

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118167.D
 Acq On : 10 Dec 2019 17:09
 Operator : JU
 Sample : K6118-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-120619

Quant Time: Dec 11 02:45:28 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

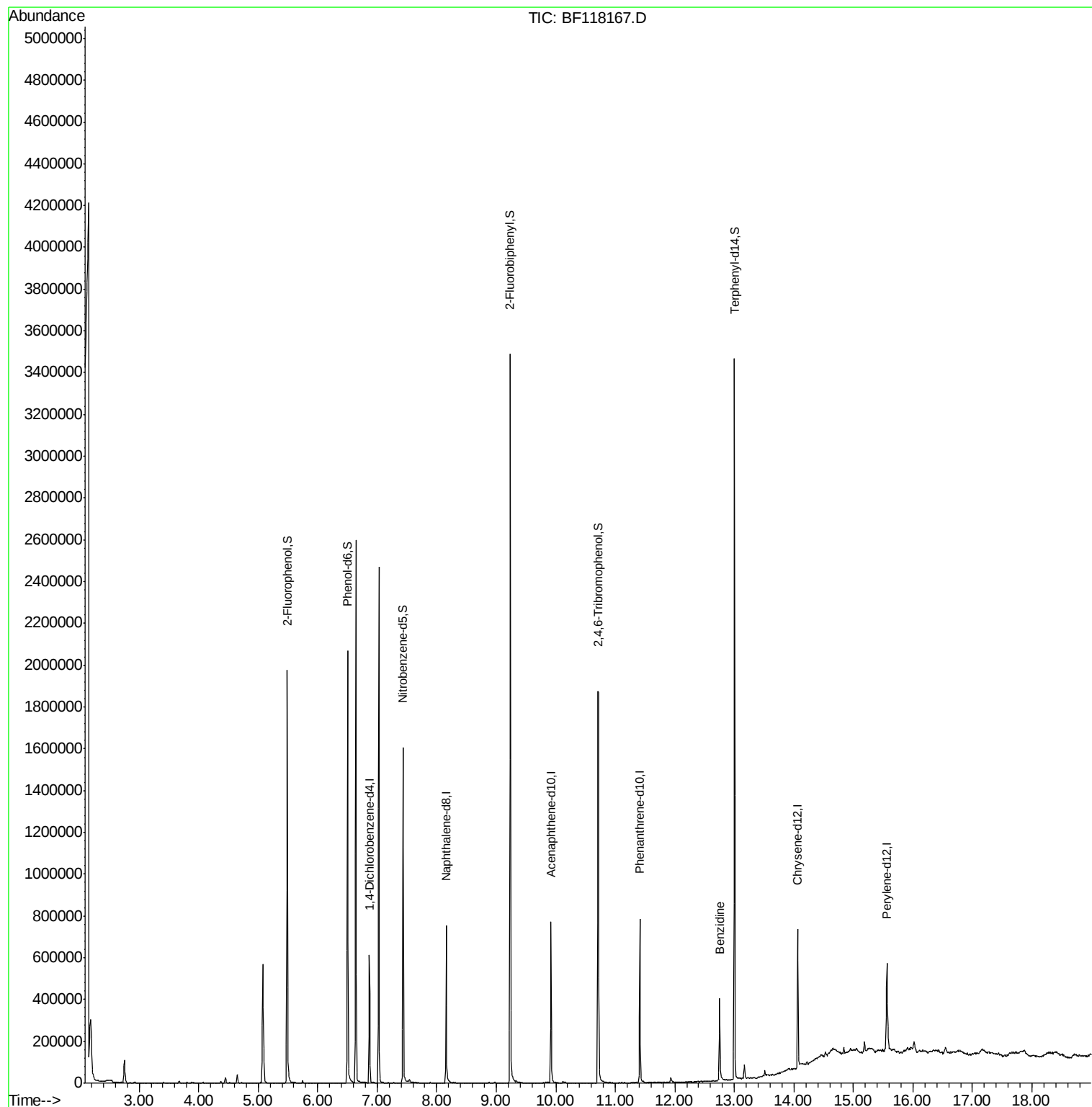
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83056	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	337309	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	178209	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	308926	20.00	ng	0.00
76) Chrysene-d12	14.06	240	223607	20.00	ng	0.00
87) Perylene-d12	15.56	264	210033	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	619653	130.67	ng	0.01
7) Phenol-d6	6.50	99	694250	121.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	502142	83.75	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	272606	125.92	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1033081	88.21	ng	0.00
79) Terphenyl-d14	13.00	244	1098985	84.52	ng	0.00
Target Compounds						
77) Benzidine	12.75	184	172736	29.344	ng	Qvalue 98

