

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118181.D
 Acq On : 13 Dec 2019 12:49
 Operator : JU
 Sample : PB125387BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125387BL

Quant Time: Dec 13 17:52:52 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	6.87	152	135935	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	536310	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	288132	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	561082	20.00	ng	0.00
76) Chrysene-d12	14.06	240	406060	20.00	ng	0.00
87) Perylene-d12	15.55	264	349790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1046013	134.77	ng	0.02
7) Phenol-d6	6.50	99	1302736	138.77	ng	0.00
23) Nitrobenzene-d5	7.43	82	796439	83.54	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	467931	133.68	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1637947	86.50	ng	0.00
79) Terphenyl-d14	13.00	244	2112584	89.47	ng	0.00

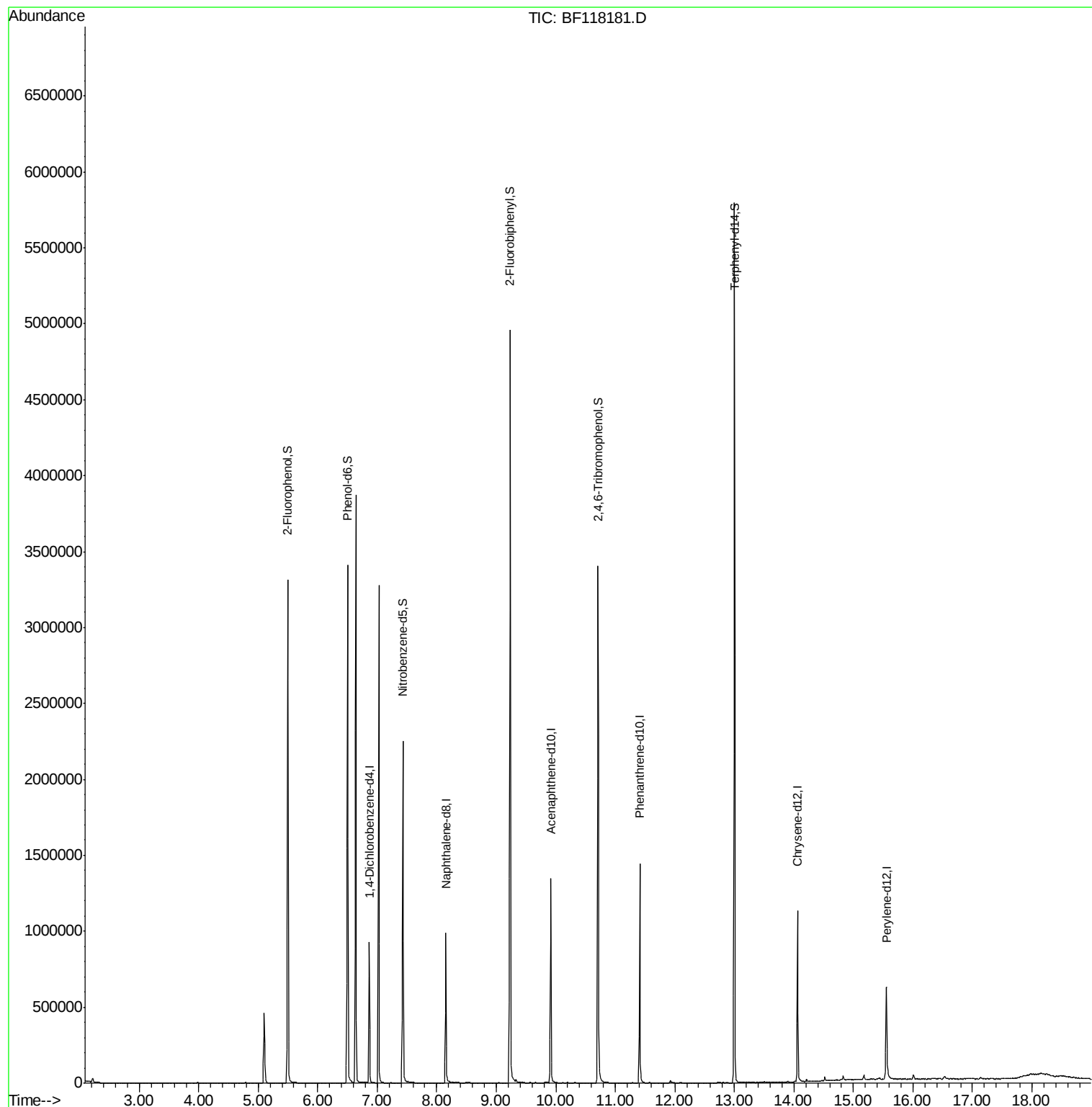
Target Compounds Qvalue

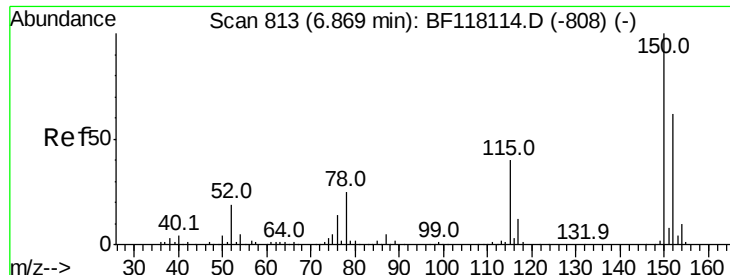
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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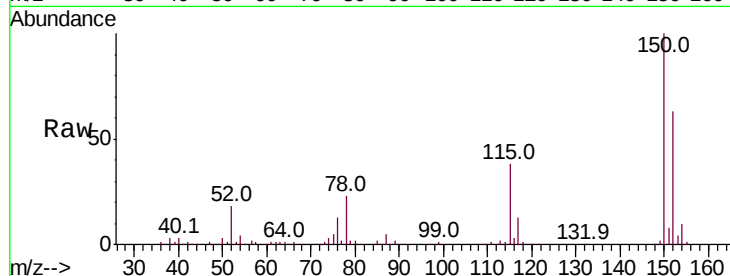


#1

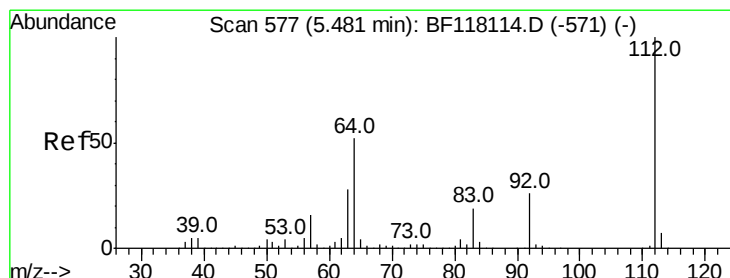
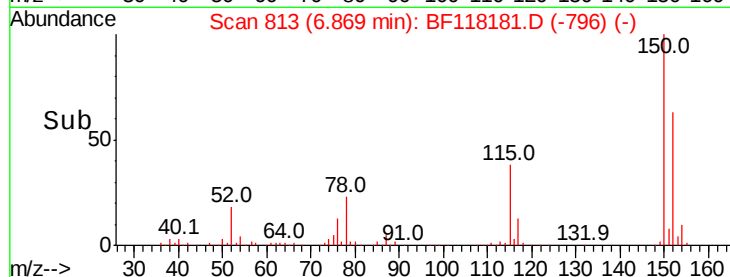
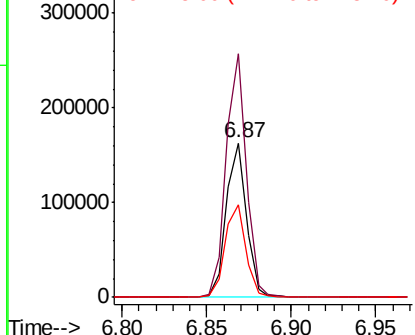
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118181.D
Acq: 13 Dec 2019 12:49

Instrument :
BNA_F
ClientSampleId :
PB125387BL

Tot Ion:152 Resp: 135935
Ion Ratio Lower Upper
152 100
150 157.8 128.3 192.5
115 59.8 51.1 76.7



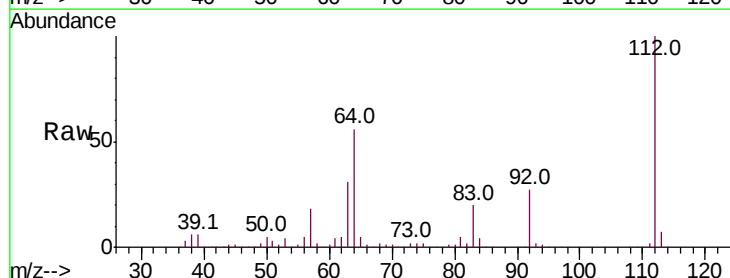
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



