

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118146.D
 Acq On : 9 Dec 2019 15:59
 Operator : JU
 Sample : PB125313BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125313BL

Quant Time: Dec 10 01:06:32 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	142548	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	563634	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	303314	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	588453	20.00	ng	0.00
76) Chrysene-d12	14.06	240	424741	20.00	ng	0.00
87) Perylene-d12	15.56	264	361657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1338208	164.42	ng	0.02
7) Phenol-d6	6.51	99	1660462	168.68	ng	0.01
23) Nitrobenzene-d5	7.44	82	1041164	103.92	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	612686	166.28	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2105997	105.65	ng	0.00
79) Terphenyl-d14	13.01	244	2629926	106.48	ng	0.00

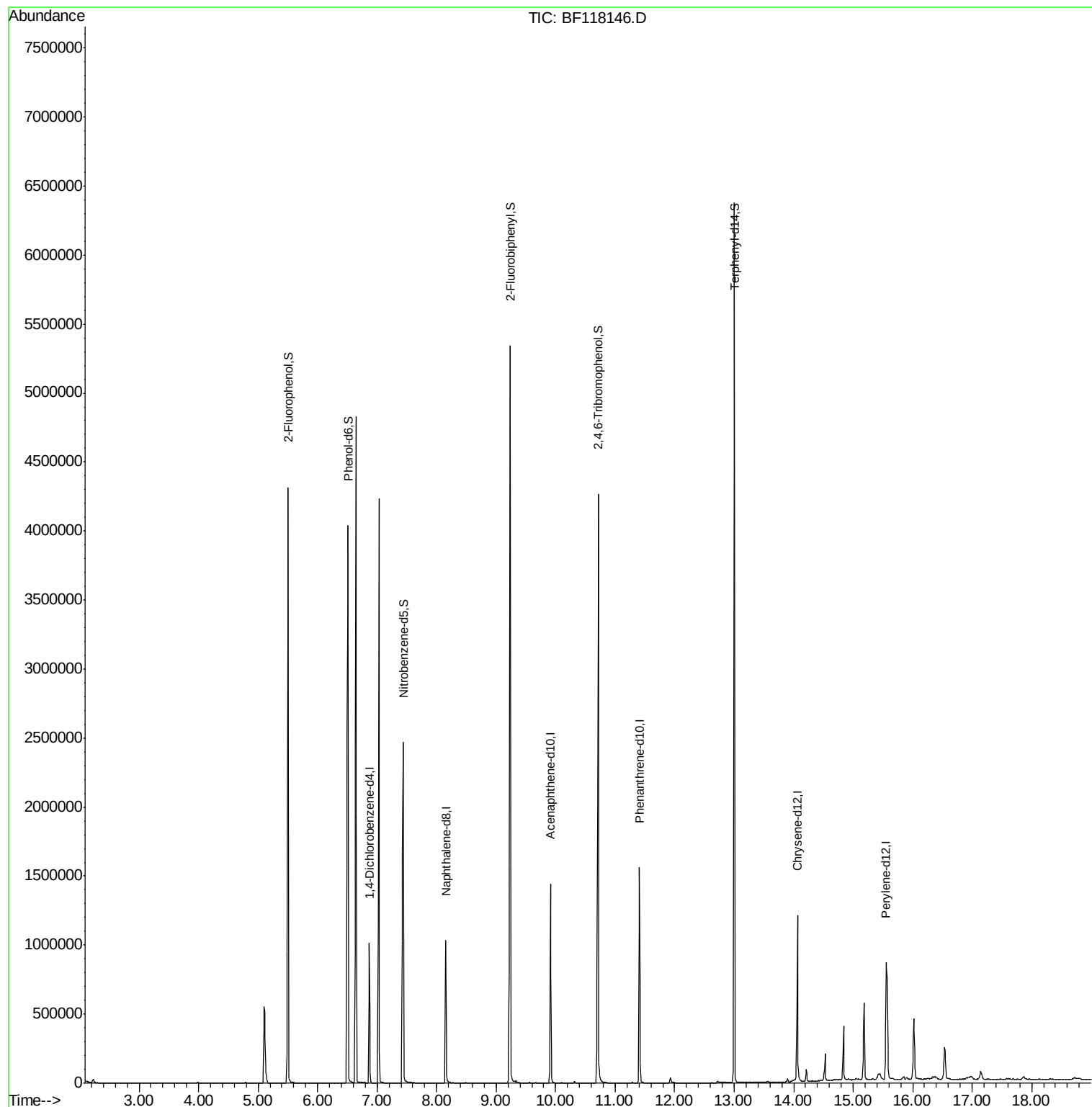
Target Compounds Qvalue

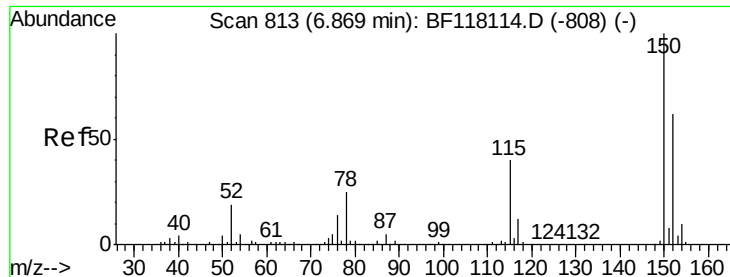
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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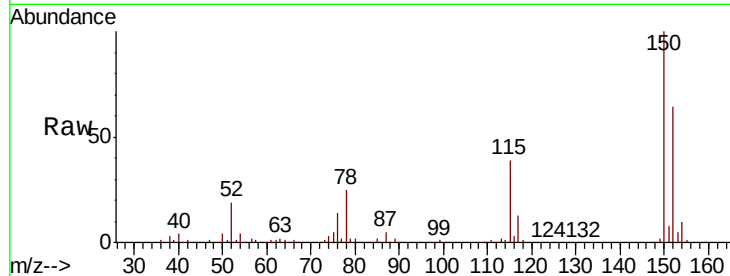


#1

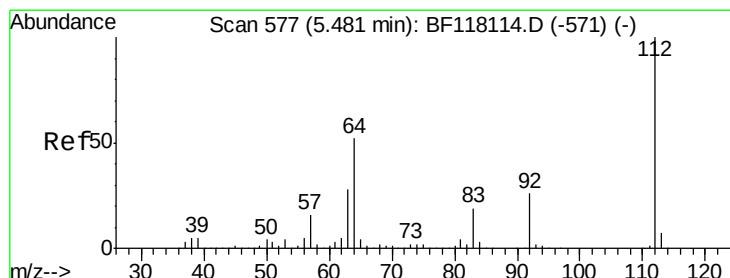
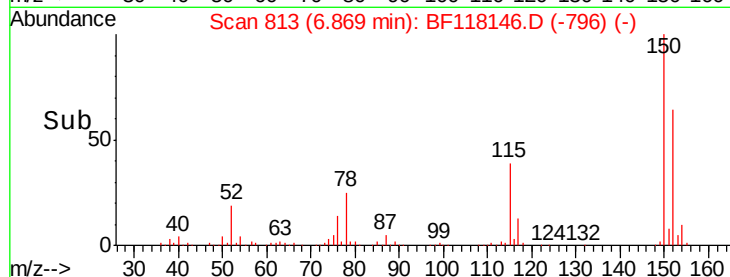
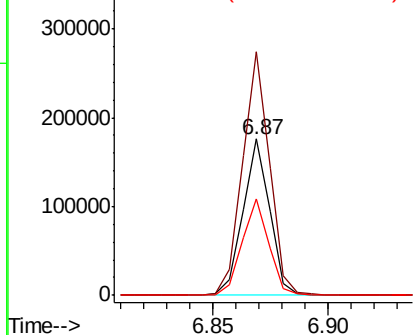
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Instrument :
BNA_F
ClientSampleId :
PB125313BL

Tot Ion:152 Resp: 142548
Ion Ratio Lower Upper
152 100
150 155.6 128.3 192.5
115 61.4 51.1 76.7



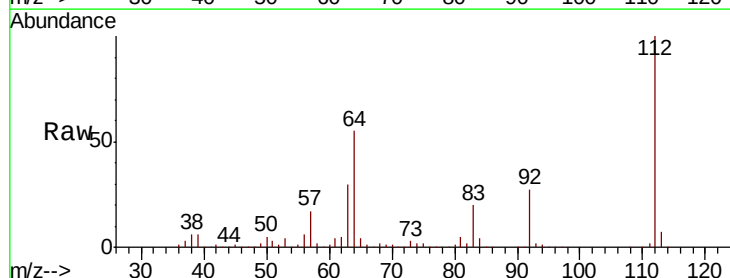
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