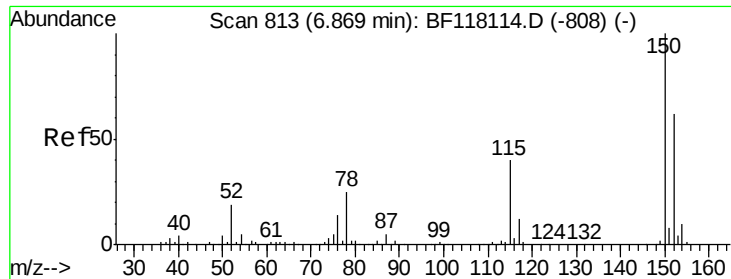
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118167.D
Acq On : 10 Dec 2019 17:09
Operator : JU
Sample : K6118-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-120619

Quant Time: Dec 11 02:45:28 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



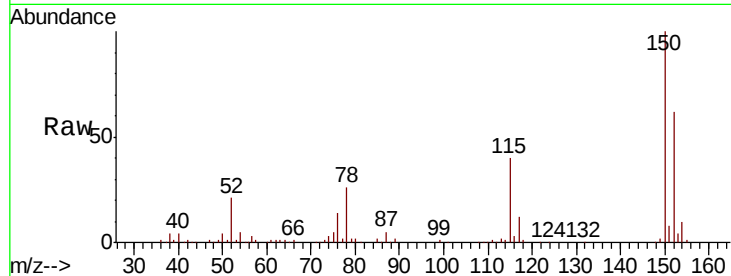


#1

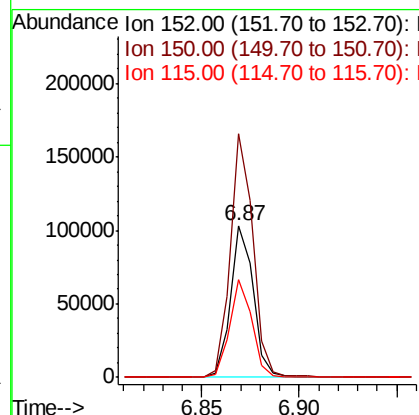
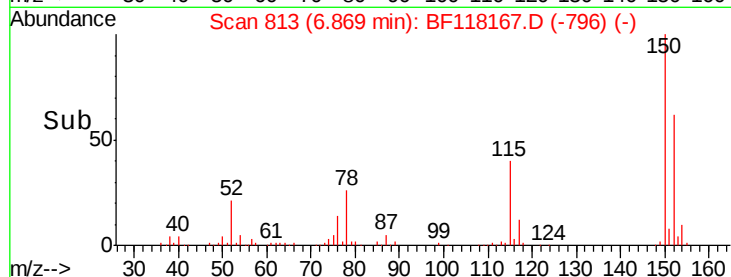
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118167.D
Acq: 10 Dec 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SU-02-120619

Tot Ion:152 Resp: 83056
Ion Ratio Lower Upper
152 100
150 160.1 128.3 192.5
115 64.0 51.1 76.7



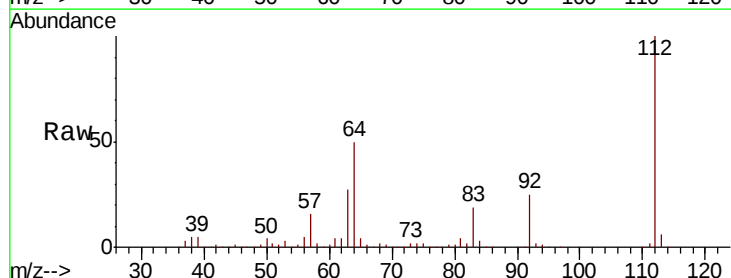
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



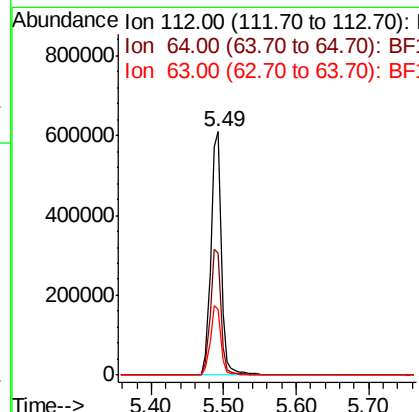
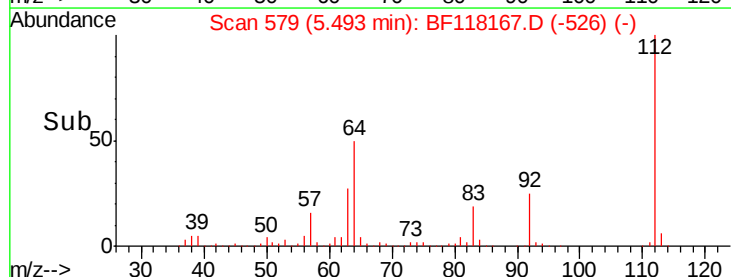
#5

