

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
 Data File : BF117792.D
 Acq On : 14 Nov 2019 12:55
 Operator : JU
 Sample : PB124575BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124575BL

Quant Time: Nov 14 14:31:17 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	285432	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1098669	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	581988	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1132111	20.00	ng	0.00
76) Chrysene-d12	14.11	240	849447	20.00	ng	0.00
87) Perylene-d12	15.62	264	795051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1393273	86.40	ng	0.00
7) Phenol-d6	6.54	99	1156928	59.48	ng	0.00
23) Nitrobenzene-d5	7.49	82	1739484	94.12	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	894040	145.10	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	3048342	93.97	ng	0.00
79) Terphenyl-d14	13.06	244	3751683	80.72	ng	0.00

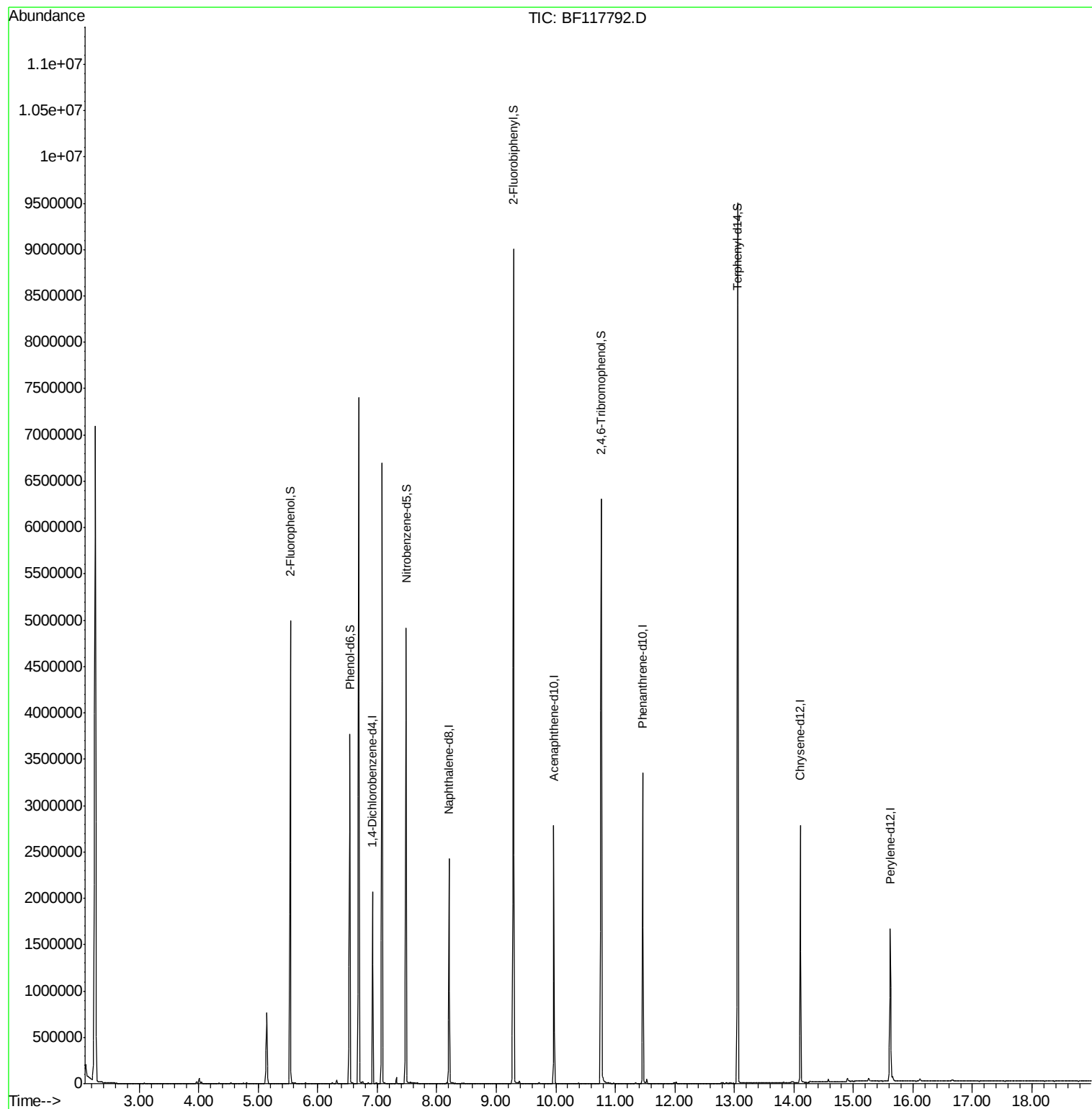
Target Compounds Qvalue

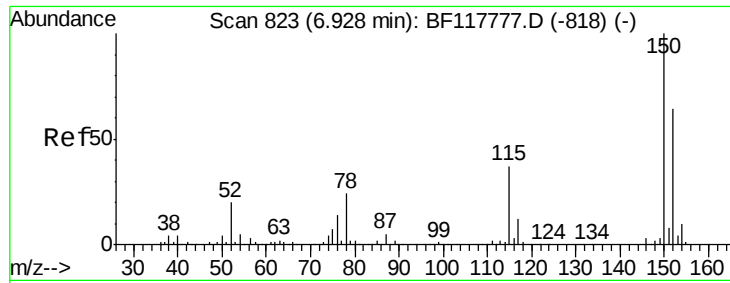
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
Data File : BF117792.D
Acq On : 14 Nov 2019 12:55
Operator : JU
Sample : PB124575BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124575BL

Quant Time: Nov 14 14:31:17 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



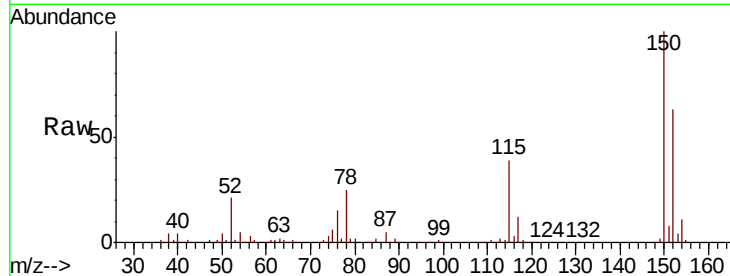


#1

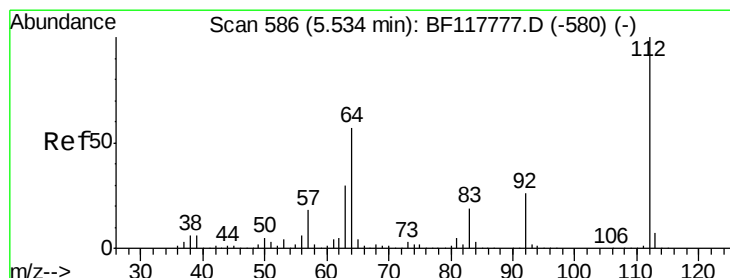
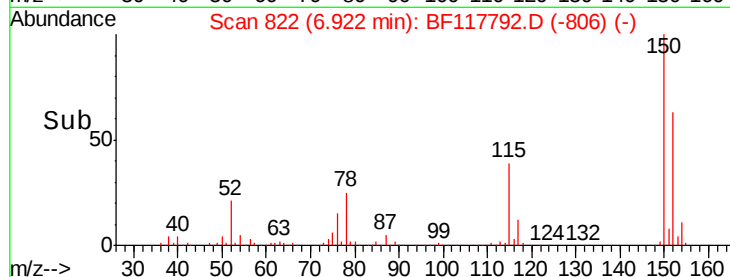
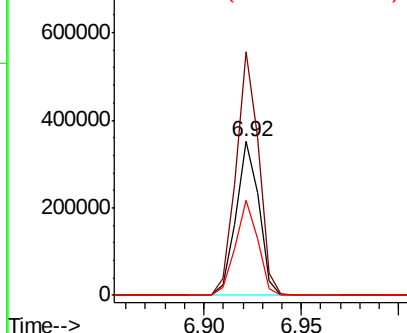
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117792.D
Acq: 14 Nov 2019 12:55

Instrument :
BNA_F
ClientSampleId :
PB124575BL

Tot Ion:152 Resp: 285432
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 61.8 47.0 70.4



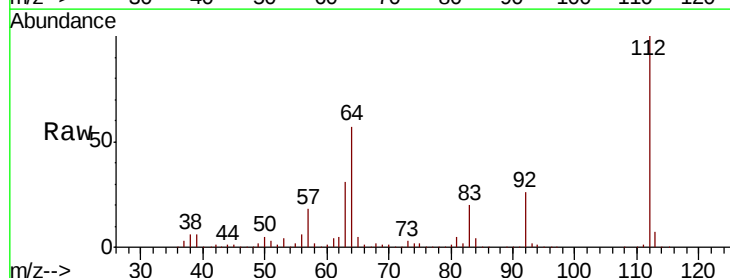
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



