

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119948.D
 Acq On : 14 Apr 2020 13:05
 Operator : MA/SJ
 Sample : L2230-70
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-40-41-42

Quant Time: Apr 14 13:54:38 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

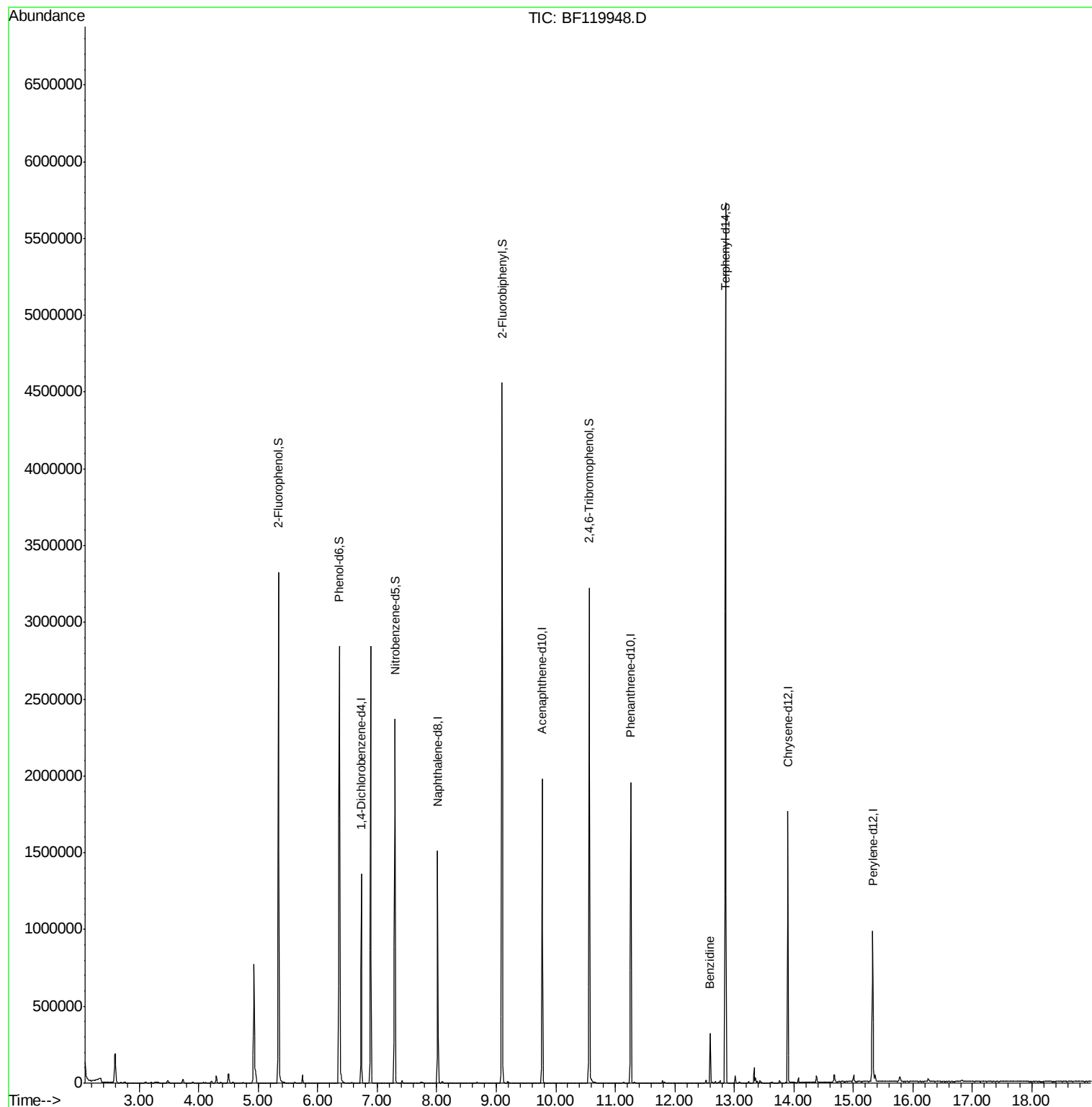
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	185922	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	731159	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	386490	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	766760	20.00	ng	0.00
76) Chrysene-d12	13.90	240	587705	20.00	ng	-0.01
87) Perylene-d12	15.32	264	453408	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	844184	78.47	ng	0.00
7) Phenol-d6	6.36	99	992889	71.62	ng	-0.01
23) Nitrobenzene-d5	7.30	82	717740	50.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	380908	80.50	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1445239	53.09	ng	0.00
79) Terphenyl-d14	12.86	244	2179163	62.39	ng	0.00
Target Compounds						
77) Benzidine	12.60	184	130135	6.551	ng	Qvalue 96

