

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118127.D
 Acq On : 7 Dec 2019 14:21
 Operator : JU
 Sample : K6177-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Quant Time: Dec 09 06:45:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

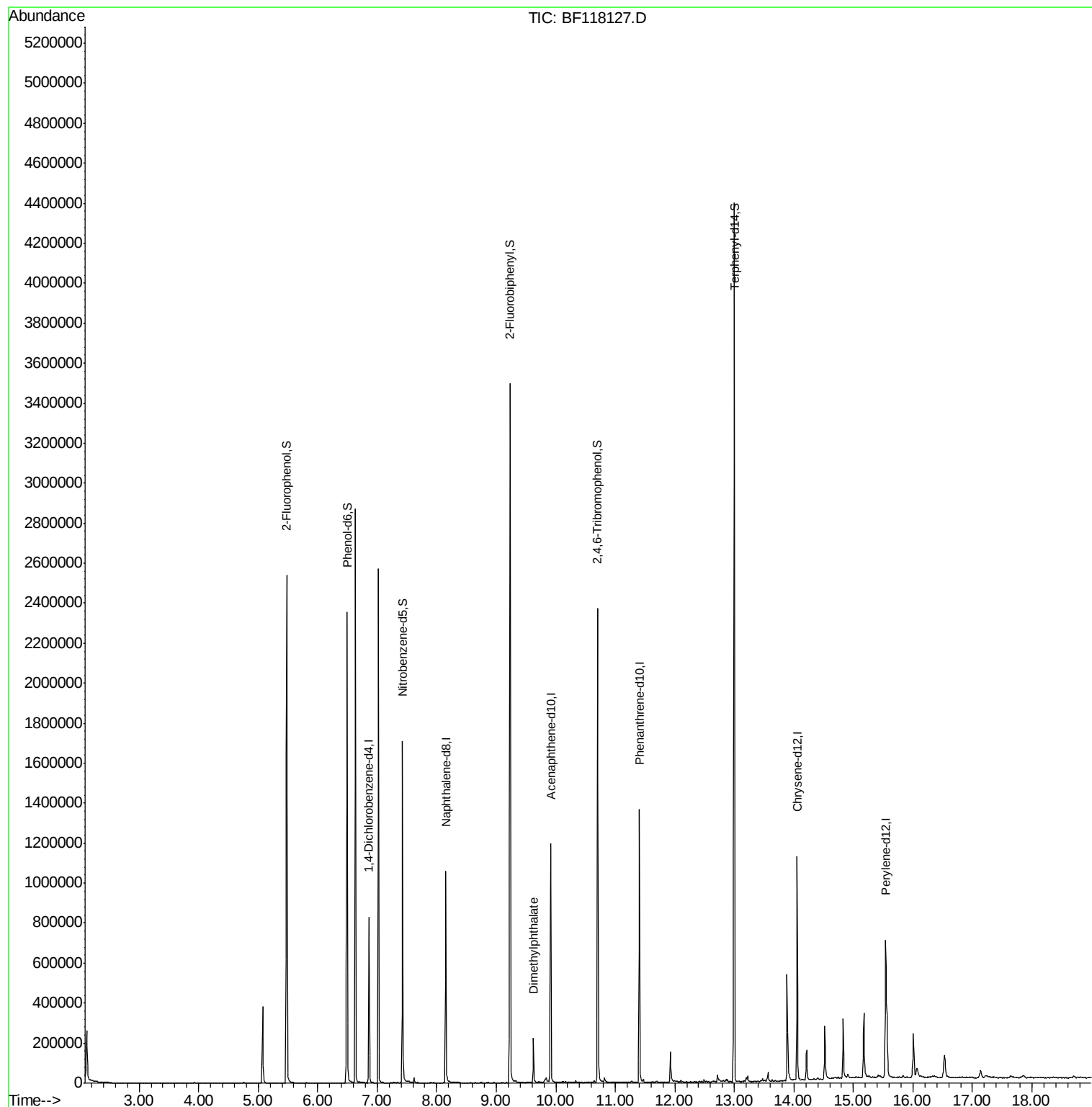
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121484	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	477975	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	255963	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	500255	20.00	ng	0.00
76) Chrysene-d12	14.06	240	361873	20.00	ng	-0.01
87) Perylene-d12	15.54	264	324026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	711672	102.60	ng	0.00
7) Phenol-d6	6.49	99	902538	107.58	ng	0.00
23) Nitrobenzene-d5	7.43	82	531509	62.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	296603	95.39	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1111454	66.07	ng	0.00
79) Terphenyl-d14	13.00	244	1425557	67.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	101069	5.346	ng	Qvalue 99