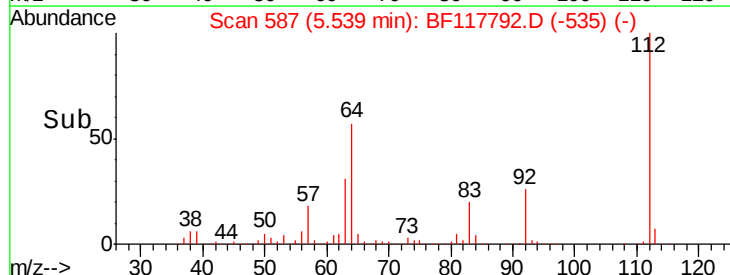
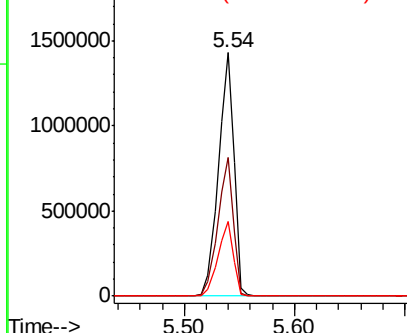
#5

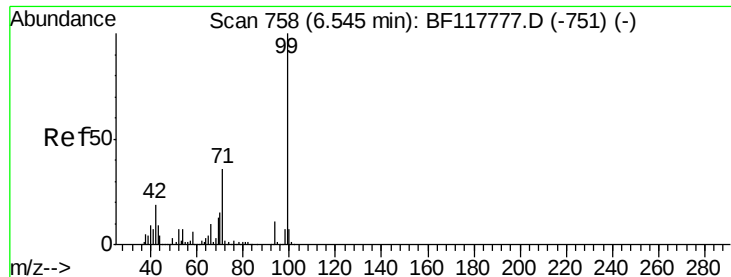
2-Fluorophenol
Concen: 86.404 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.01 min
Lab File: BF117792.D
Acq: 14 Nov 2019 12:55

Tgt Ion:112 Resp: 1393273
Ion Ratio Lower Upper
112 100
64 57.1 45.6 68.4
63 30.8 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: 59.484 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117792.D

Acq: 14 Nov 2019 12:55

Instrument :

BNA_F

ClientSampleId :

PB124575BL

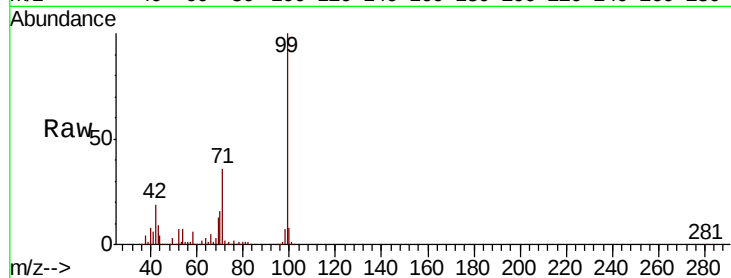
Tot Ion: 99 Resp: 1156928

Ion Ratio Lower Upper

99 100

42 18.7 14.9 22.3

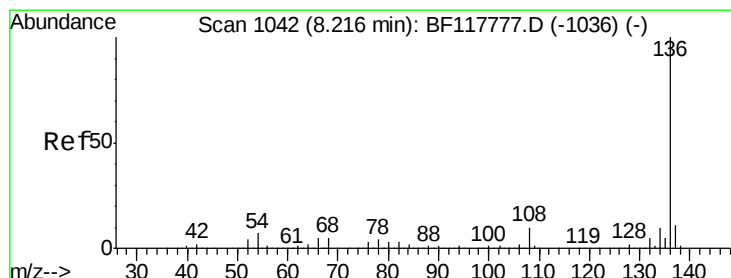
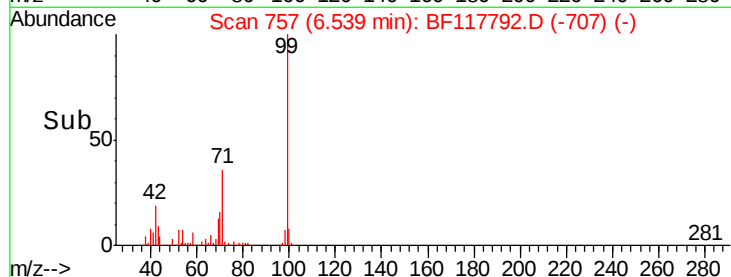
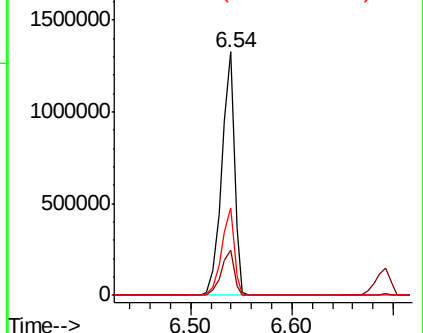
71 35.8 28.6 43.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117792.D