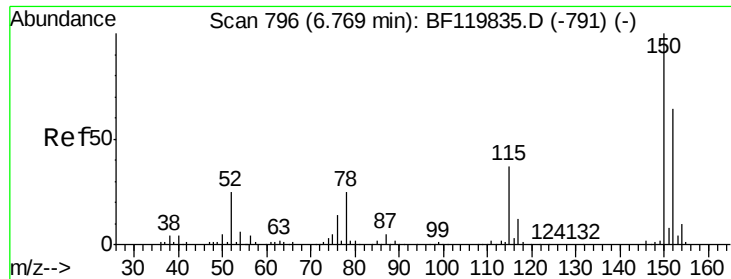
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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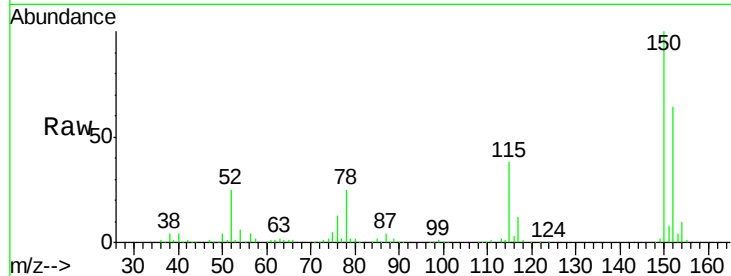


#1

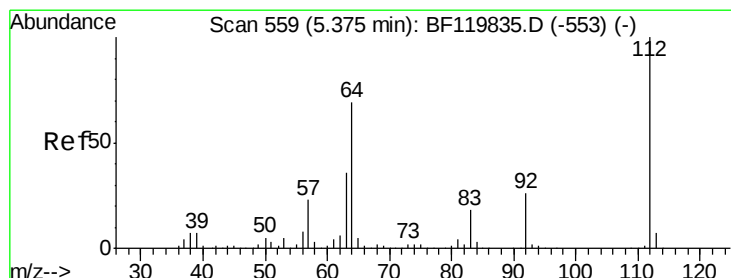
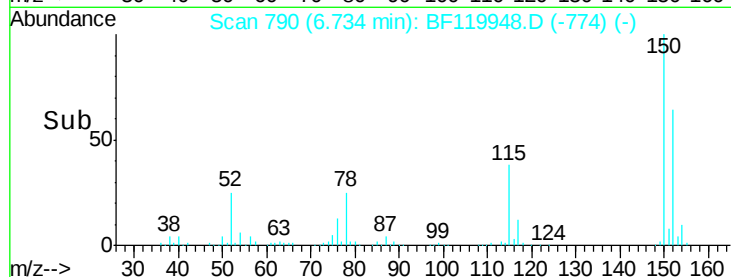
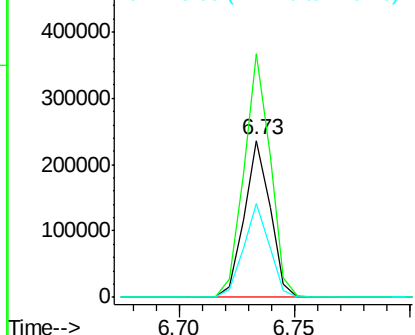
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119948.D
 Acq: 14 Apr 2020 13:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-40-41-42

Tot Ion:152 Resp: 185922
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.8 187.2
 115 59.5 46.5 69.7



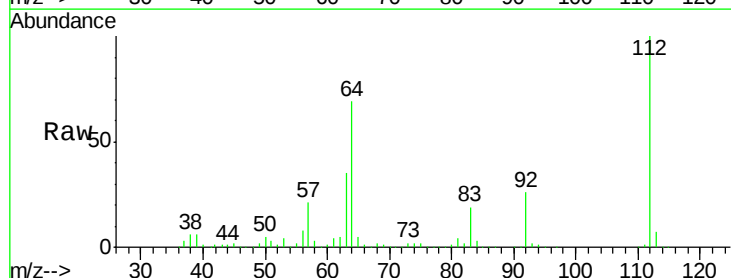
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



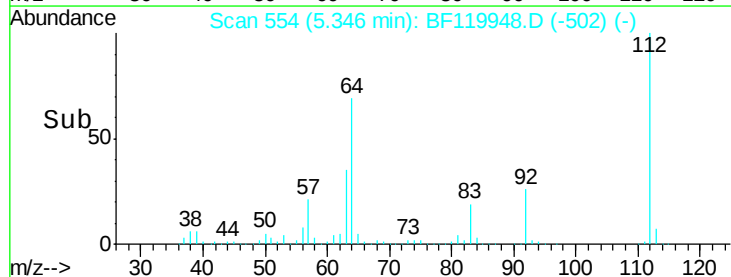
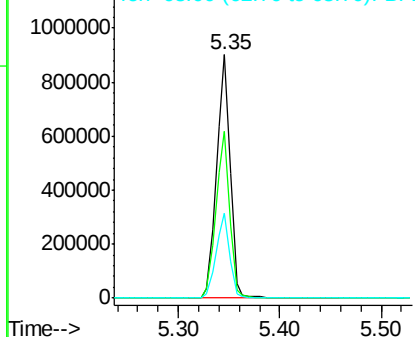
#5