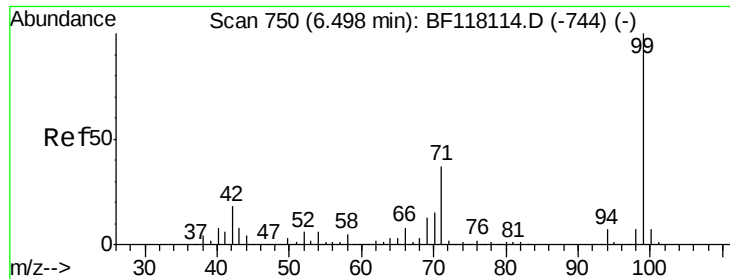
2-Fluorophenol
Concen: 130.671 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118167.D
Acq: 10 Dec 2019 17:09

Tgt Ion:112 Resp: 619653
Ion Ratio Lower Upper
112 100
64 50.1 41.3 61.9
63 27.1 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: 121.040 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118167.D

Acq: 10 Dec 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SU-02-120619

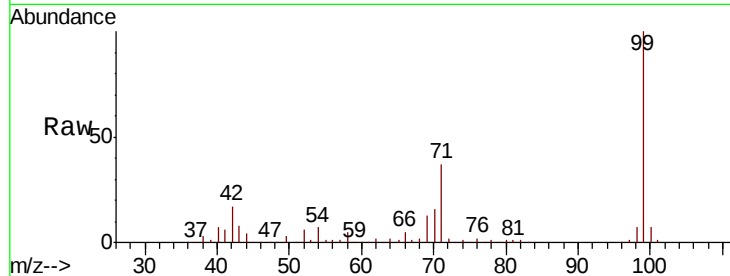
Tot Ion: 99 Resp: 694250

Ion Ratio Lower Upper

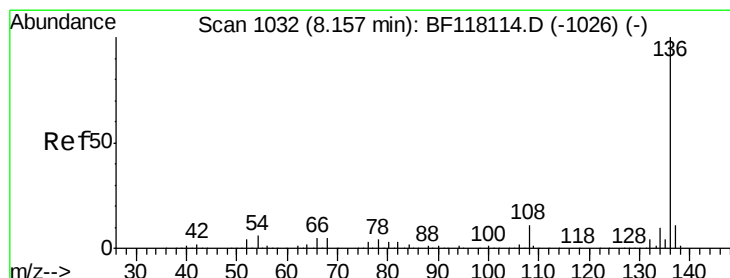
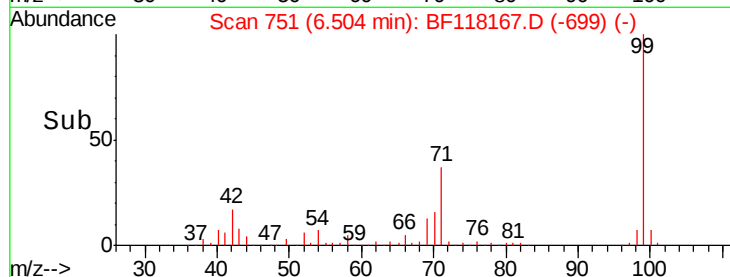
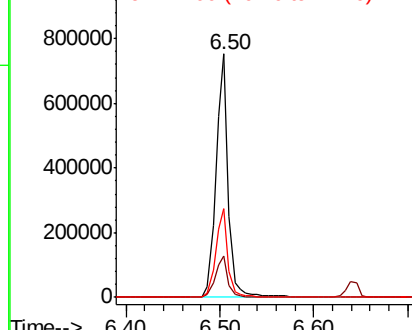
99 100

