

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119995.D
 Acq On : 15 Apr 2020 15:55
 Operator : MA/SJ
 Sample : L2245-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-22

Quant Time: Apr 16 01:27:33 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

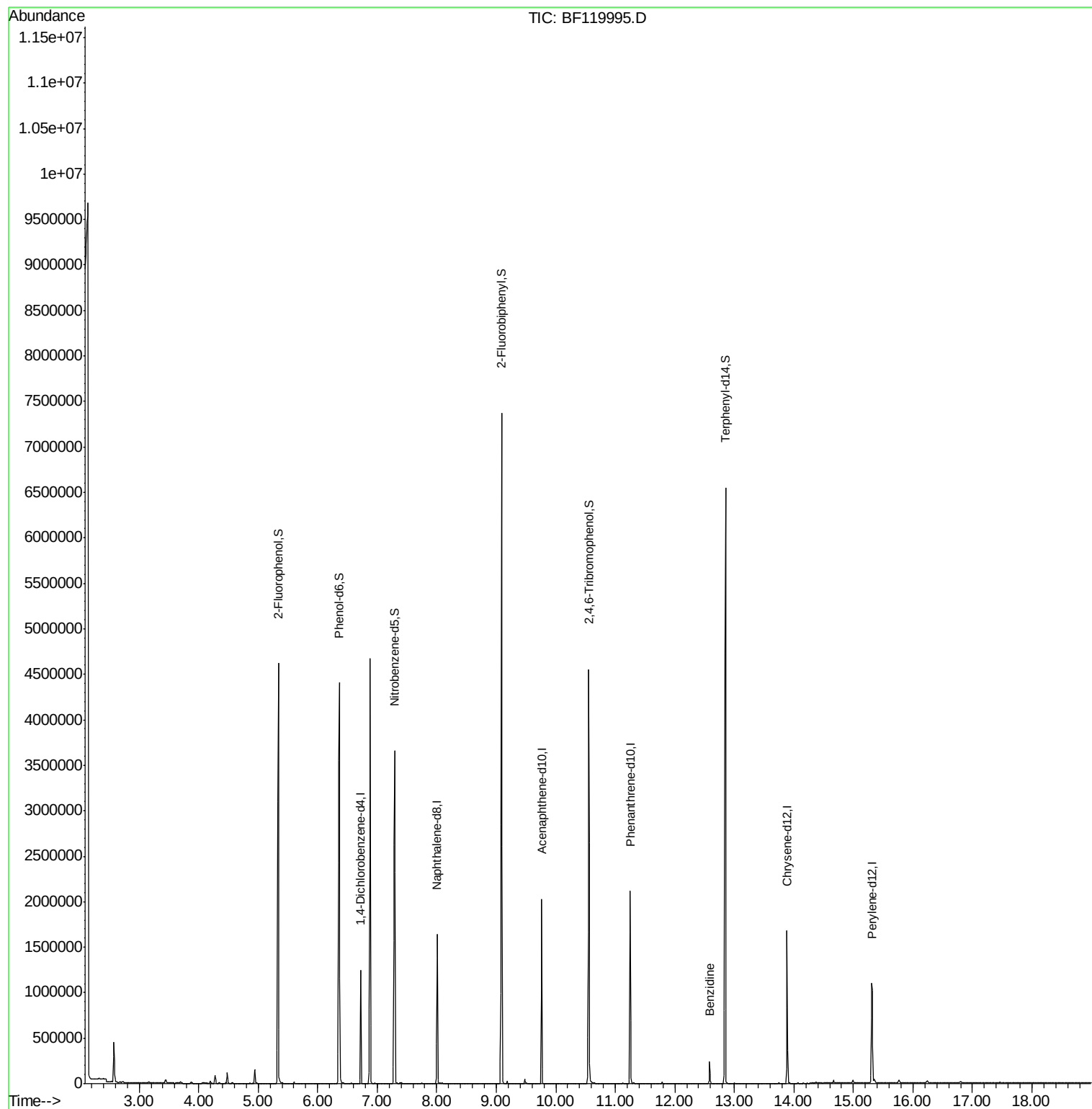
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	188235	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	709241	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	383762	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	754108	20.00	ng	0.00
76) Chrysene-d12	13.89	240	614984	20.00	ng	-0.01
87) Perylene-d12	15.31	264	503452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1440986	132.30	ng	0.01
7) Phenol-d6	6.36	99	1667191	118.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	1303116	95.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	584996	124.51	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2391526	88.48	ng	0.00
79) Terphenyl-d14	12.85	244	2907705	79.56	ng	0.00
Target Compounds						
77) Benzidine	12.59	184	88905	4.277	ng	Qvalue 95