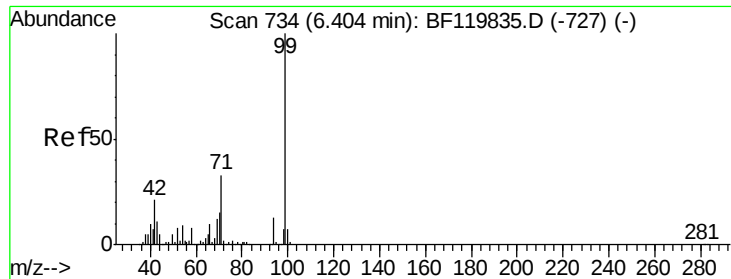
2-Fluorophenol
 Concen: 78.469 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF119948.D
 Acq: 14 Apr 2020 13:05

Tgt Ion:112 Resp: 844184
 Ion Ratio Lower Upper
 112 100
 64 68.7 55.5 83.3
 63 34.7 29.1 43.7



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: 71.624 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119948.D

Acq: 14 Apr 2020 13:05

Instrument :

BNA_F

ClientSampleId :

TP-40-41-42

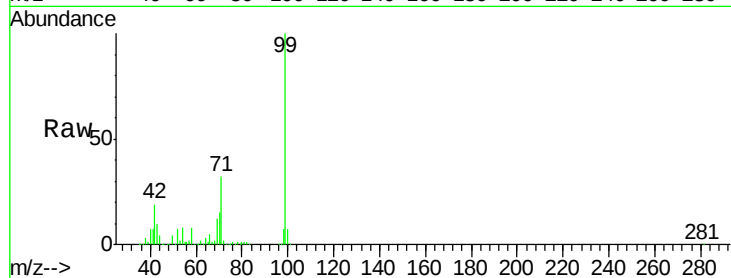
Tot Ion: 99 Resp: 992889

Ion Ratio Lower Upper

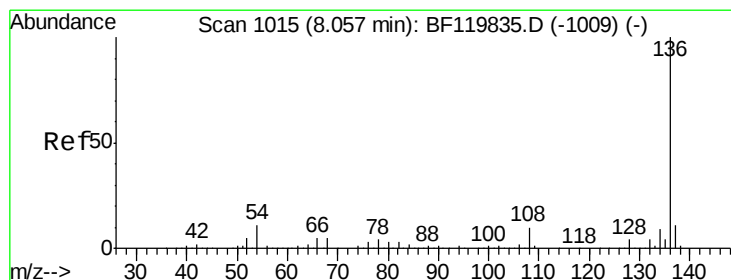
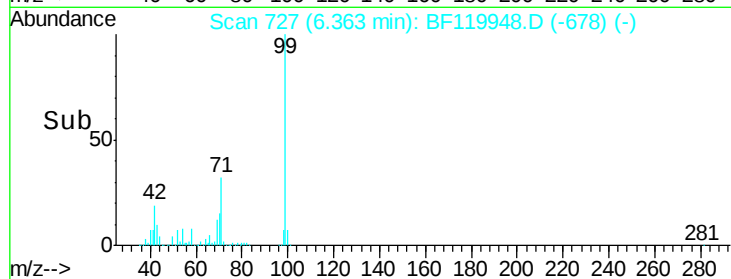
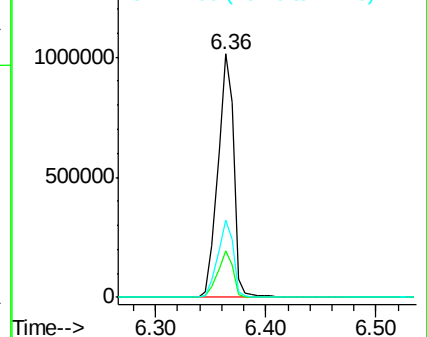
99 100

