

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117653.D
 Acq On : 31 Oct 2019 13:04
 Operator : JU
 Sample : K5540-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 155-98-(0-1.1)

Quant Time: Oct 31 18:48:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

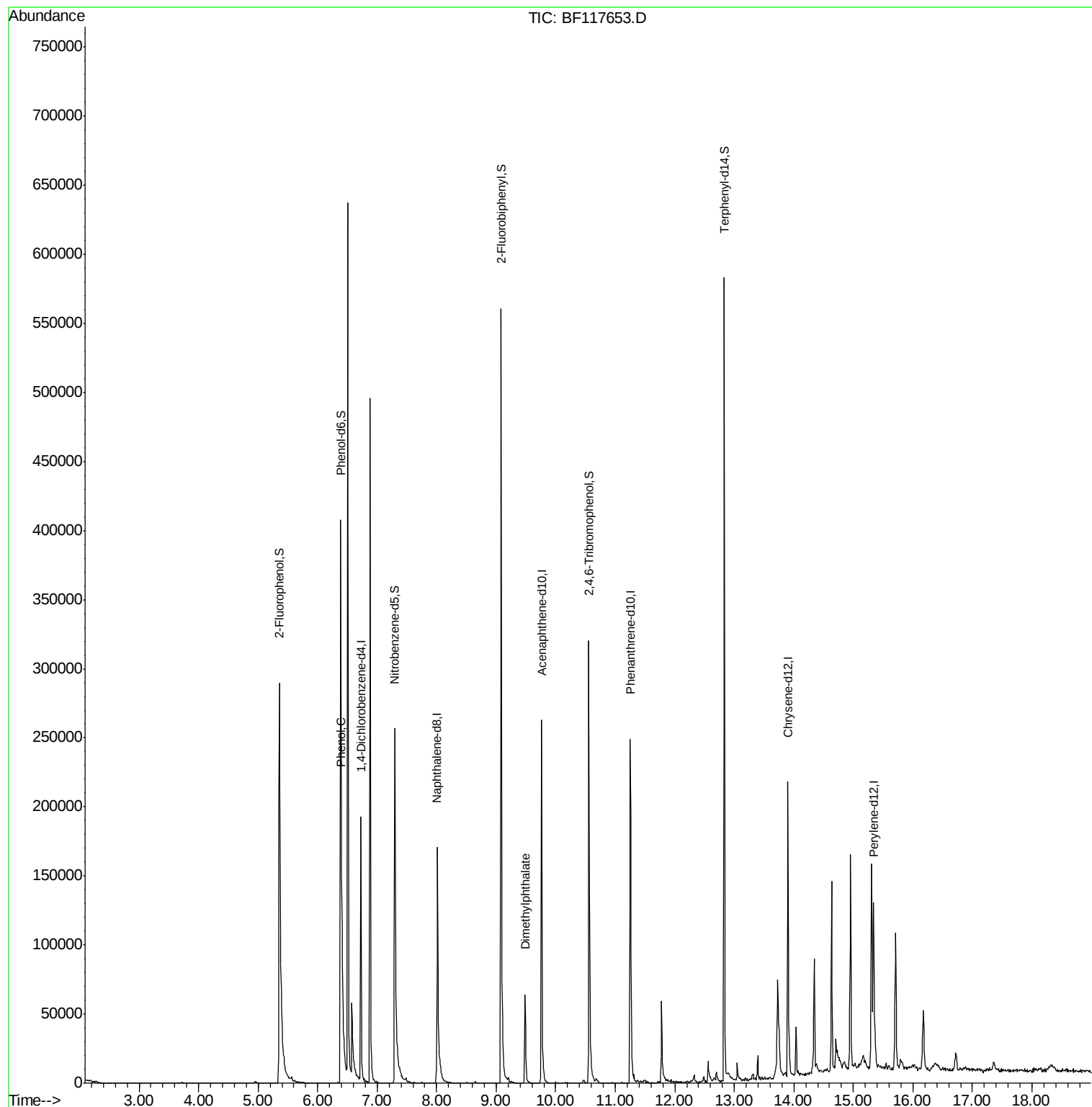
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	32629	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	133750	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	70317	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	116821	20.00	ng	0.00
76) Chrysene-d12	13.90	240	87931	20.00	ng	0.00
87) Perylene-d12	15.34	264	74867	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	165295	75.37	ng	0.00
7) Phenol-d6	6.39	99	247828	84.13	ng	0.00
23) Nitrobenzene-d5	7.29	82	160075	59.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	47340	77.81	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	210576	42.19	ng	-0.01
79) Terphenyl-d14	12.83	244	201470	37.37	ng	0.00
Target Compounds						
10) Phenol	6.40	94	11015	3.664	ng	83
50) Dimethylphthalate	9.49	163	37208	7.423	ng	99