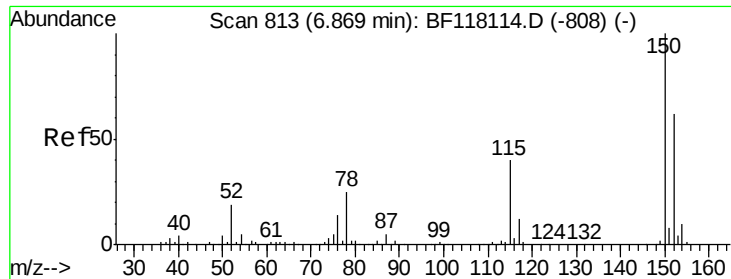
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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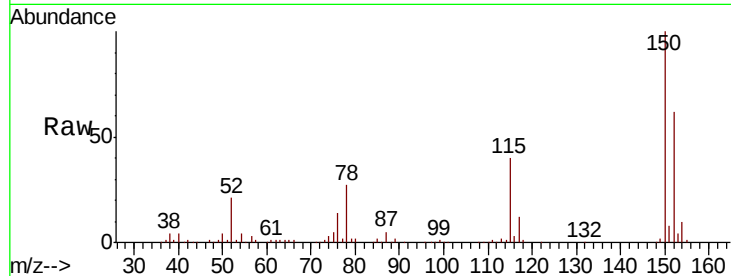


#1

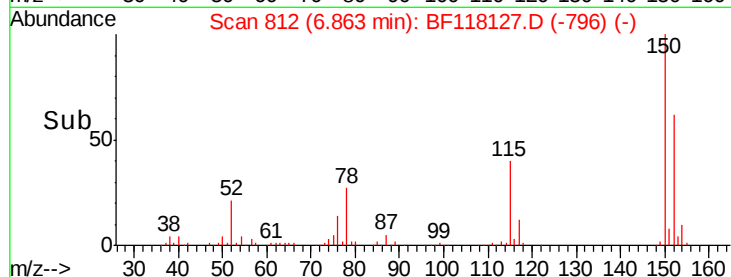
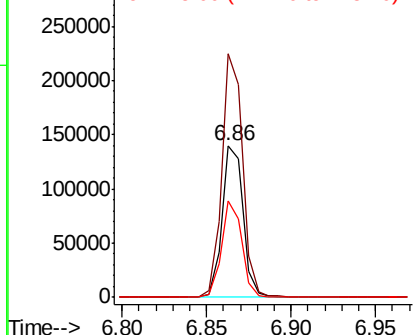
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118127.D
Acq: 7 Dec 2019 14:21

Instrument :
BNA_F
ClientSampleId :
EP-1

Tot Ion:152 Resp: 121484
Ion Ratio Lower Upper
152 100
150 160.1 128.3 192.5
115 63.6 51.1 76.7



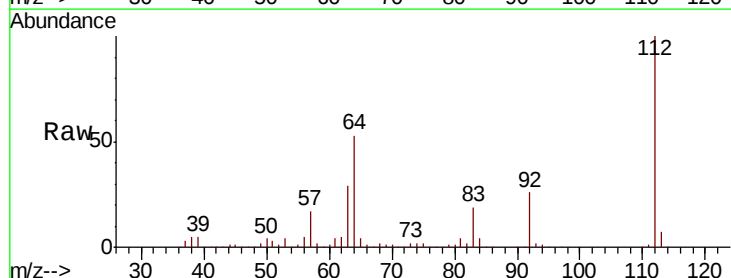
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



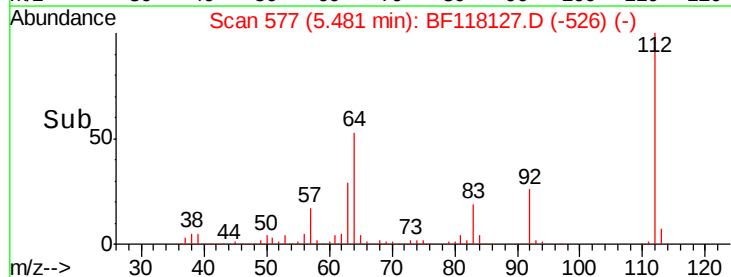
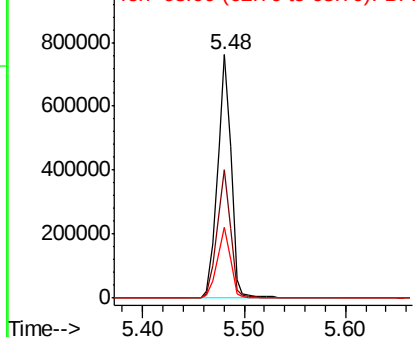
#5