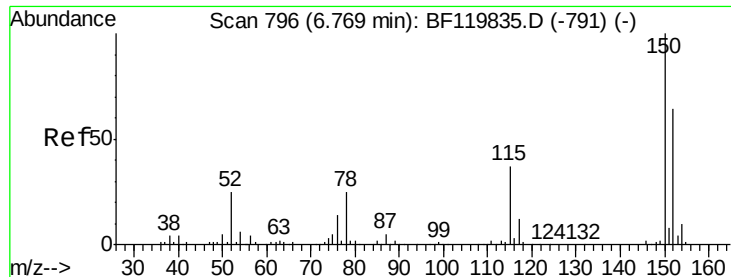
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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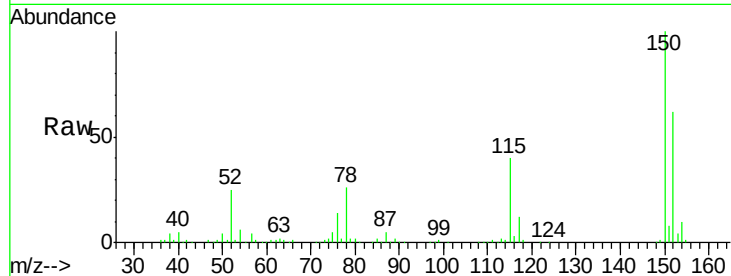


#1

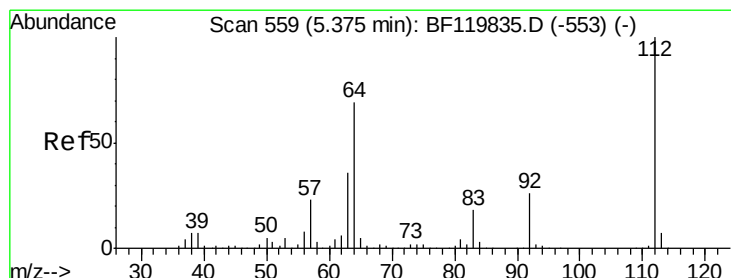
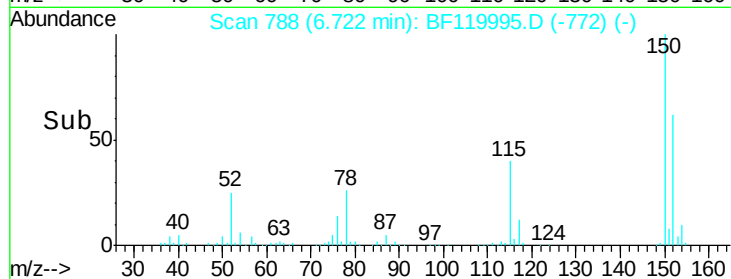
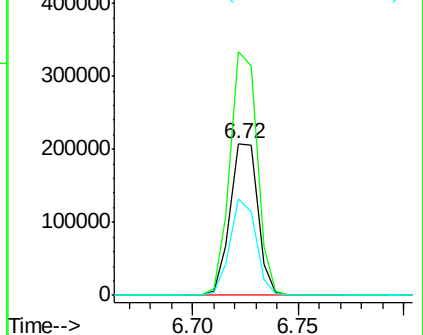
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF119995.D
 Acq: 15 Apr 2020 15:55

Instrument :
 BNA_F
 ClientSampled :
 TP-22

Tot Ion:152 Resp: 188235
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.8 187.2
 115 63.4 46.5 69.7



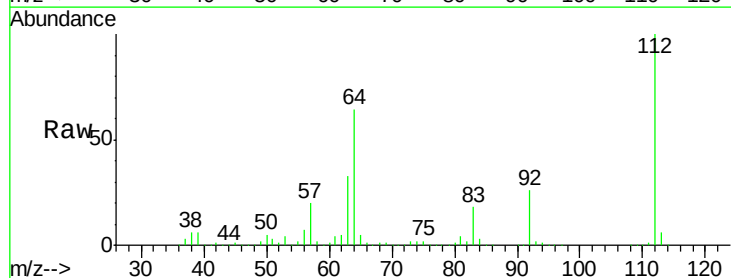
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



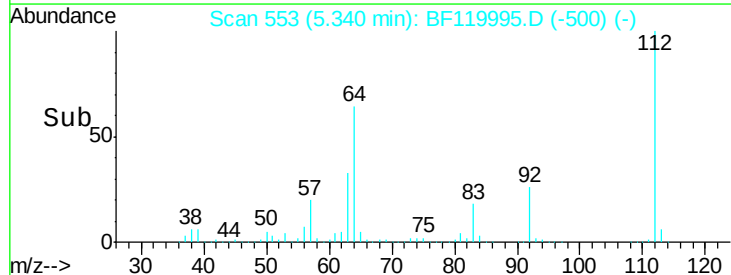
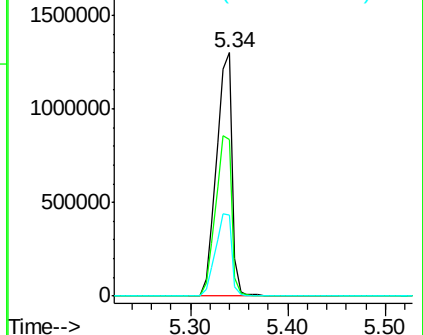
#5

