

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117798.D
 Acq On : 15 Nov 2019 11:02
 Operator : JU
 Sample : PB124616BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124616BL

Quant Time: Nov 15 12:01:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	359785	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1404404	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	752484	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1459631	20.00	ng	0.00
76) Chrysene-d12	14.11	240	1171490	20.00	ng	0.00
87) Perylene-d12	15.62	264	1134081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2628182	129.30	ng	0.02
7) Phenol-d6	6.55	99	3292249	134.29	ng	0.00
23) Nitrobenzene-d5	7.49	82	2147301	90.89	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	1099479	138.01	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	3795402	90.49	ng	0.00
79) Terphenyl-d14	13.06	244	4620986	72.09	ng	0.00

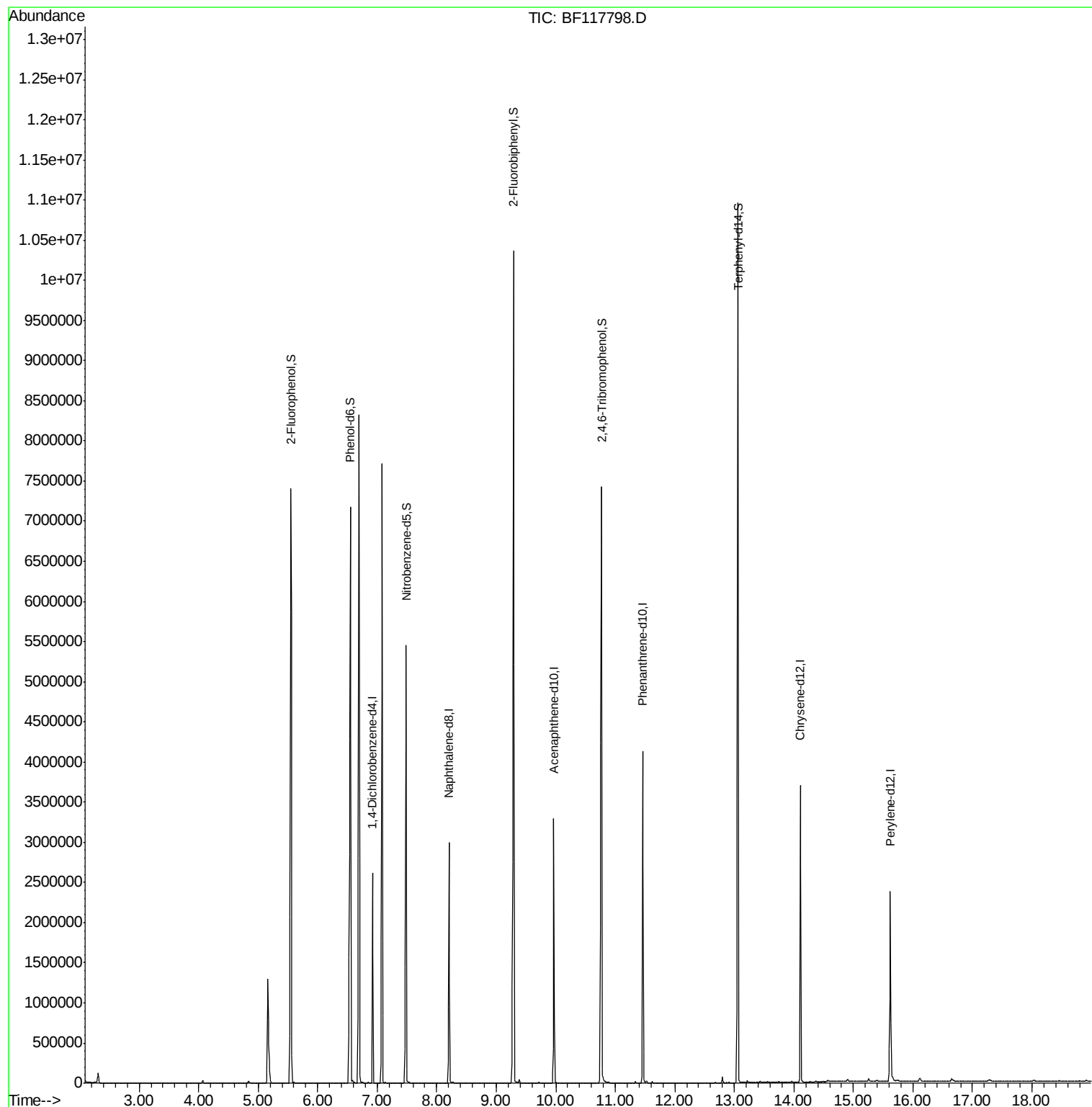
Target Compounds Qvalue

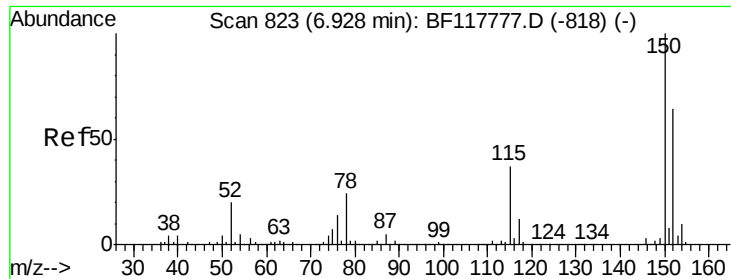
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117798.D
Acq On : 15 Nov 2019 11:02
Operator : JU
Sample : PB124616BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124616BL

Quant Time: Nov 15 12:01:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



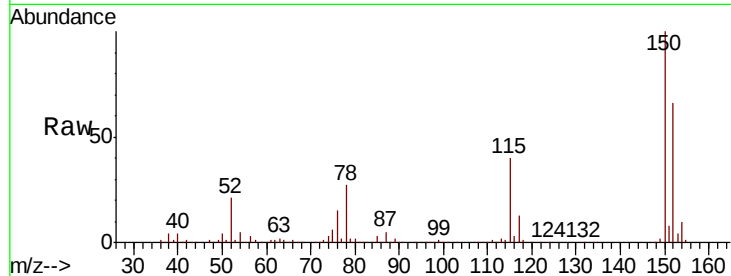


#1

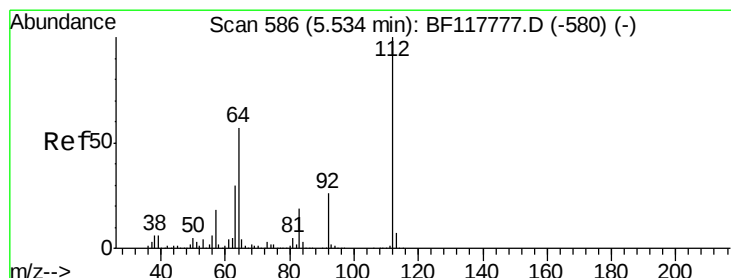
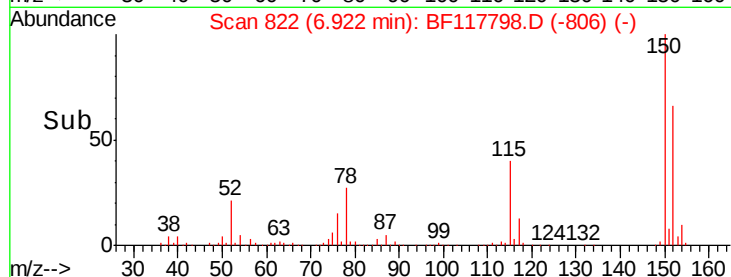
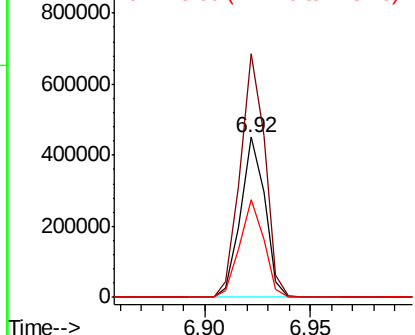
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117798.D
Acq: 15 Nov 2019 11:02

Instrument :
BNA_F
ClientSampleId :
PB124616BL

Tot Ion:152 Resp: 359785
Ion Ratio Lower Upper
152 100
150 152.1 125.3 187.9
115 61.0 47.0 70.4



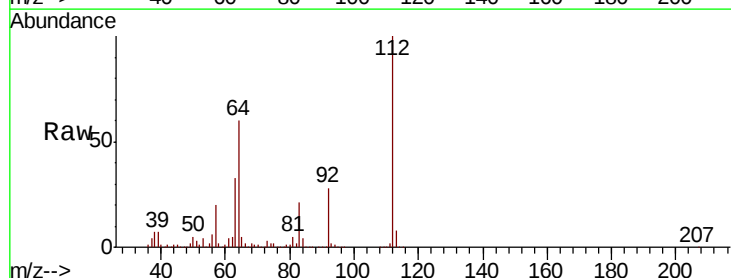
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