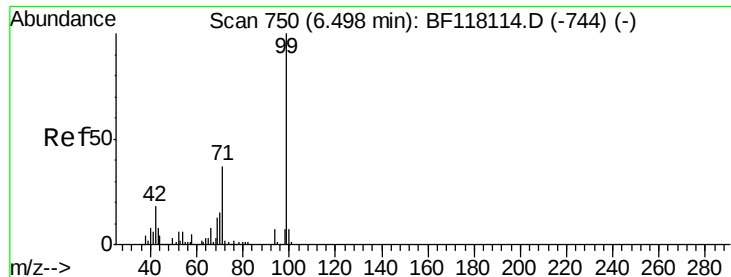
2-Fluorophenol
Concen: 102.603 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118127.D
Acq: 7 Dec 2019 14:21

Tgt Ion:112 Resp: 711672
Ion Ratio Lower Upper
112 100
64 52.9 41.3 61.9
63 29.2 22.4 33.6



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: 107.580 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118127.D

Acq: 7 Dec 2019 14:21

Instrument :

BNA_F

ClientSampleId :

EP-1

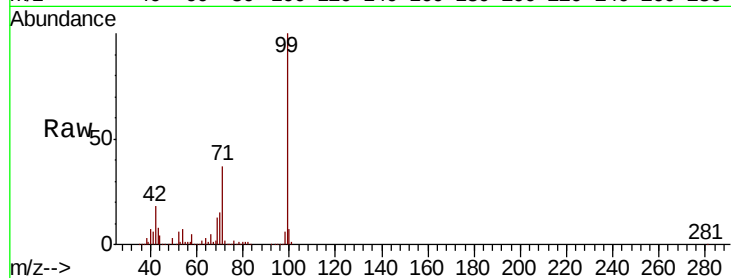
Tot Ion: 99 Resp: 902538

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

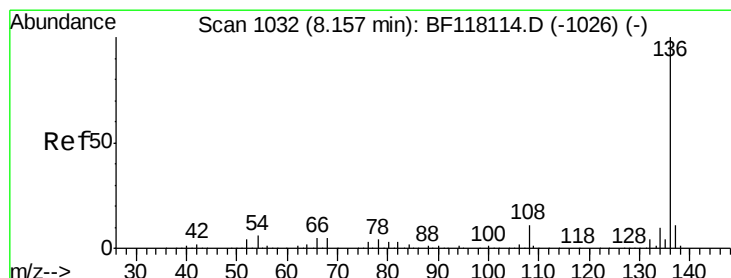
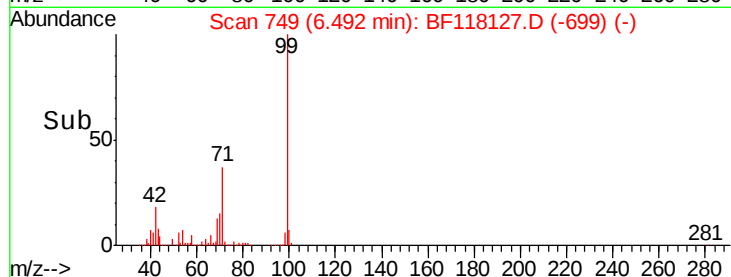
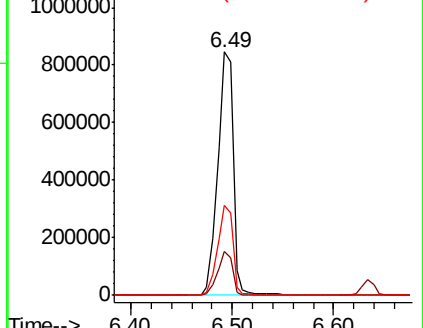
71 37.2 29.7 44.5



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118127.D

Acq: 7 Dec 2019 14:21

Tgt Ion: 136 Resp: 477975

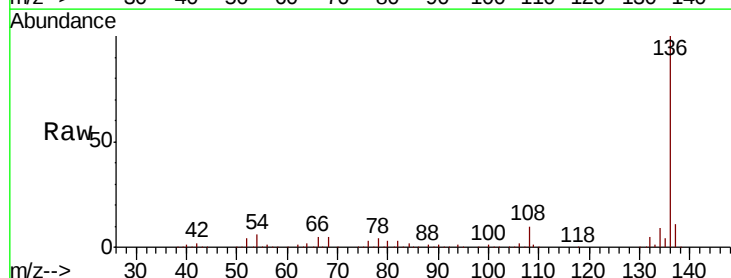
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.2 5.0 7.6