Acq: 14 Nov 2019 12:55

Tgt Ion: 136 Resp: 1098669

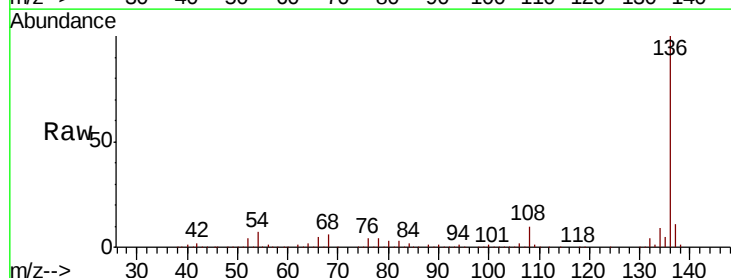
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.8 5.4 8.2

68 5.5 4.3 6.5

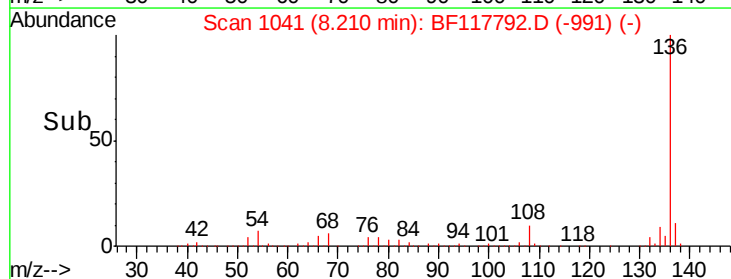
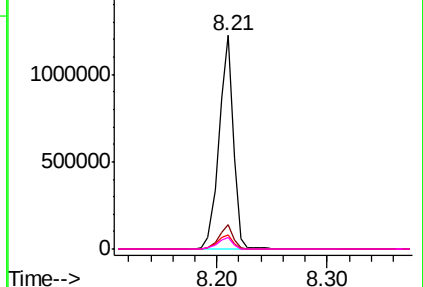


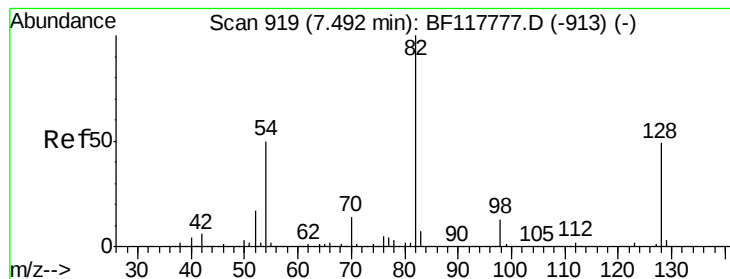
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.119 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117792.D

Acq: 14 Nov 2019 12:55

Instrument :

BNA_F

ClientSampleId :