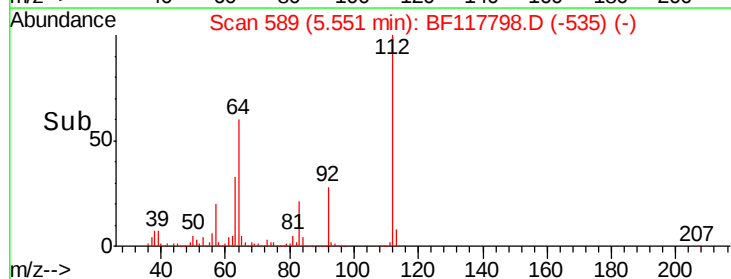
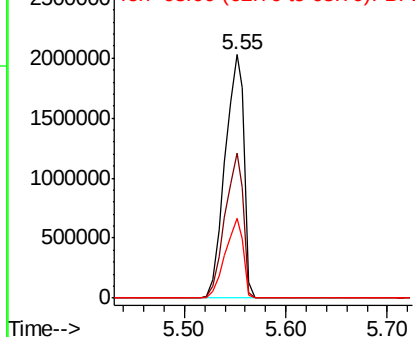
#5

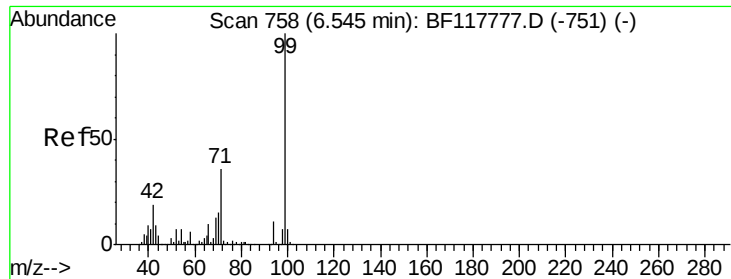
2-Fluorophenol
Concen: 129.304 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.02 min
Lab File: BF117798.D
Acq: 15 Nov 2019 11:02

Tgt Ion:112 Resp: 2628182
Ion Ratio Lower Upper
112 100
64 59.5 45.6 68.4
63 32.5 24.1 36.1



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: 134.290 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

Instrument :

BNA_F

ClientSampleId :

PB124616BL

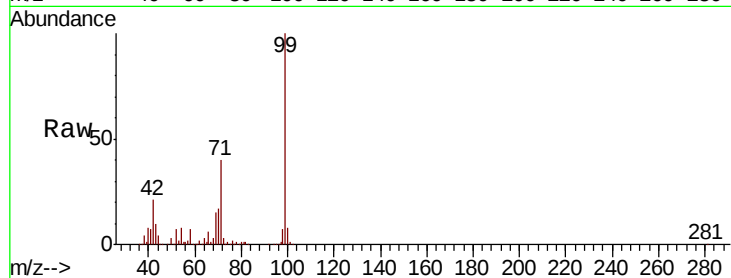
Tot Ion: 99 Resp: 3292249

Ion Ratio Lower Upper

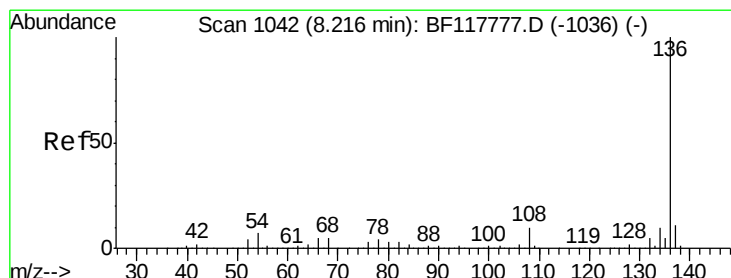
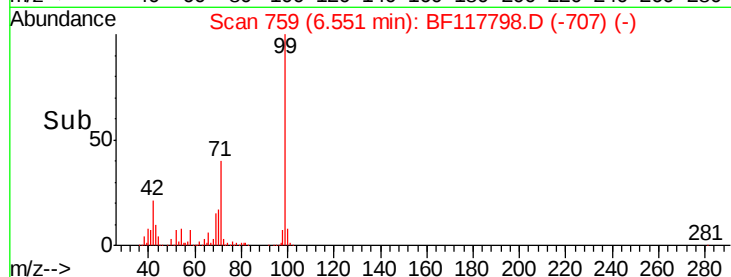
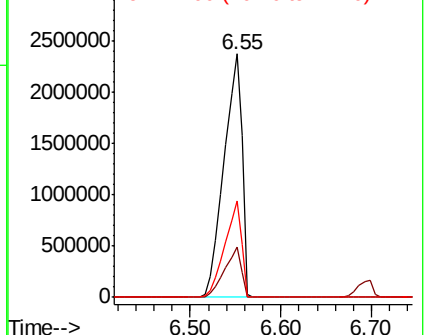
99 100