68 4.8 3.8 5.8

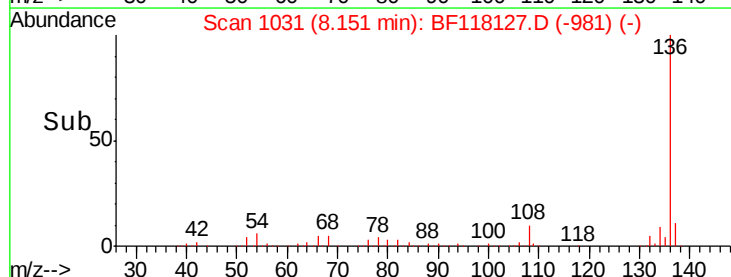
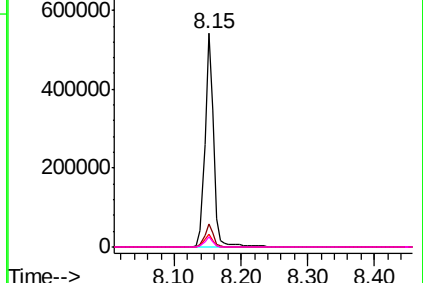


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.559 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118127.D

Acq: 7 Dec 2019 14:21

Instrument :

BNA_F

ClientSampled :

EP-1

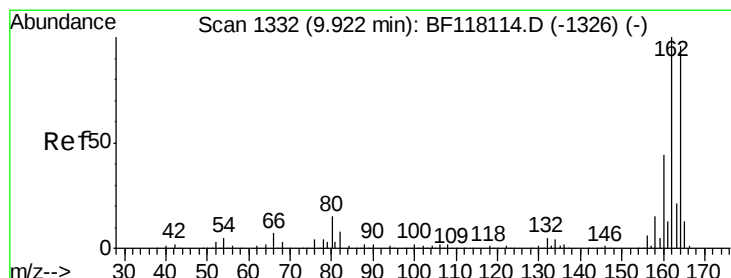
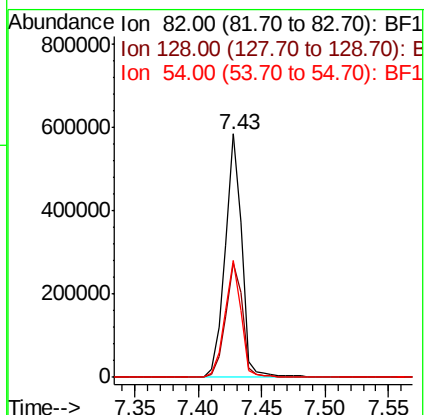
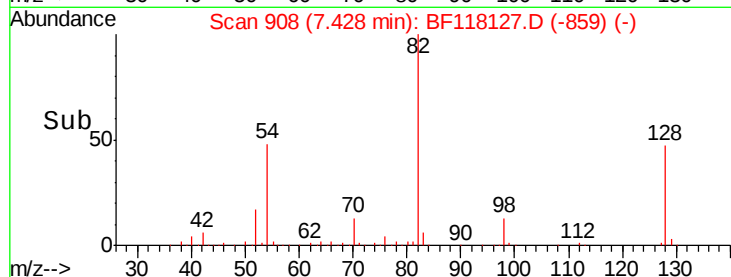
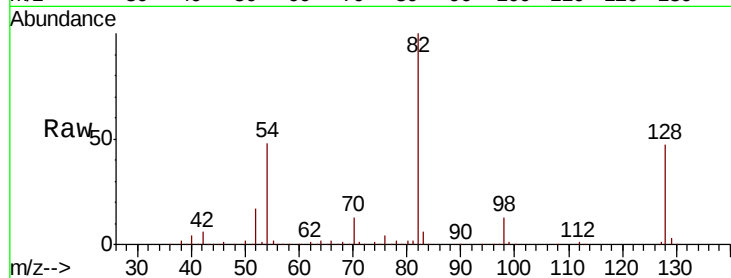
Tot Ion: 82 Resp: 531509

