

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118061.D
 Acq On : 3 Dec 2019 14:37
 Operator : JU
 Sample : PB125174BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125174BL

Quant Time: Dec 03 15:28:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143845	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	562049	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	292451	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	552157	20.00	ng	0.00
76) Chrysene-d12	14.07	240	373349	20.00	ng	0.00
87) Perylene-d12	15.56	264	342225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	676882	83.29	ng	0.00
7) Phenol-d6	6.50	99	532278	54.30	ng	-0.01
23) Nitrobenzene-d5	7.44	82	883045	93.40	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	442561	142.94	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1655305	101.54	ng	0.00
79) Terphenyl-d14	13.02	244	2028279	99.29	ng	0.00

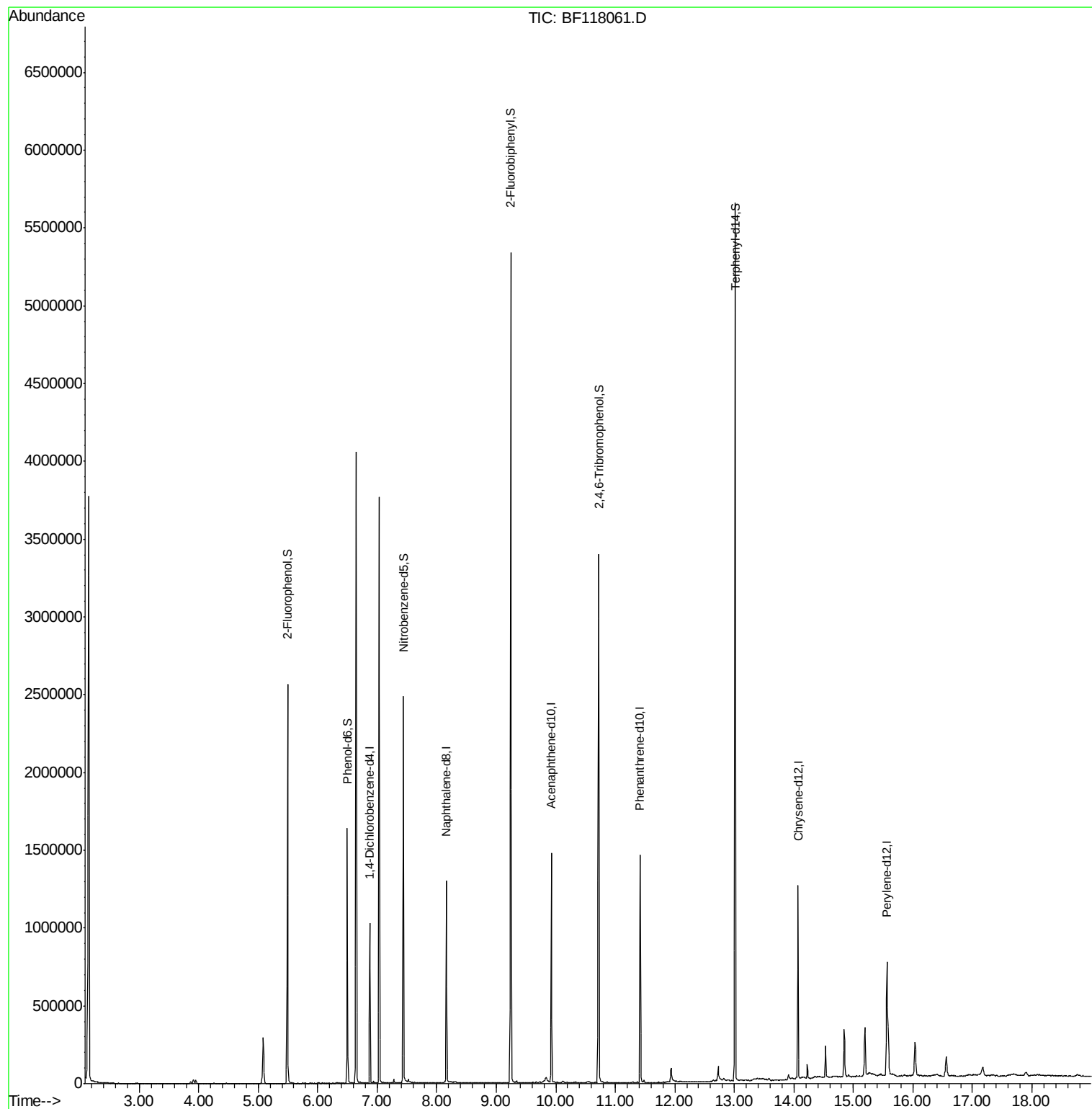
Target Compounds Qvalue

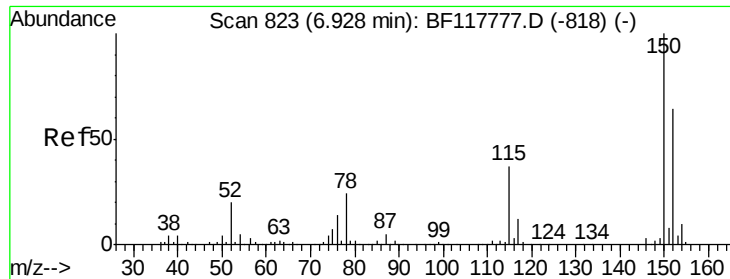
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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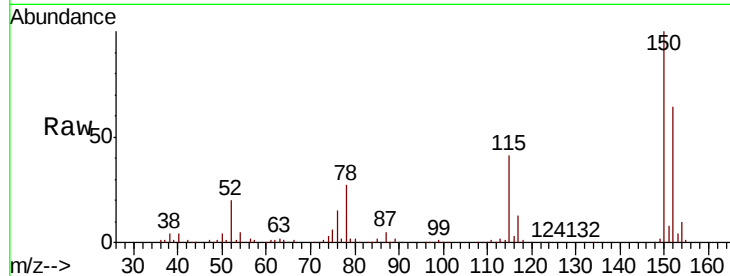


#1

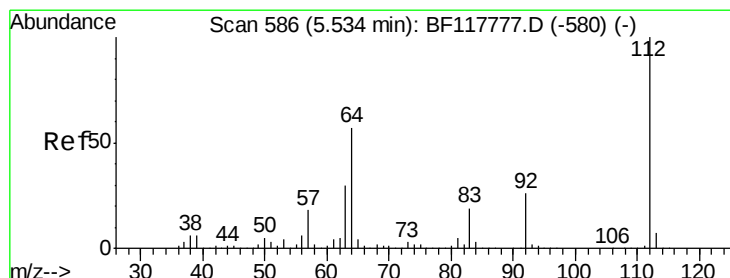
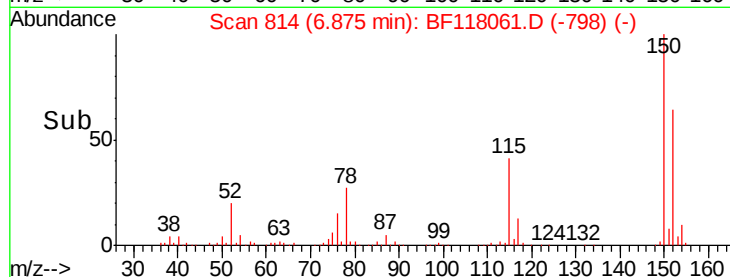
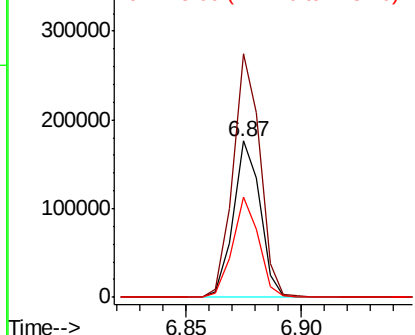
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

Instrument :
BNA_F
ClientSampleId :
PB125174BL

Tot Ion:152 Resp: 143845
Ion Ratio Lower Upper
152 100
150 155.8 121.4 182.2
115 63.9 48.8 73.2



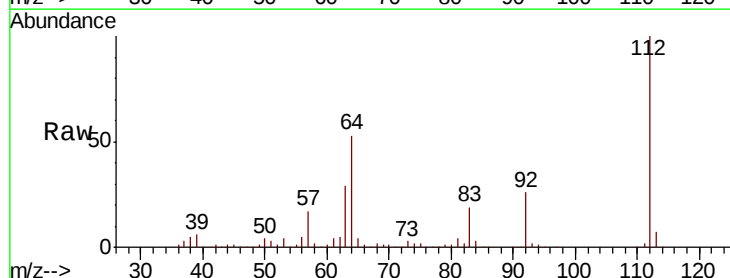
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