42 20.6 14.9 22.3

71 39.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

Tgt Ion: 136 Resp: 1404404

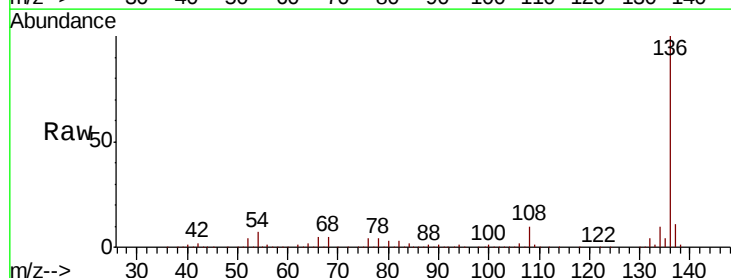
Ion Ratio Lower Upper

136 100

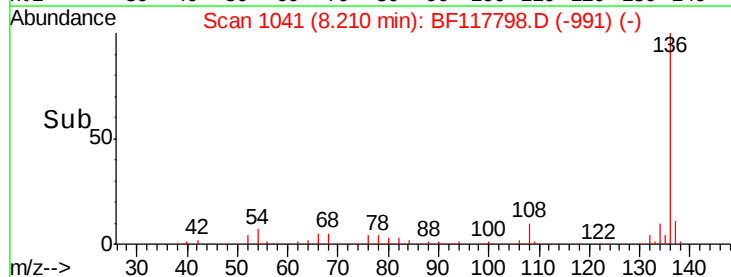
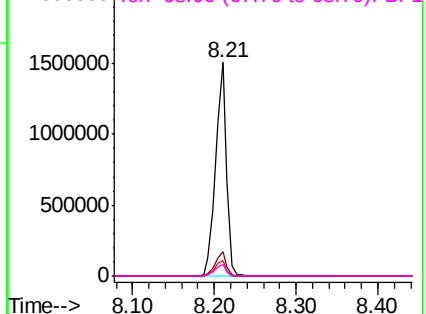
137 11.2 9.0 13.4

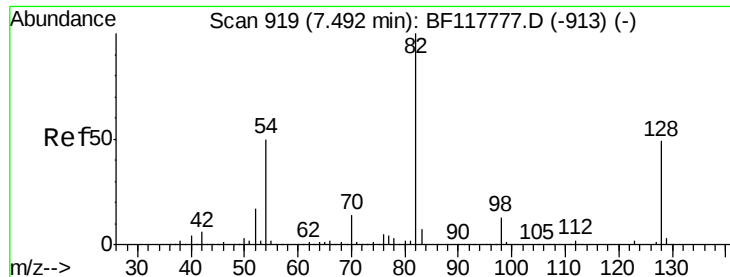
54 7.2 5.4 8.2

68 5.4 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



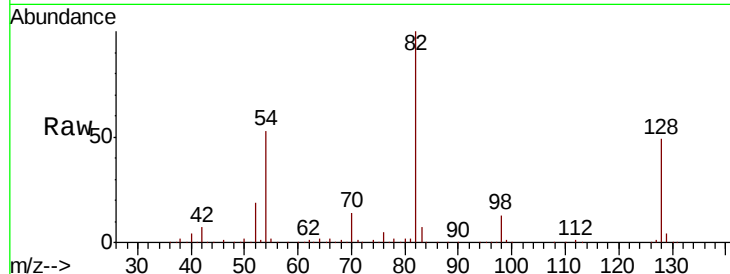


#23
 Nitrobenzene-d5
 Concen: 90.891 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF117798.D
 Acq: 15 Nov 2019 11:02