Ion Ratio Lower Upper

82 100

128 46.8 39.1 58.7

54 48.0 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118127.D

Acq: 7 Dec 2019 14:21

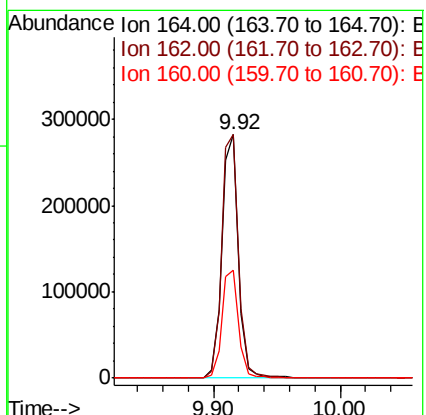
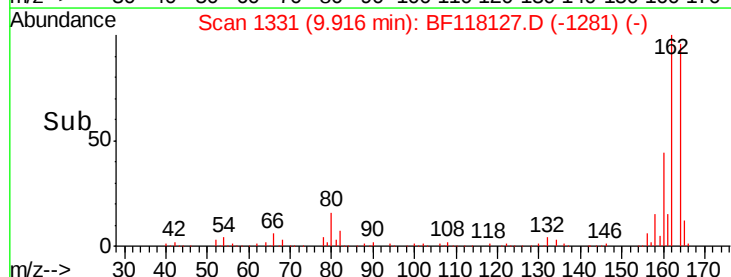
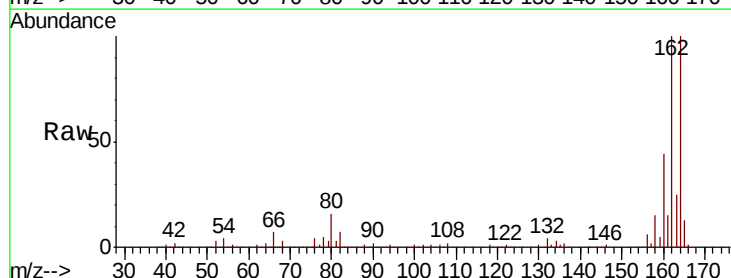
Tgt Ion: 164 Resp: 255963

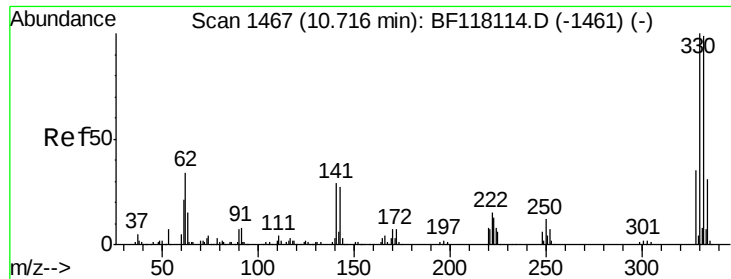
Ion Ratio Lower Upper

164 100

162 100.2 83.4 125.0

160 44.2 36.6 54.8

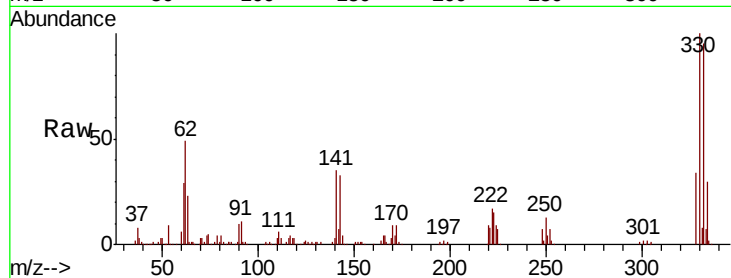




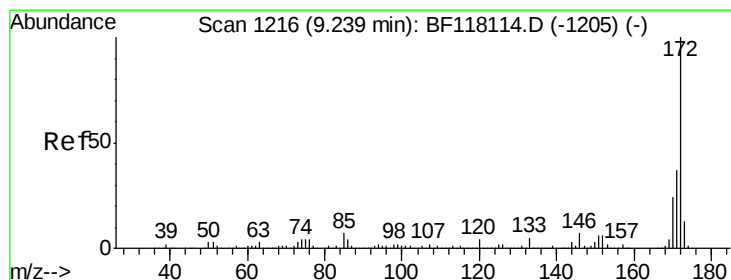
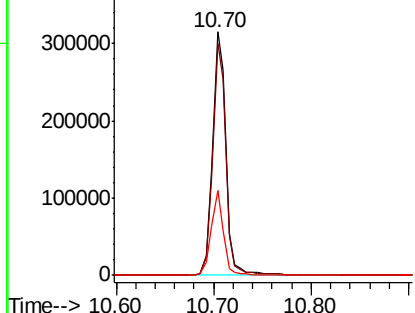
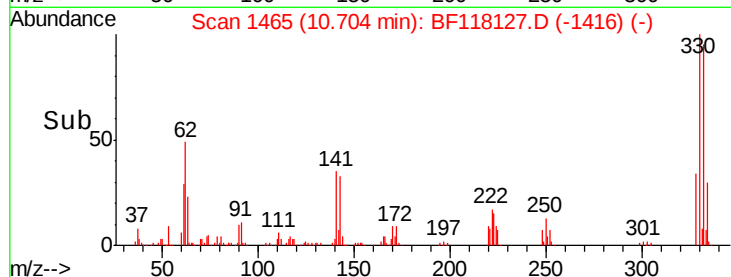
#42
 2,4,6-Tribromophenol
 Concen: 95.387 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118127.D
 Acq: 7 Dec 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Tot Ion:330 Resp: 296603
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.1 117.1
 141 32.6 26.9 40.3