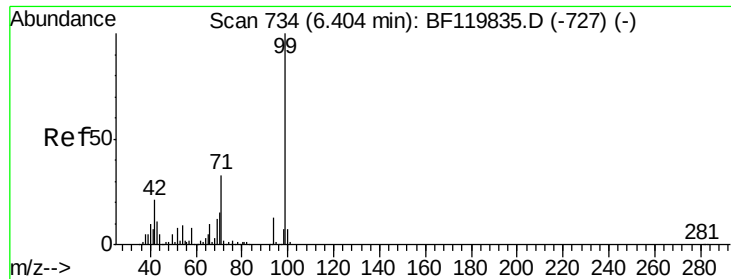
2-Fluorophenol
 Concen: 132.297 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF119995.D
 Acq: 15 Apr 2020 15:55

Tgt Ion:112 Resp: 1440986
 Ion Ratio Lower Upper
 112 100
 64 64.5 55.5 83.3
 63 33.4 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: 118.788 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF119995.D

Acq: 15 Apr 2020 15:55

Instrument :

BNA_F

ClientSampleId :

TP-22

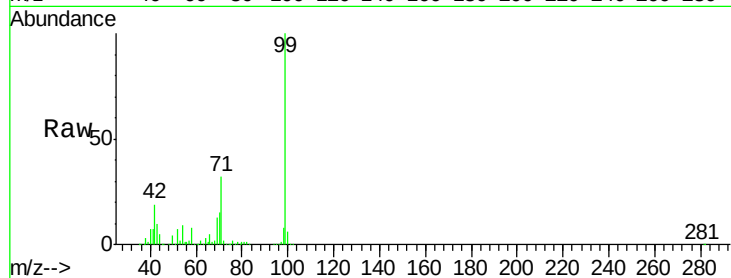
Tot Ion: 99 Resp: 1667191

Ion Ratio Lower Upper

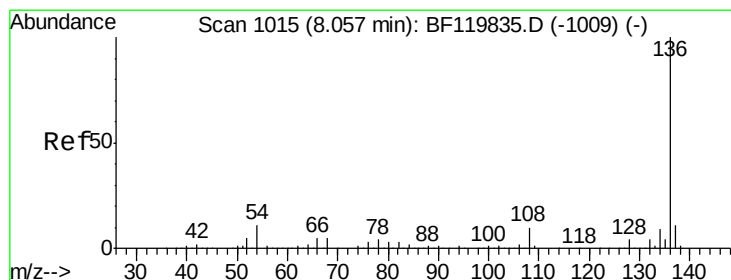
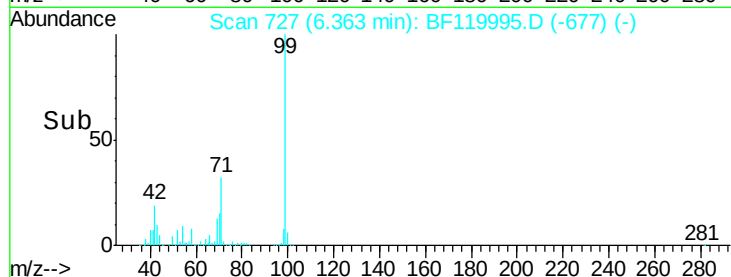
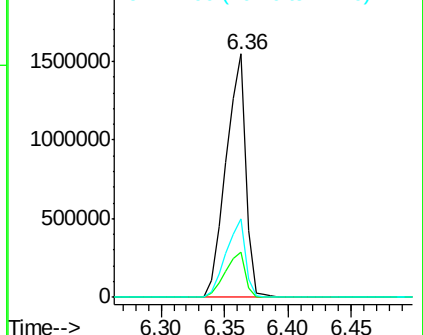
99 100