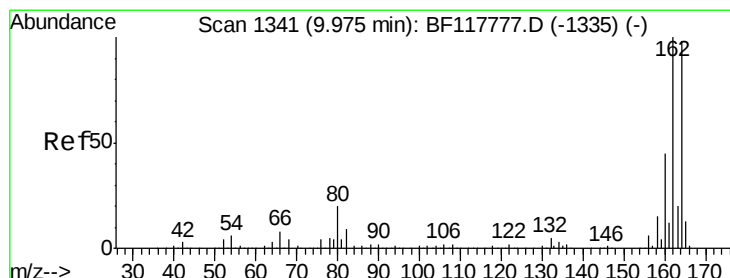
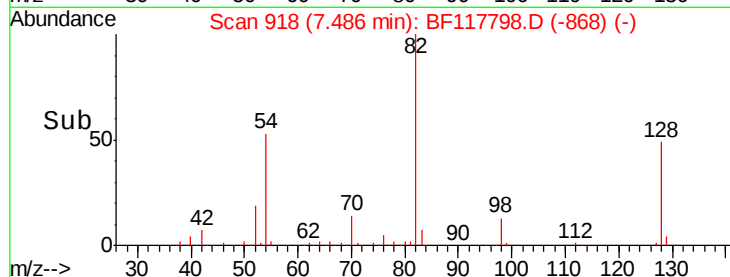
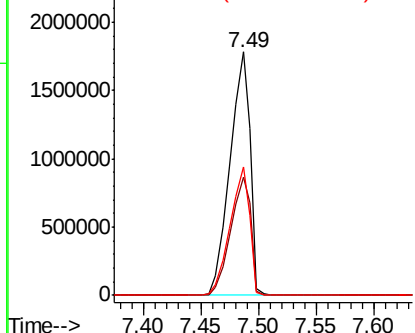
Instrument :
 BNA_F
 ClientSampleId :
 PB124616BL

Tot Ion: 82 Resp: 2147301

Ion	Ratio	Lower	Upper
82	100		
128	48.6	38.9	58.3
54	52.7	39.8	59.6



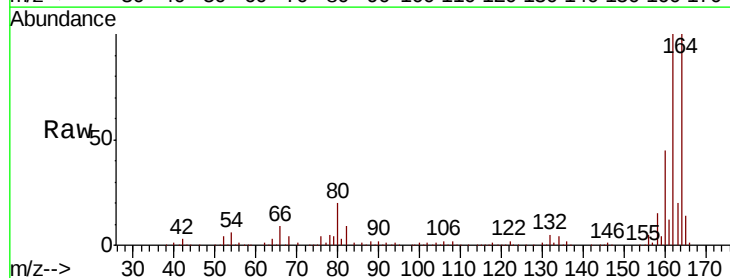
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



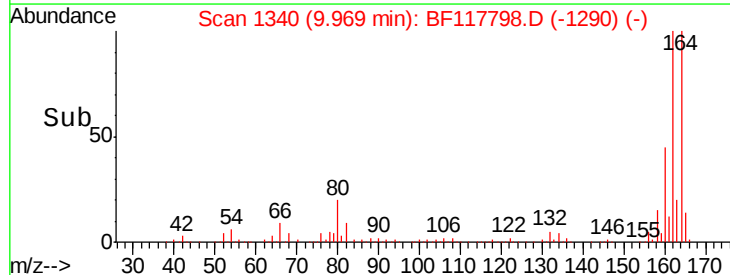
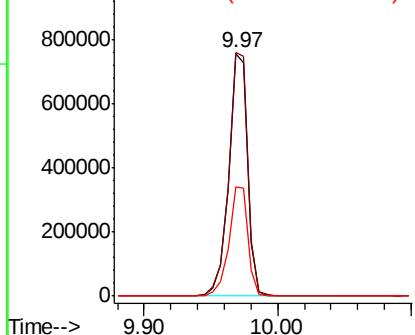
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF117798.D
 Acq: 15 Nov 2019 11:02