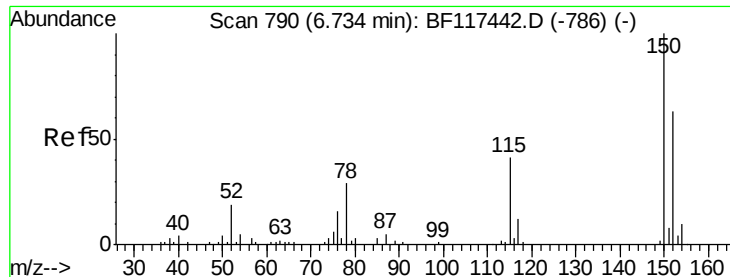
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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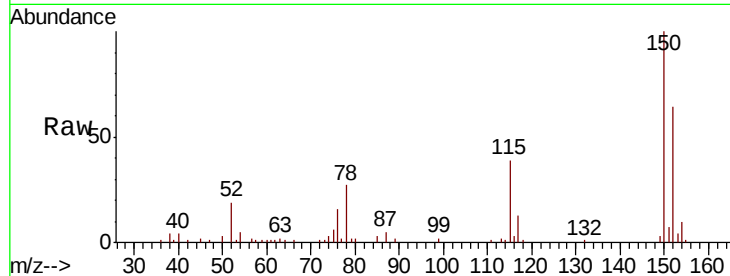


#1

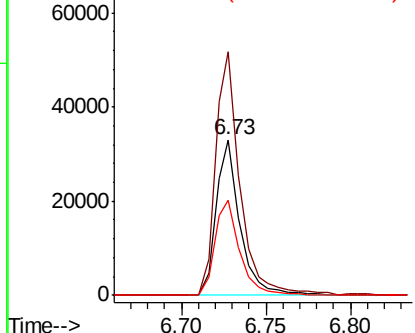
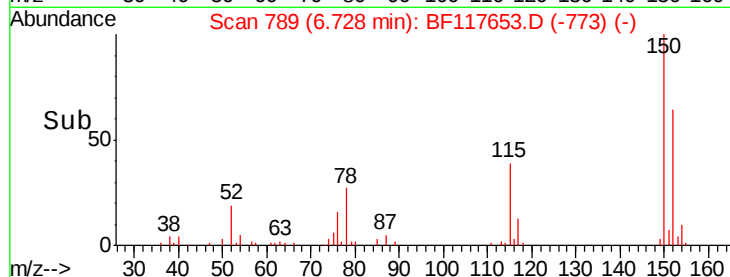
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117653.D
 Acq: 31 Oct 2019 13:04

Instrument :
 BNA_F
 ClientSampleId :
 155-98-(0-1.1)

Tot Ion:152 Resp: 32629
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.8 190.2
 115 61.2 51.6 77.4



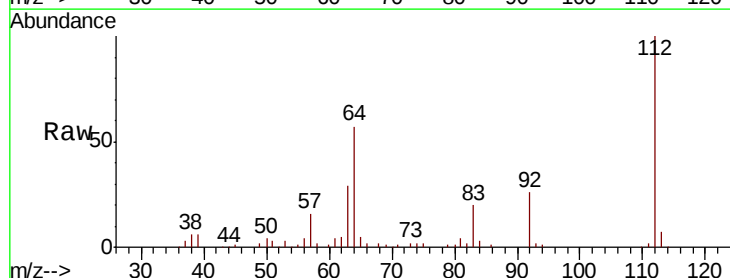
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



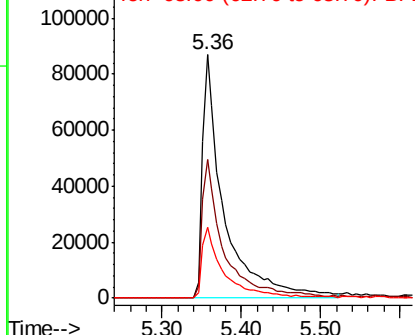
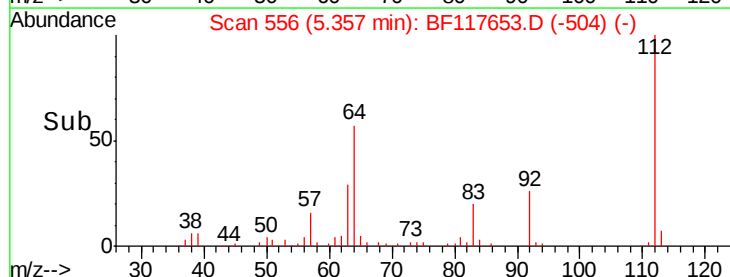
#5

2-Fluorophenol
 Concen: 75.365 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF117653.D
 Acq: 31 Oct 2019 13:04

Tgt Ion:112 Resp: 165295
 Ion Ratio Lower Upper
 112 100
 64 57.1 44.1 66.1
 63 28.9 23.4 35.2



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: 84.130 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117653.D

Acq: 31 Oct 2019 13:04

Instrument :

BNA_F

ClientSampleId :

155-98-(0-1.1)