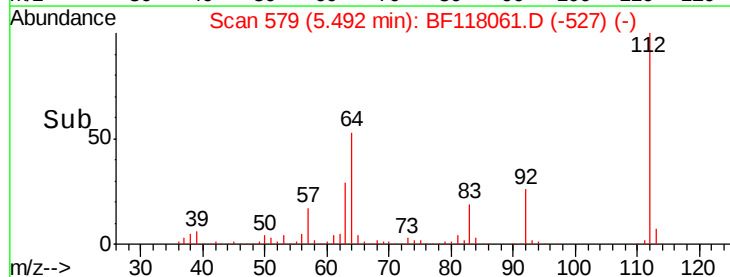
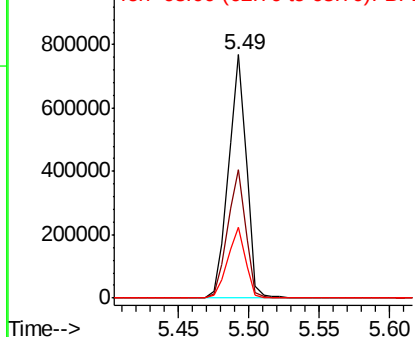
#5

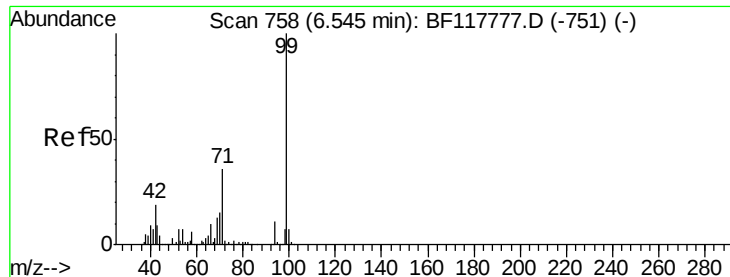
2-Fluorophenol
Concen: 83.295 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

Tgt Ion:112 Resp: 676882
Ion Ratio Lower Upper
112 100
64 52.9 45.1 67.7
63 29.1 24.6 37.0



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: 54.305 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Instrument :

BNA_F

ClientSampleId :

PB125174BL

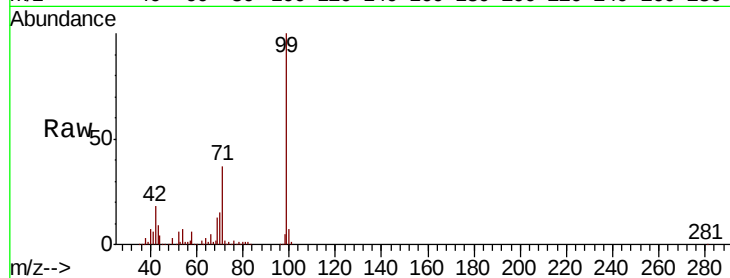
Tot Ion: 99 Resp: 532278

Ion Ratio Lower Upper

99 100

42 18.0 14.0 21.0

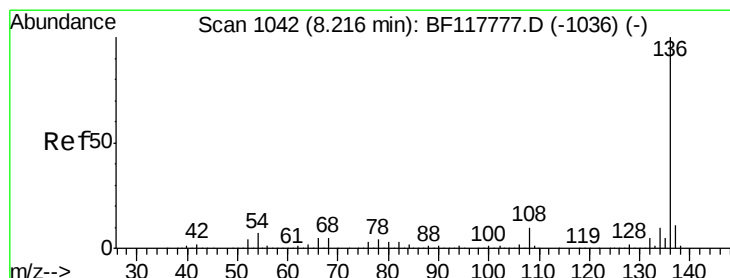
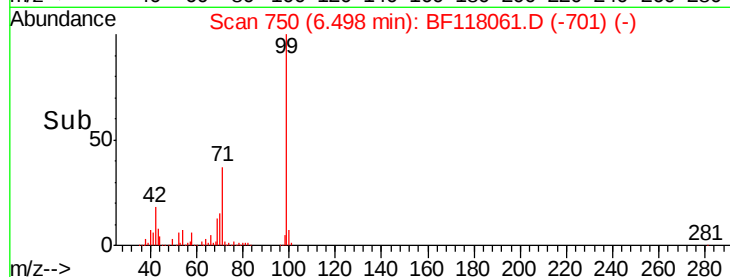
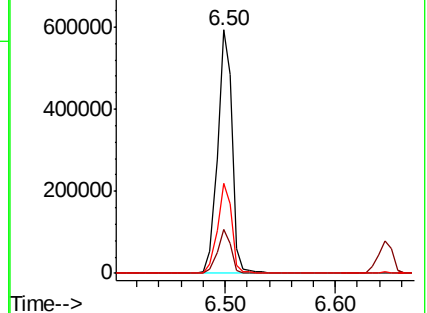
71 37.1 29.2 43.8



