

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117850.D
 Acq On : 18 Nov 2019 22:08
 Operator : JU
 Sample : K5833-07 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-(10-12)

Quant Time: Nov 19 00:45:56 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	214385	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	770327	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	365800	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	599739	20.00	ng	0.00
76) Chrysene-d12	14.12	240	491988	20.00	ng	0.00
87) Perylene-d12	15.63	264	421431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	236712	19.54	ng	0.00
7) Phenol-d6	6.53	99	310685	21.27	ng	-0.01
23) Nitrobenzene-d5	7.48	82	128954	9.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	66342	17.13	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	387852	19.02	ng	0.00
79) Terphenyl-d14	13.05	244	377669	14.03	ng	0.00

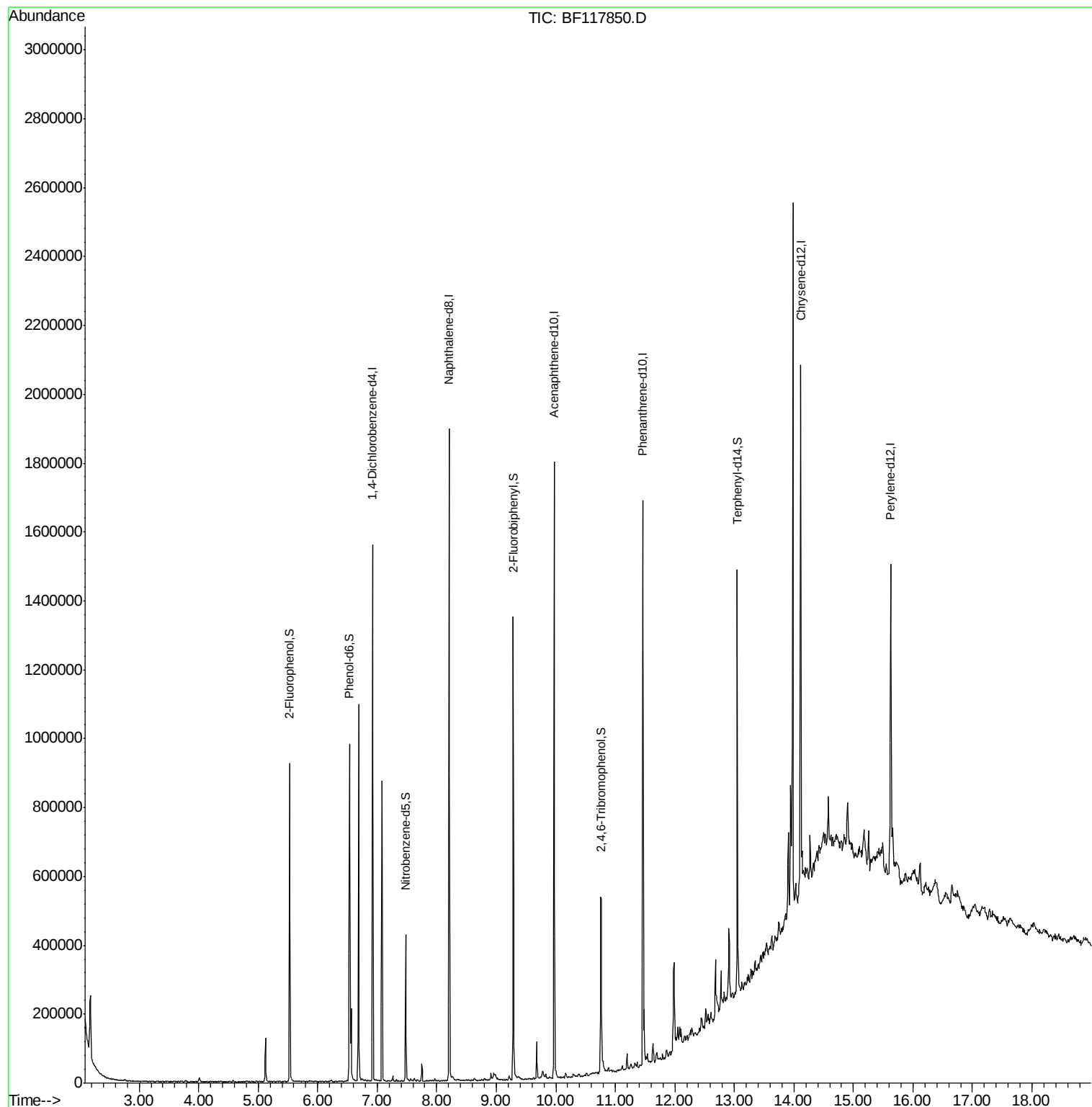
Target Compounds Qvalue

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

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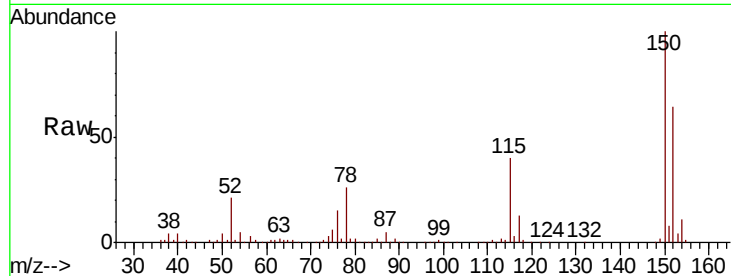


#1

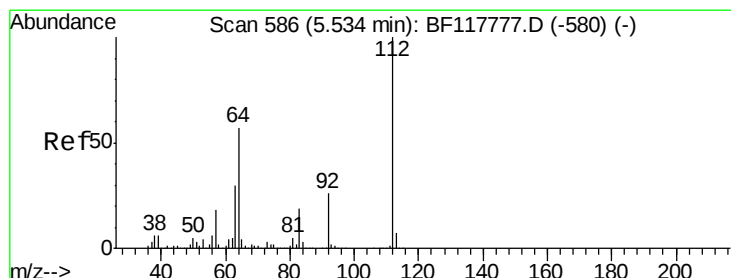
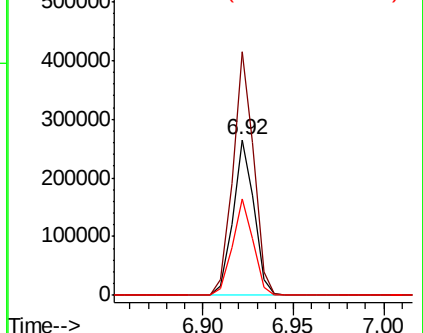
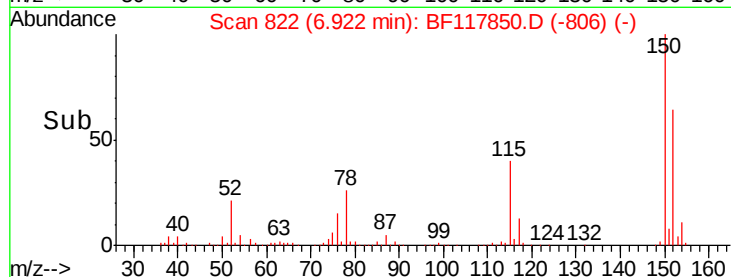
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Instrument :
BNA_F
ClientSampled :
7-(10-12)

Tot Ion:152 Resp: 214385
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 62.0 47.0 70.4



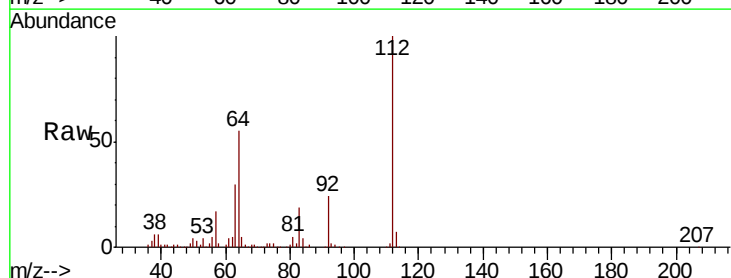
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



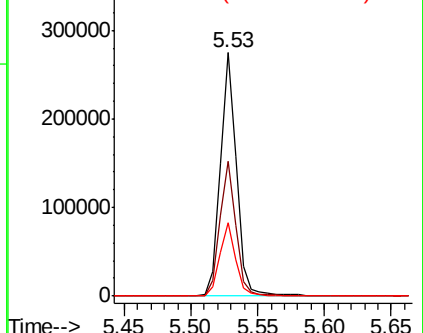
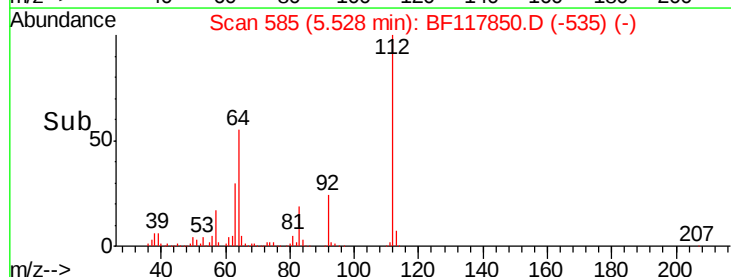
#5