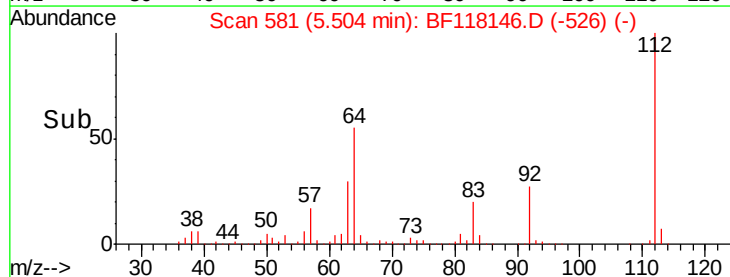
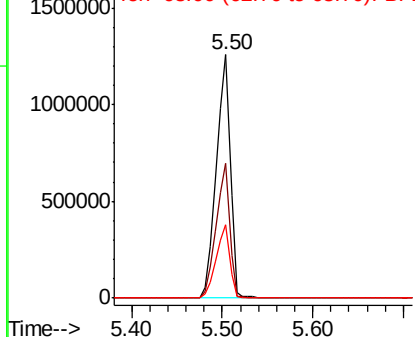
#5

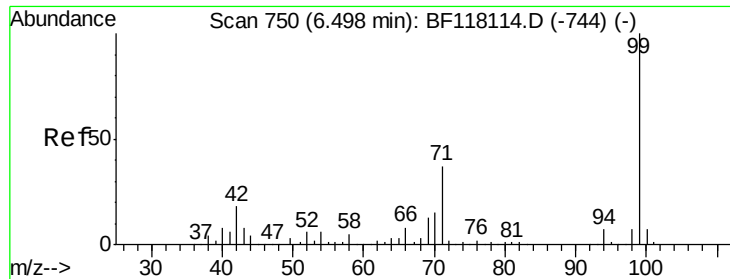
2-Fluorophenol
Concen: 164.423 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF118146.D
Acq: 9 Dec 2019 15:59

Tgt Ion:112 Resp: 1338208
Ion Ratio Lower Upper
112 100
64 55.2 41.3 61.9
63 30.0 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: 168.676 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

Instrument :

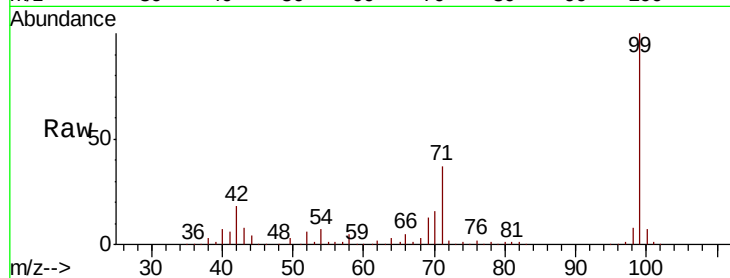
BNA_F

ClientSampleId :

PB125313BL

Tot Ion: 99 Resp: 1660462

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	37.5	29.7	44.5

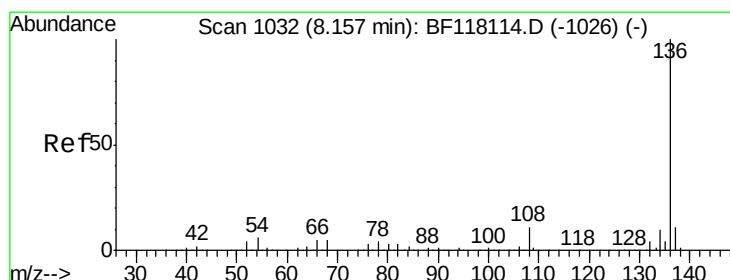
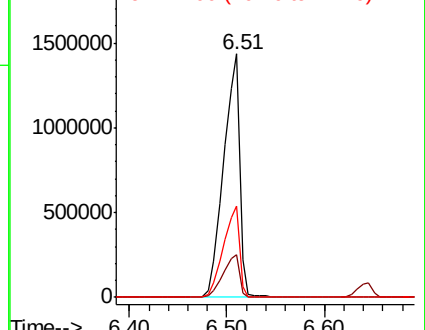
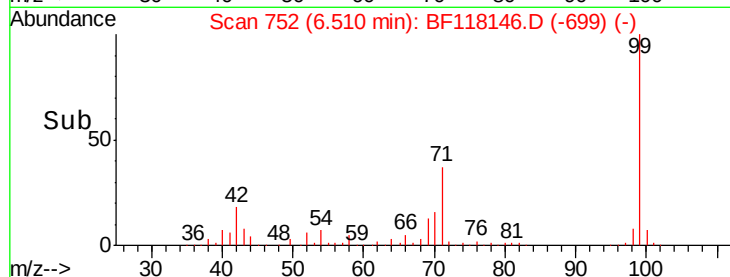


