

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118192.D
 Acq On : 13 Dec 2019 18:03
 Operator : JU
 Sample : K6265-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

Quant Time: Dec 13 23:37:01 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

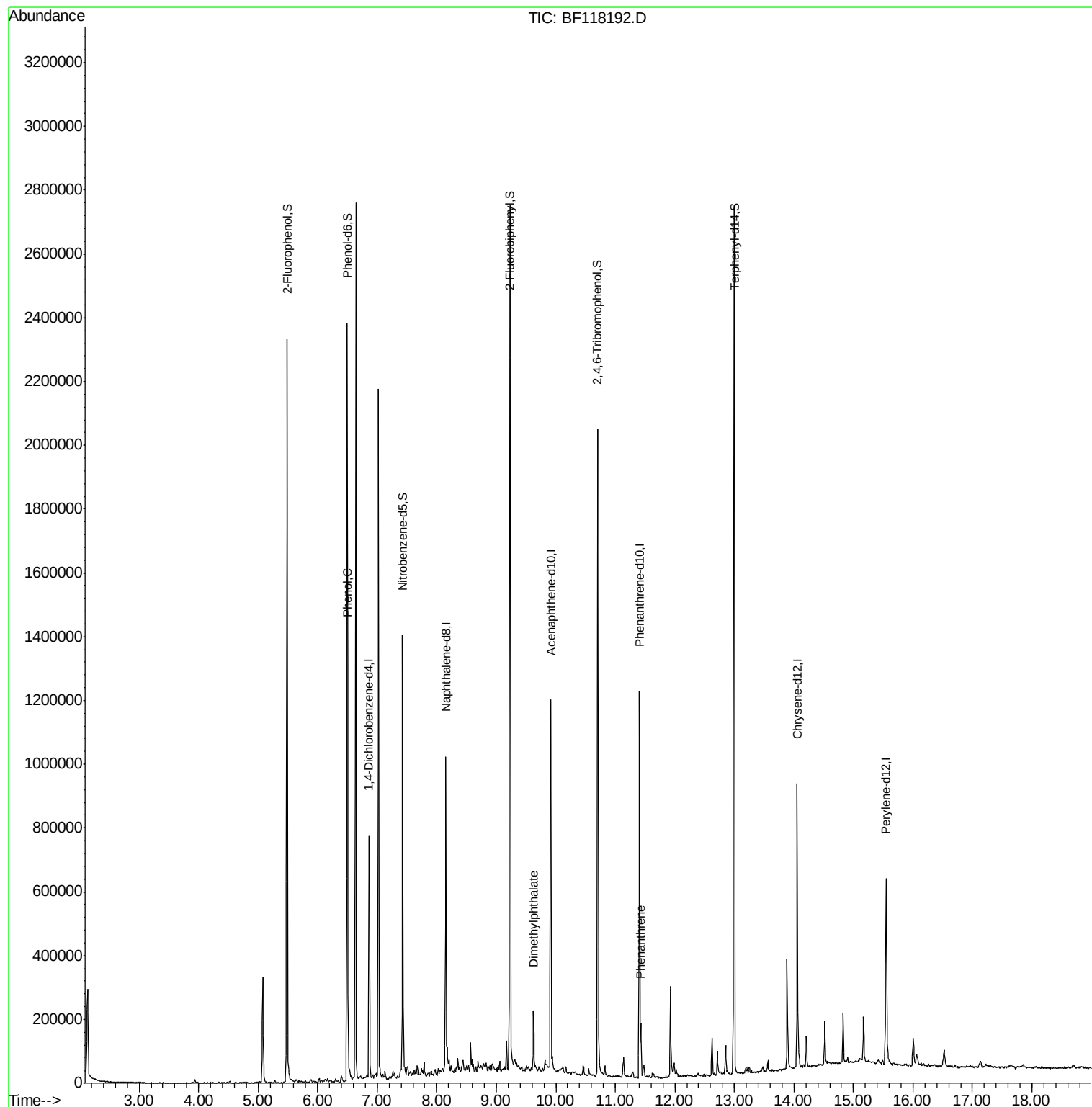
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119667	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	467536	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	243083	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	460714	20.00	ng	0.00
76) Chrysene-d12	14.06	240	289507	20.00	ng	-0.01
87) Perylene-d12	15.55	264	270263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	645747	94.51	ng	0.00
7) Phenol-d6	6.50	99	812697	98.34	ng	0.00
23) Nitrobenzene-d5	7.43	82	474056	57.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	263976	89.39	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	862217	53.97	ng	-0.01
79) Terphenyl-d14	13.00	244	991028	58.87	ng	0.00
Target Compounds						
10) Phenol	6.51	94	26224	2.783	ng	96
50) Dimethylphthalate	9.63	163	44808	2.496	ng	99
71) Phenanthrene	11.43	178	52206	2.132	ng	98