PB124575BL

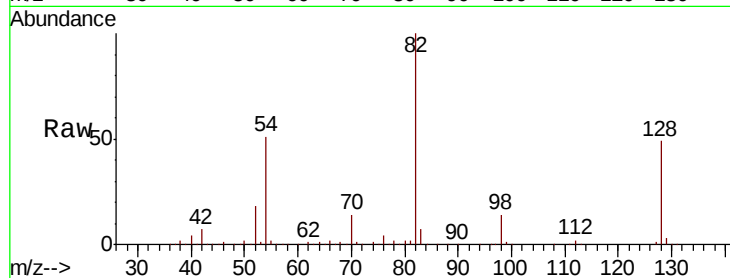
Tot Ion: 82 Resp: 1739484

Ion Ratio Lower Upper

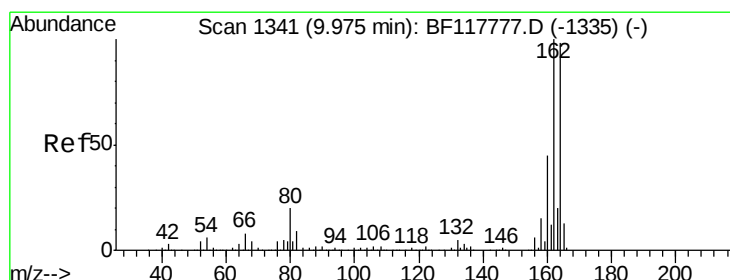
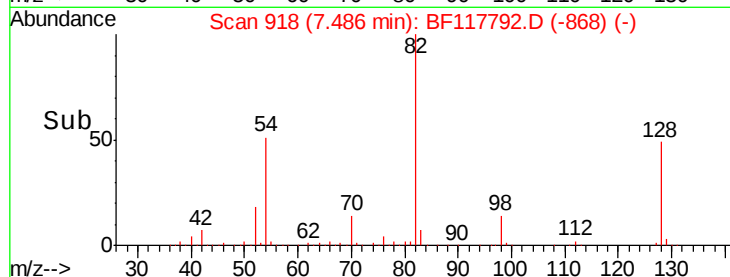
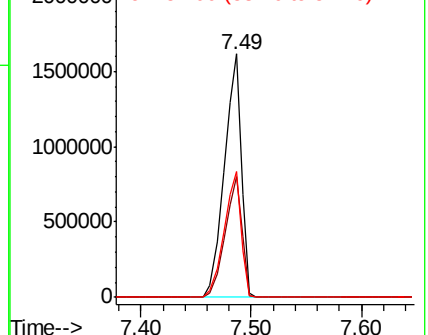
82 100

128 49.4 38.9 58.3

54 51.4 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: BF117792.D

Acq: 14 Nov 2019 12:55

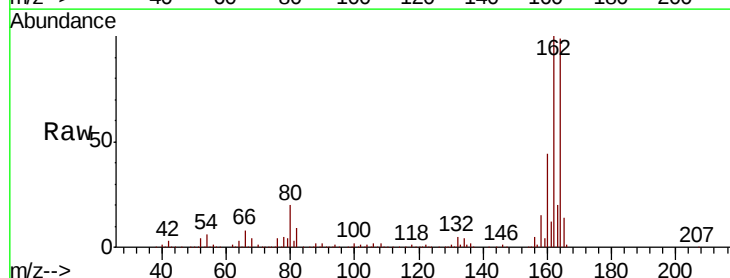
Tgt Ion:164 Resp: 581988

Ion Ratio Lower Upper

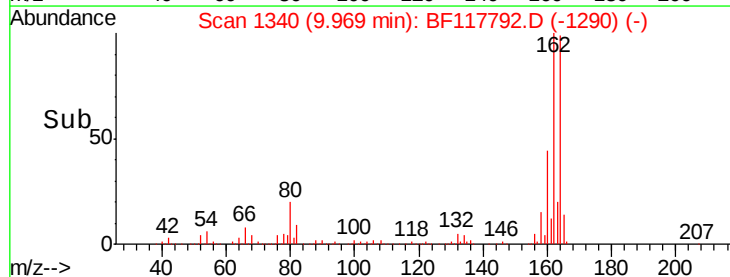
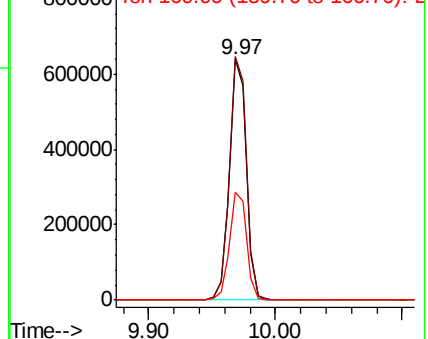
164 100

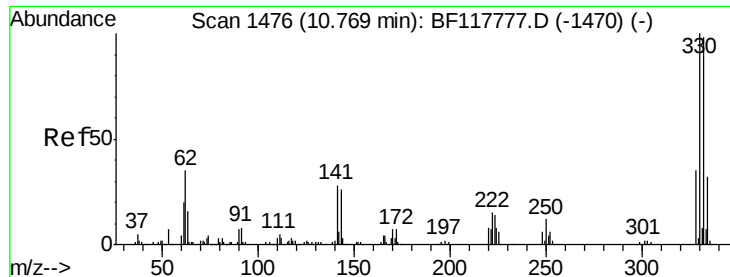
162 101.1 81.3 121.9

160 45.0 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: 145.102 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117792.D

Acq: 14 Nov 2019 12:55

Instrument :

BNA_F

ClientSampleId :