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Tgt Ion: 136 Resp: 562049

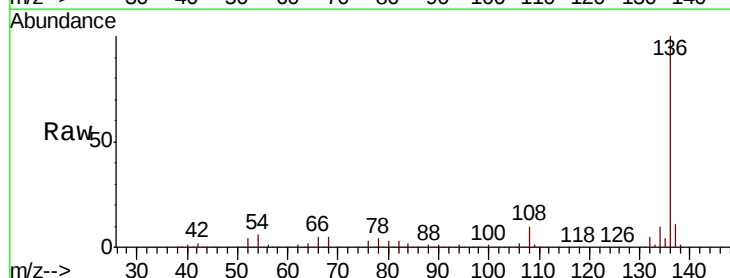
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.5 4.9 7.3

68 4.6 3.6 5.4

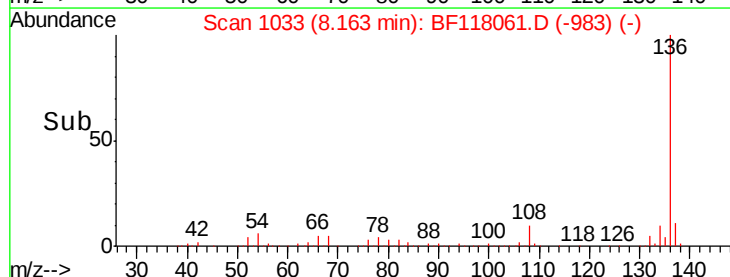
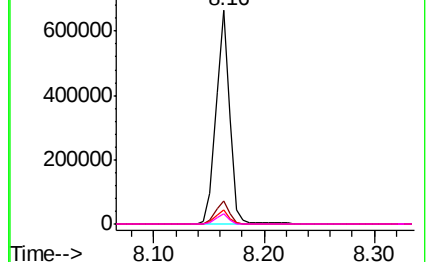


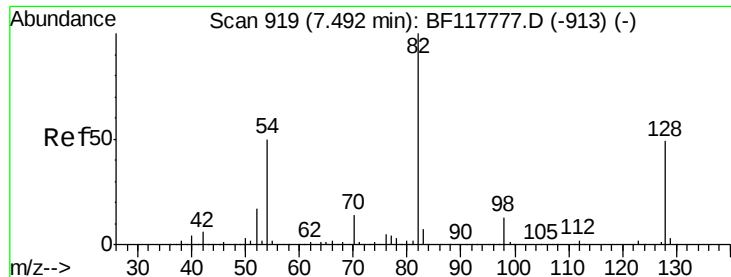
Abundance Ion 136.00 (135.70 to 136.70): E

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

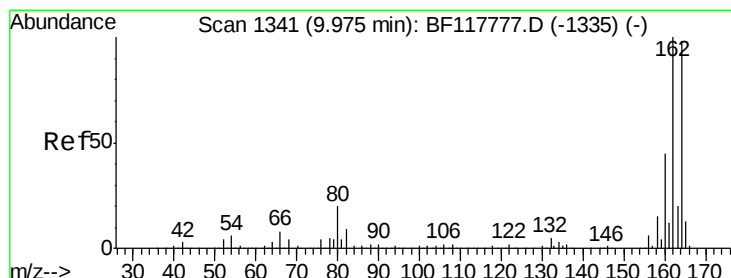
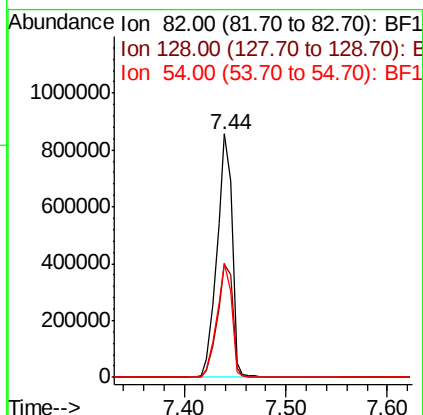
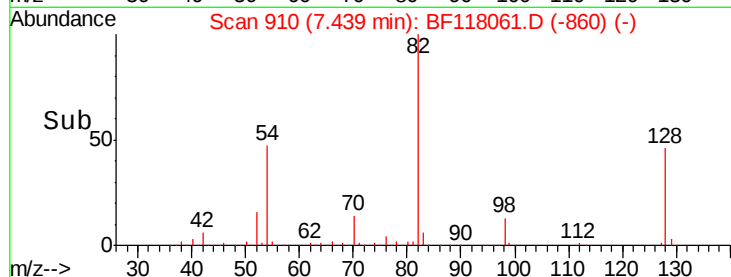
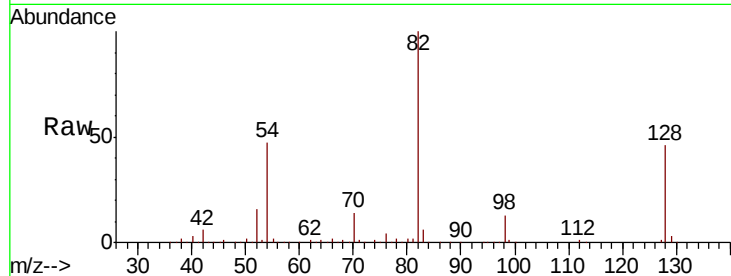