42 18.9 16.9 25.3

71 31.8 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: BF119948.D

Acq: 14 Apr 2020 13:05

Tgt Ion: 136 Resp: 731159

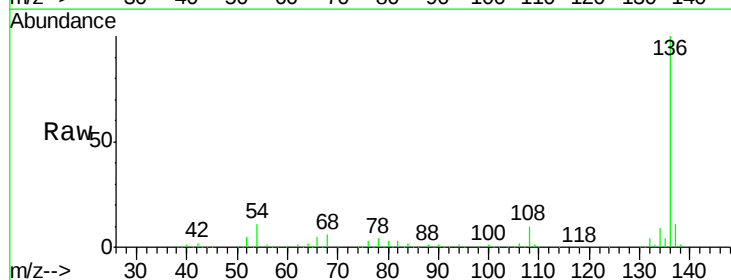
Ion Ratio Lower Upper

136 100

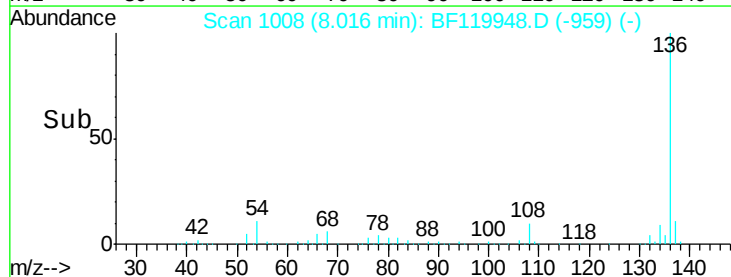
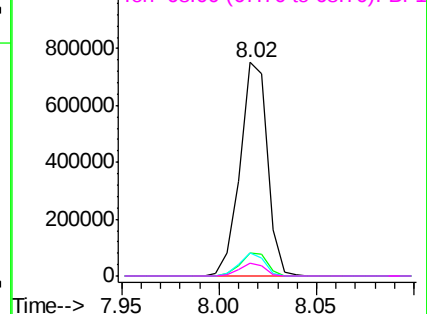
137 11.0 8.7 13.1

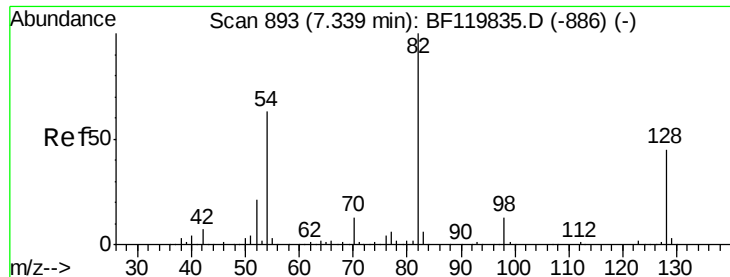
54 10.6 8.5 12.7

68 5.8 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

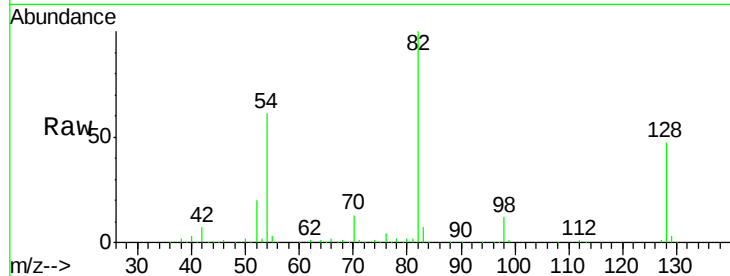




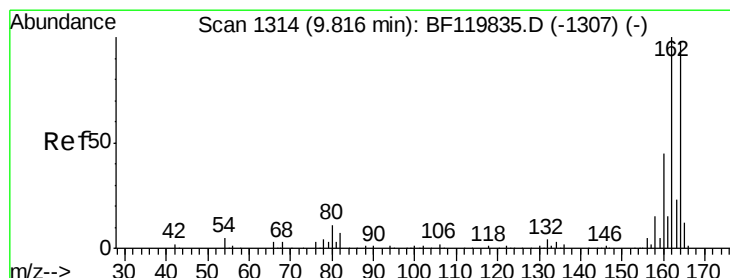
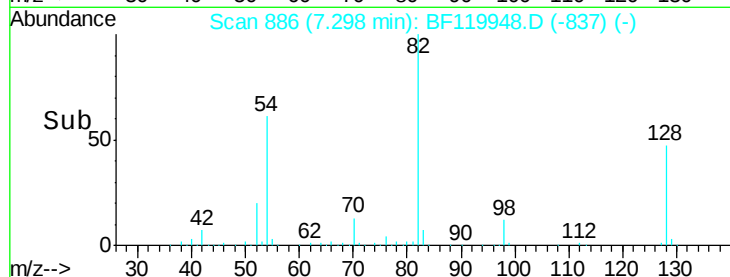
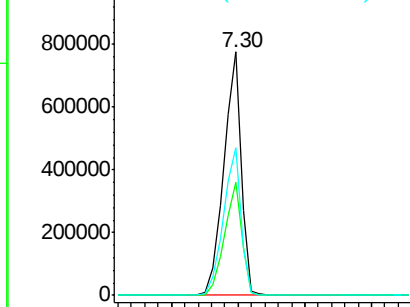
#23
 Nitrobenzene-d5
 Concen: 50.784 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119948.D
 Acq: 14 Apr 2020 13:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-40-41-42

Tot Ion: 82 Resp: 717740
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.2 54.4
 54 60.5 50.4 75.6