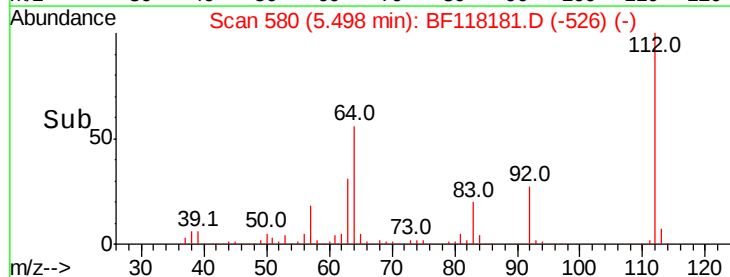
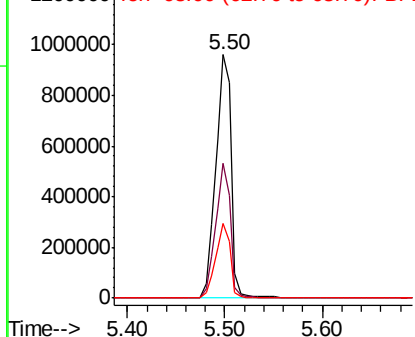
#5

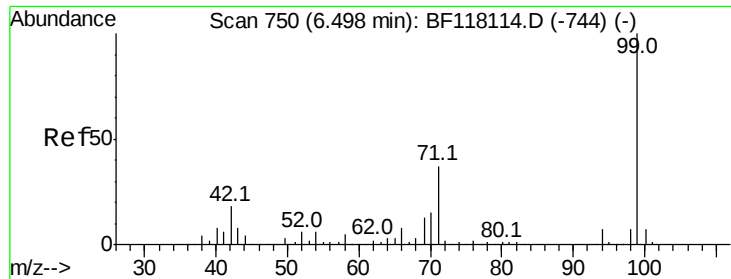
2-Fluorophenol
Concen: 134.774 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF118181.D
Acq: 13 Dec 2019 12:49

Tgt Ion:112 Resp: 1046013
Ion Ratio Lower Upper
112 100
64 55.5 41.3 61.9
63 30.7 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: 138.775 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118181.D

Acq: 13 Dec 2019 12:49

Instrument :

BNA_F

ClientSampleId :

PB125387BL

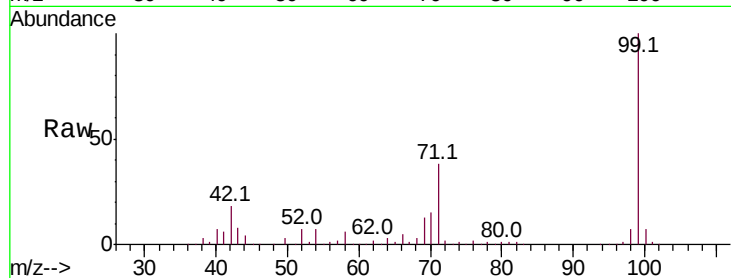
Tot Ion: 99 Resp: 1302736

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

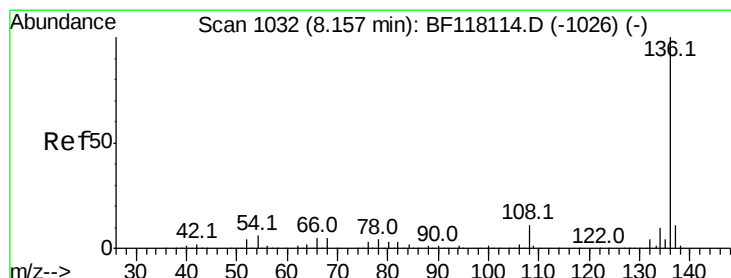
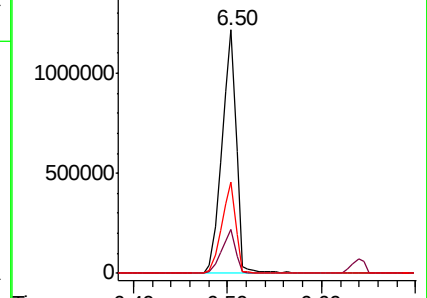
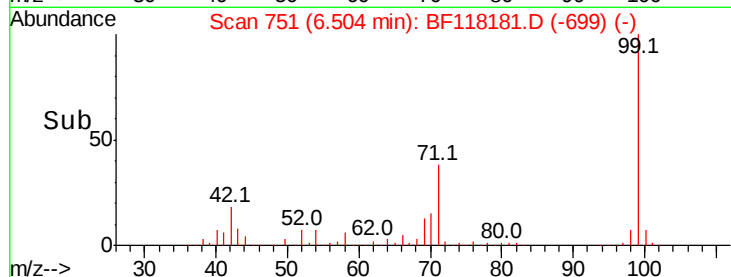
71 37.5 29.7 44.5