#23
Nitrobenzene-d5
Concen: 93.396 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

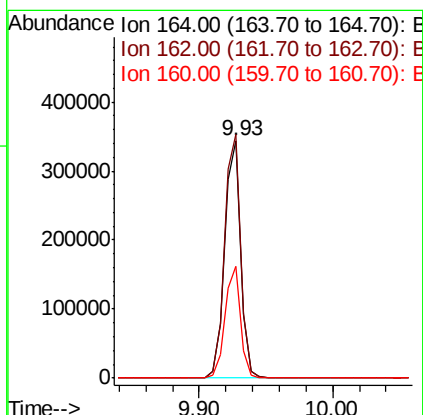
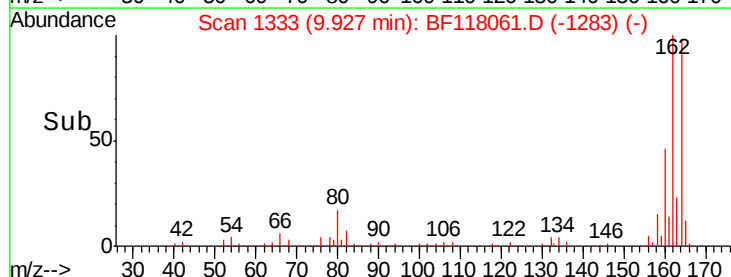
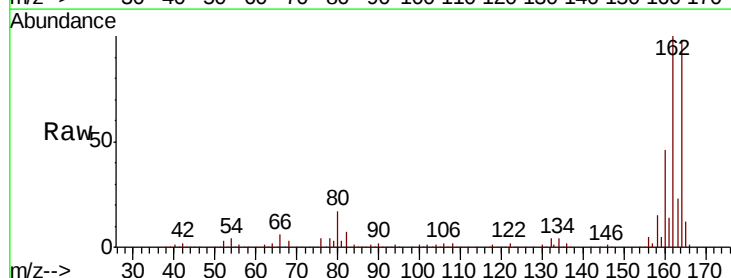
Instrument :
BNA_F
ClientSampled :
PB125174BL

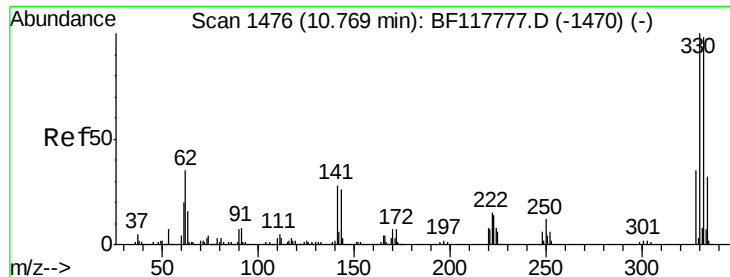
Tot Ion: 82 Resp: 883045
Ion Ratio Lower Upper
82 100
128 46.5 38.2 57.4
54 47.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

Tgt Ion: 164 Resp: 292451
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.8
160 46.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 142.939 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Instrument :

BNA_F

ClientSampleId :