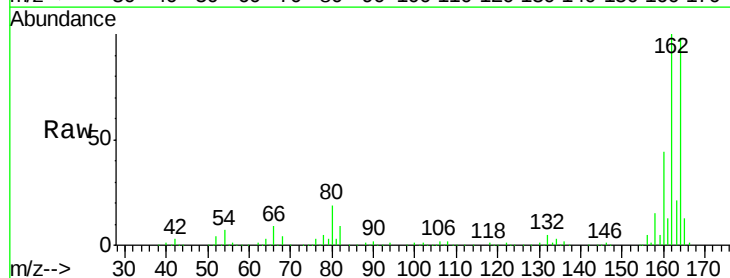


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

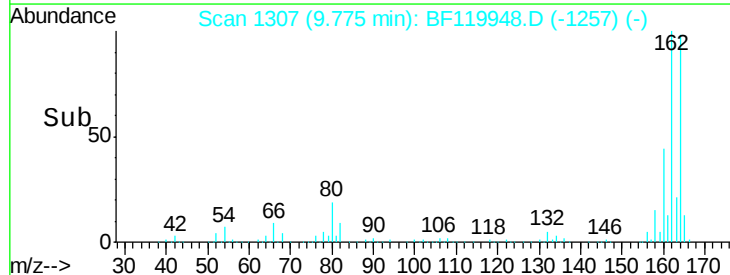
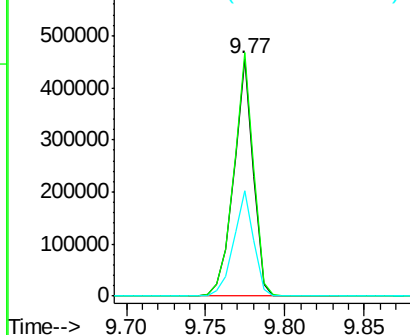


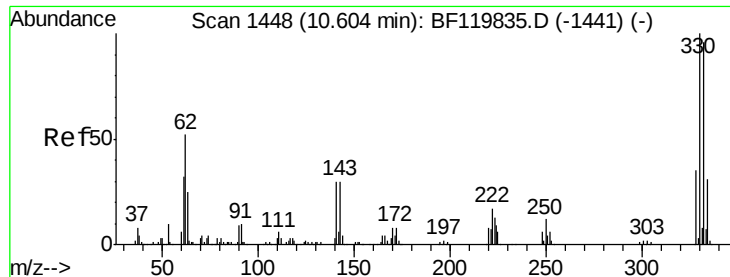
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119948.D
 Acq: 14 Apr 2020 13:05

Tgt Ion:164 Resp: 386490
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.9 122.9
 160 44.6 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

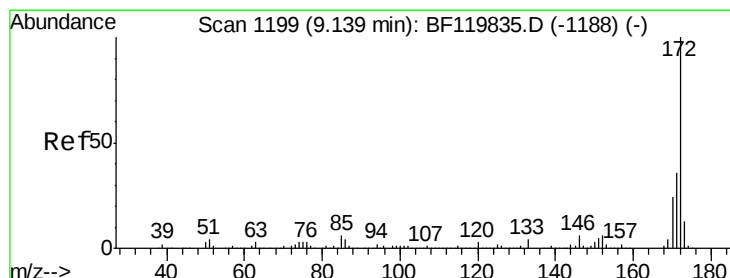
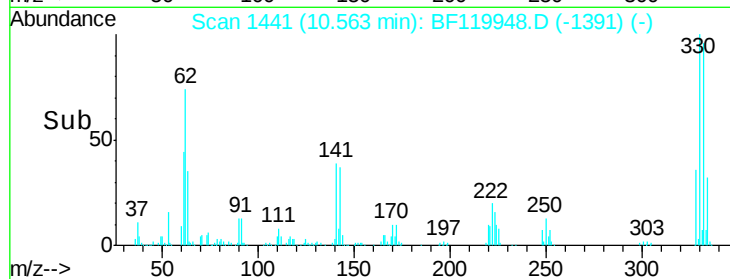
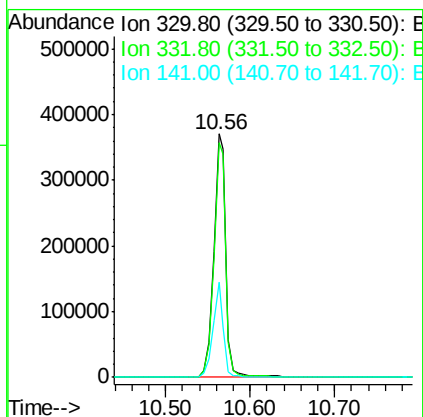
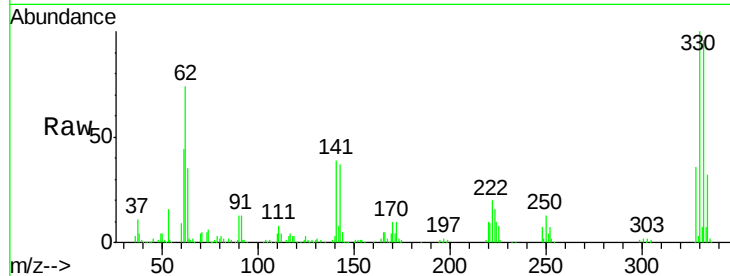