Abundance

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: 8.16 min Scan# 1032

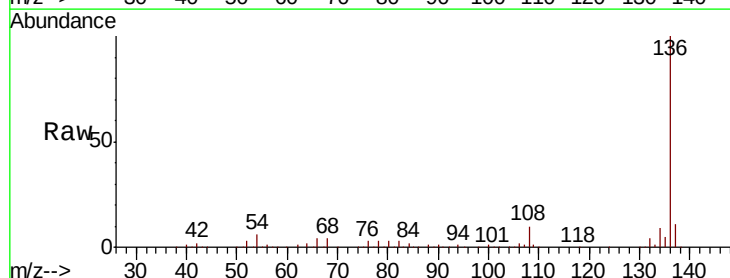
Delta R.T. -0.00 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

Tgt Ion: 136 Resp: 563634

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	5.7	5.0	7.6
68	4.1	3.8	5.8



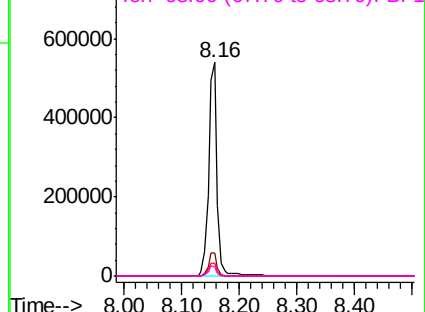
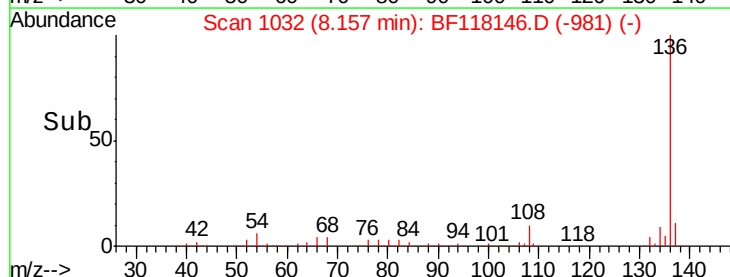
Abundance

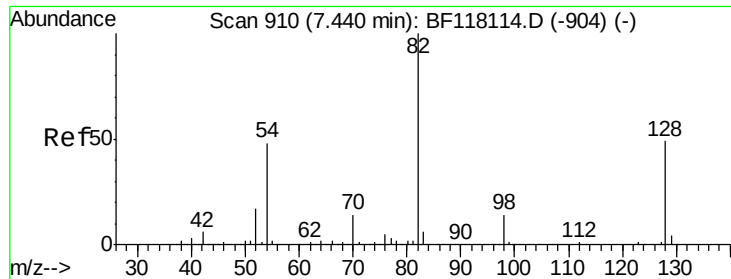
Ion 136.00 (135.70 to 136.70): E

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

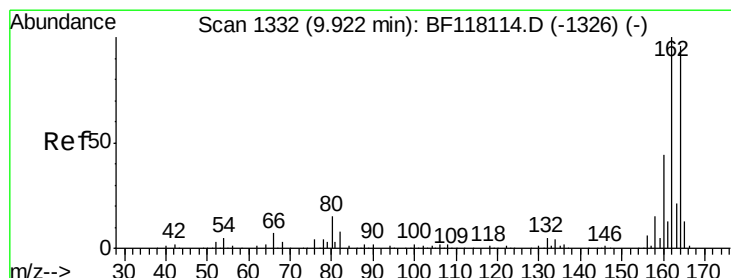
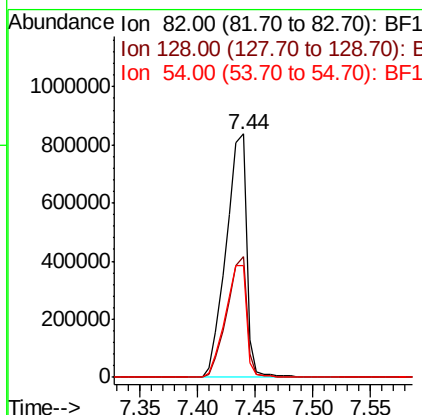
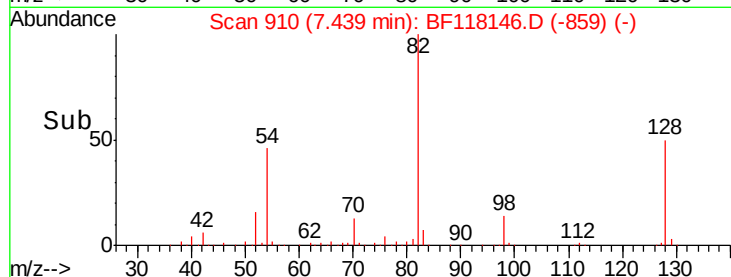
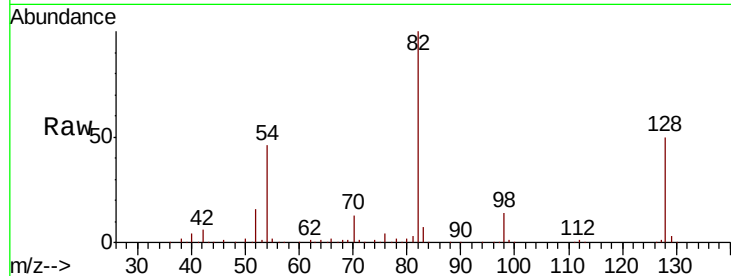