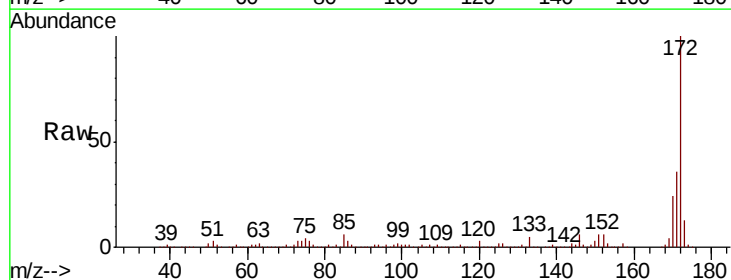


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

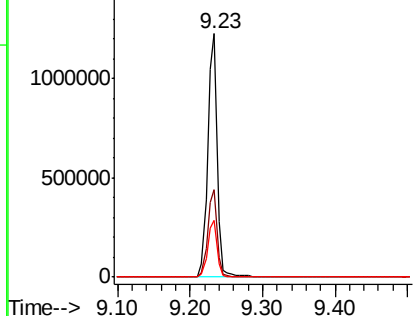
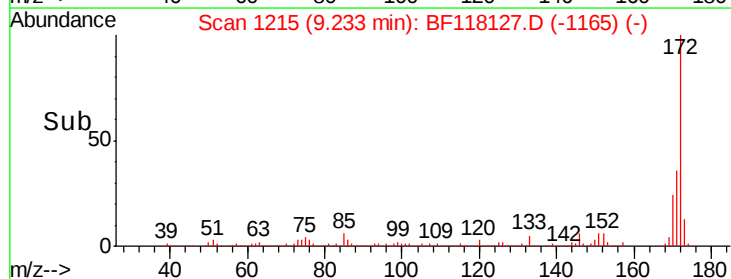


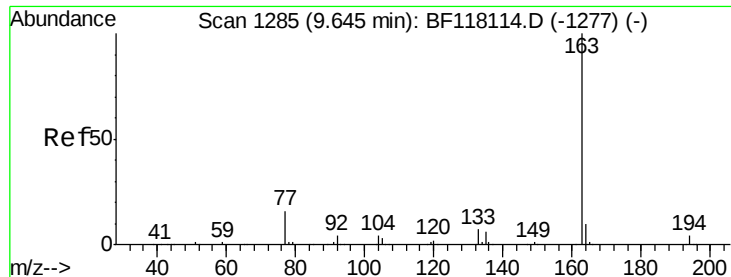
#45
 2-Fluorobiphenyl
 Concen: 66.074 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118127.D
 Acq: 7 Dec 2019 14:21

Tgt Ion:172 Resp: 1111454
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.5 19.4 29.2



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





#50

Dimethylphthalate

Concen: 5.346 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118127.D

Acq: 7 Dec 2019 14:21

Instrument :

BNA_F

ClientSampled :

