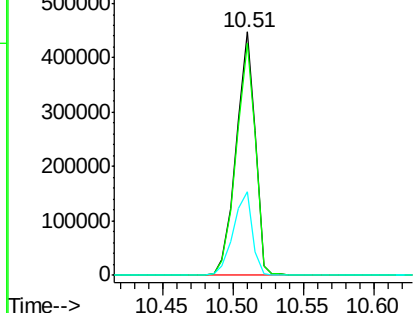
#42
 2,4,6-Tribromophenol
 Concen: 137.83 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120127.D
 Acq: 22 Apr 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Tgt Ion:330 Resp: 418338
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 34.5 25.4 38.0

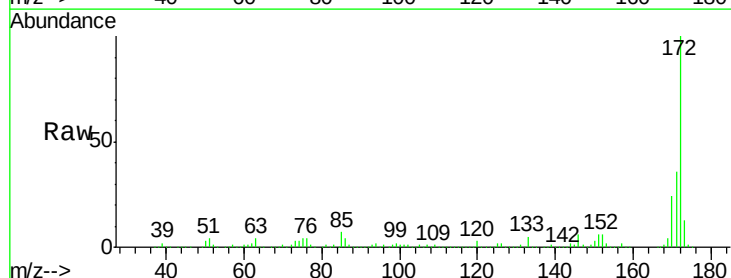


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

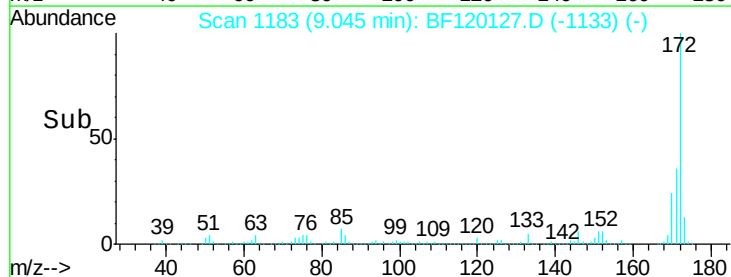
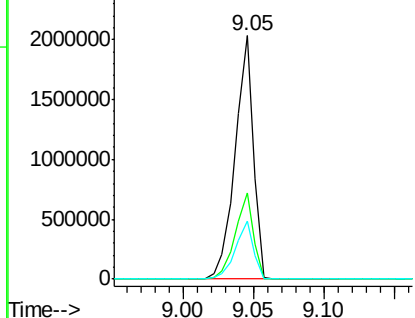


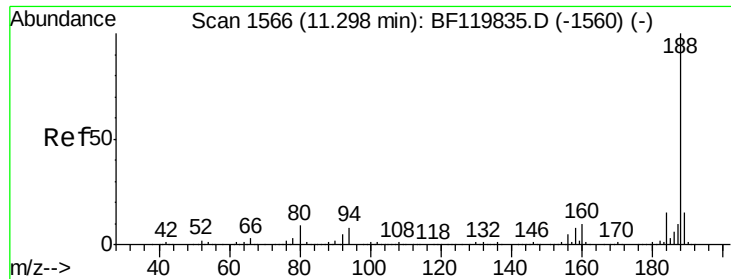
#45
 2-Fluorobiphenyl
 Concen: 104.44 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120127.D
 Acq: 22 Apr 2020 13:26

Tgt Ion:172 Resp: 1823530
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.1 20.2 30.2