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: BF118181.D

Acq: 13 Dec 2019 12:49

Tgt Ion: 136 Resp: 536310

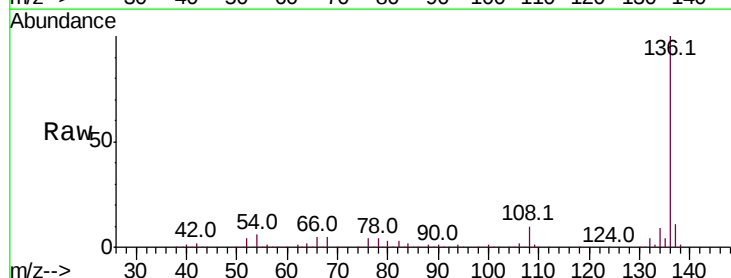
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 6.4 5.0 7.6

68 4.8 3.8 5.8

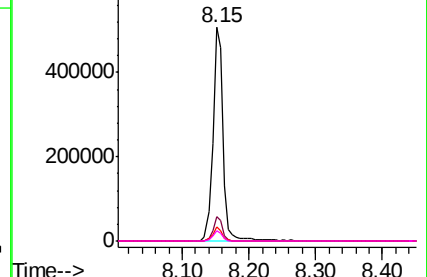
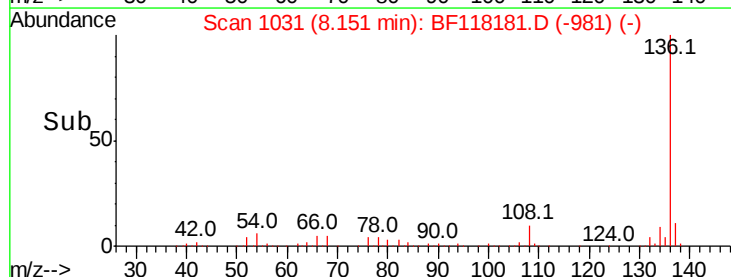


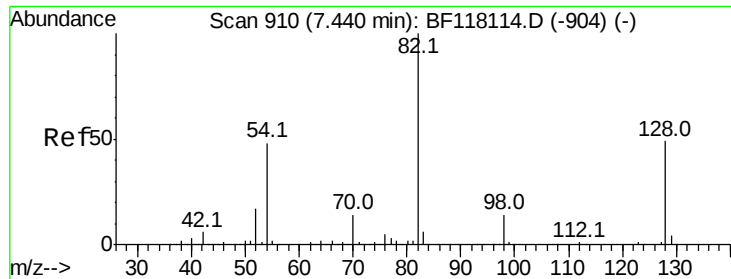
Abundance Ion 136.00 (135.70 to 136.70): E

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

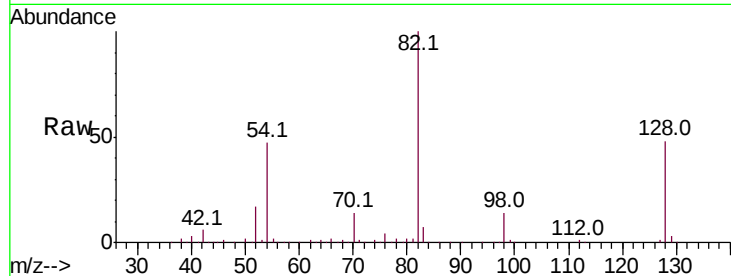




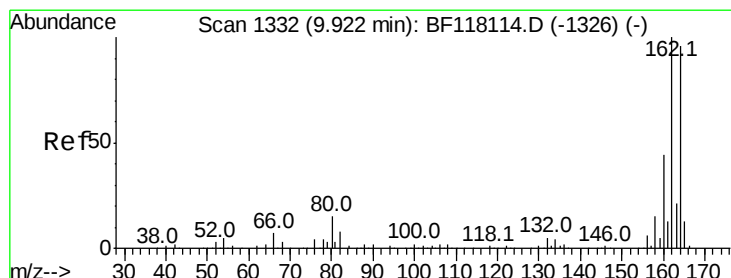
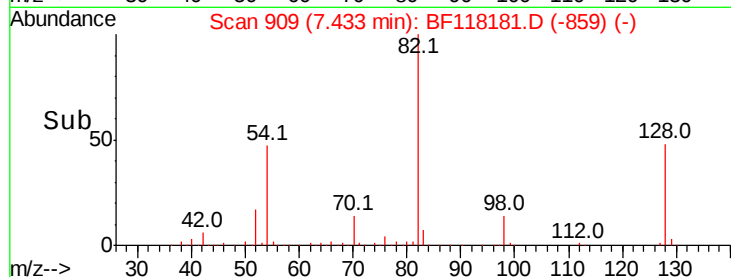
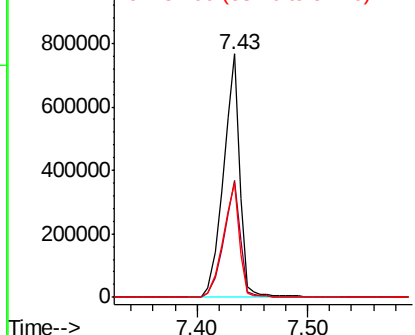
#23
Nitrobenzene-d5
Concen: 83.545 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118181.D
Acq: 13 Dec 2019 12:49