42 17.1 14.1 21.1

71 36.5 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: BF118167.D

Acq: 10 Dec 2019 17:09

Tgt Ion: 136 Resp: 337309

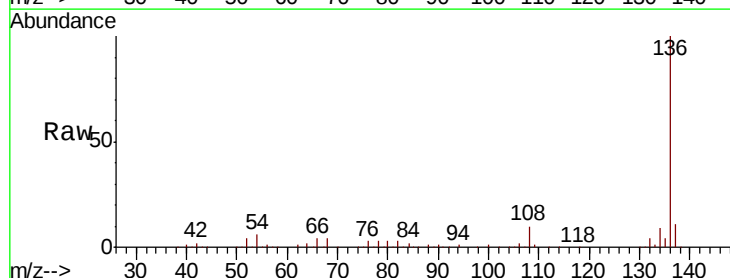
Ion Ratio Lower Upper

136 100

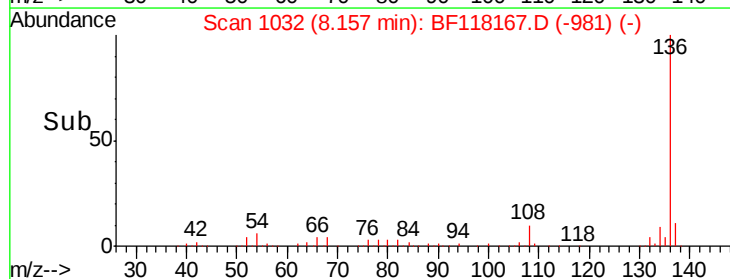
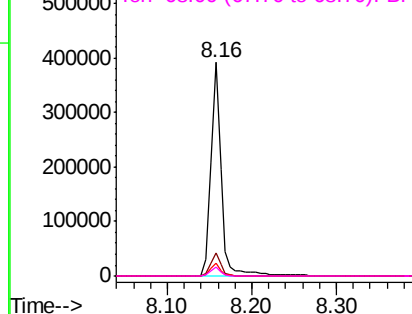
137 10.6 9.0 13.6

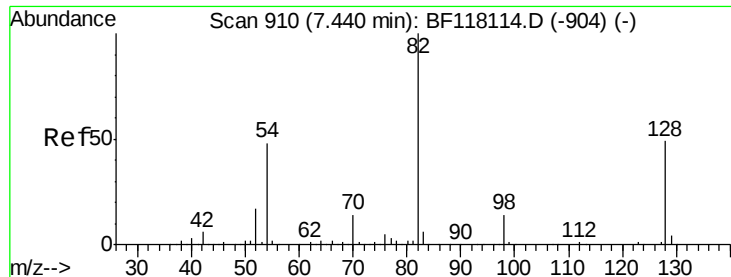
54 6.2 5.0 7.6

68 4.4 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

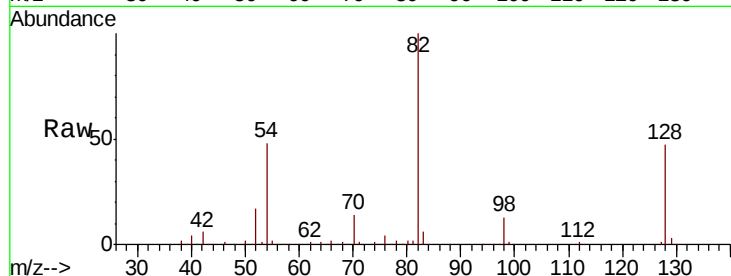




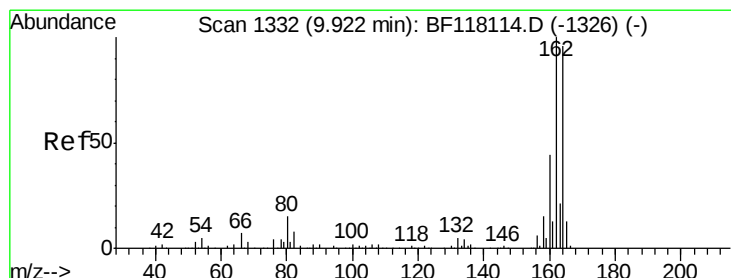
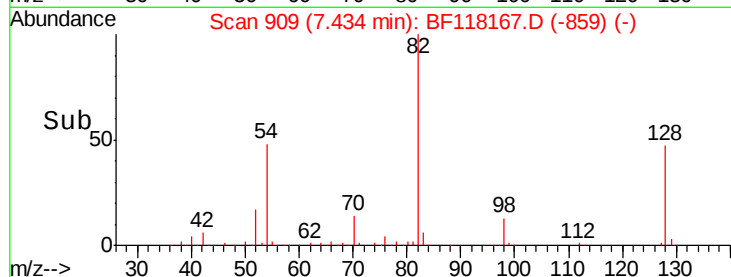
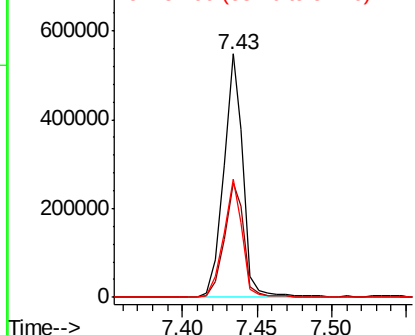
#23
Nitrobenzene-d5
Concen: 83.749 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118167.D
Acq: 10 Dec 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SU-02-120619

Tot Ion: 82 Resp: 502142
Ion Ratio Lower Upper
82 100
128 46.9 39.1 58.7
54 48.3 38.2 57.2