42 18.7 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: BF119995.D

Acq: 15 Apr 2020 15:55

Tgt Ion: 136 Resp: 709241

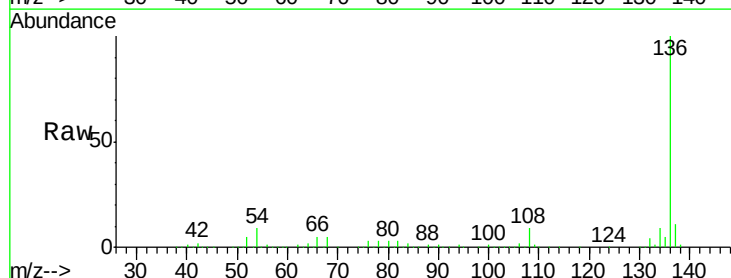
Ion Ratio Lower Upper

136 100

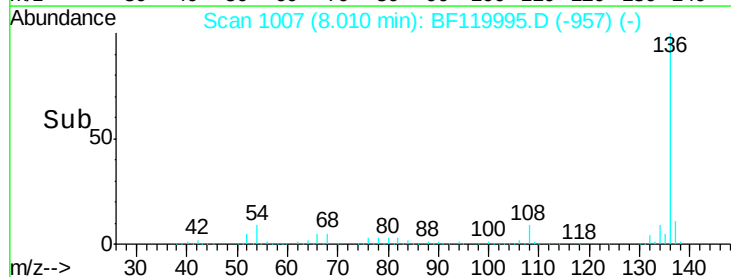
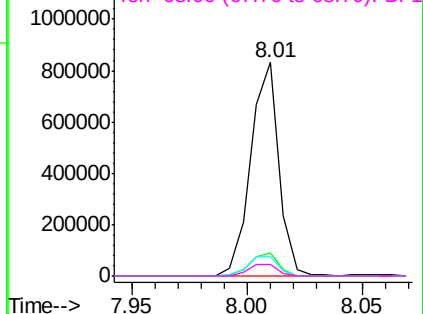
137 11.0 8.7 13.1

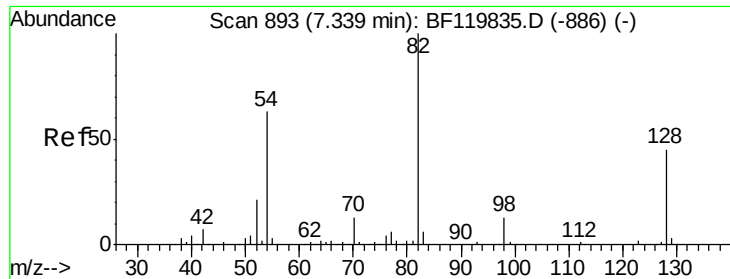
54 9.0 8.5 12.7

68 5.1 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

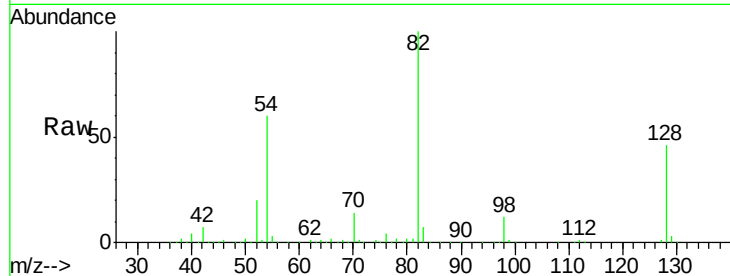




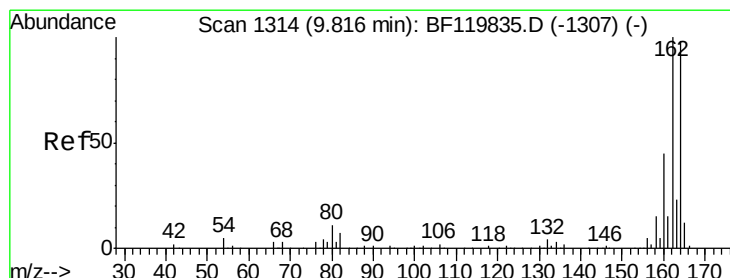
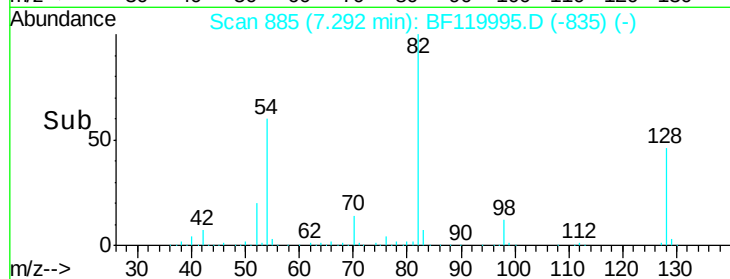
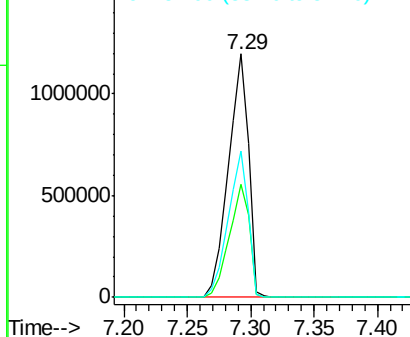
#23
 Nitrobenzene-d5
 Concen: 95.052 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF119995.D
 Acq: 15 Apr 2020 15:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-22

Tot Ion: 82 Resp: 1303116
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.2 54.4
 54 60.2 50.4 75.6