Instrument :
BNA_F
ClientSampleId :
PB125387BL

Tot Ion: 82 Resp: 796439
Ion Ratio Lower Upper
82 100
128 48.1 39.1 58.7
54 46.8 38.2 57.2

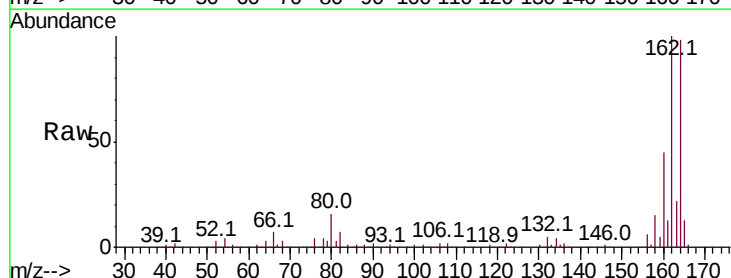


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

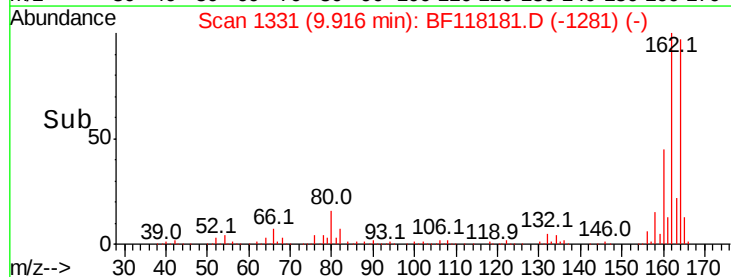
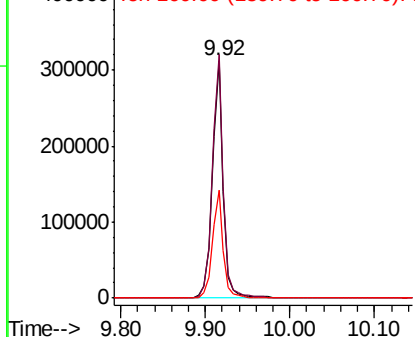


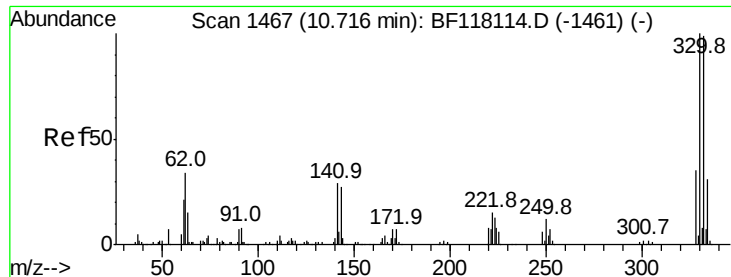
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118181.D
Acq: 13 Dec 2019 12:49

Tgt Ion:164 Resp: 288132
Ion Ratio Lower Upper
164 100
162 102.5 83.4 125.0
160 45.7 36.6 54.8