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

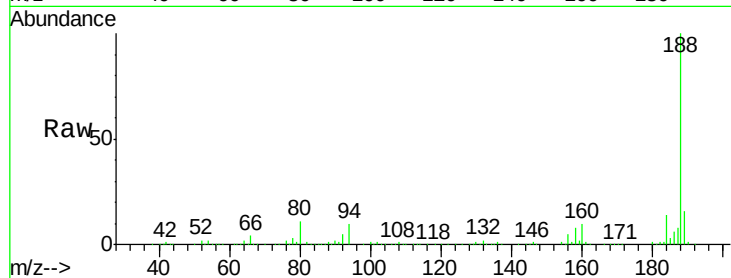




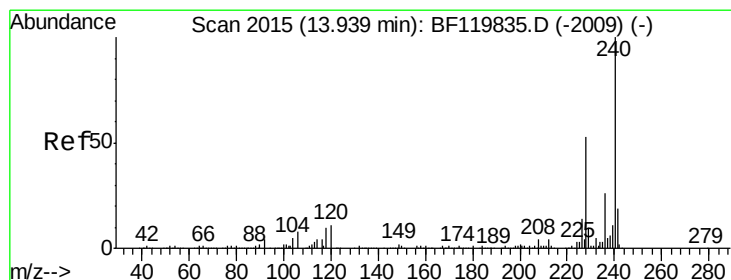
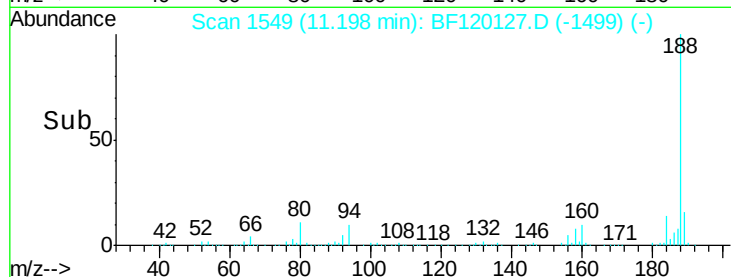
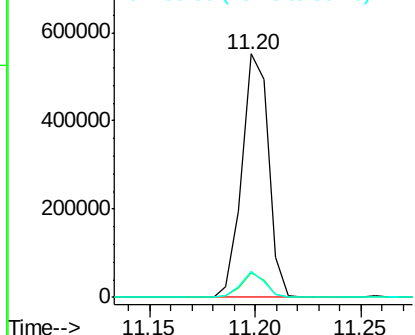
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120127.D
Acq: 22 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:188 Resp: 482714
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 10.6 9.0 13.4

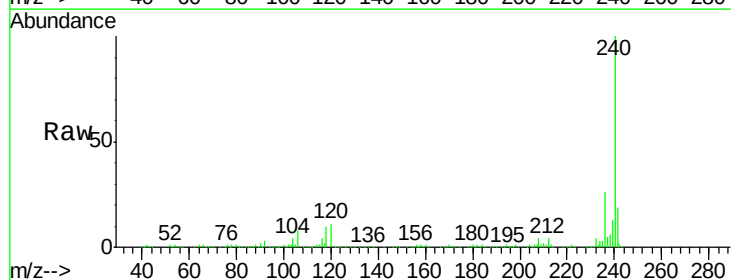


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

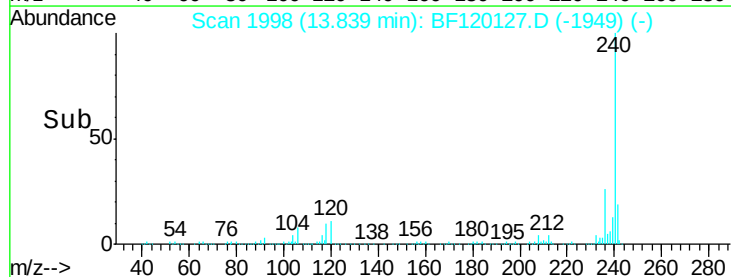
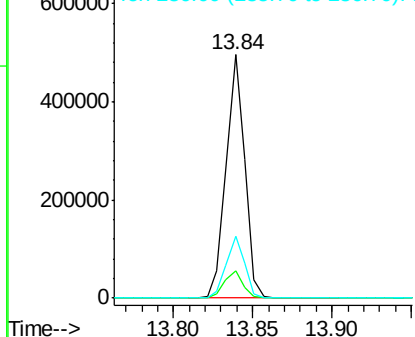


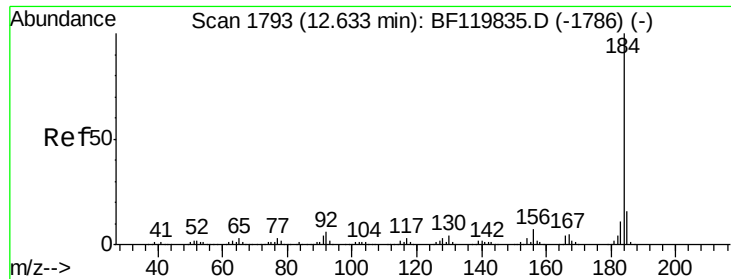
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120127.D
Acq: 22 Apr 2020 13:26

Tgt Ion:240 Resp: 403032
Ion Ratio Lower Upper
240 100
120 11.5 10.6 15.8
236 25.6 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