PB125174BL

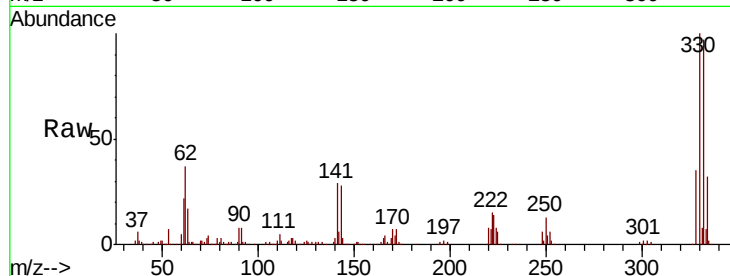
Tot Ion:330 Resp: 442561

Ion Ratio Lower Upper

330 100

332 95.9 78.3 117.5

141 32.7 26.4 39.6

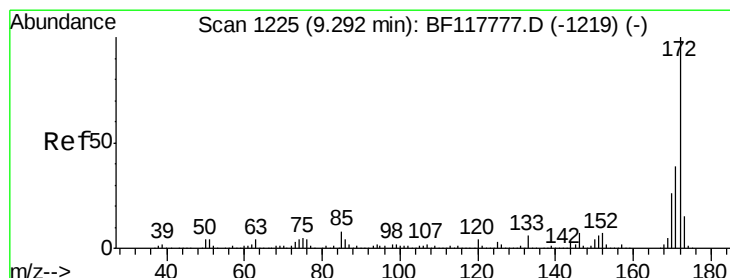
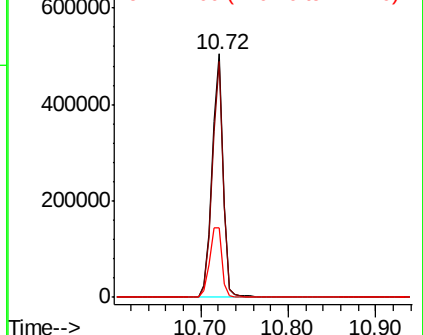
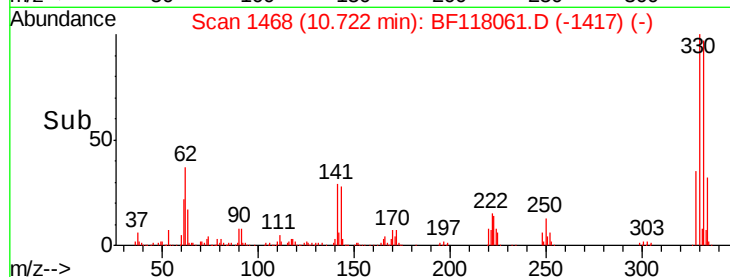


Abundance

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: 101.544 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

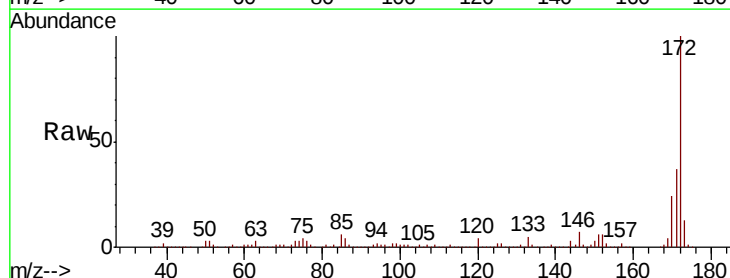
Tgt Ion:172 Resp: 1655305

Ion Ratio Lower Upper

172 100

171 36.5 29.2 43.8

170 24.2 19.3 28.9

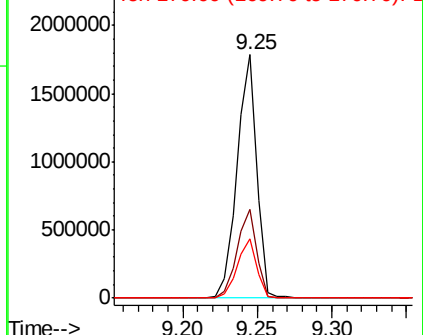
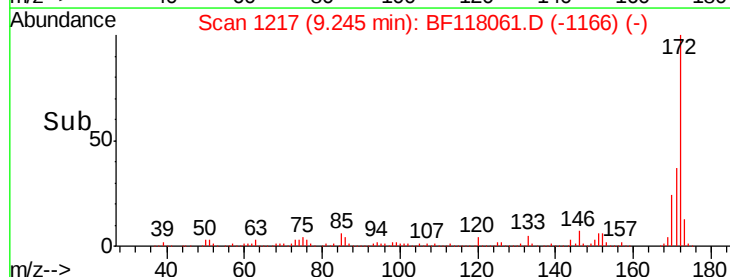