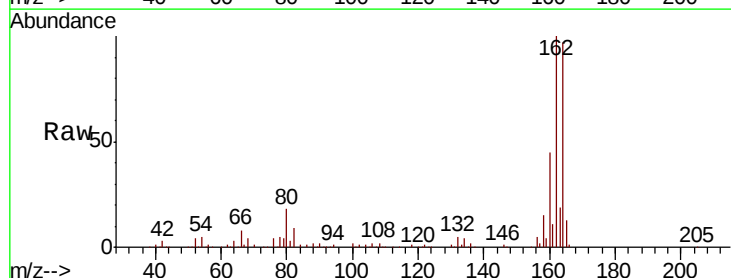


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

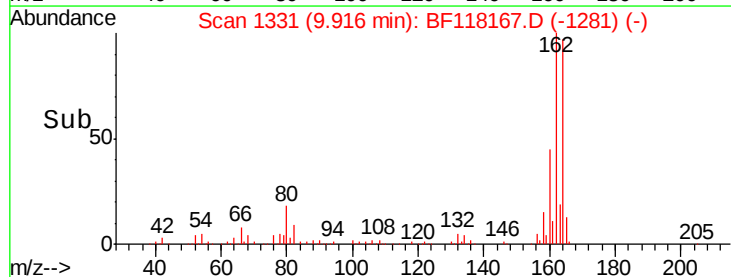
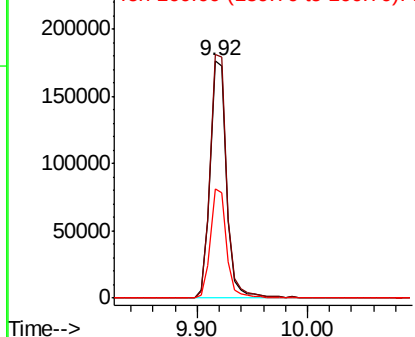


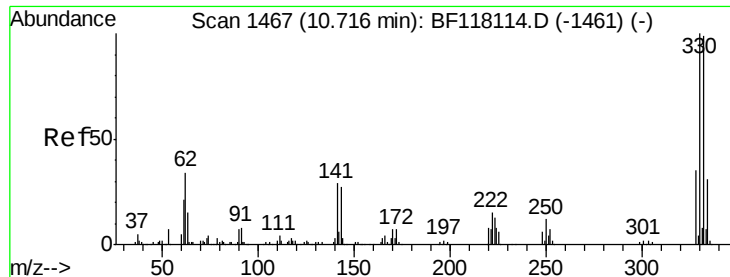
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118167.D
Acq: 10 Dec 2019 17:09

Tgt Ion:164 Resp: 178209
Ion Ratio Lower Upper
164 100
162 102.6 83.4 125.0
160 45.8 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 125.920 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF118167.D

Acq: 10 Dec 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SU-02-120619

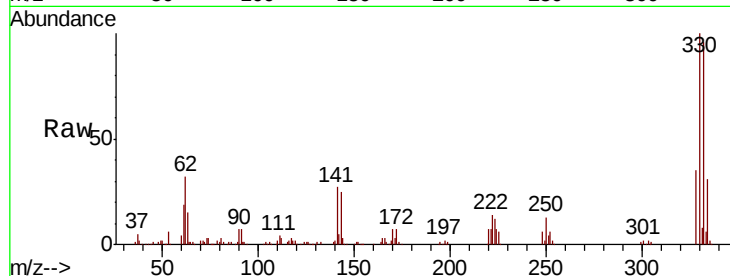
Tot Ion:330 Resp: 272606

Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

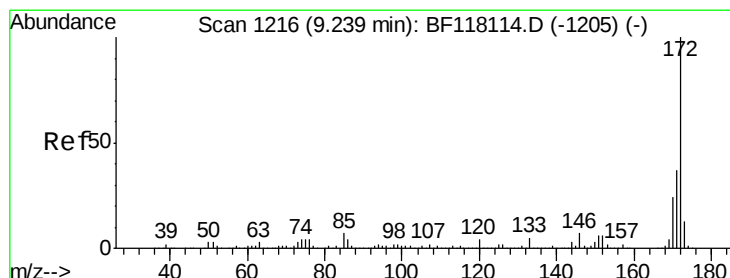
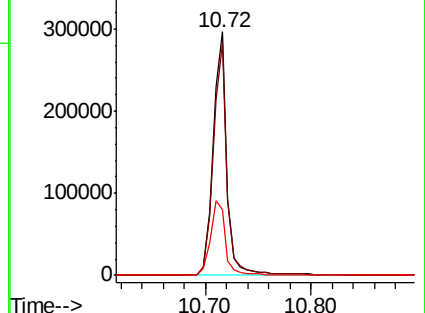
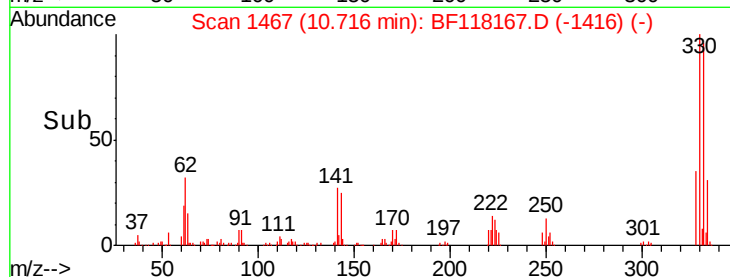
141 33.3 26.9 40.3