EP-1

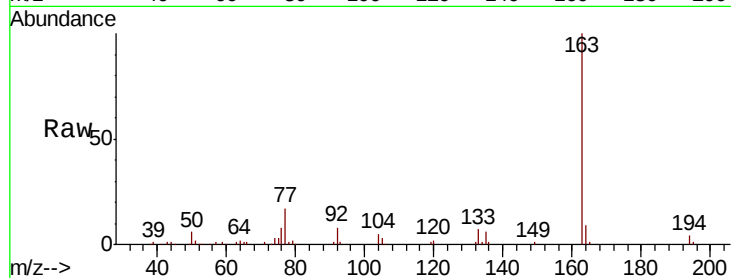
Tot Ion:163 Resp: 101069

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

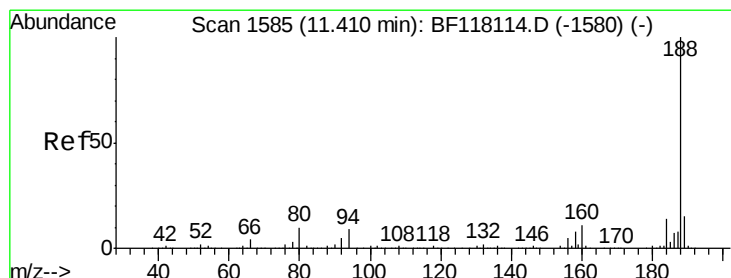
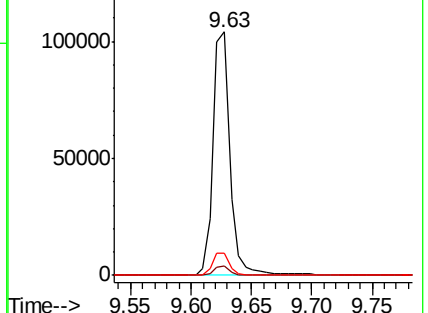
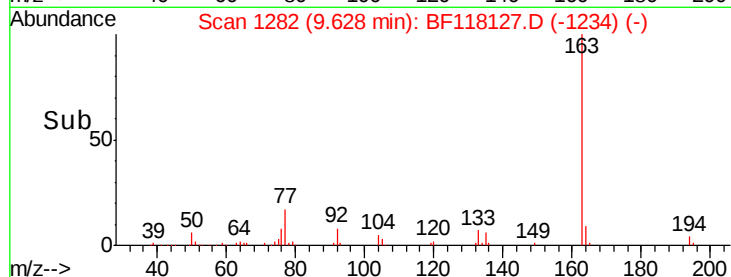
164 9.0 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118127.D

Acq: 7 Dec 2019 14:21

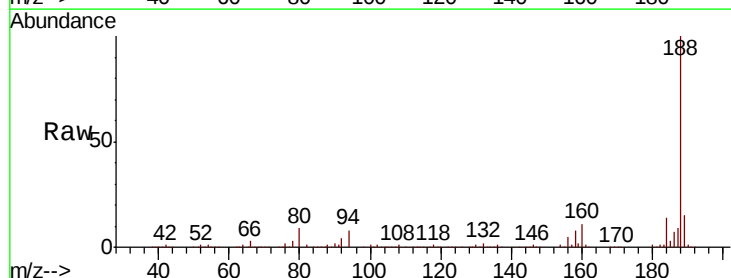
Tgt Ion:188 Resp: 500255

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

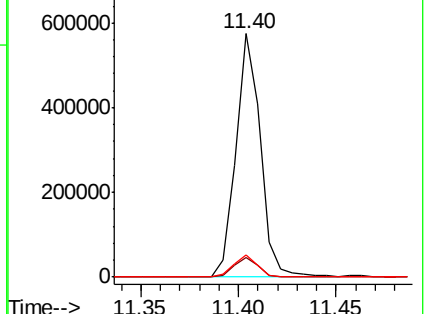
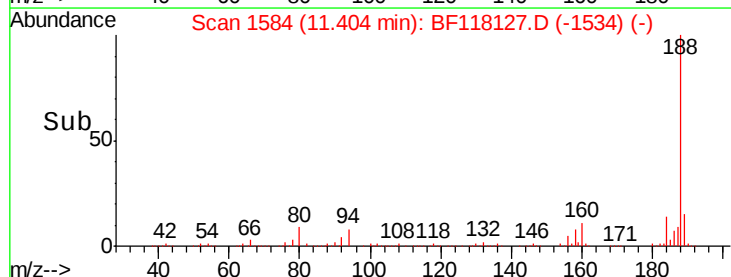
80 9.0 7.9 11.9

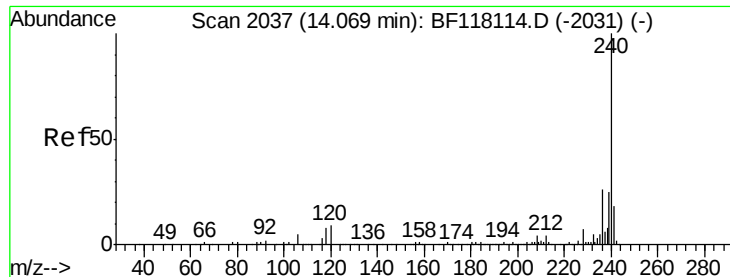


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118127.D

Acq: 7 Dec 2019 14:21

Instrument :

BNA_F

ClientSampled :