2-Fluorophenol
Concen: 19.545 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Tgt Ion:112 Resp: 236712
Ion Ratio Lower Upper
112 100
64 55.4 45.6 68.4
63 30.0 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: 21.268 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Instrument :

BNA_F

ClientSampleId :

7-(10-12)

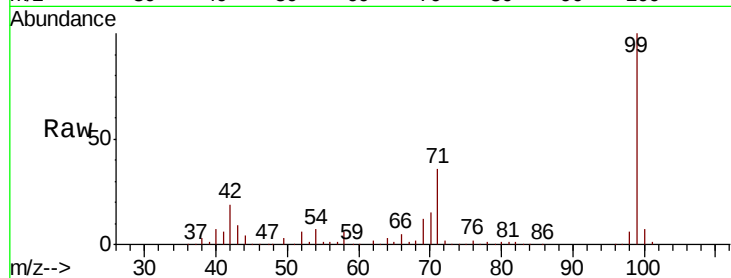
Tot Ion: 99 Resp: 310685

Ion Ratio Lower Upper

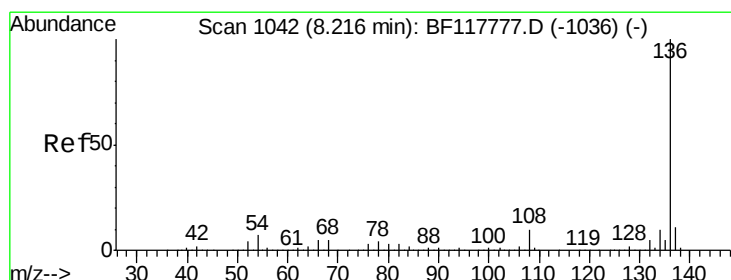
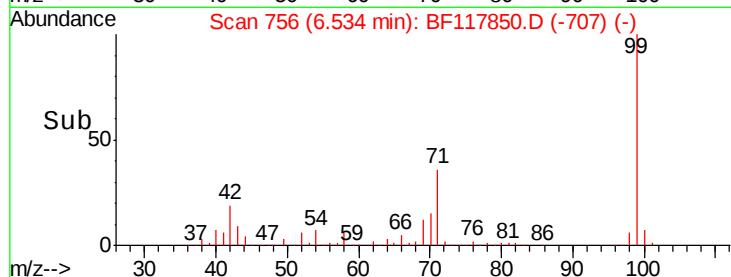
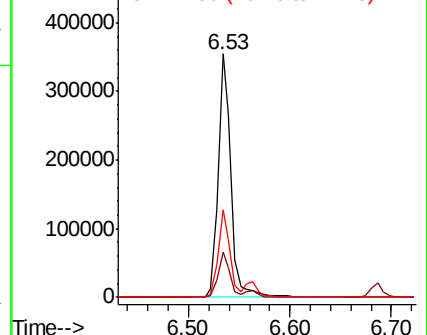
99 100