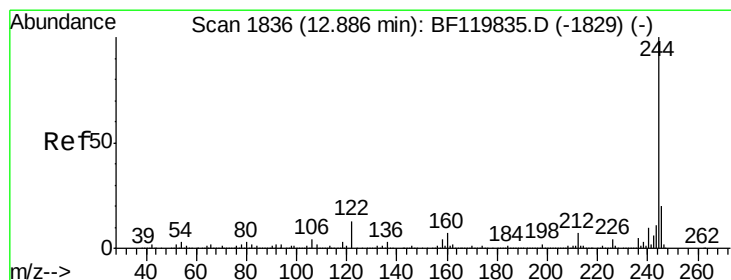
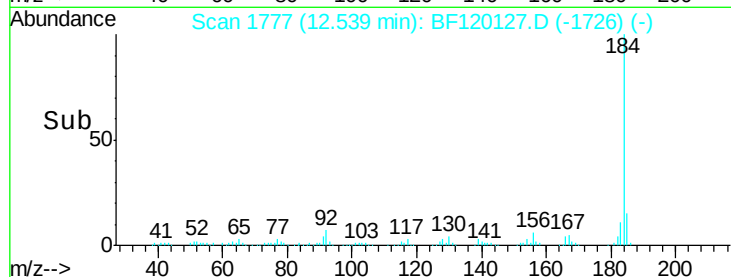
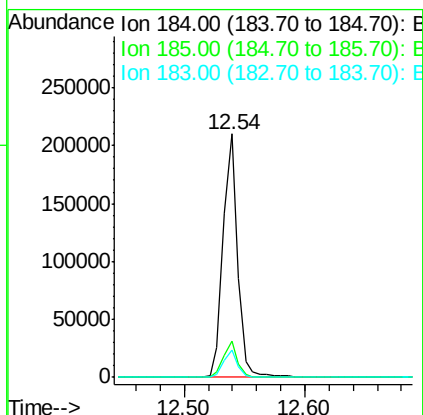
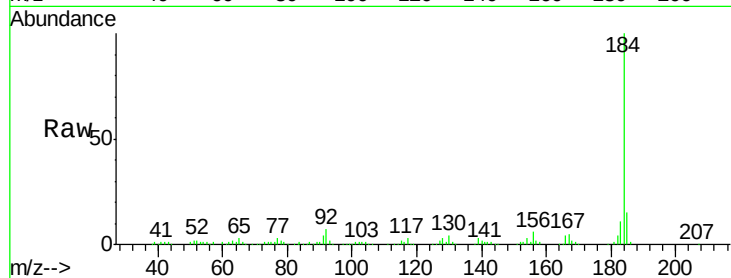




#77
Benzidine
Concen: 12.84 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF120127.D
Acq: 22 Apr 2020 13:26

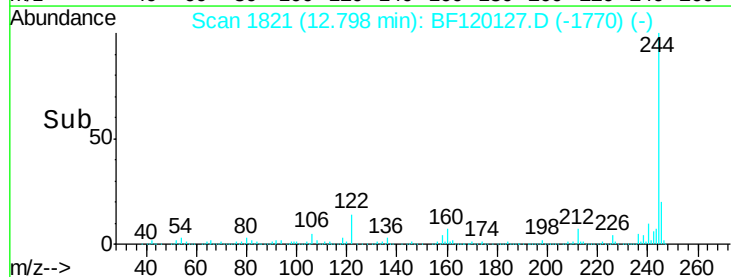
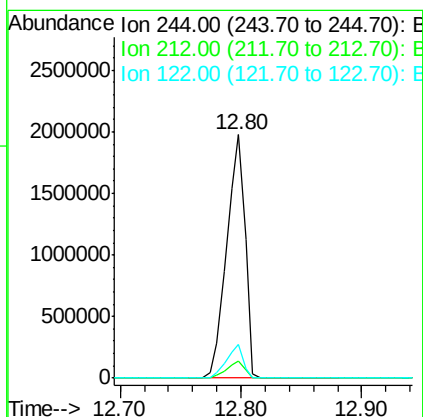
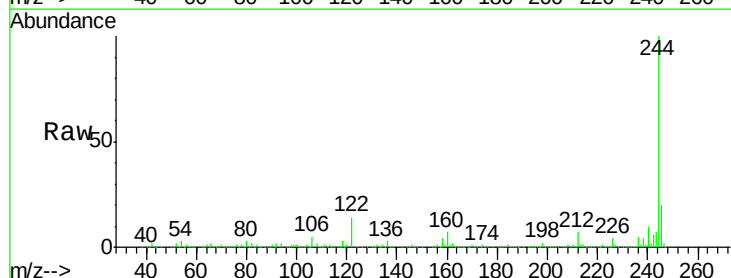
Instrument :
BNA_F
ClientSampled :
TP-4-S

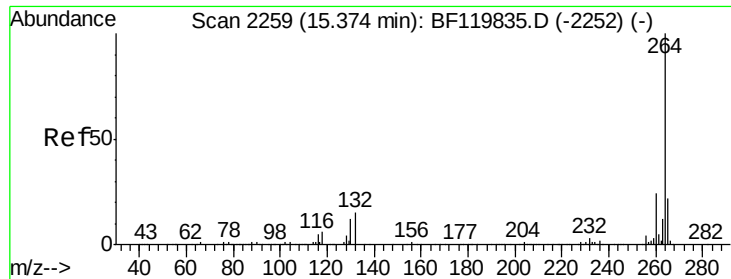
Tgt Ion:184 Resp: 174988
Ion Ratio Lower Upper
184 100
185 14.9 12.3 18.5
183 11.0 9.0 13.6



#79
Terphenyl-d14
Concen: 86.65 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF120127.D
Acq: 22 Apr 2020 13:26

Tgt Ion:244 Resp: 2075507
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 14.0 10.3 15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF120127.D
Acq: 22 Apr 2020 13:26

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.7	17.7	26.5