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: 88.210 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118167.D

Acq: 10 Dec 2019 17:09

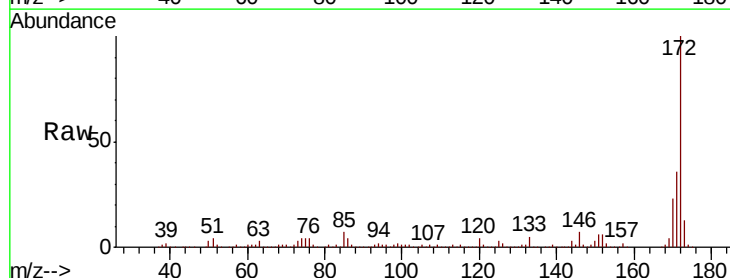
Tgt Ion:172 Resp: 1033081

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

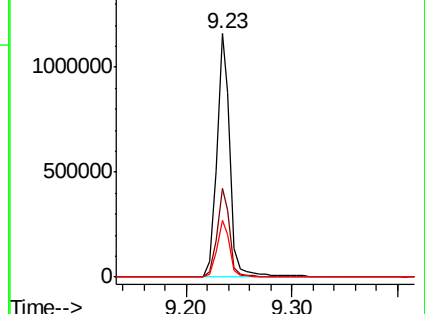
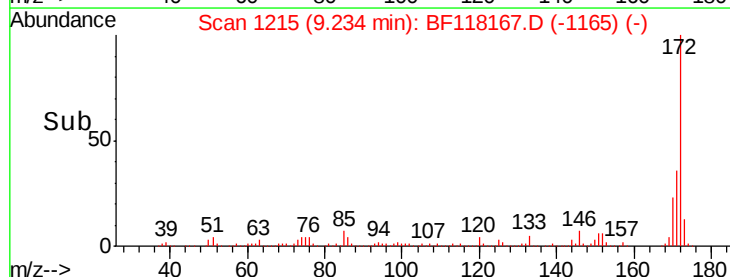
170 23.4 19.4 29.2

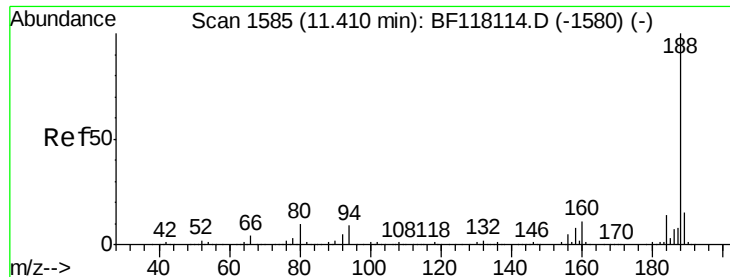


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

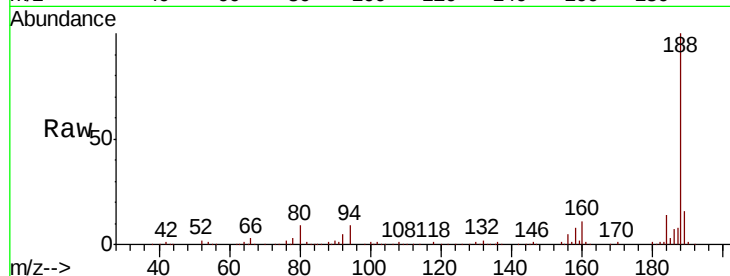




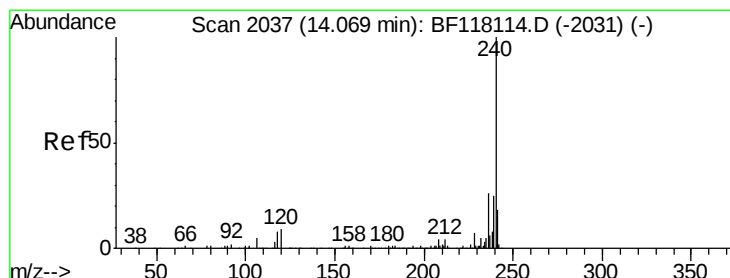
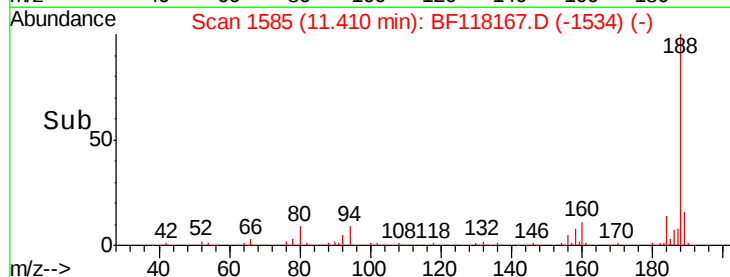
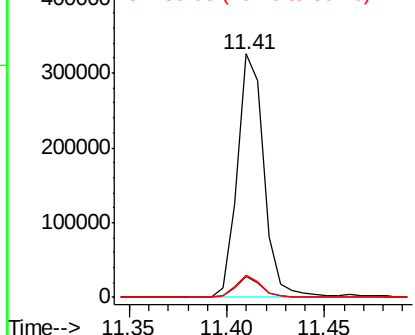
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118167.D
Acq: 10 Dec 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SU-02-120619