42 18.6 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: BF117850.D

Acq: 18 Nov 2019 22:08

Tgt Ion: 136 Resp: 770327

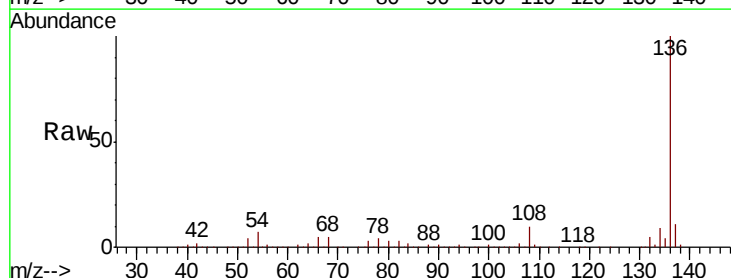
Ion Ratio Lower Upper

136 100

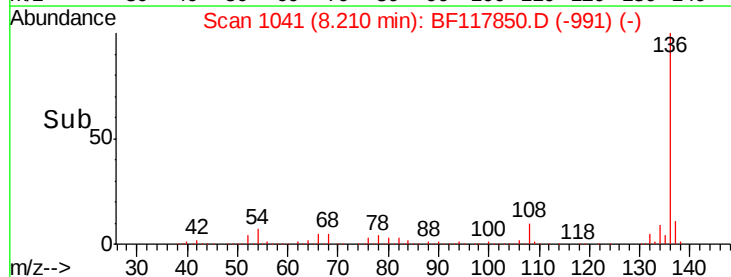
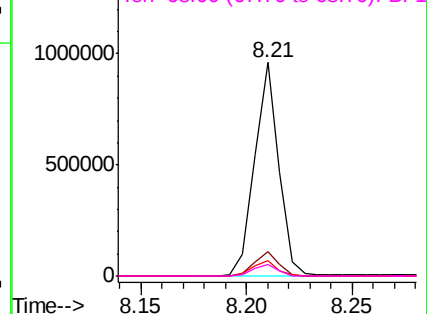
137 11.2 9.0 13.4

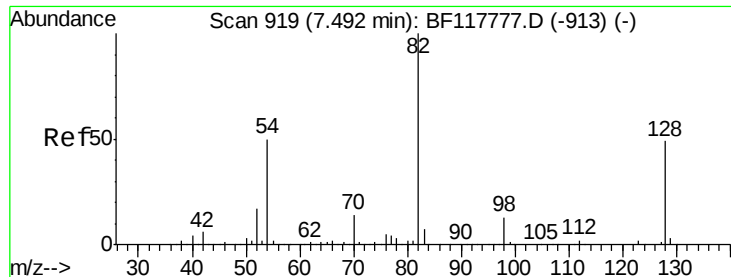
54 7.0 5.4 8.2

68 5.1 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: 9.951 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Instrument :

BNA_F

ClientSampleId :

7-(10-12)

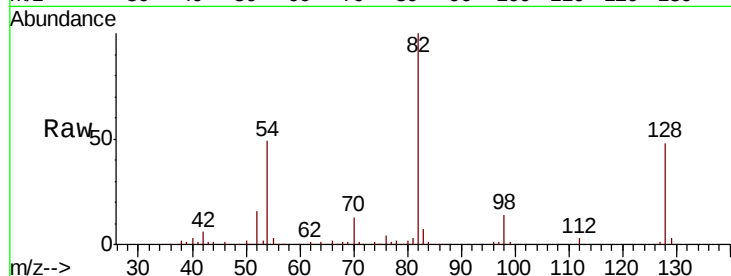
Tot Ion: 82 Resp: 128954

Ion Ratio Lower Upper

82 100

128 48.3 38.9 58.3

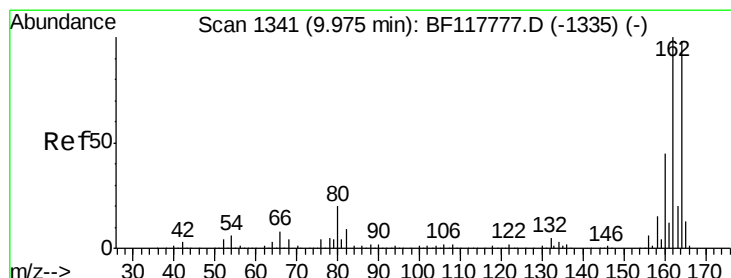
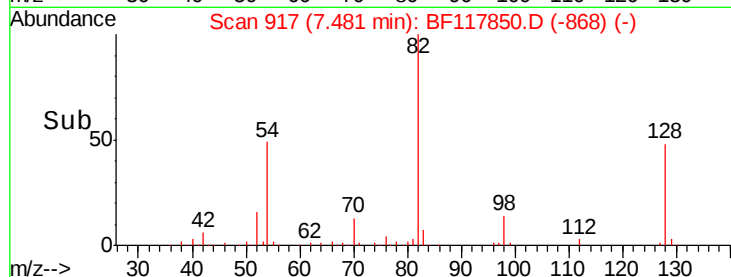
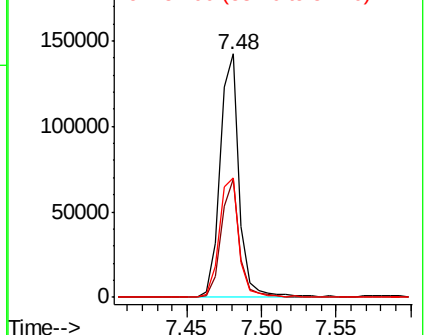
54 49.1 39.8 59.6