EP-1

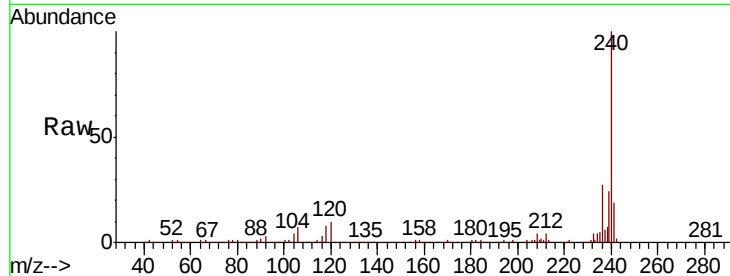
Tot Ion:240 Resp: 361873

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

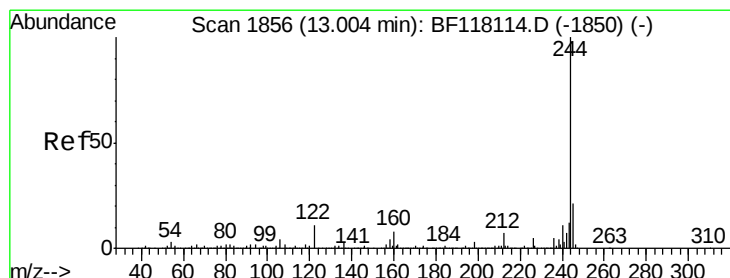
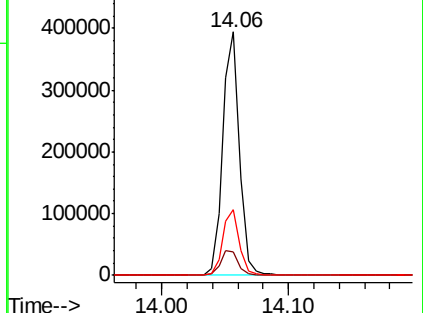
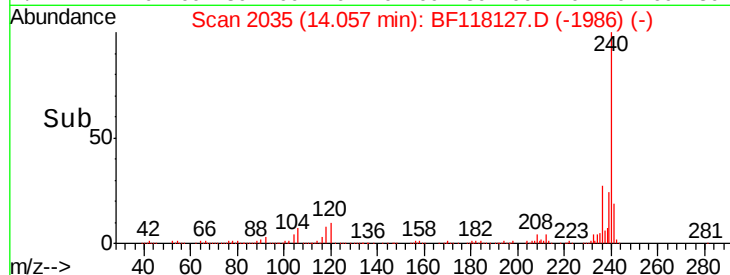
236 26.8 21.0 31.6



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: 67.743 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118127.D

Acq: 7 Dec 2019 14:21

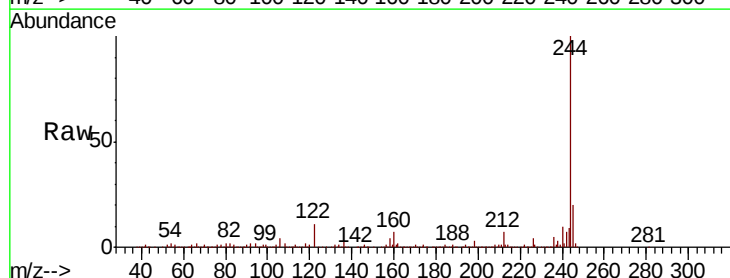
Tgt Ion:244 Resp: 1425557

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

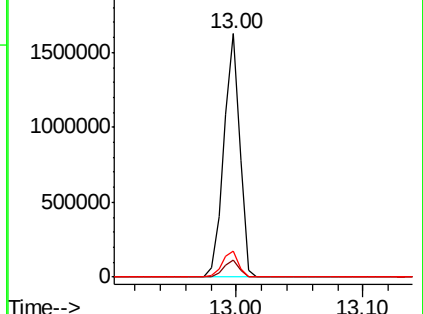
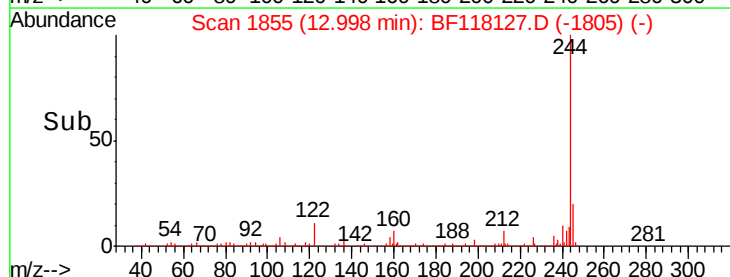
122 10.9 9.0 13.6

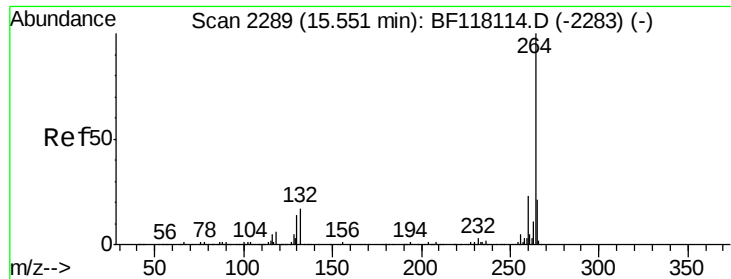


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118127.D
 Acq: 7 Dec 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.9	18.6	28.0	
265	21.4	16.8	25.2	