Tot Ion:188 Resp: 308926
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.3 7.9 11.9

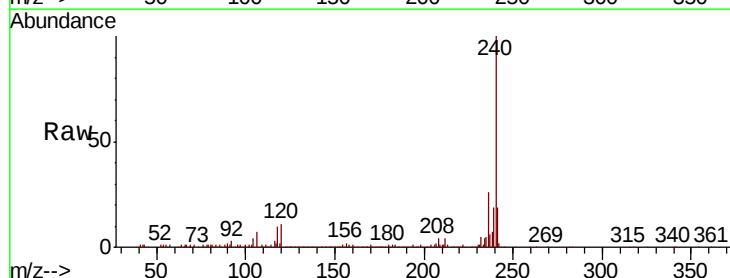


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

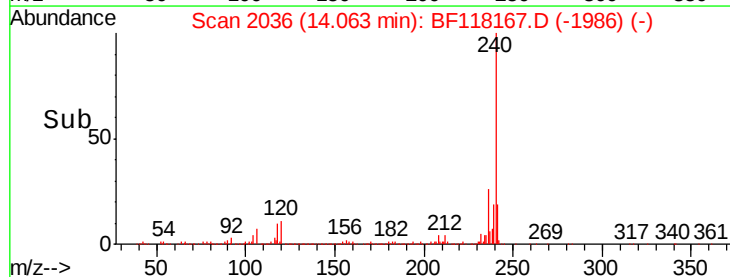
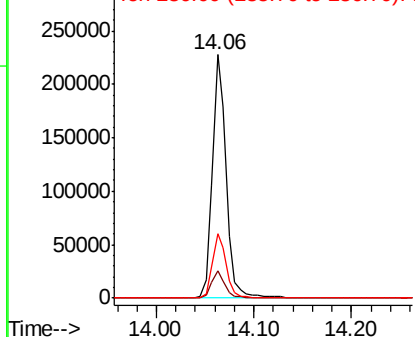


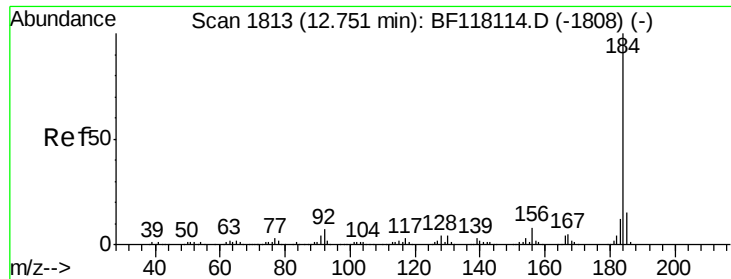
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118167.D
Acq: 10 Dec 2019 17:09

Tgt Ion:240 Resp: 223607
Ion Ratio Lower Upper
240 100
120 11.1 7.1 10.7#
236 26.5 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





#77

Benzidine

Concen: 29.344 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118167.D

Acq: 10 Dec 2019 17:09

Instrument :

BNA_F

ClientSampleId :