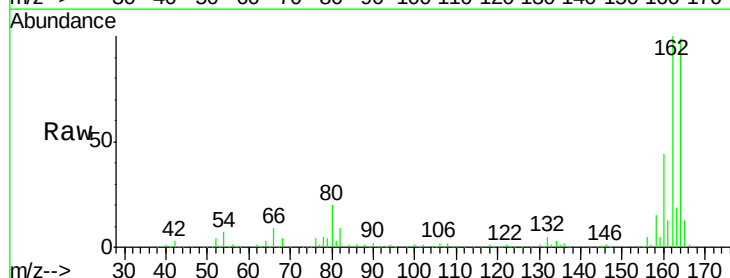


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

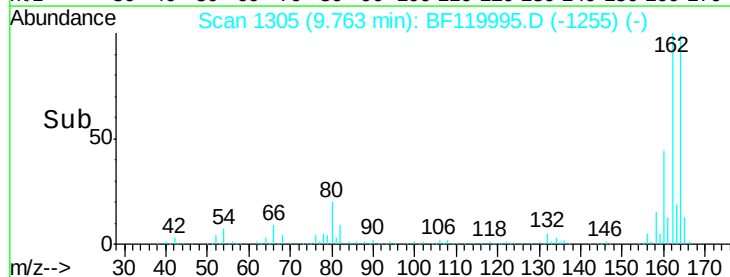
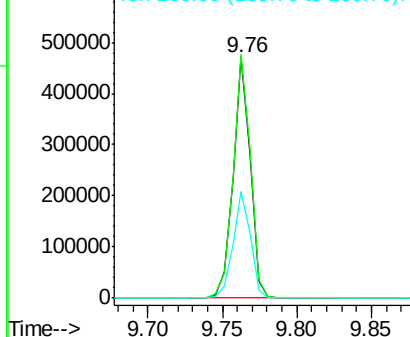


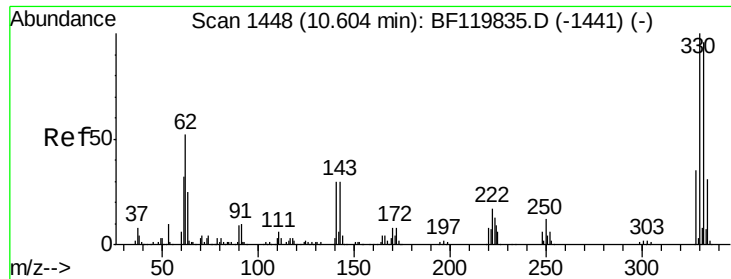
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF119995.D
 Acq: 15 Apr 2020 15:55

Tgt Ion:164 Resp: 383762
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.9 122.9
 160 44.1 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

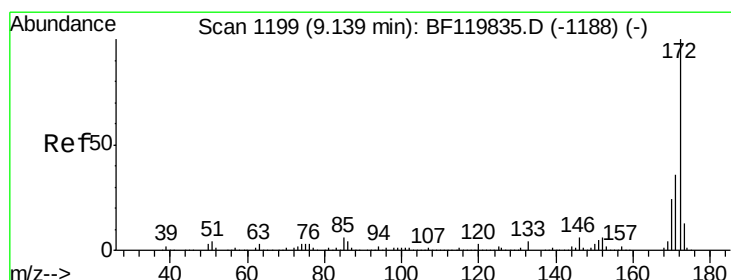
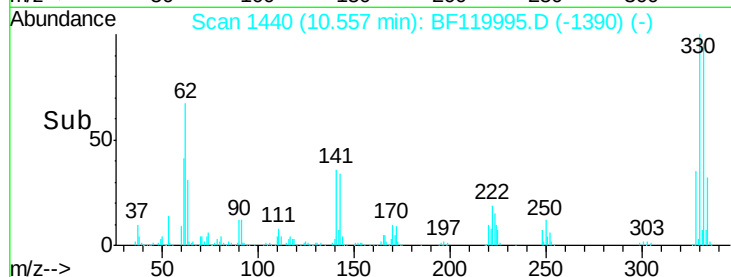
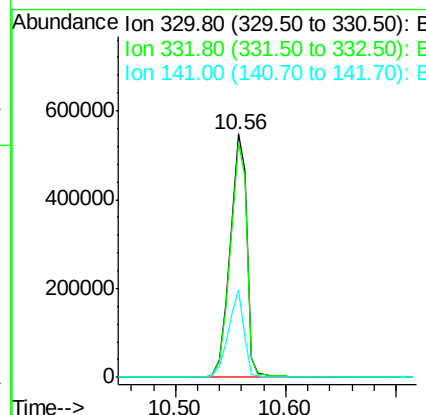
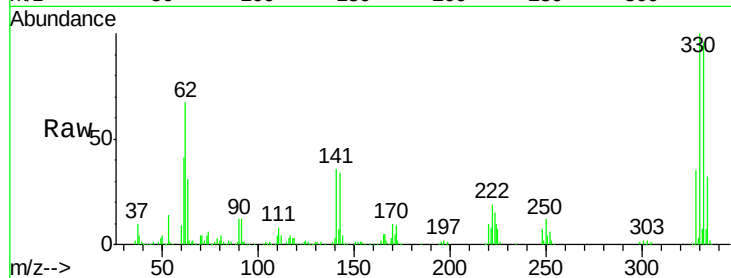