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: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

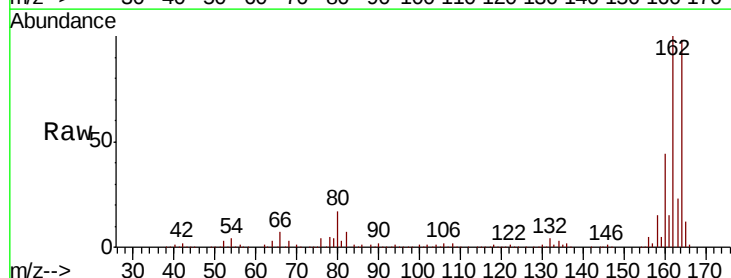
Tgt Ion:164 Resp: 365800

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

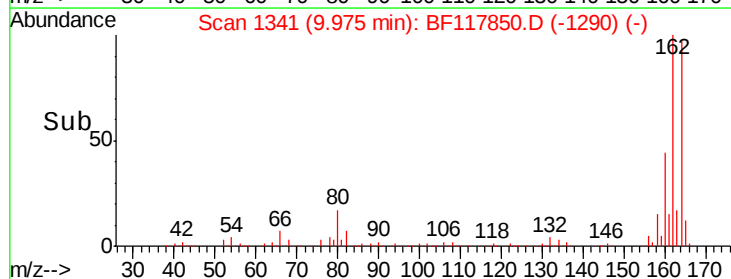
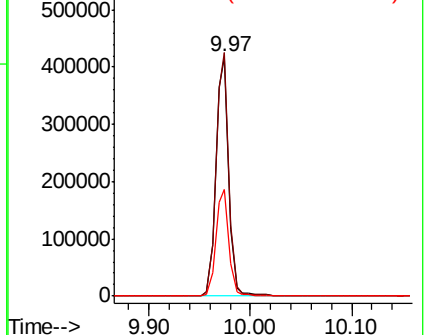
160 44.8 36.6 55.0

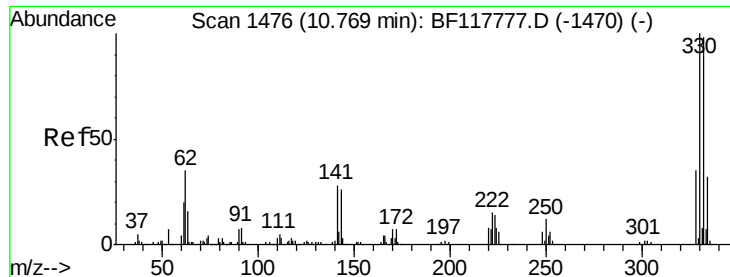


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 17.131 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Instrument :

BNA_F

ClientSampleId :

7-(10-12)