#42
 2,4,6-Tribromophenol
 Concen: 80.497 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119948.D
 Acq: 14 Apr 2020 13:05

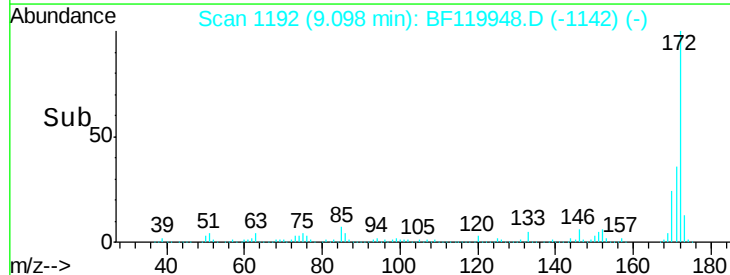
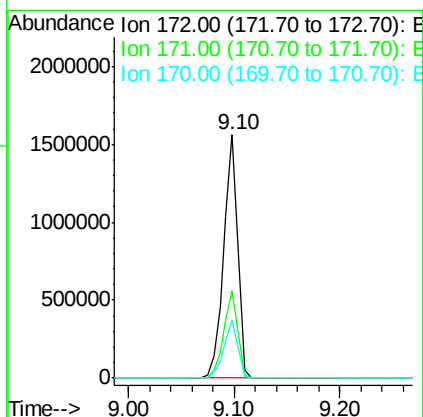
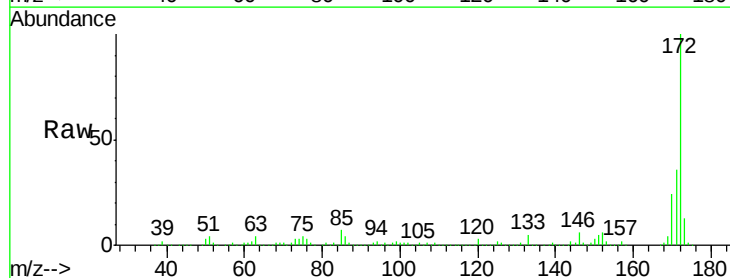
Instrument :
 BNA_F
 ClientSampleId :
 TP-40-41-42

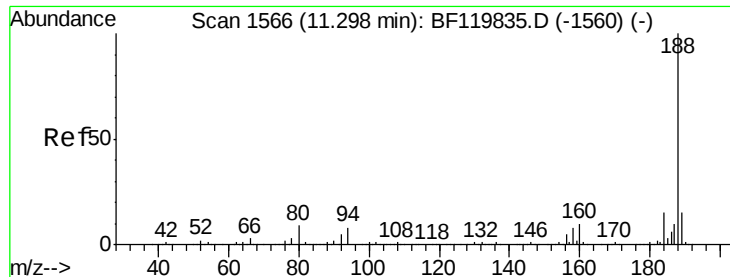
Tot Ion:330 Resp: 380908
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 33.7 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 53.091 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119948.D
 Acq: 14 Apr 2020 13:05

Tgt Ion:172 Resp: 1445239
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.0 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF119948.D

Acq: 14 Apr 2020 13:05

Instrument :

BNA_F

ClientSampleId :

TP-40-41-42

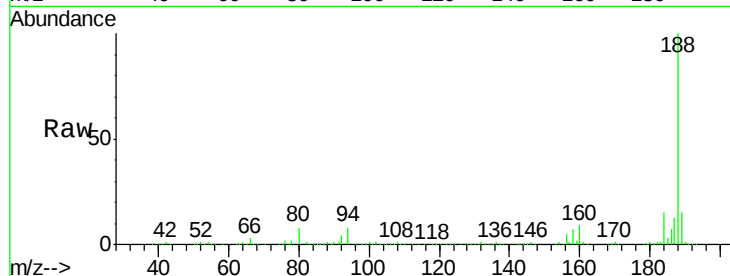
Tot Ion:188 Resp: 766760

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

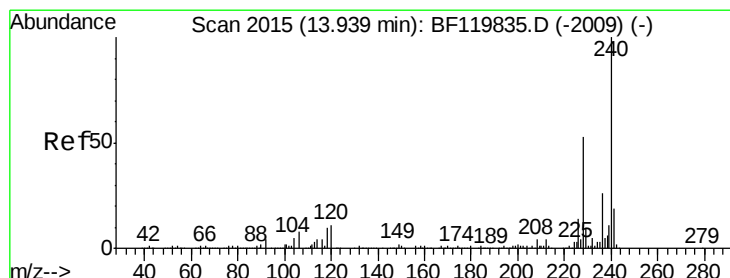
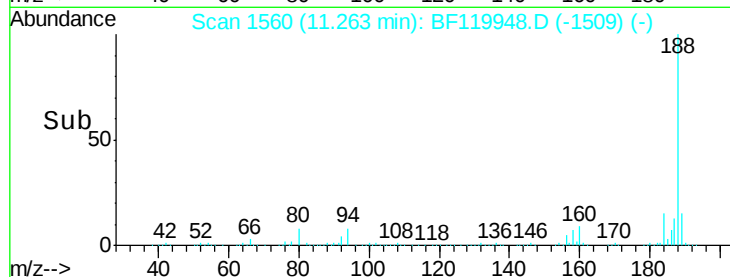
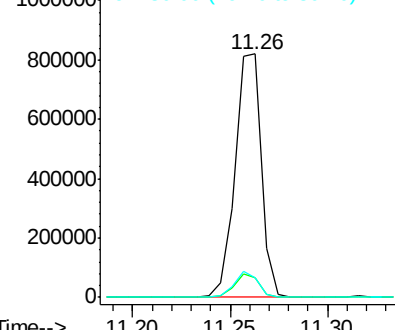
80 8.2 7.4 11.2