#42
 2,4,6-Tribromophenol
 Concen: 124.506 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119995.D
 Acq: 15 Apr 2020 15:55

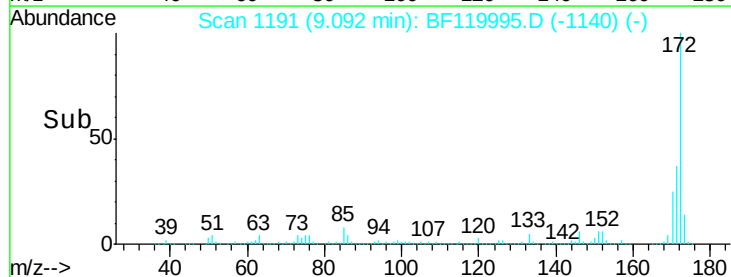
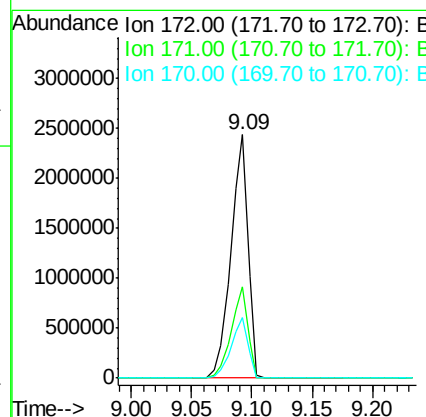
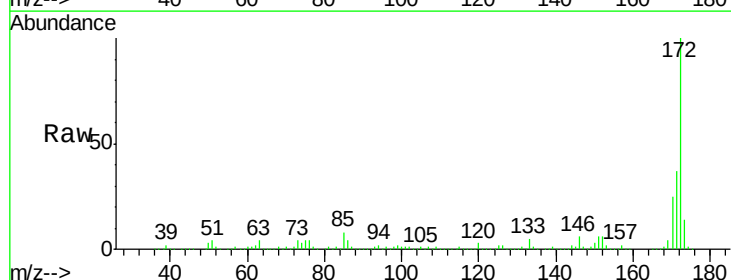
Instrument :
 BNA_F
 ClientSampleId :
 TP-22

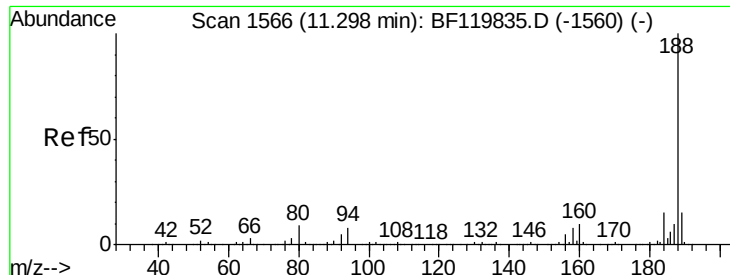
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	33.4	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 88.478 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119995.D
 Acq: 15 Apr 2020 15:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.0	19.4	29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF119995.D

Acq: 15 Apr 2020 15:55

Instrument :

BNA_F

ClientSampleId :