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

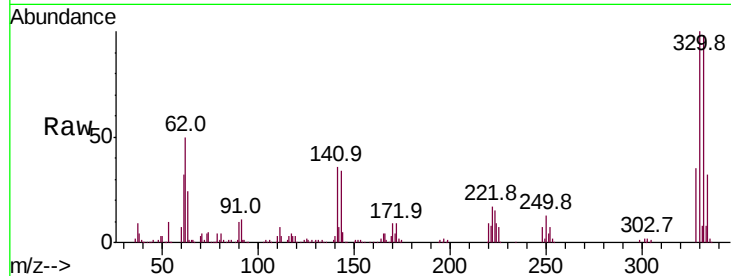




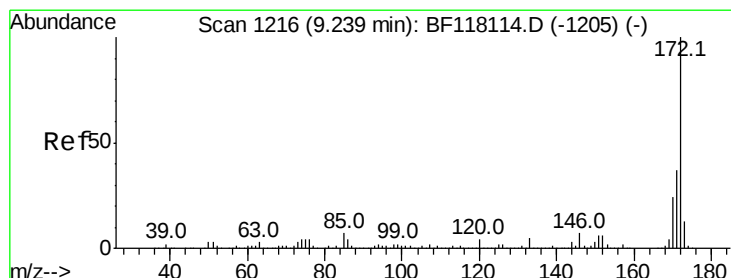
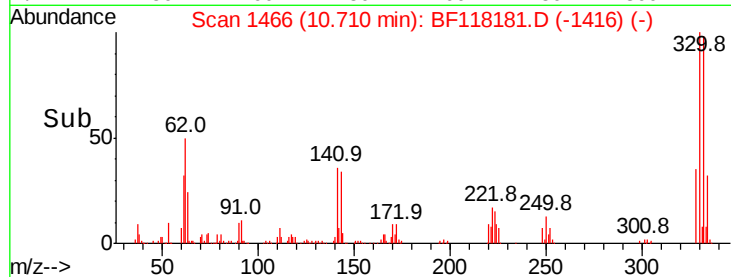
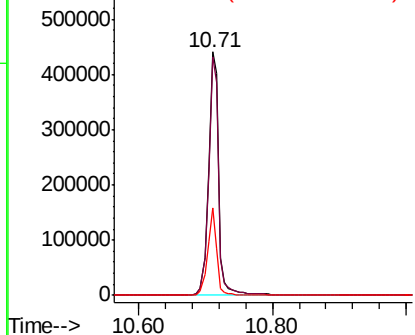
#42
 2,4,6-Tribromophenol
 Concen: 133.684 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118181.D
 Acq: 13 Dec 2019 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB125387BL

Tot Ion:330 Resp: 467931
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.1 117.1
 141 32.1 26.9 40.3

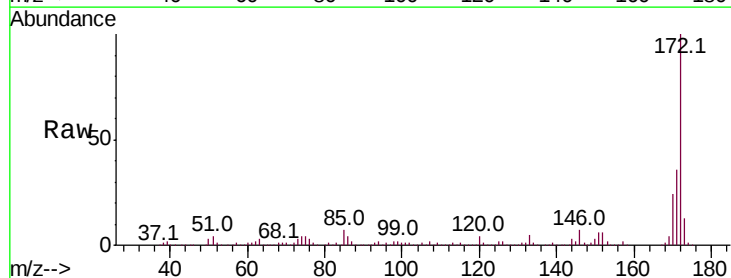


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

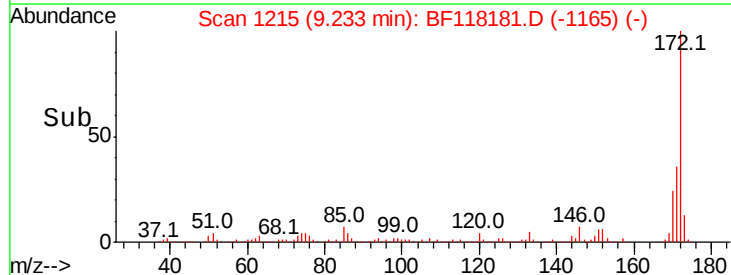
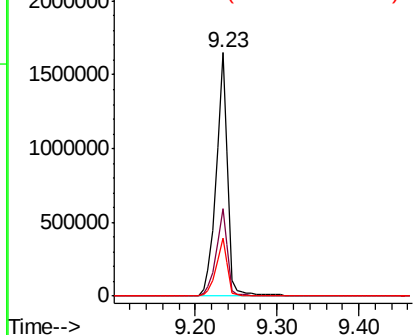


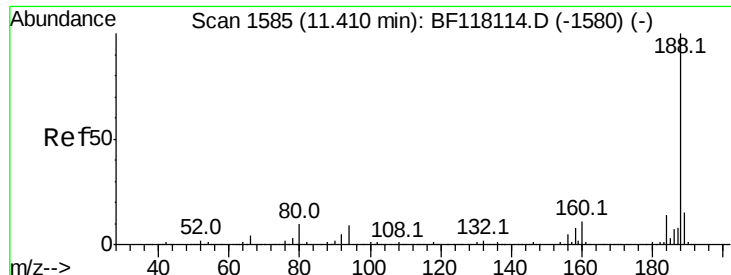
#45
 2-Fluorobiphenyl
 Concen: 86.501 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118181.D
 Acq: 13 Dec 2019 12:49

Tgt Ion:172 Resp: 1637947
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.8 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF118181.D

Acq: 13 Dec 2019 12:49

Instrument :

BNA_F

ClientSampleId :