#23
 Nitrobenzene-d5
 Concen: 103.921 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118146.D
 Acq: 9 Dec 2019 15:59

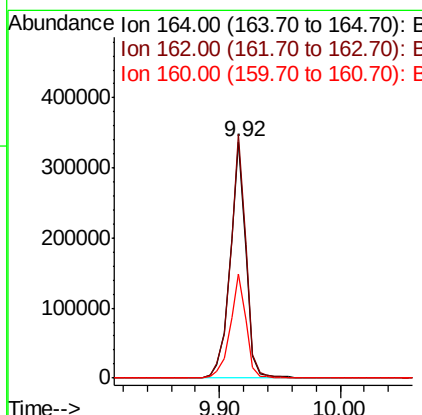
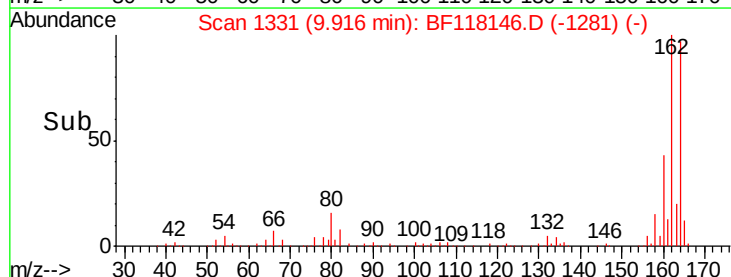
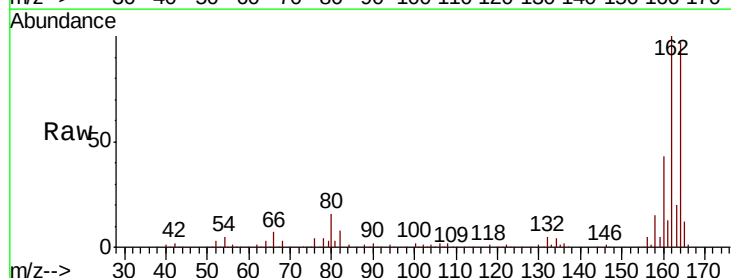
Instrument :
 BNA_F
 ClientSampleId :
 PB125313BL

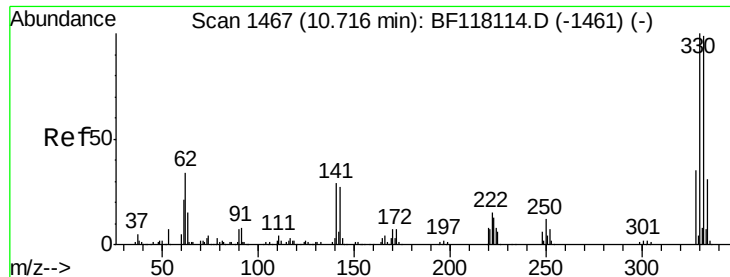
Tot Ion: 82 Resp: 1041164
 Ion Ratio Lower Upper
 82 100
 128 49.5 39.1 58.7
 54 46.0 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118146.D
 Acq: 9 Dec 2019 15:59

Tgt Ion: 164 Resp: 303314
 Ion Ratio Lower Upper
 164 100
 162 102.9 83.4 125.0
 160 44.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 166.278 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

Instrument :

BNA_F

ClientSampleId :