PB124575BL

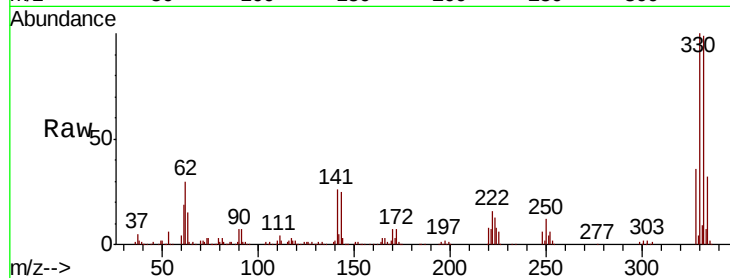
Tot Ion:330 Resp: 894040

Ion Ratio Lower Upper

330 100

332 96.9 76.7 115.1

141 33.1 27.7 41.5

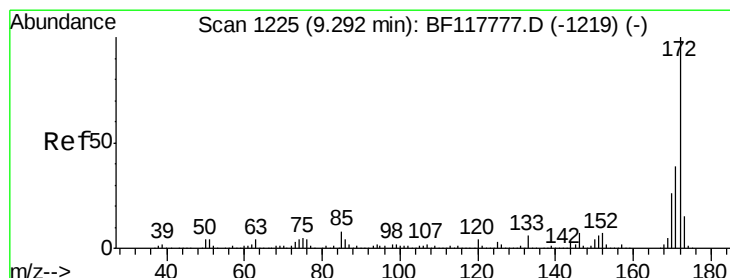
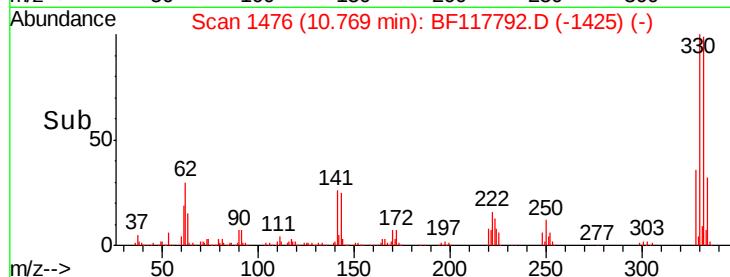
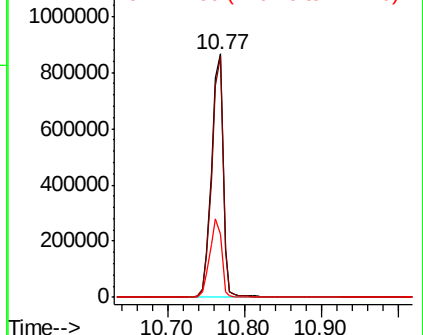


Abundance

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: 93.968 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF117792.D

Acq: 14 Nov 2019 12:55

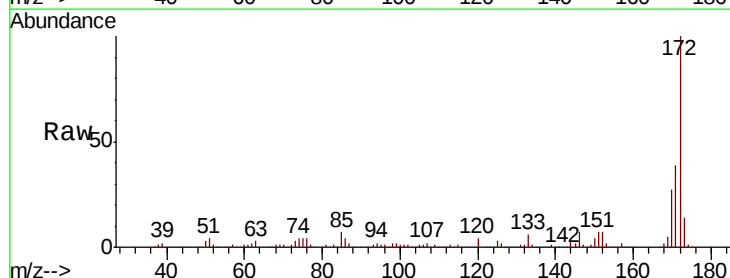
Tgt Ion:172 Resp: 3048342

Ion Ratio Lower Upper

172 100

171 39.0 30.9 46.3

170 26.5 21.0 31.4

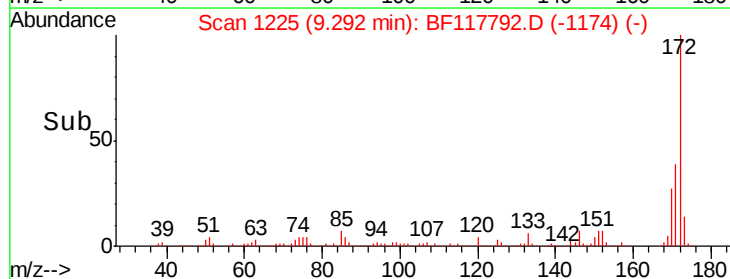
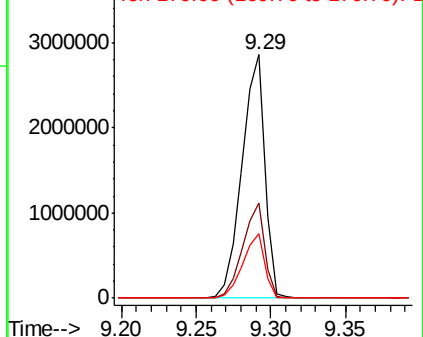


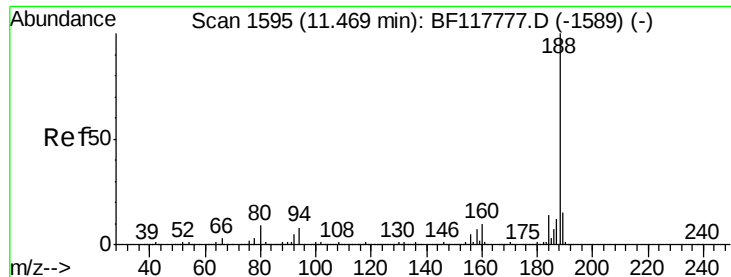
Abundance

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: BF117792.D

Acq: 14 Nov 2019 12:55

Instrument :