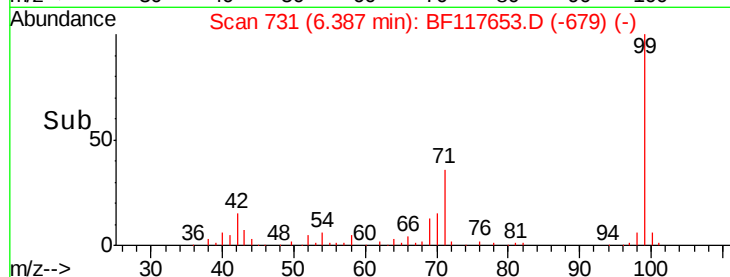
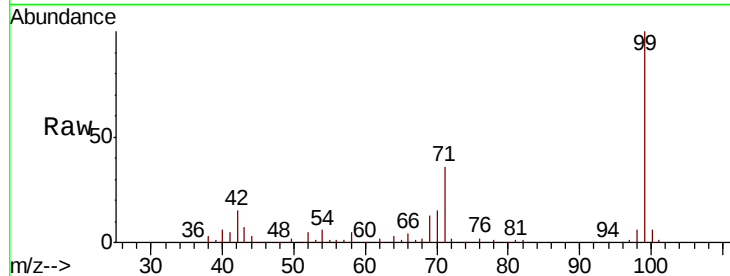
Tot Ion: 99 Resp: 247828

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

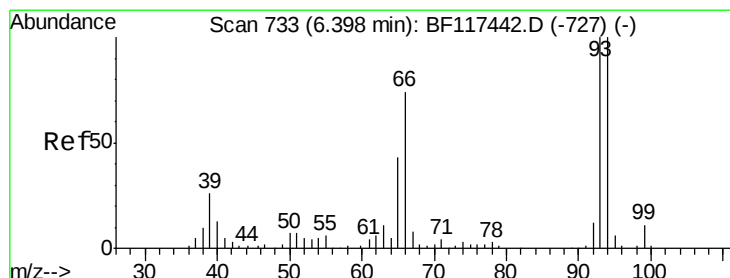
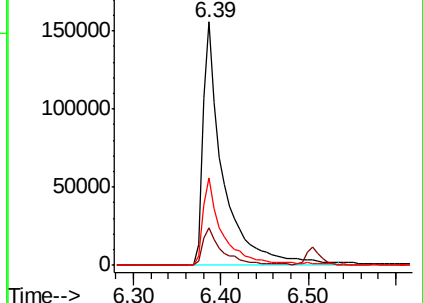
71 35.8 28.6 43.0



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



#10

Phenol

Concen: 3.664 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF117653.D

Acq: 31 Oct 2019 13:04

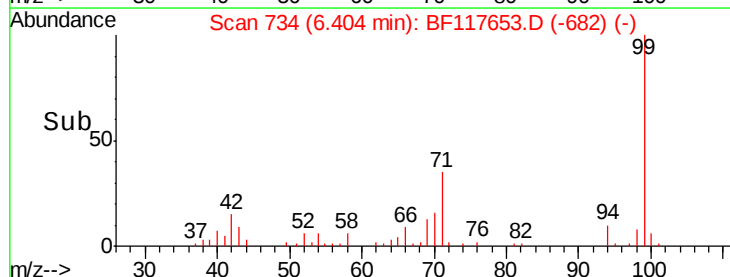
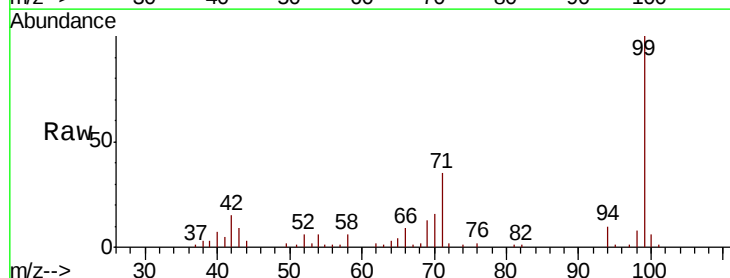
Tgt Ion: 94 Resp: 11015