PB125313BL

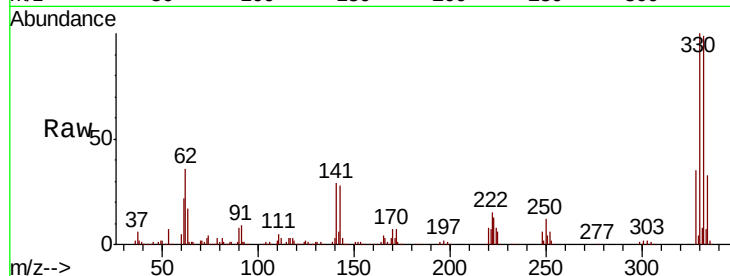
Tot Ion:330 Resp: 612686

Ion Ratio Lower Upper

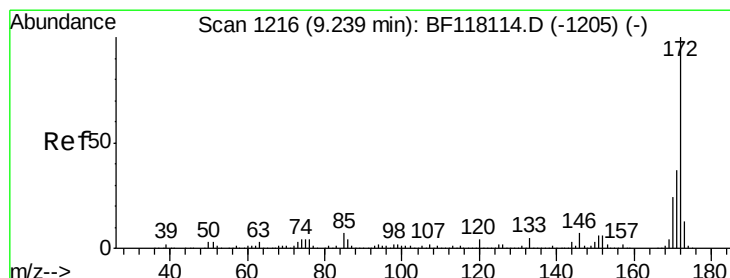
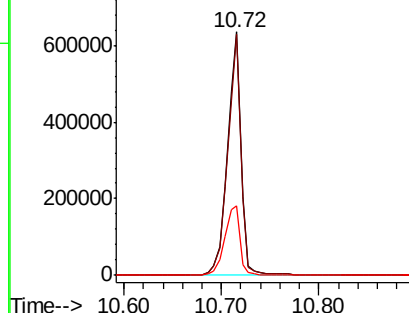
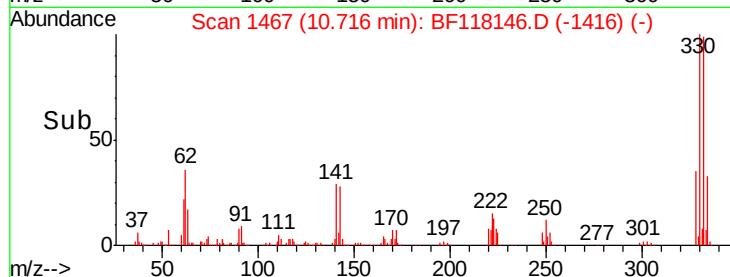
330 100

332 97.7 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: 105.652 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

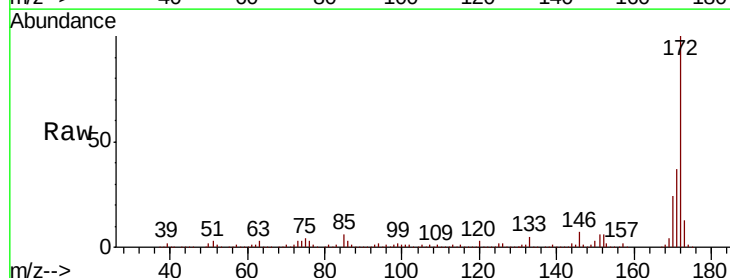
Tgt Ion:172 Resp: 2105997

Ion Ratio Lower Upper

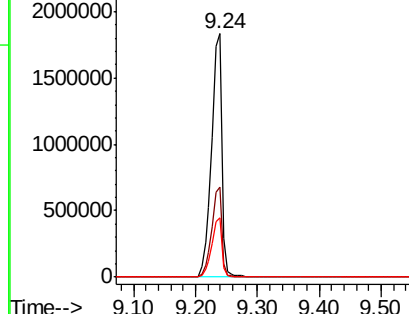
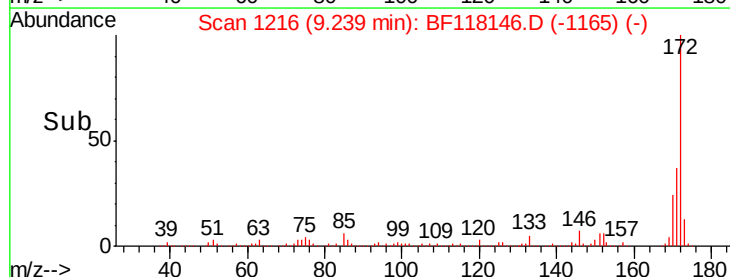
172 100