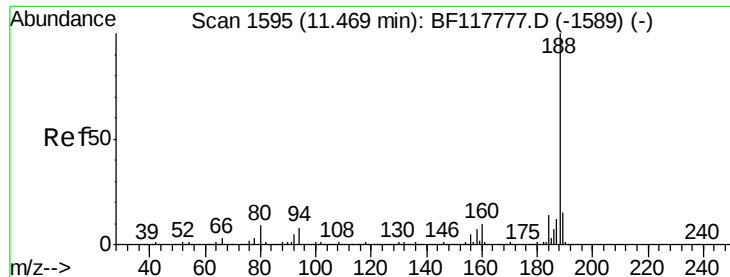
Abundance

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

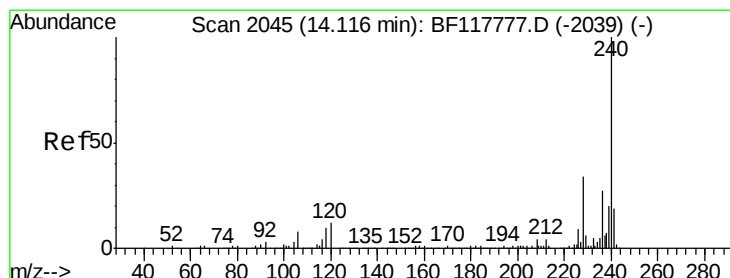
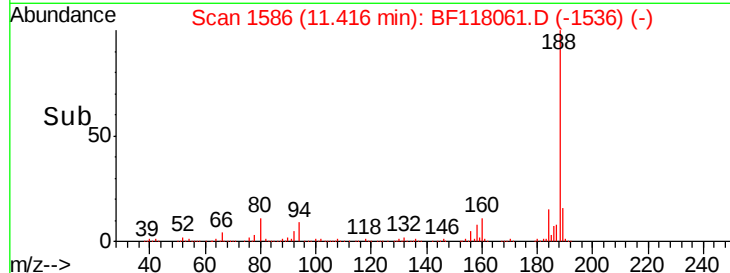
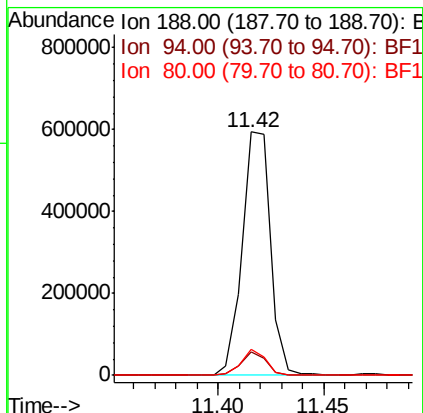
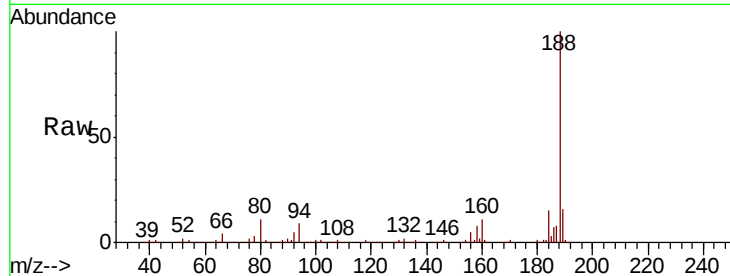




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

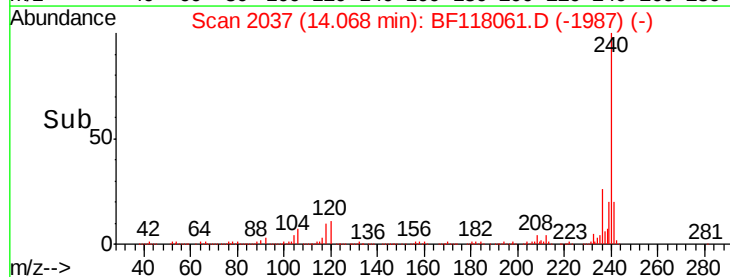
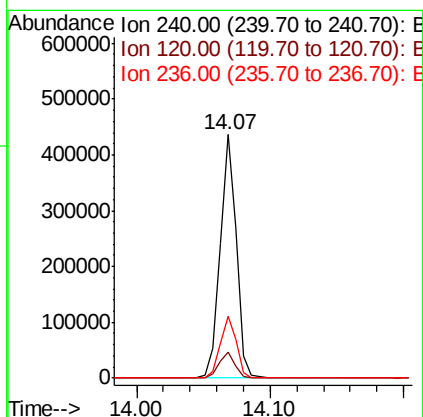
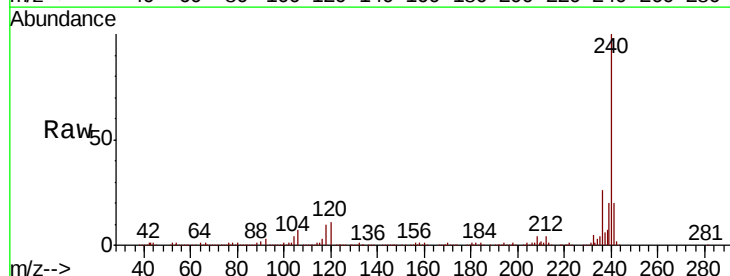
Instrument :
BNA_F
ClientSampleId :
PB125174BL