TP-22

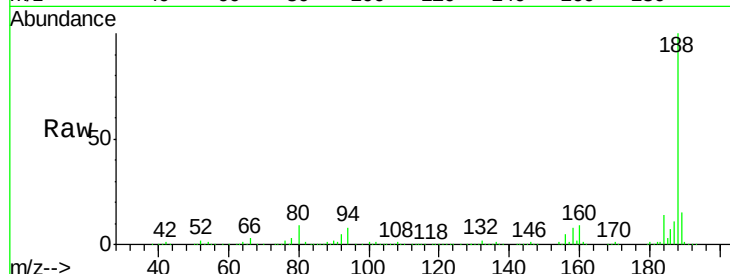
Tot Ion:188 Resp: 754108

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

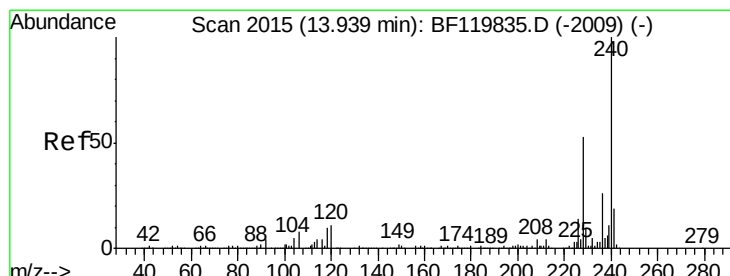
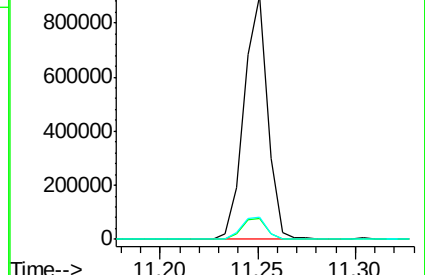
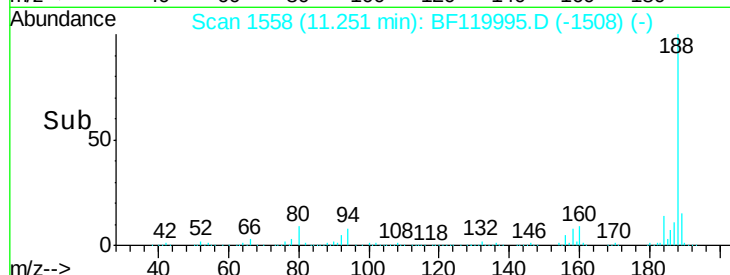
80 9.1 7.4 11.2



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: BF119995.D

Acq: 15 Apr 2020 15:55

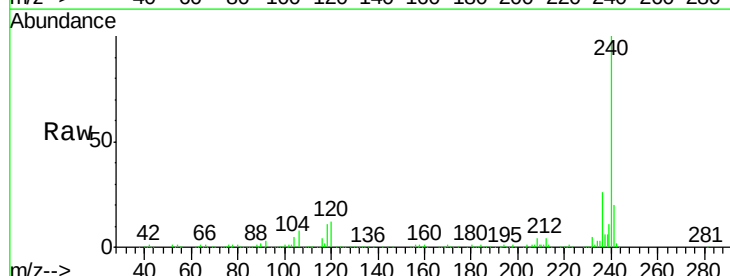
Tgt Ion:240 Resp: 614984

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

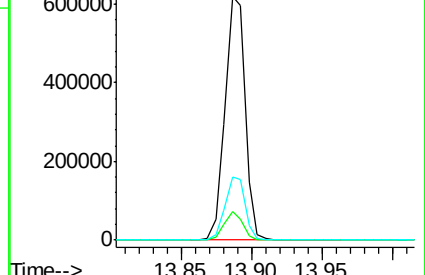
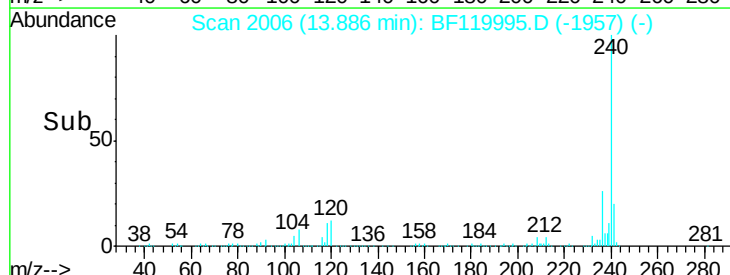
236 26.0 20.7 31.1

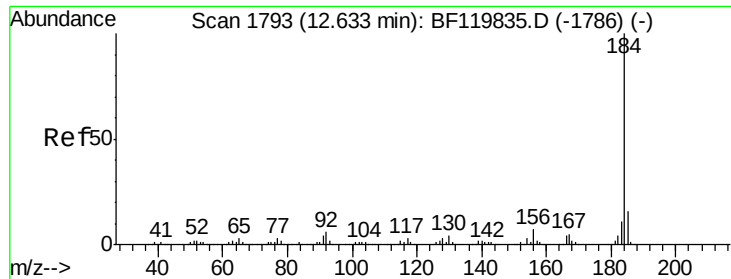


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.277 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF119995.D

Acq: 15 Apr 2020 15:55

Instrument :

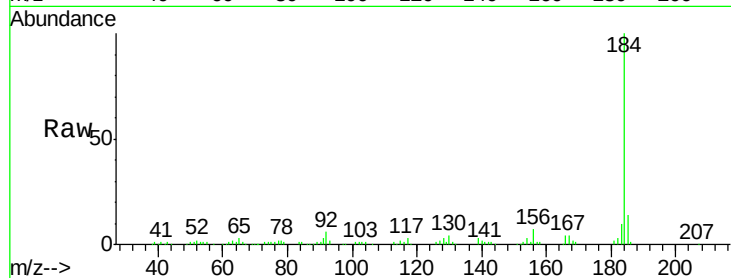
BNA_F

ClientSampleId :