BNA_F

ClientSampleId :

PB124575BL

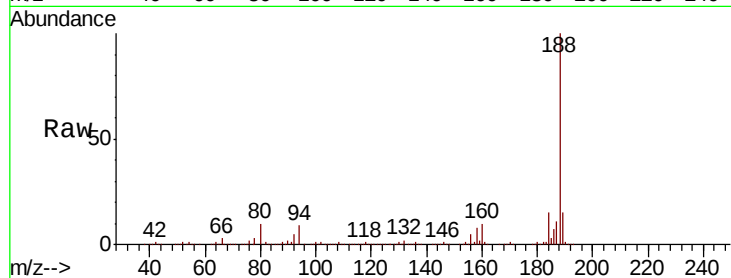
Tot Ion:188 Resp: 1132111

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

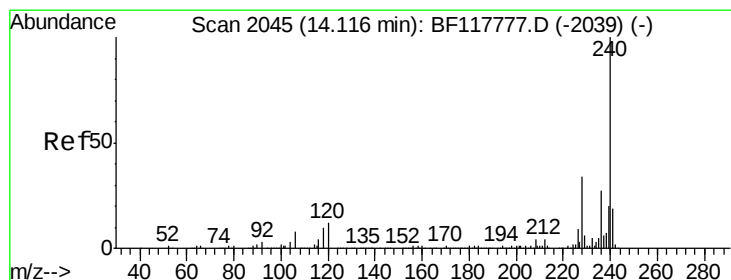
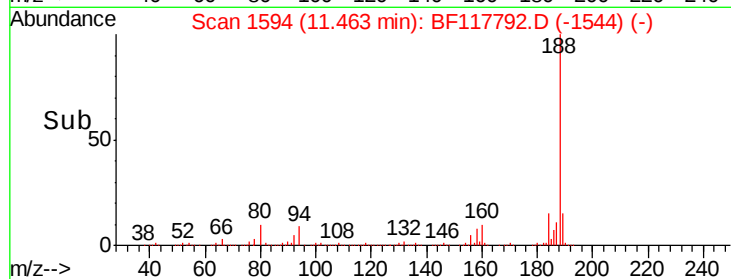
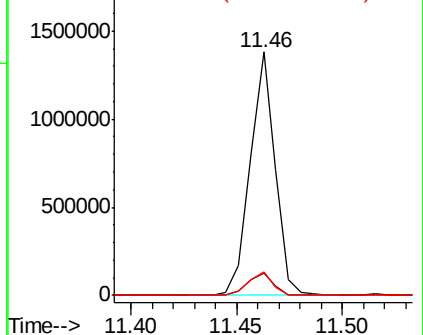
80 9.7 7.2 10.8



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: BF117792.D

Acq: 14 Nov 2019 12:55

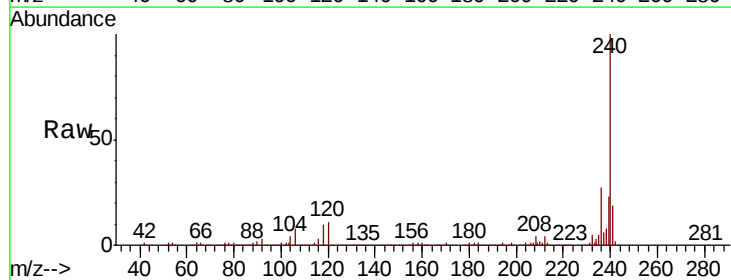
Tgt Ion:240 Resp: 849447

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

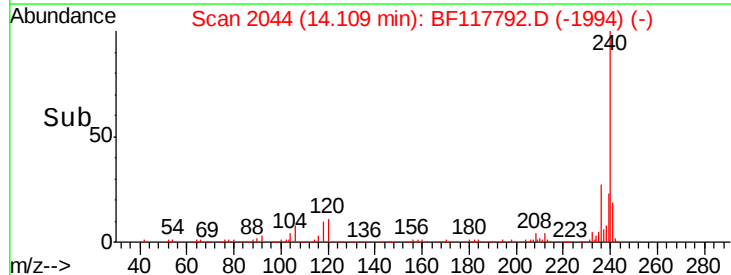
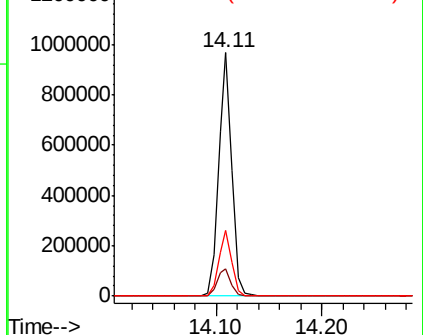
236 27.1 21.3 31.9