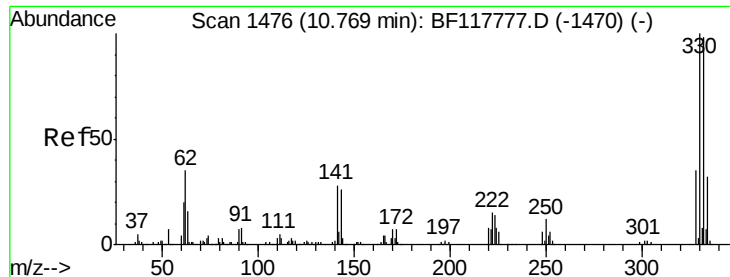
Tgt Ion:164 Resp: 752484

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.3	121.9
160	45.1	36.6	55.0



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

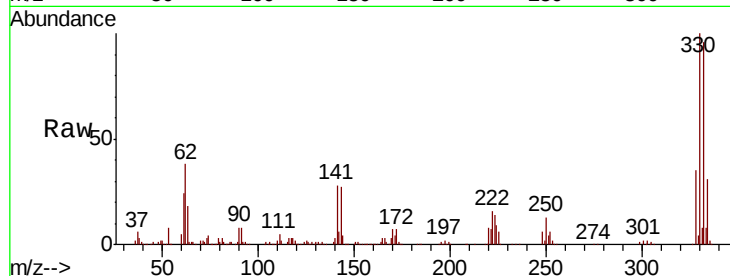




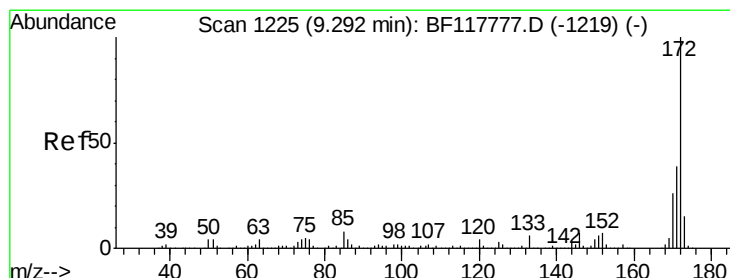
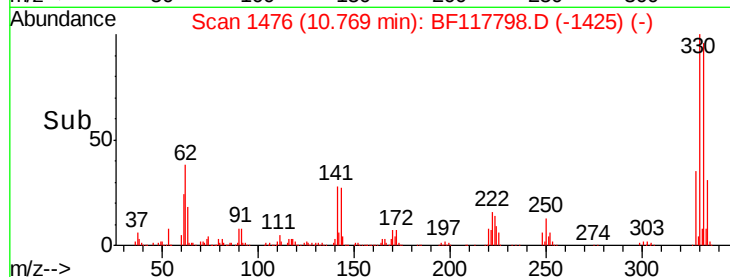
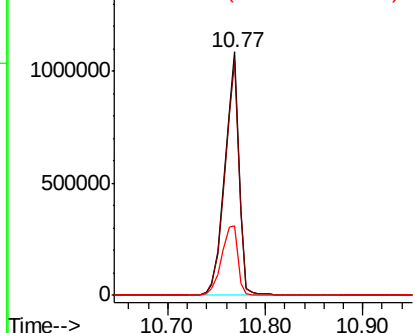
#42
 2,4,6-Tribromophenol
 Concen: 138.013 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: BF117798.D
 Acq: 15 Nov 2019 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB124616BL

Tot Ion:330 Resp: 1099479
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.7 115.1
 141 33.0 27.7 41.5

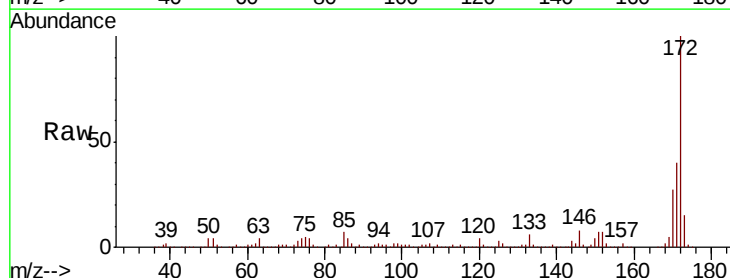


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

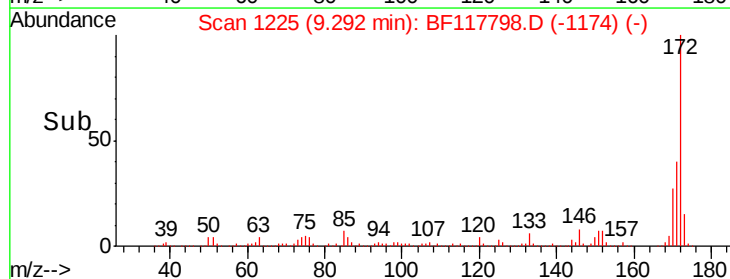
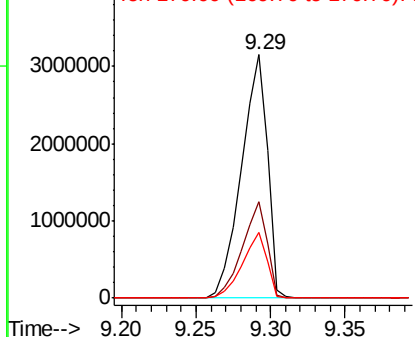


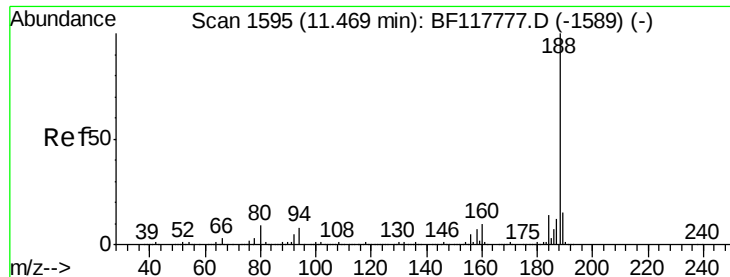
#45
 2-Fluorobiphenyl
 Concen: 90.488 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF117798.D
 Acq: 15 Nov 2019 11:02