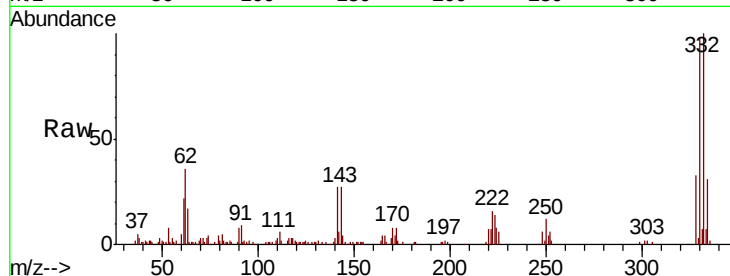
Tot Ion:330 Resp: 66342

Ion Ratio Lower Upper

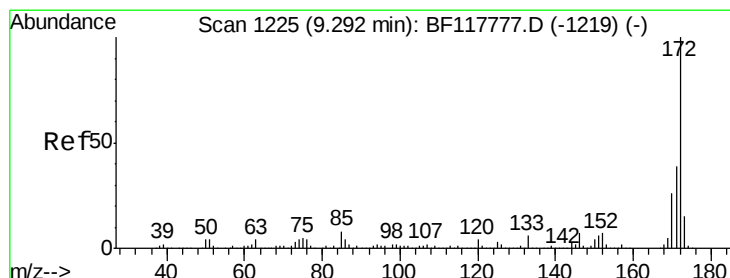
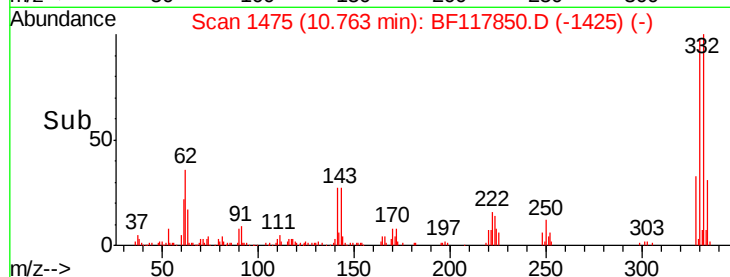
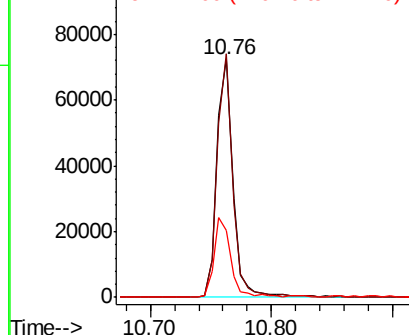
330 100

332 98.0 76.7 115.1

141 34.9 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: 19.022 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

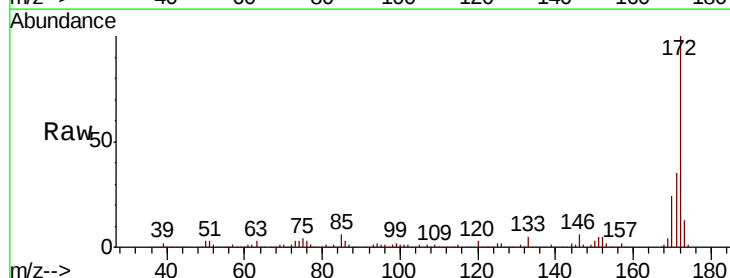
Tgt Ion:172 Resp: 387852

Ion Ratio Lower Upper

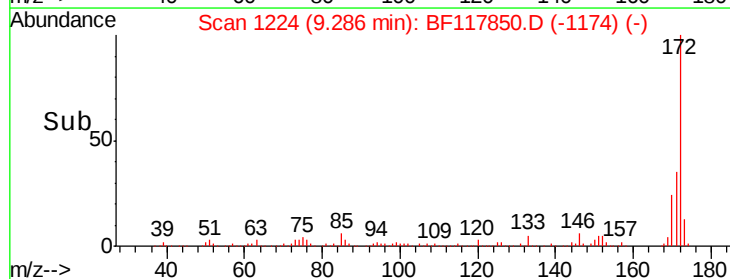
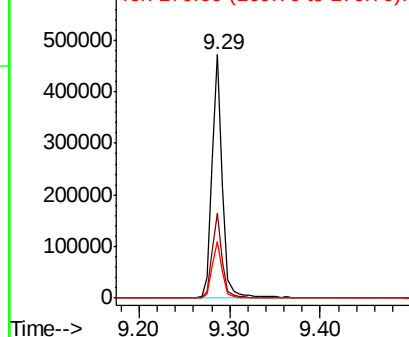
172 100