SU-02-120619

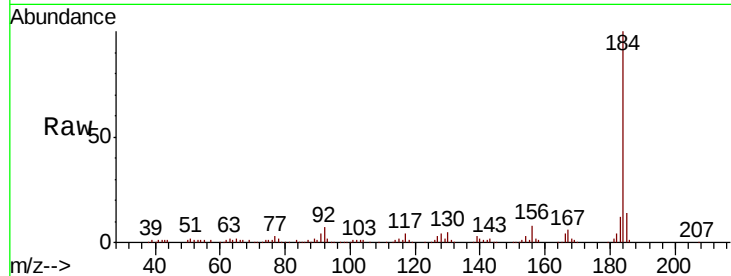
Tot Ion:184 Resp: 172736

Ion Ratio Lower Upper

184 100

185 13.8 12.3 18.5

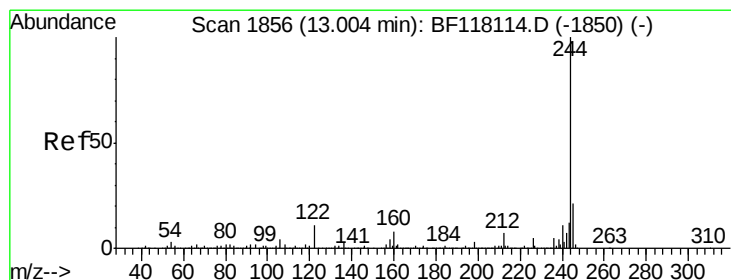
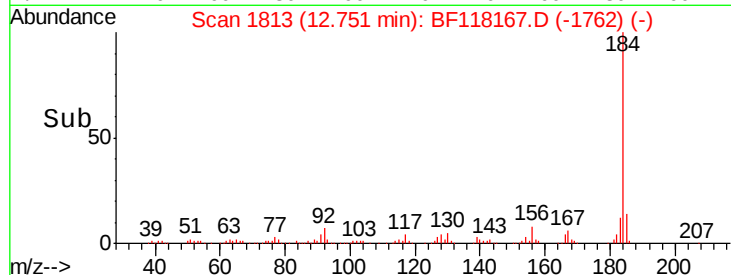
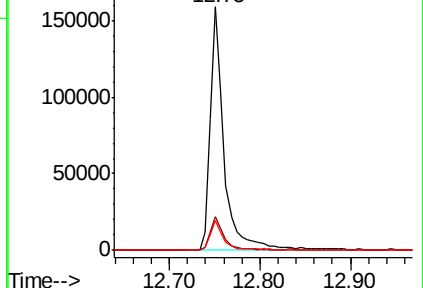
183 12.1 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 84.516 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118167.D

Acq: 10 Dec 2019 17:09

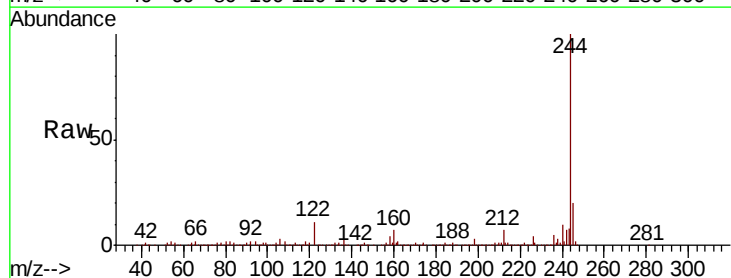
Tgt Ion:244 Resp: 1098985

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

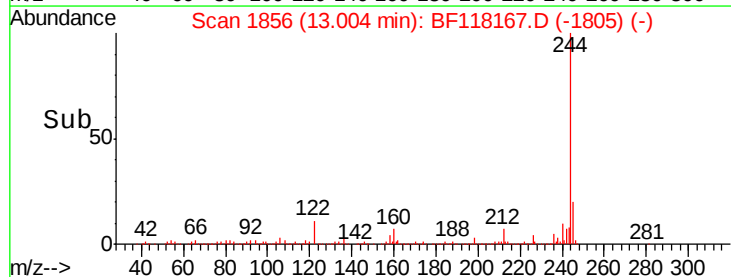
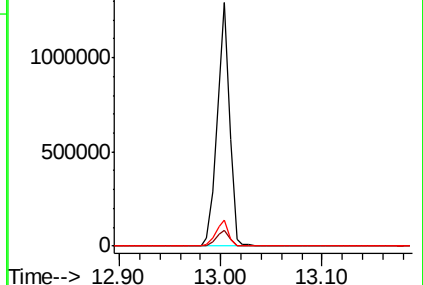
122 10.8 9.0 13.6

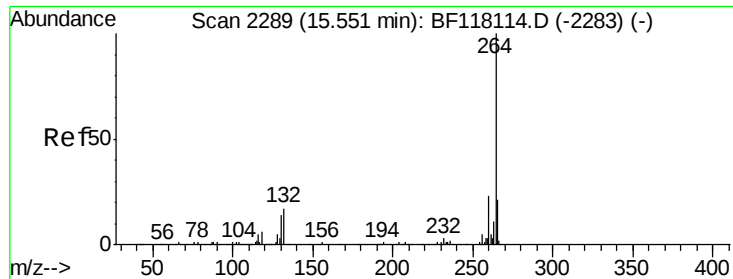


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

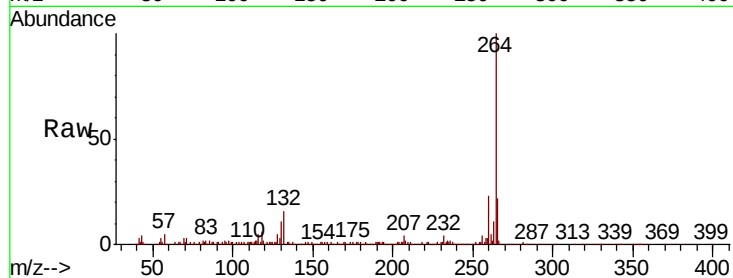




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF118167.D
Acq: 10 Dec 2019 17:09

Instrument :
BNA_F
ClientSampleId :
SU-02-120619

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.3	18.6	28.0	
265	21.6	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