Tgt Ion:172 Resp: 3795402
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.9 46.3
 170 27.1 21.0 31.4



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: 20.000 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

Instrument :

BNA_F

ClientSampleId :

PB124616BL

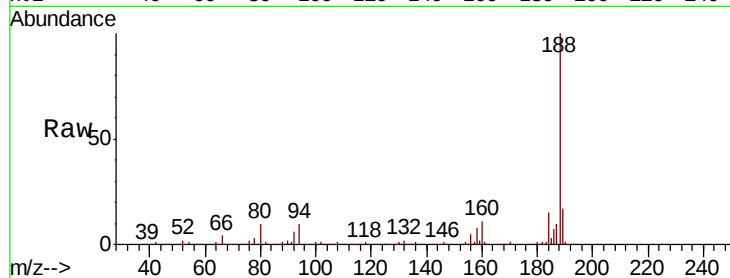
Tot Ion:188 Resp: 1459631

Ion Ratio Lower Upper

188 100

94 9.8 6.6 10.0

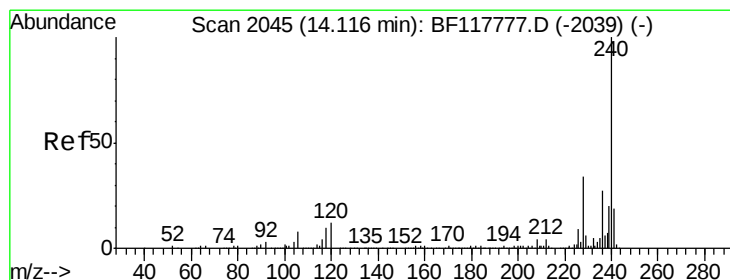
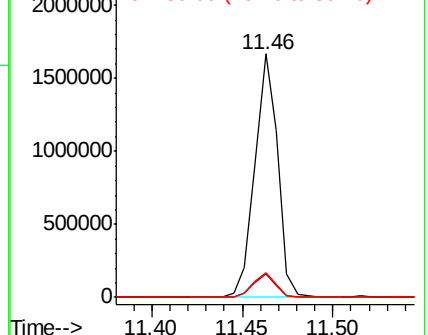
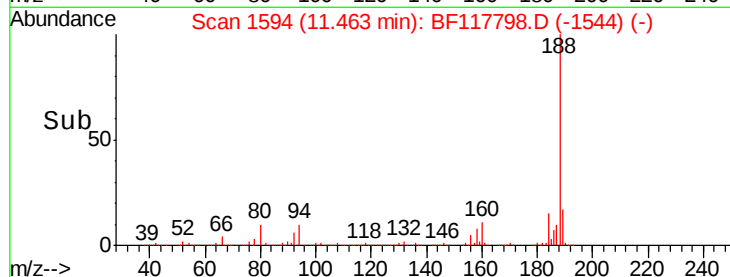
80 10.4 7.2 10.8



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: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

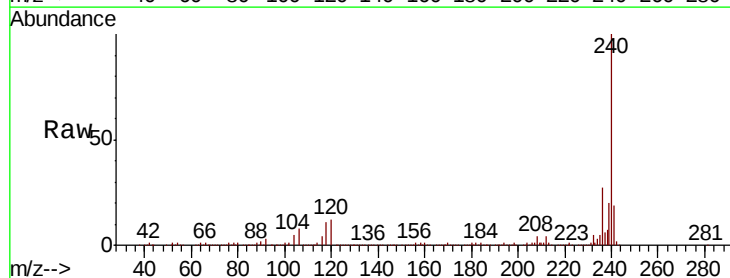
Tgt Ion:240 Resp: 1171490

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

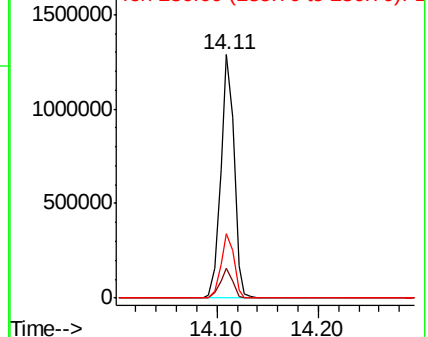
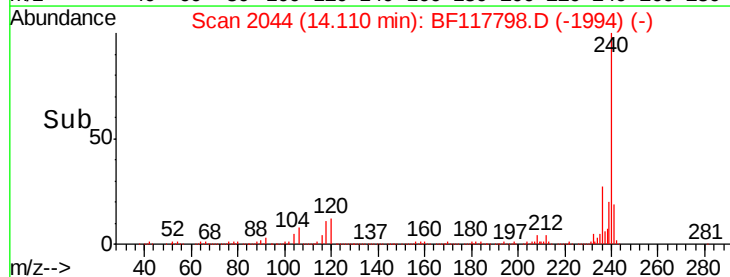
236 26.5 21.3 31.9