Ion Ratio Lower Upper

94 100

65 38.9 23.4 63.4

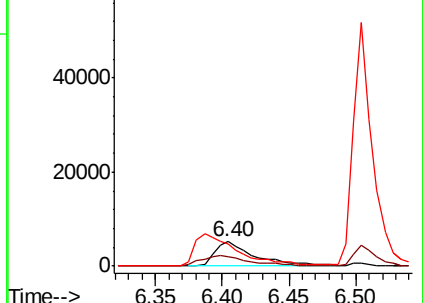
66 93.4 54.7 94.7

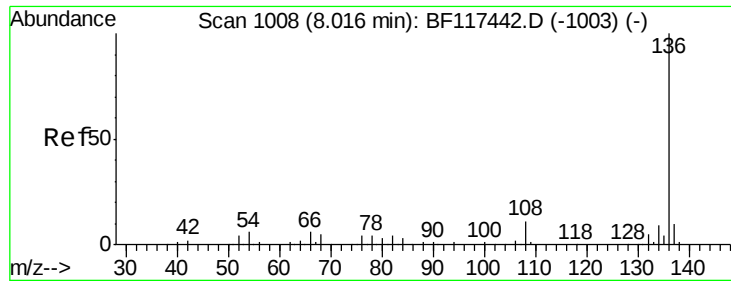


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

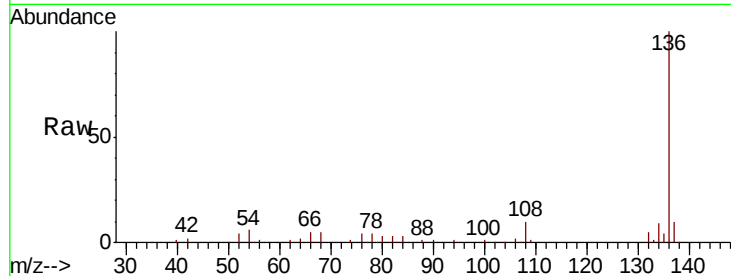




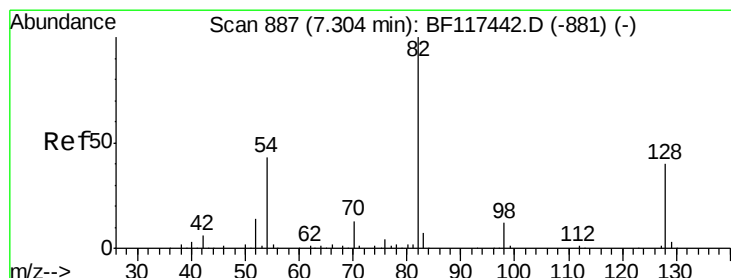
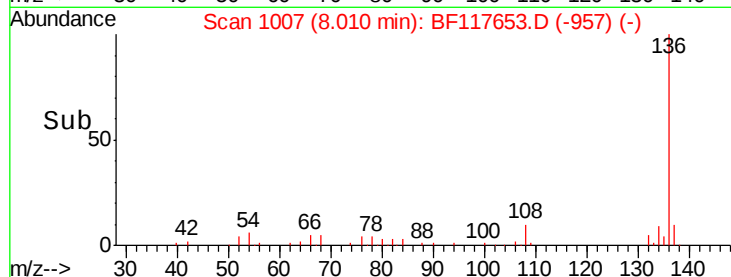
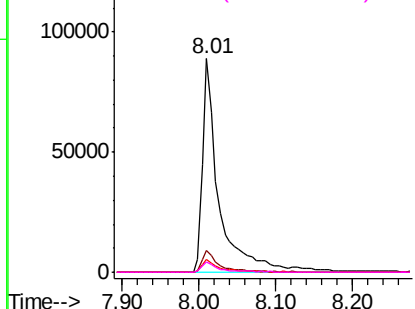
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117653.D
Acq: 31 Oct 2019 13:04

Instrument :
BNA_F
ClientSampleId :
155-98-(0-1.1)

Tot Ion:136	Resp:	133750
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.2 12.4
54	5.9	4.5 6.7
68	4.8	4.3 6.5

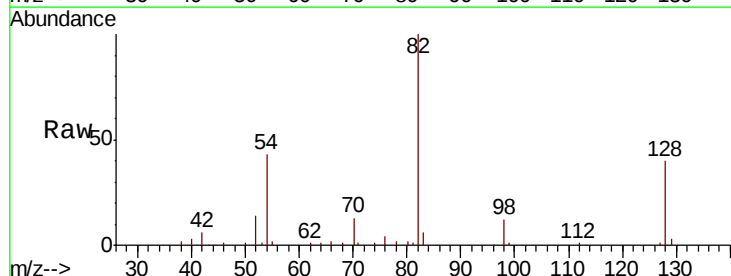


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

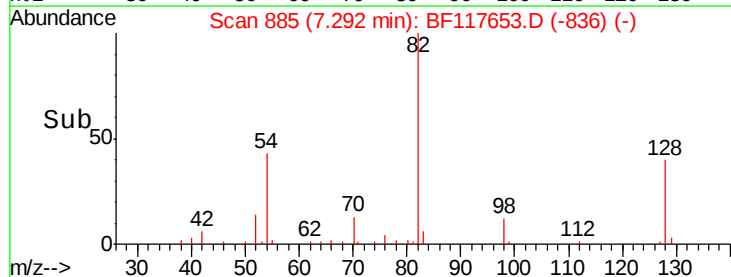
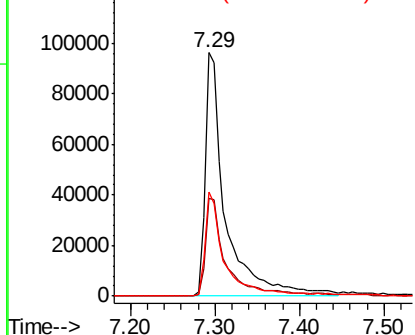