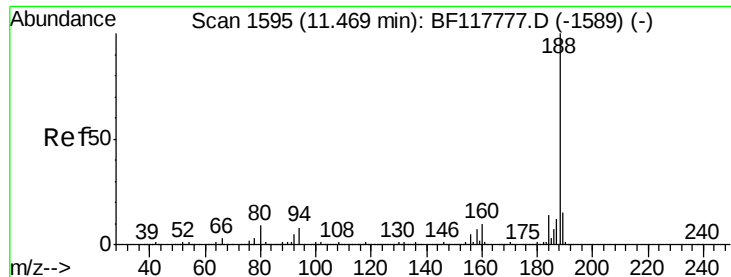
171 35.1 30.9 46.3

170 23.6 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

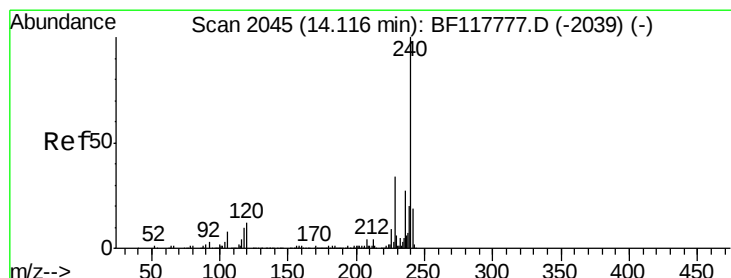
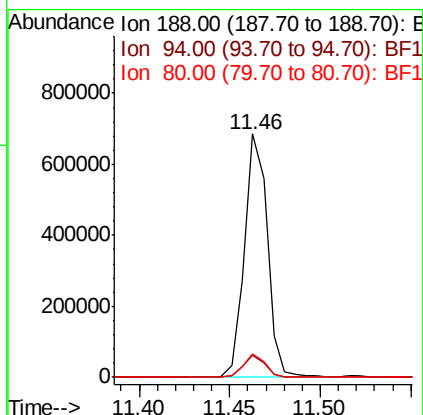
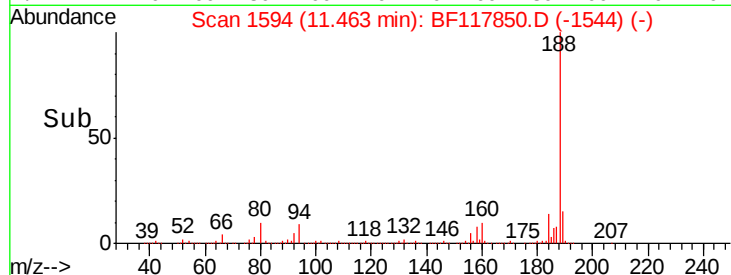
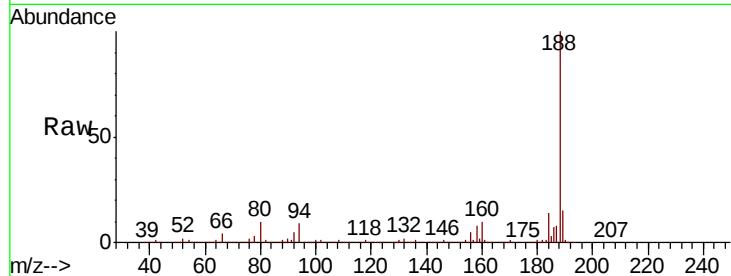




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

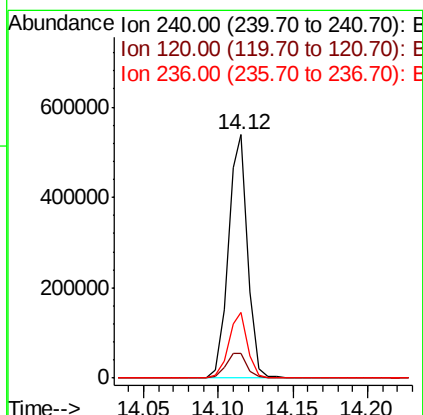
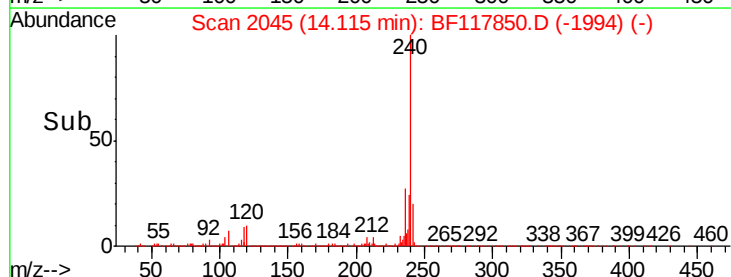
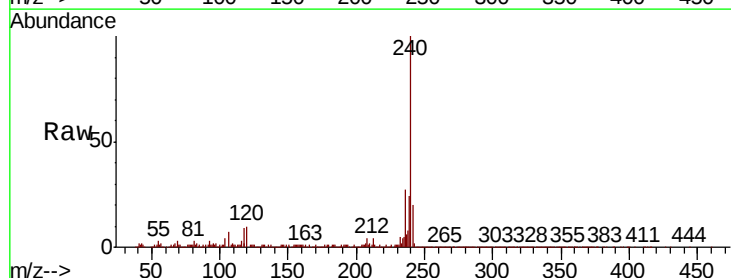
Instrument :
BNA_F
ClientSampleId :
7-(10-12)