PB125387BL

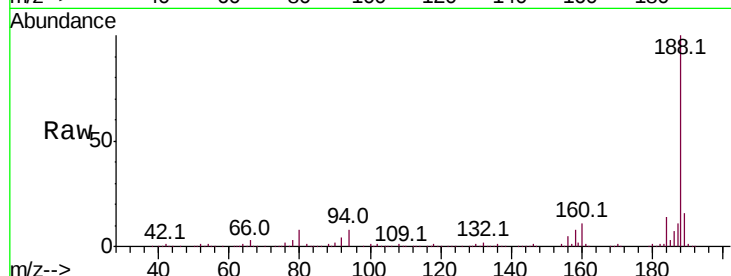
Tot Ion:188 Resp: 561082

Ion Ratio Lower Upper

188 100

94 7.5 7.1 10.7

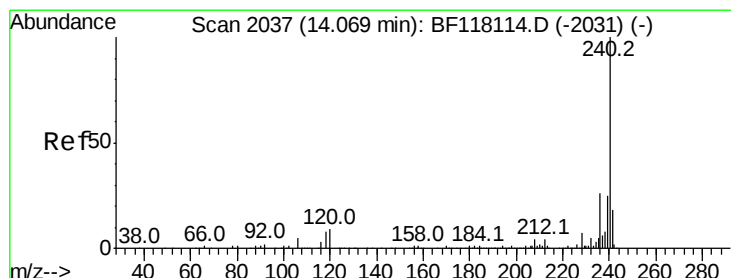
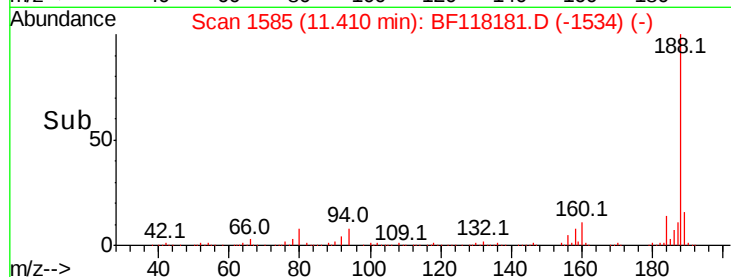
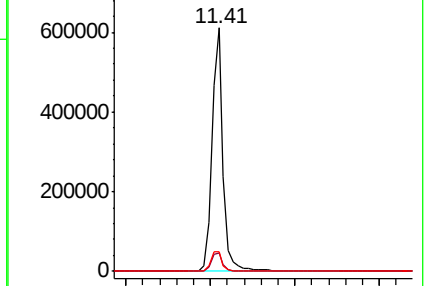
80 8.3 7.9 11.9



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# 2036

Delta R.T. -0.01 min

Lab File: BF118181.D

Acq: 13 Dec 2019 12:49

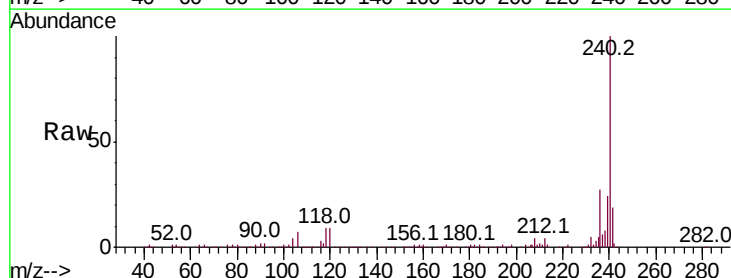
Tgt Ion:240 Resp: 406060

Ion Ratio Lower Upper

240 100

120 9.4 7.1 10.7

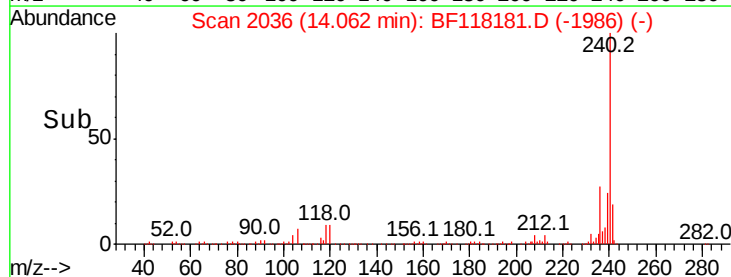
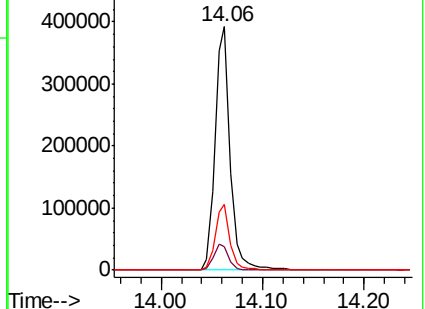
236 26.8 21.0 31.6