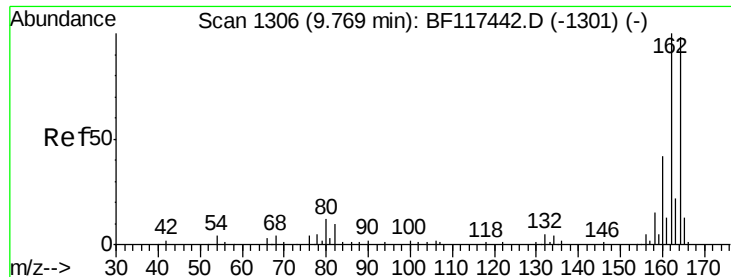
#23
Nitrobenzene-d5
Concen: 59.085 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117653.D
Acq: 31 Oct 2019 13:04

Tgt Ion: 82	Resp:	160075
Ion	Ratio	Lower Upper
82	100	
128	39.9	32.2 48.2
54	42.8	34.2 51.2



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

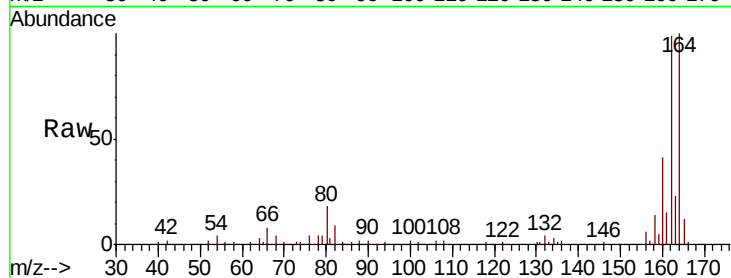




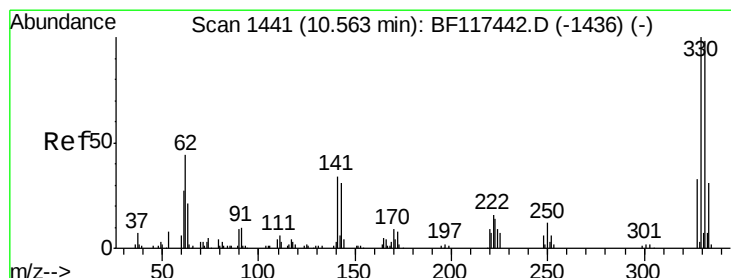
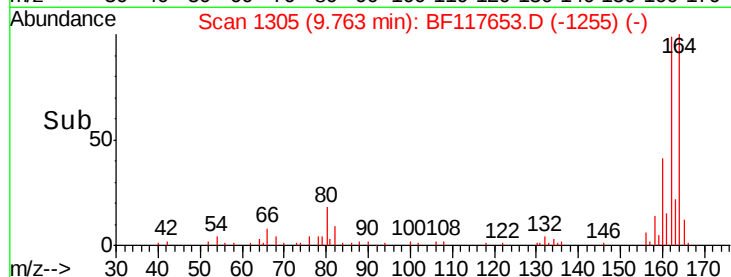
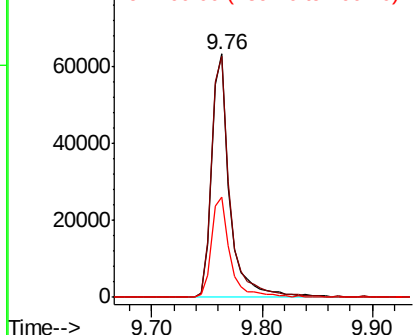
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117653.D
Acq: 31 Oct 2019 13:04

Instrument :
BNA_F
ClientSampleId :
155-98-(0-1.1)

Tot Ion:164 Resp: 70317
Ion Ratio Lower Upper
164 100
162 99.1 81.8 122.6
160 41.0 34.4 51.6

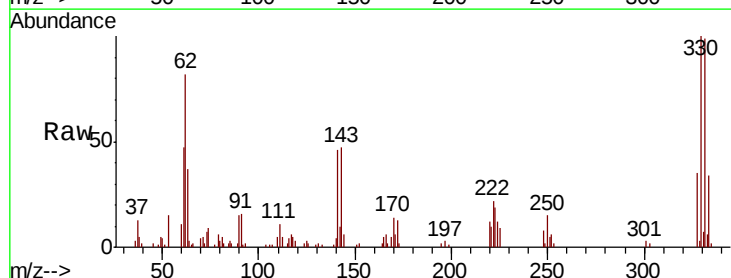


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

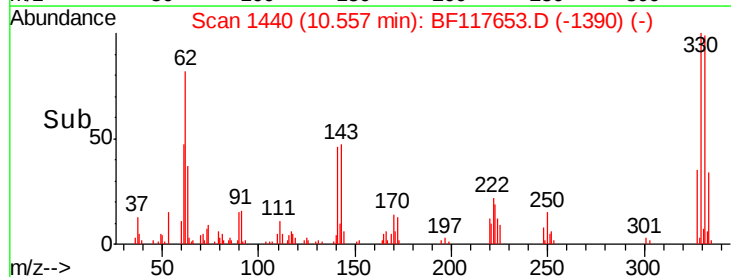
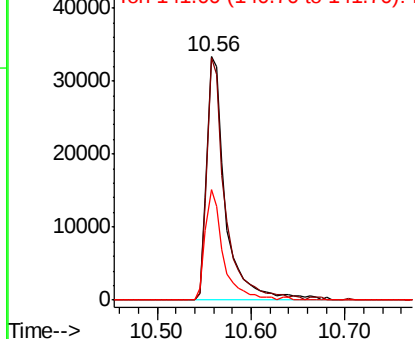