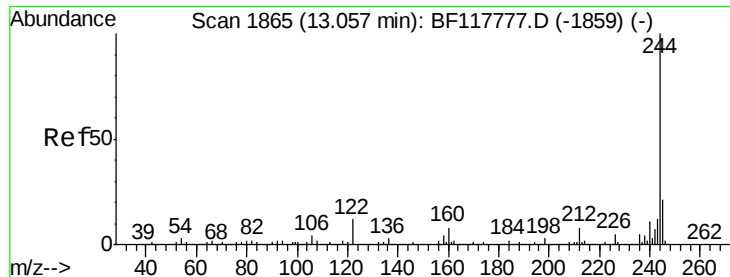
Tot Ion:188 Resp: 552157
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.8 7.2 10.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

Tgt Ion:240 Resp: 373349
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 99.288 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Instrument :

BNA_F

ClientSampleId :

PB125174BL

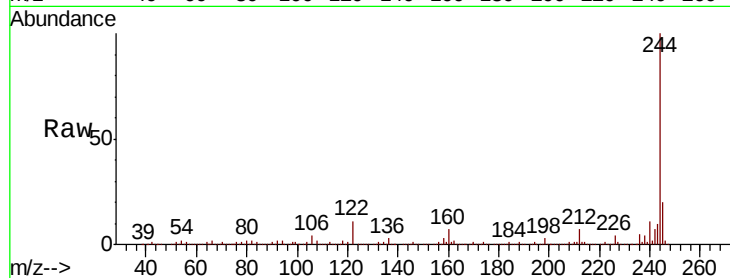
Tot Ion:244 Resp: 2028279

Ion Ratio Lower Upper

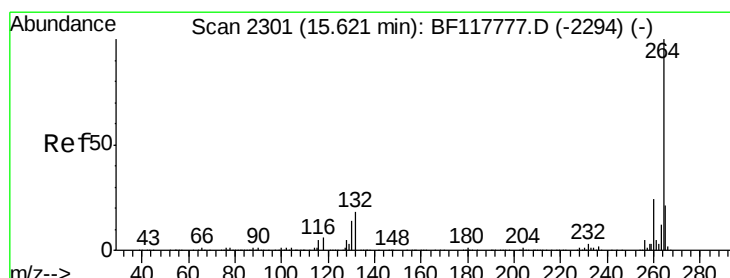
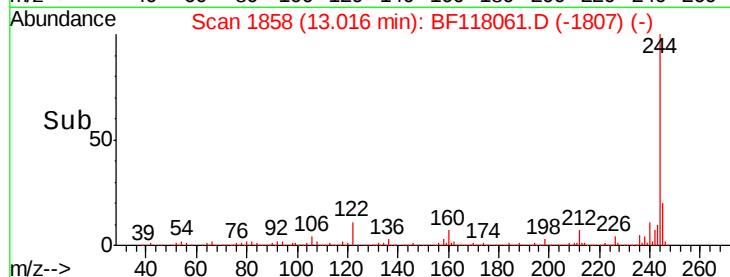
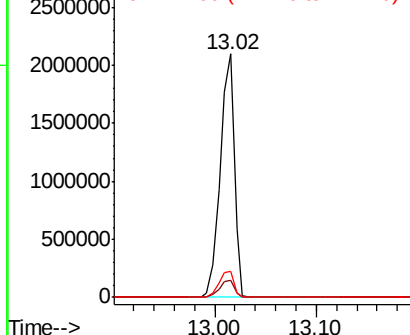
244 100

212 7.2 5.2 7.8

122 10.5 7.2 10.8



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

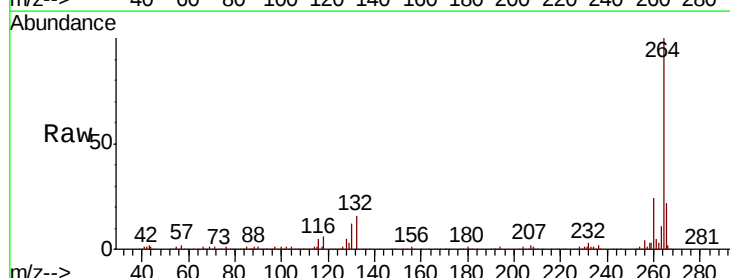
Tgt Ion:264 Resp: 342225

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.8 16.4 24.6



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