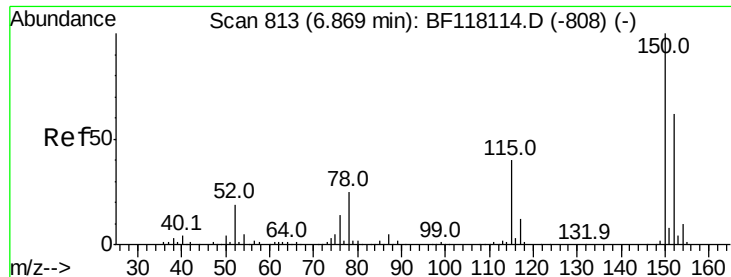
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118192.D
Acq On : 13 Dec 2019 18:03
Operator : JU
Sample : K6265-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1A-D

Quant Time: Dec 13 23:37:01 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



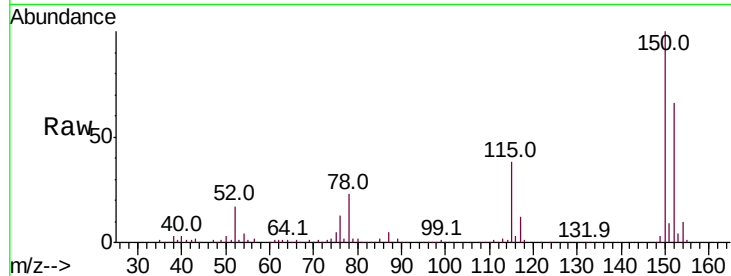


#1

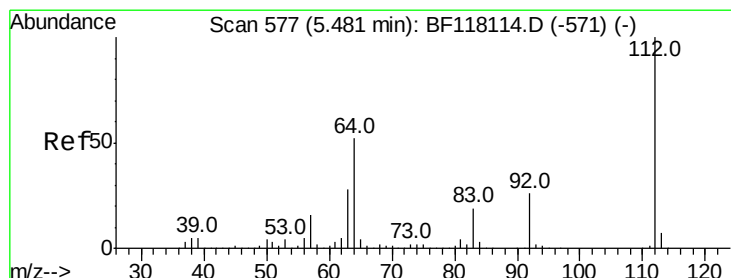
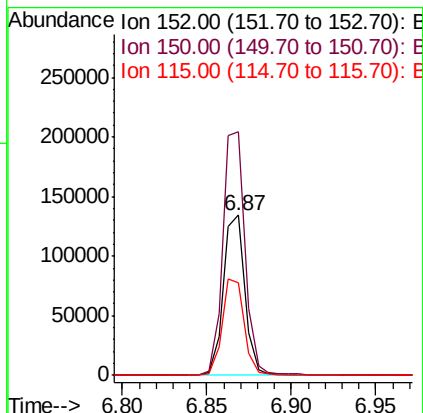
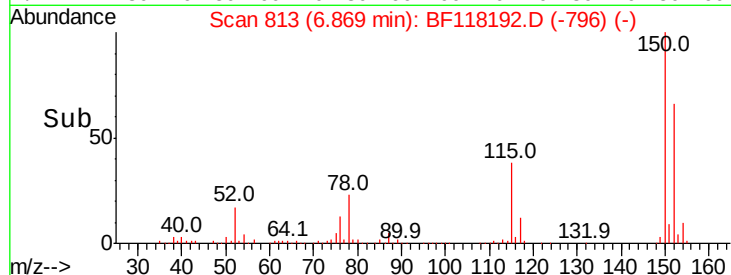
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118192.D
Acq: 13 Dec 2019 18:03

Instrument :
BNA_F
ClientSampleId :
TP-1A-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	128.3	192.5
115	57.9	51.1	76.7