#42
2,4,6-Tribromophenol
Concen: 77.808 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117653.D
Acq: 31 Oct 2019 13:04

Tgt Ion:330 Resp: 47340
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 43.1 37.0 55.6



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

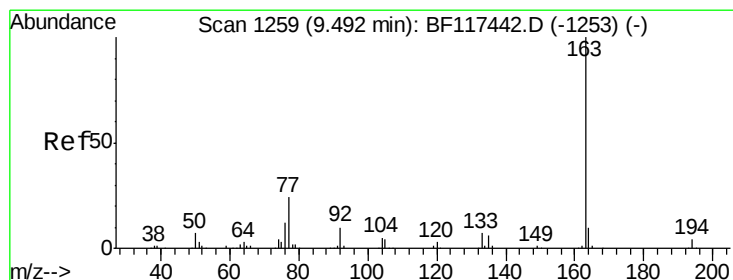
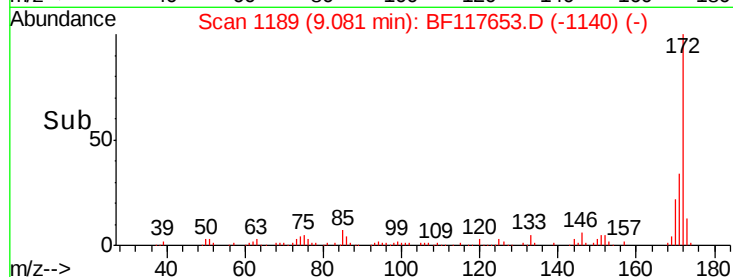
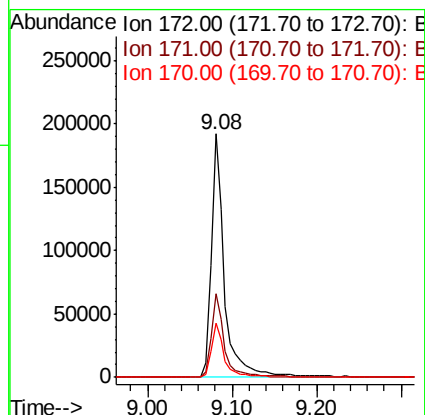
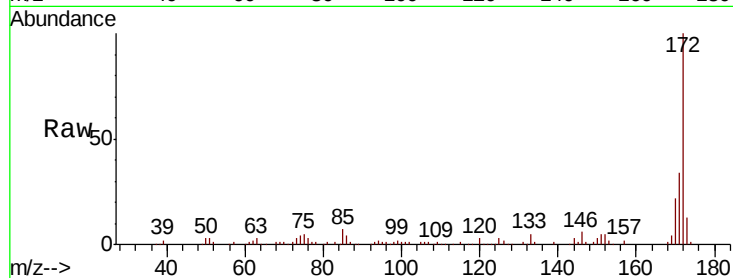




#45
2-Fluorobiphenyl
Concen: 42.195 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117653.D
Acq: 31 Oct 2019 13:04

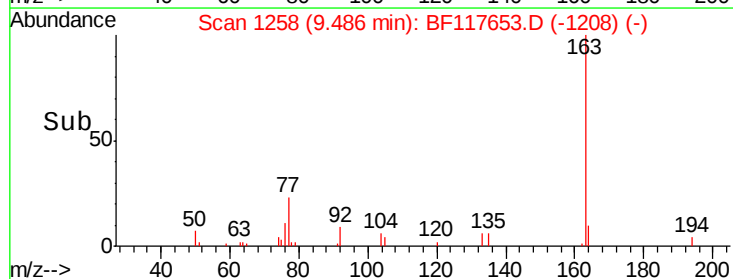
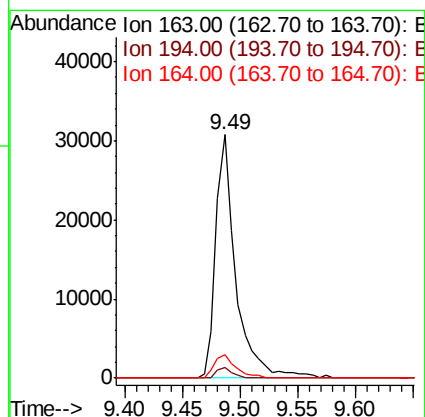
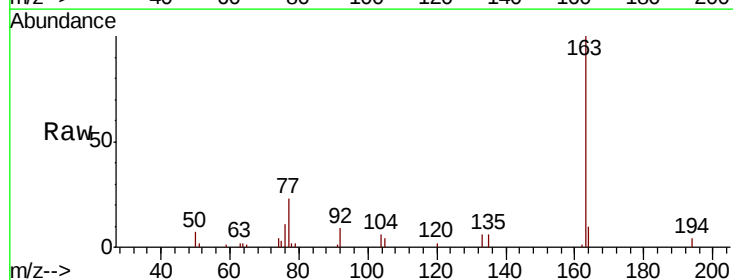
Instrument :
BNA_F
ClientSampleId :
155-98-(0-1.1)