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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119948.D

Acq: 14 Apr 2020 13:05

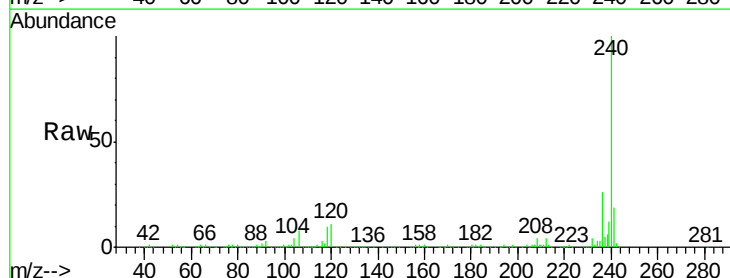
Tgt Ion:240 Resp: 587705

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

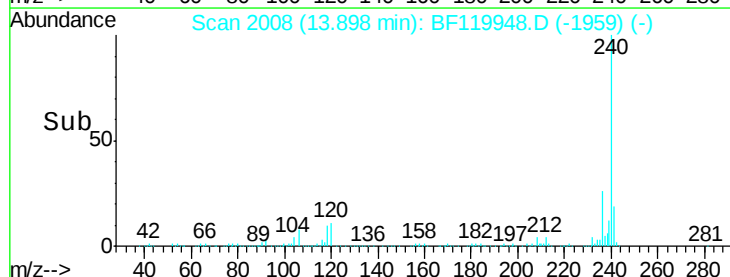
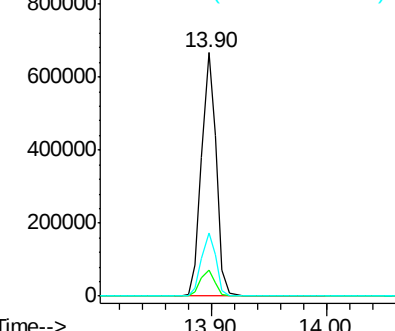
236 25.8 20.7 31.1

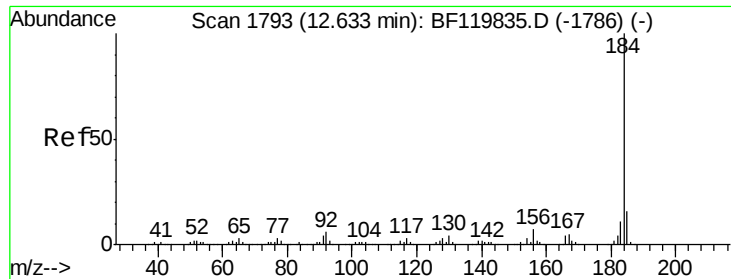


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.551 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF119948.D

Acq: 14 Apr 2020 13:05

Instrument :

BNA_F

ClientSampleId :