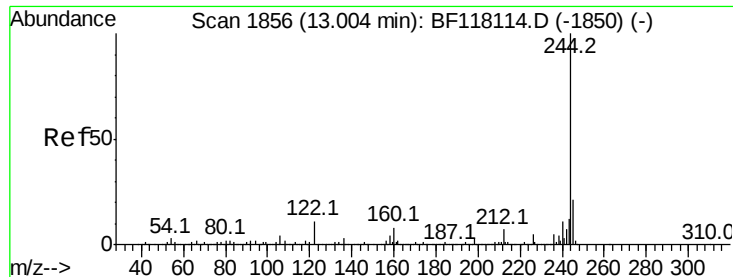


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.466 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118181.D

Acq: 13 Dec 2019 12:49

Instrument :

BNA_F

ClientSampleId :

PB125387BL

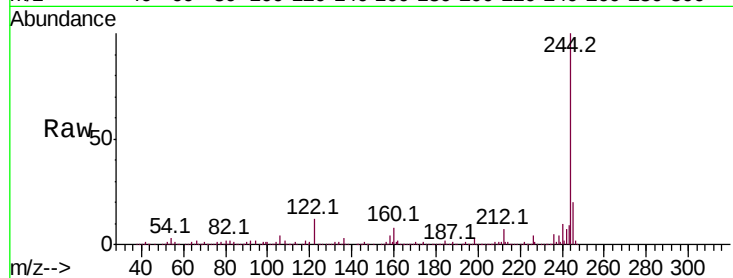
Tot Ion:244 Resp: 2112584

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

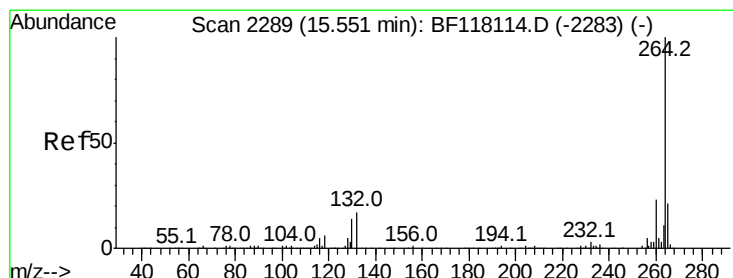
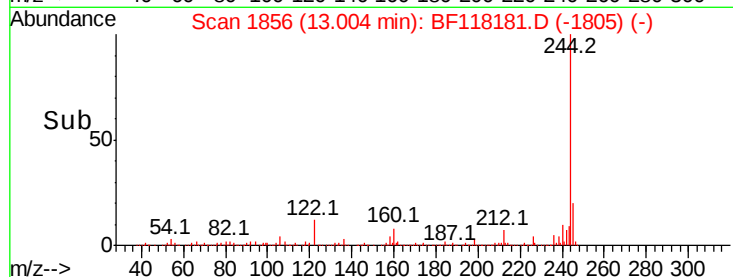
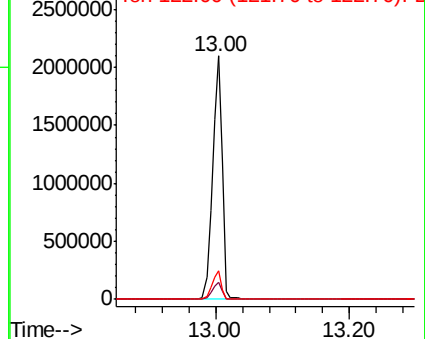
122 11.8 9.0 13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118181.D

Acq: 13 Dec 2019 12:49

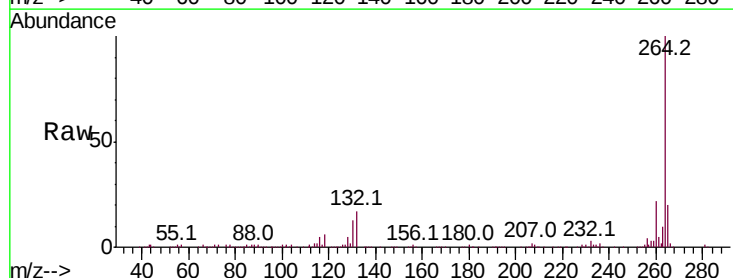
Tgt Ion:264 Resp: 349790

Ion Ratio Lower Upper

264 100

260 22.4 18.6 28.0

265 20.4 16.8 25.2



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