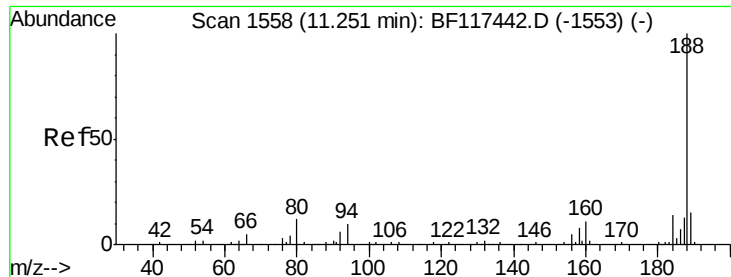
Tot Ion:172 Resp: 210576
Ion Ratio Lower Upper
172 100
171 34.5 27.5 41.3
170 22.5 18.6 27.8



#50
Dimethylphthalate
Concen: 7.423 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117653.D
Acq: 31 Oct 2019 13:04

Tgt Ion:163 Resp: 37208
Ion Ratio Lower Upper
163 100
194 4.2 2.9 4.3
164 9.8 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF117653.D

Acq: 31 Oct 2019 13:04

Instrument :

BNA_F

ClientSampleId :

155-98-(0-1.1)

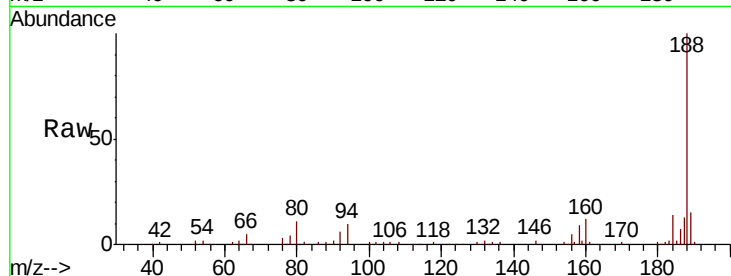
Tot Ion:188 Resp: 116821

Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

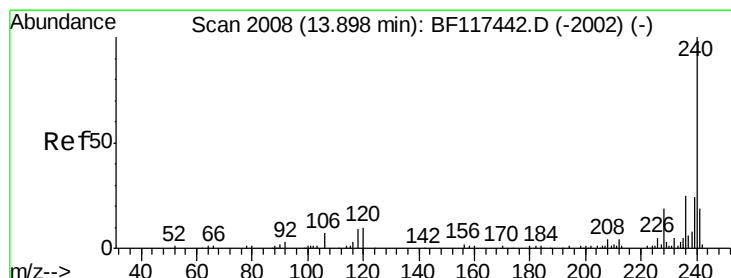
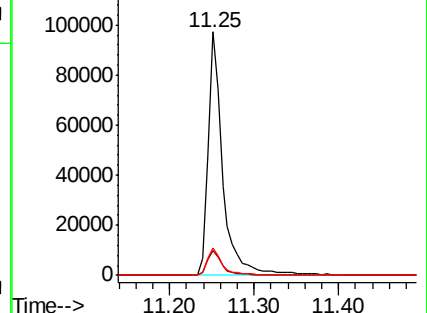
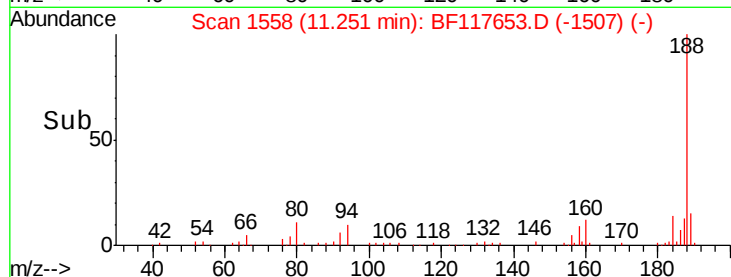
80 11.4 9.5 14.3