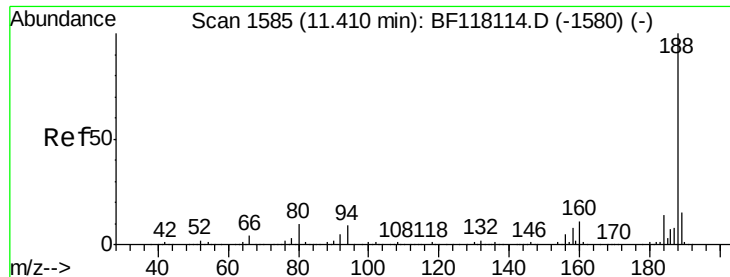
171 37.2 29.2 43.8

170 24.2 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: BF118146.D

Acq: 9 Dec 2019 15:59

Instrument :

BNA_F

ClientSampleId :

PB125313BL

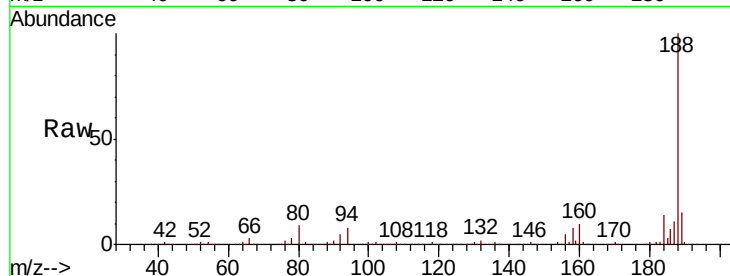
Tot Ion:188 Resp: 588453

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

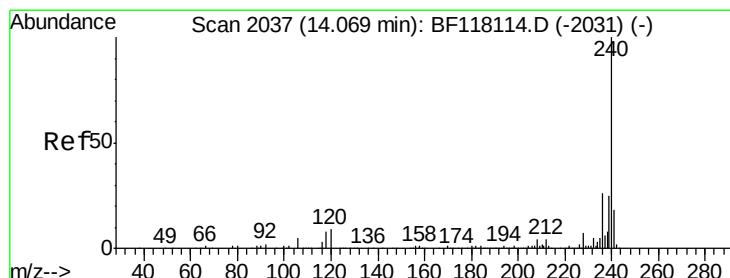
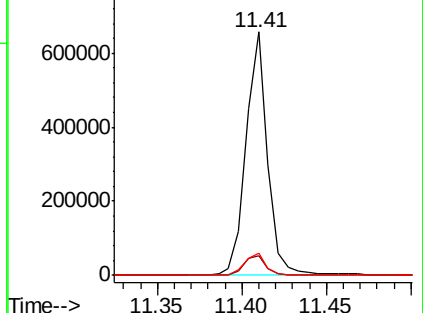
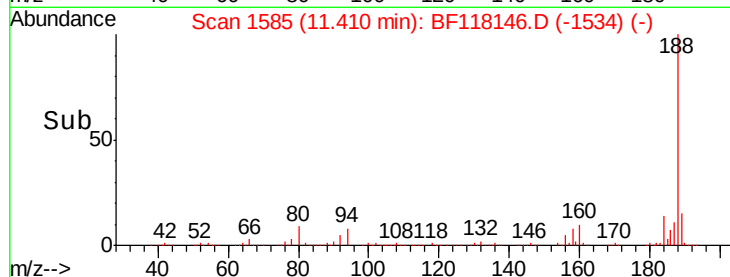
80 9.0 7.9 11.9