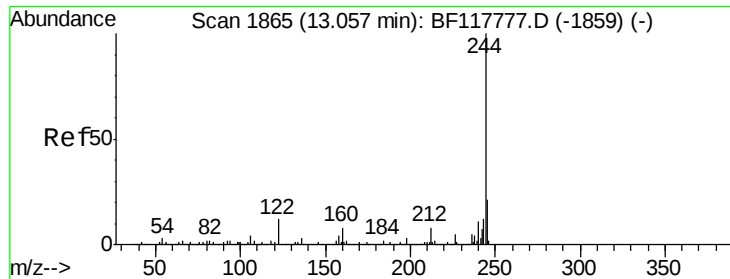
Tot Ion:188 Resp: 599739
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 9.8 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Tgt Ion:240 Resp: 491988
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 27.1 21.3 31.9





#79

Terphenyl-d14

Concen: 14.029 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Instrument :

BNA_F

ClientSampleId :

7-(10-12)

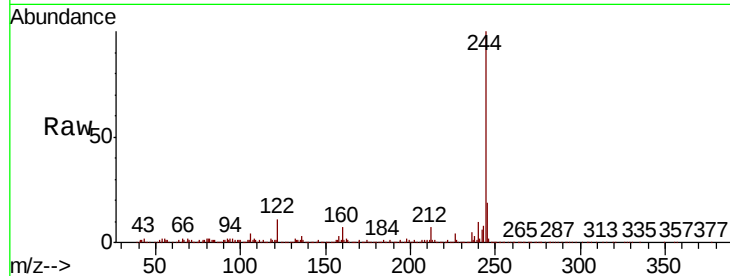
Tot Ion:244 Resp: 377669

Ion Ratio Lower Upper

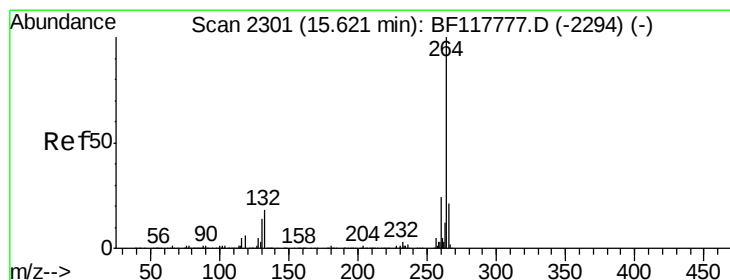
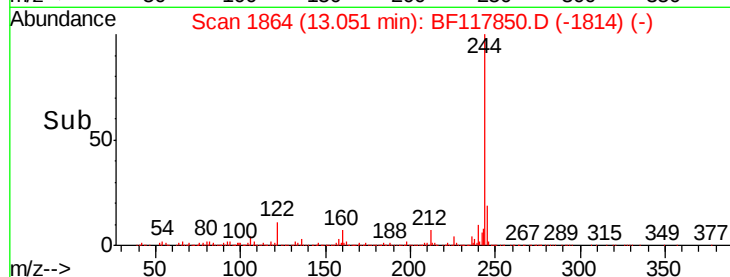
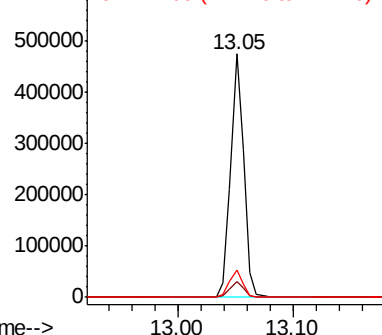
244 100

212 6.7 6.3 9.5

122 11.0 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: 15.63 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

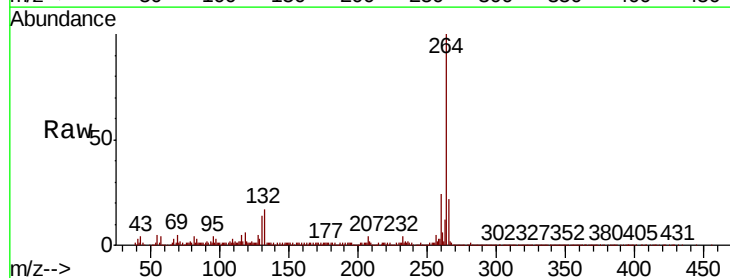
Tgt Ion:264 Resp: 421431

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.6 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