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. 0.00 min

Lab File: BF117653.D

Acq: 31 Oct 2019 13:04

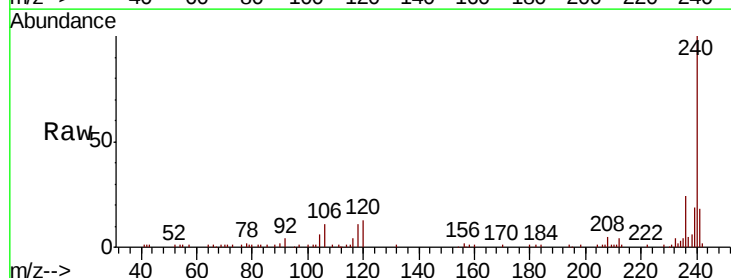
Tgt Ion:240 Resp: 87931

Ion Ratio Lower Upper

240 100

120 12.7 8.4 12.6#

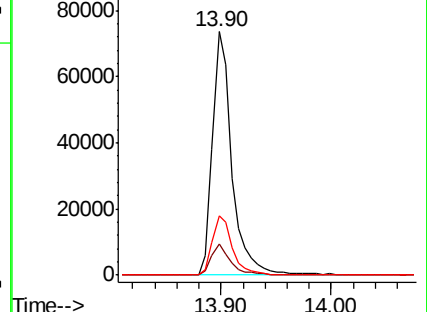
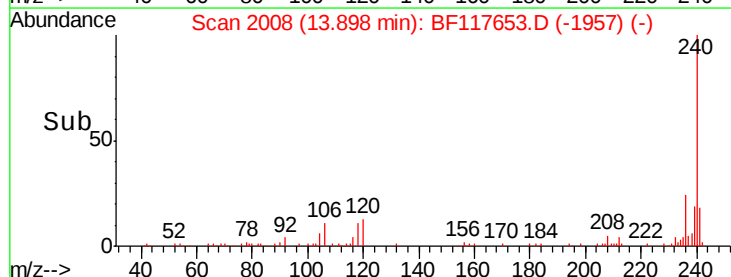
236 24.4 20.0 30.0

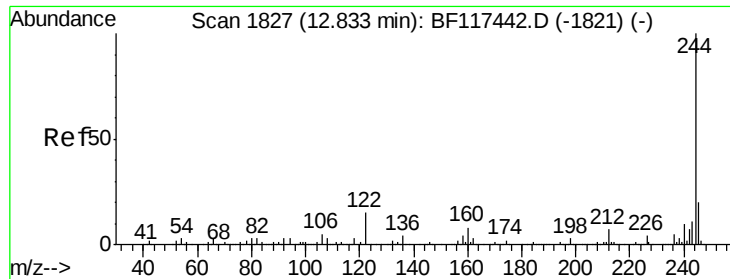


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

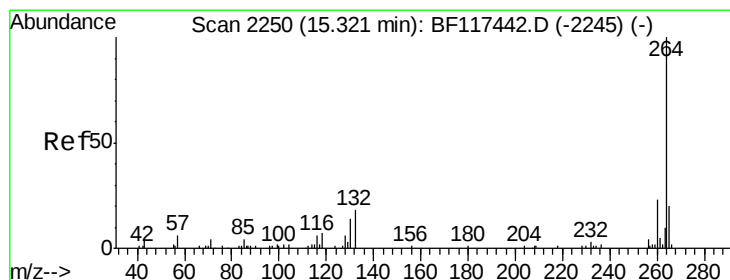
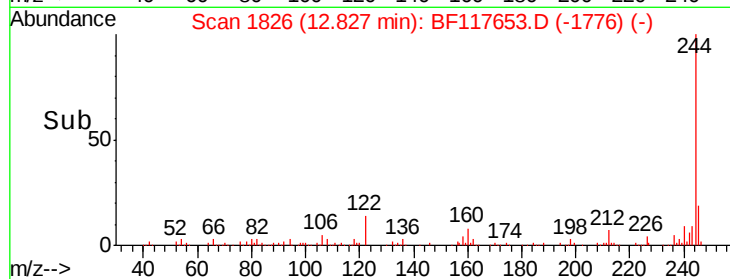
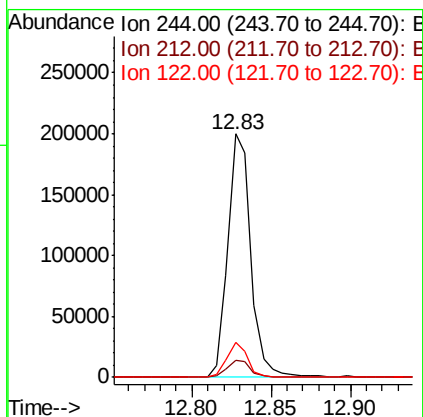
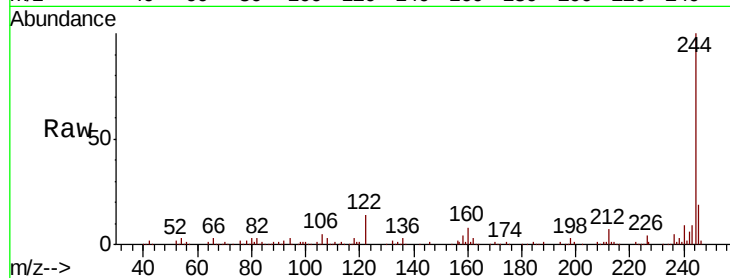




#79
 Terphenyl-d14
 Concen: 37.373 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117653.D
 Acq: 31 Oct 2019 13:04

Instrument :
 BNA_F
 ClientSampleId :
 155-98-(0-1.1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	14.2	11.8	17.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.02 min
 Lab File: BF117653.D
 Acq: 31 Oct 2019 13:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	21.1	16.1	24.1