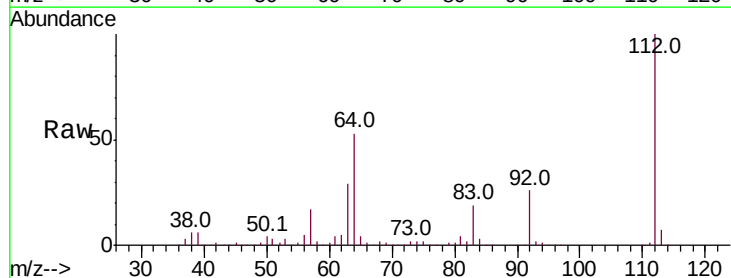
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



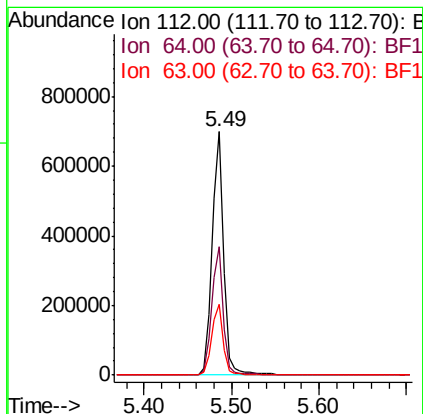
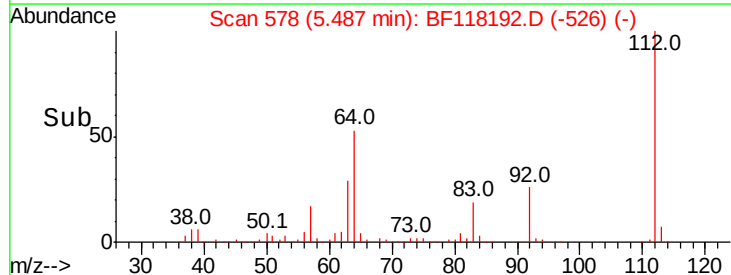
#5

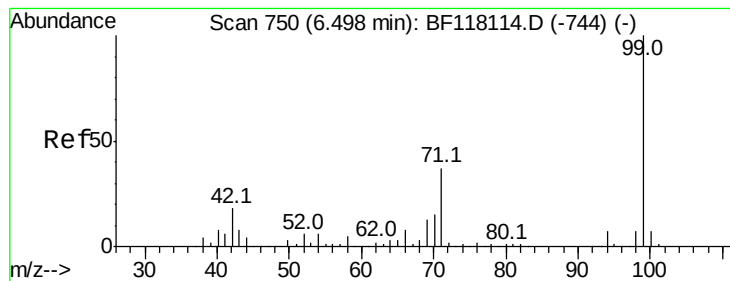
2-Fluorophenol
Concen: 94.513 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118192.D
Acq: 13 Dec 2019 18:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	41.3	61.9
63	29.0	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: 98.342 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118192.D