TP-22

Tot Ion:184 Resp: 88905

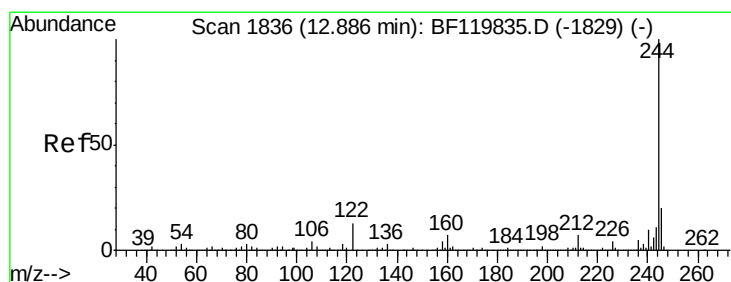
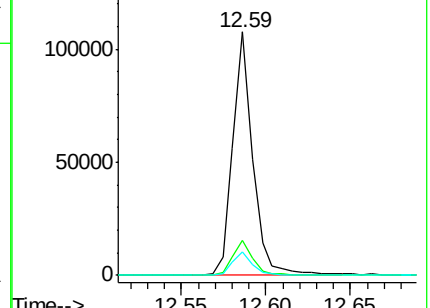
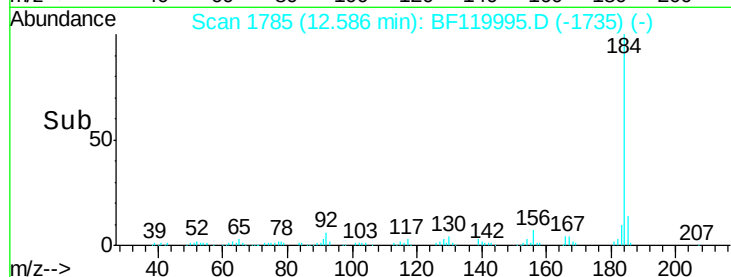
Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.2	19.8
183	9.8	9.1	13.7



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: 79.558 ng

RT: 12.85 min Scan# 1830

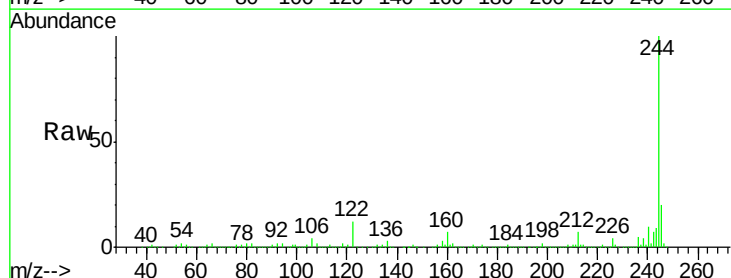
Delta R.T. 0.01 min

Lab File: BF119995.D

Acq: 15 Apr 2020 15:55

Tgt Ion:244 Resp: 2907705

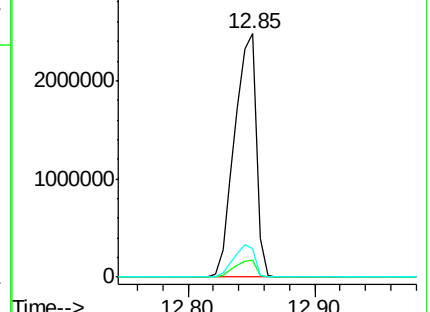
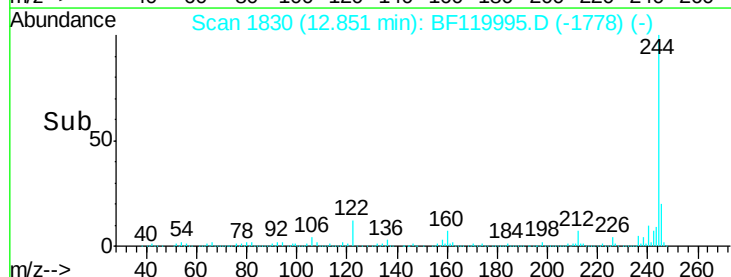
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.5	10.3	15.5

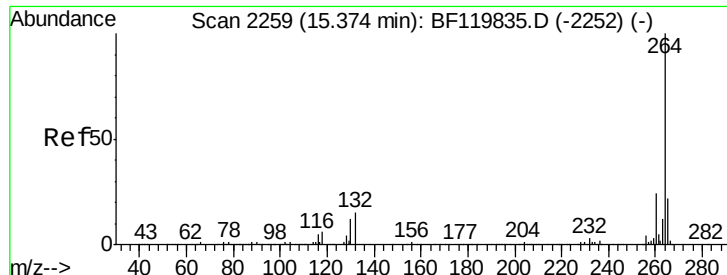


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF119995.D
 Acq: 15 Apr 2020 15:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-22

Tot Ion:264 Resp: 503452
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 21.3 17.6 26.4