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# 2036

Delta R.T. -0.01 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

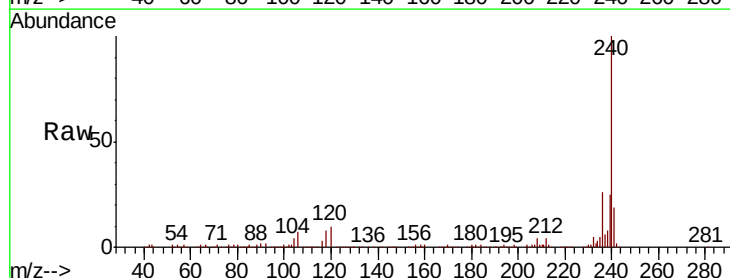
Tgt Ion:240 Resp: 424741

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

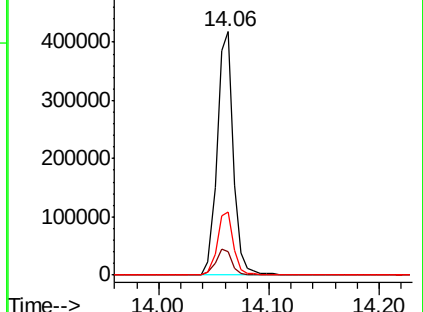
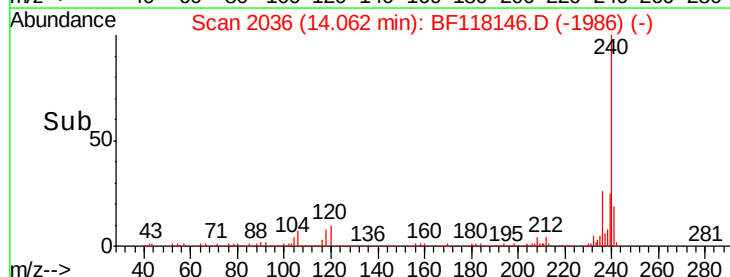
236 26.1 21.0 31.6

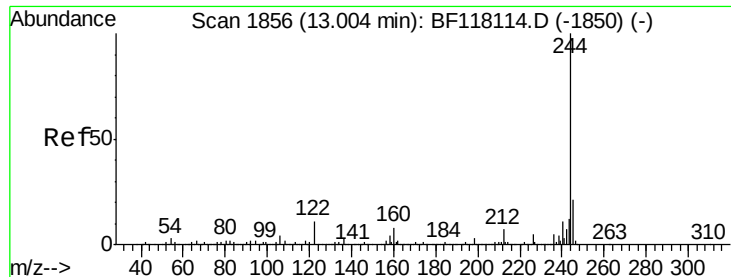


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.476 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

Instrument :

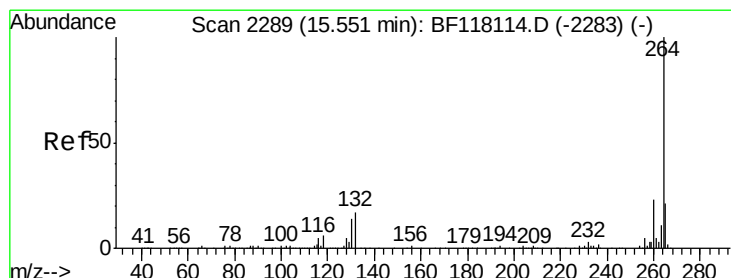
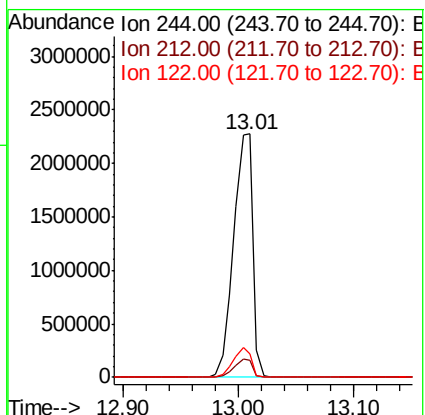
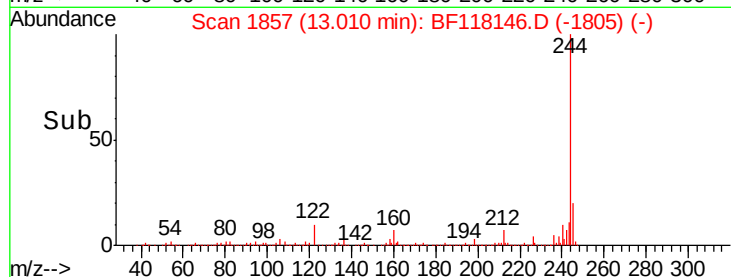
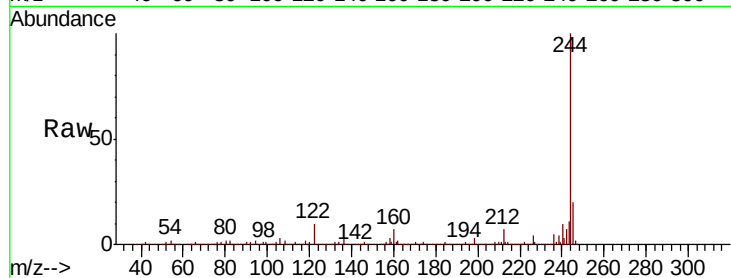
BNA_F

ClientSampleId :

PB125313BL

Tot Ion:244 Resp: 2629926

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.5	9.0	13.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118146.D

Acq: 9 Dec 2019 15:59

Tgt Ion:264 Resp: 361657

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	21.9	16.8	25.2