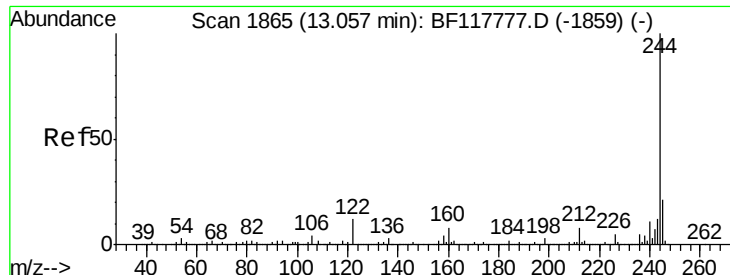


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.091 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

Instrument :

BNA_F

ClientSampleId :

PB124616BL

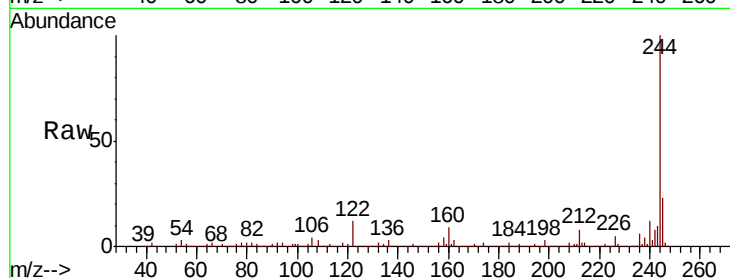
Tot Ion:244 Resp: 4620986

Ion Ratio Lower Upper

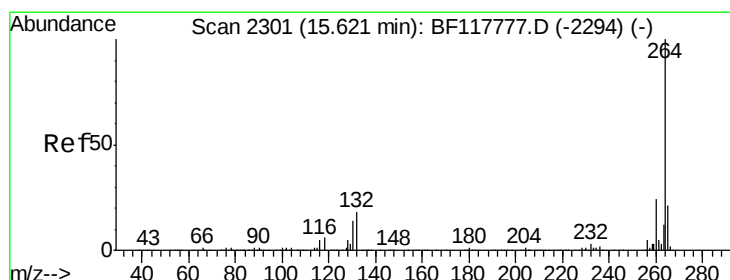
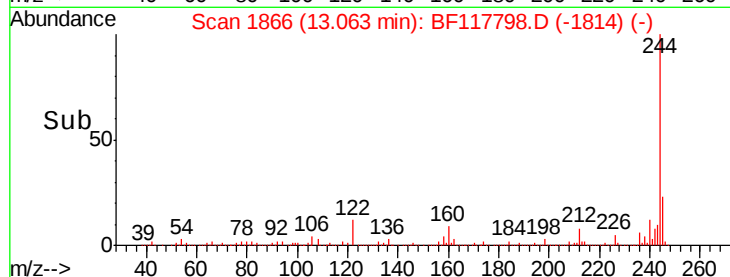
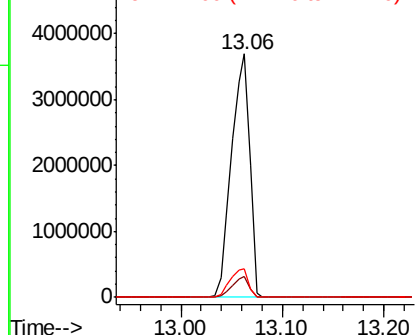
244 100

212 8.4 6.3 9.5

122 11.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E
5000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

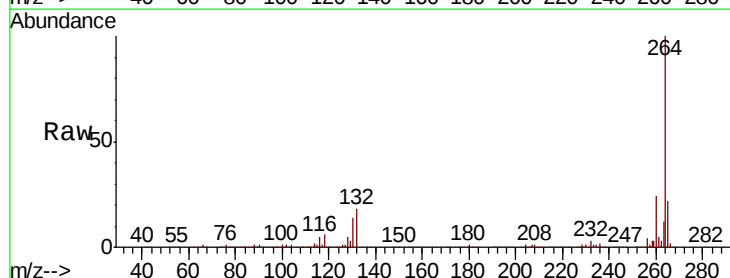
Tgt Ion:264 Resp: 1134081

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.5 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
1200000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