TP-40-41-42

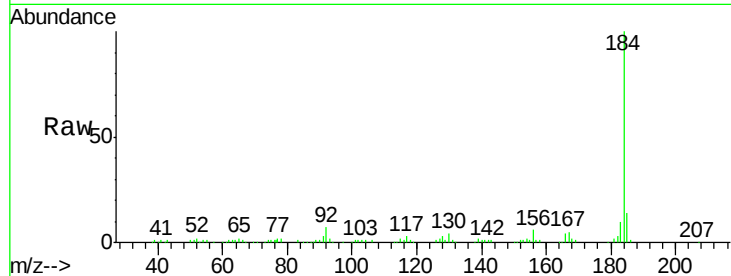
Tot Ion:184 Resp: 130135

Ion Ratio Lower Upper

184 100

185 14.1 13.2 19.8

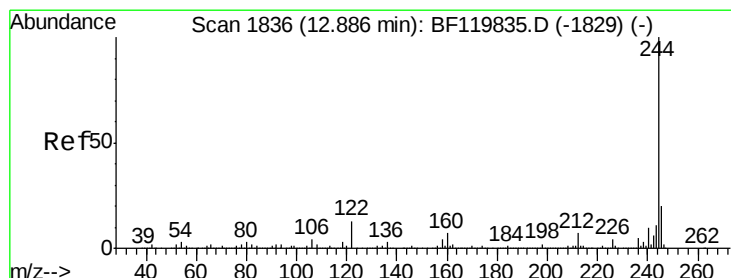
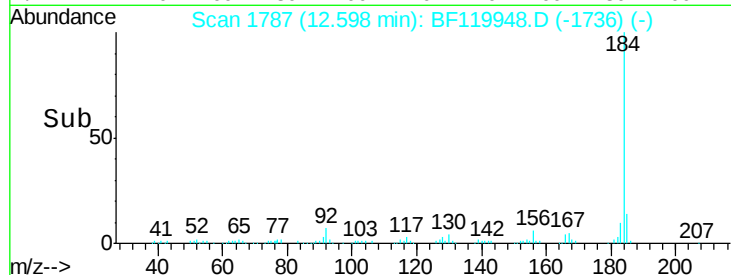
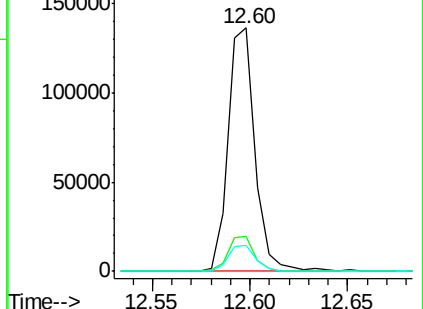
183 10.5 9.1 13.7



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: 62.391 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119948.D

Acq: 14 Apr 2020 13:05

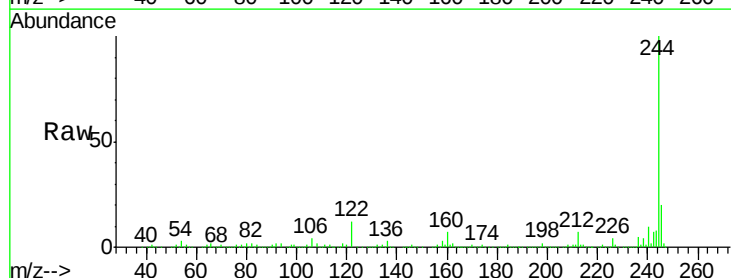
Tgt Ion:244 Resp: 2179163

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

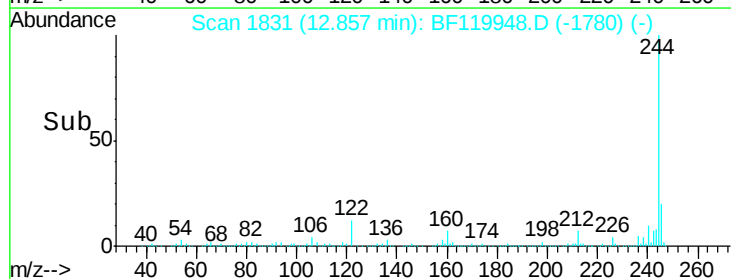
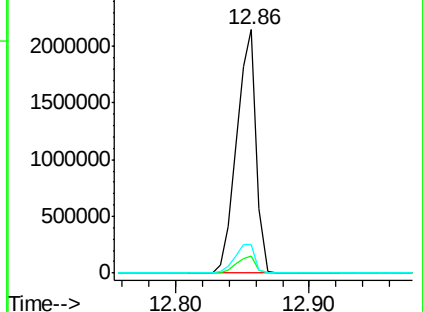
122 11.9 10.3 15.5

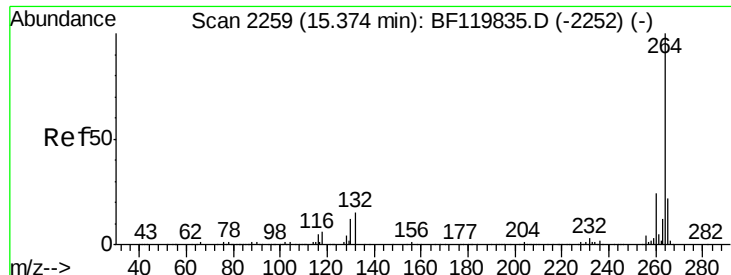


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

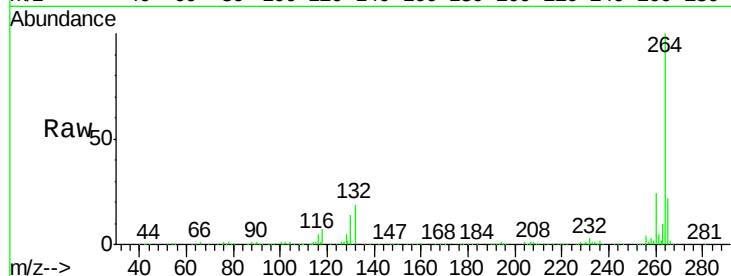




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119948.D
 Acq: 14 Apr 2020 13:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-40-41-42

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.6	17.6	26.4



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