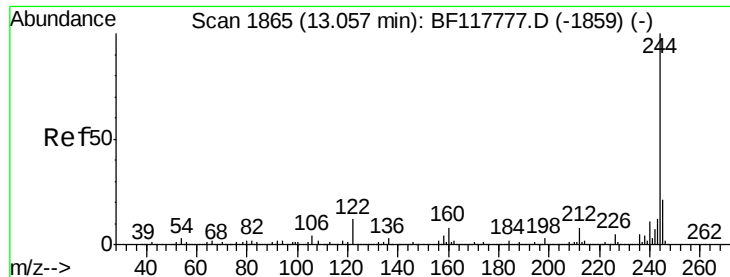


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.719 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117792.D

Acq: 14 Nov 2019 12:55

Instrument :

BNA_F

ClientSampleId :

PB124575BL

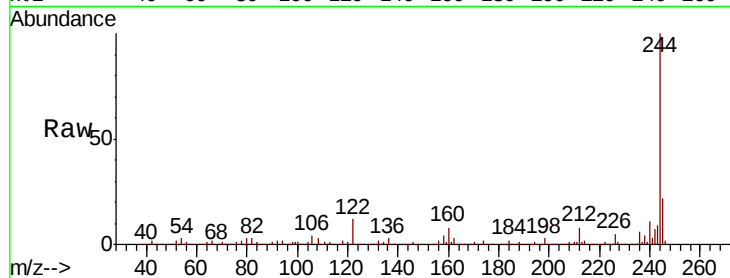
Tot Ion:244 Resp: 3751683

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

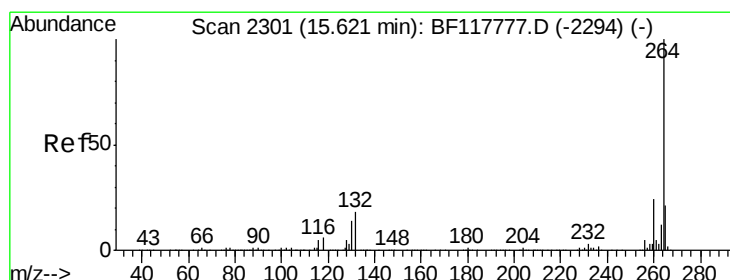
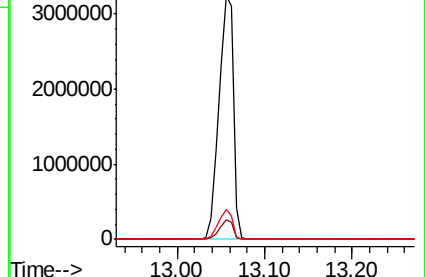
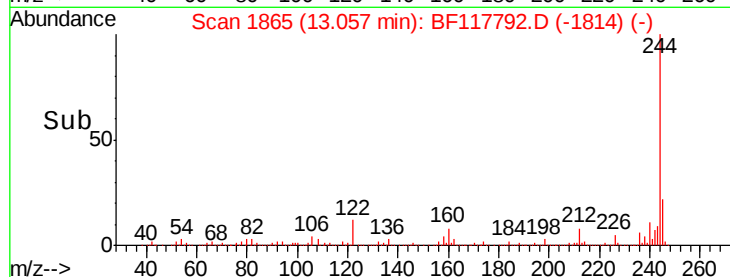
122 12.5 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BF117792.D

Acq: 14 Nov 2019 12:55

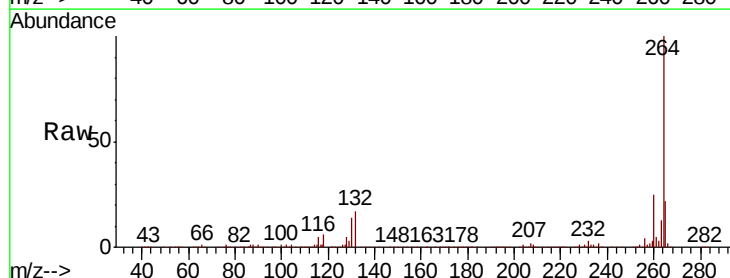
Tgt Ion:264 Resp: 795051

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 21.9 17.1 25.7



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