Acq: 13 Dec 2019 18:03

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

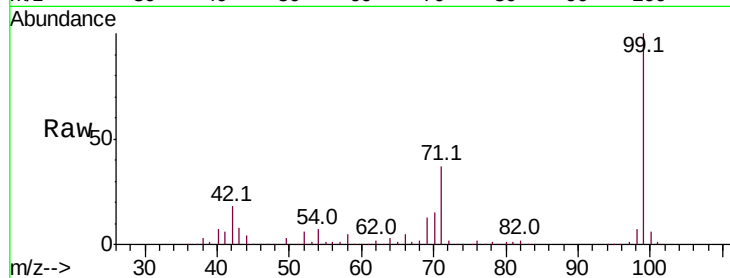
Tot Ion: 99 Resp: 812697

Ion Ratio Lower Upper

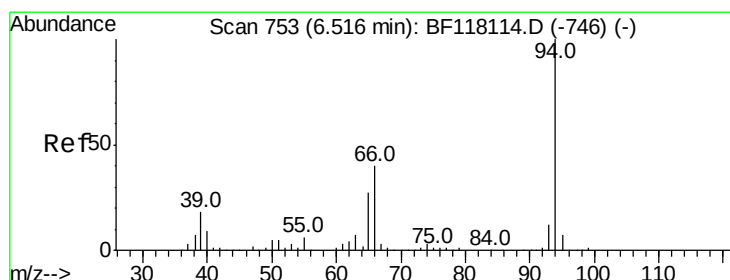
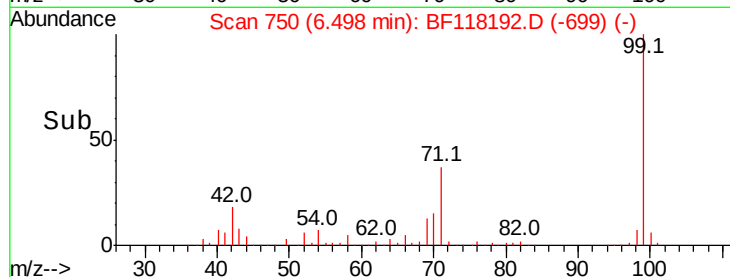
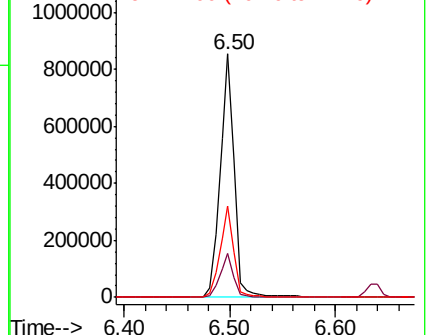
99 100

42 18.1 14.1 21.1

71 37.3 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



#10

Phenol

Concen: 2.783 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118192.D

Acq: 13 Dec 2019 18:03

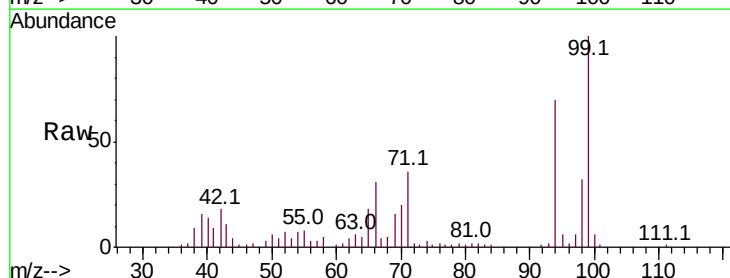
Tgt Ion: 94 Resp: 26224

Ion Ratio Lower Upper

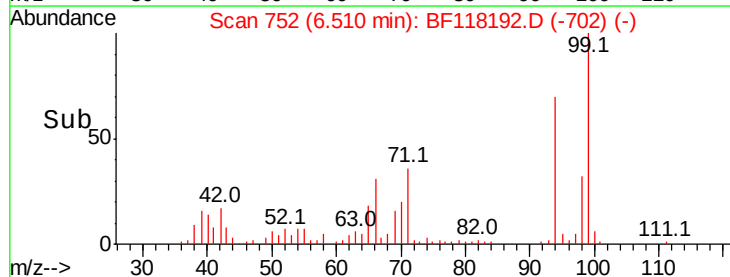
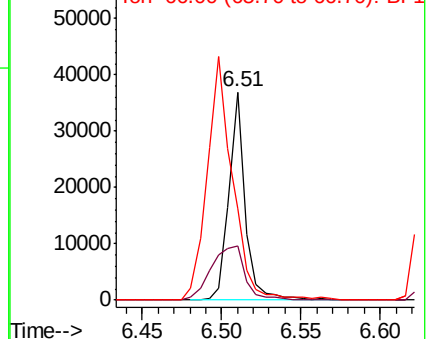
94 100

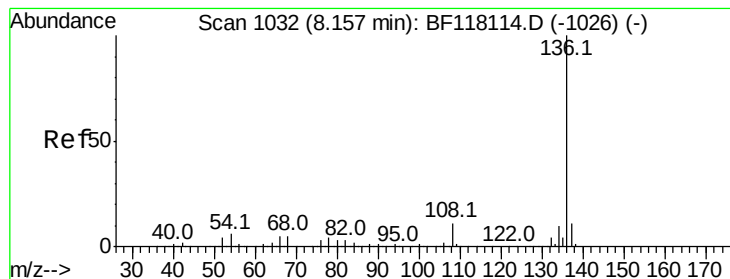
65 26.1 7.3 47.3

66 43.6 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118192.D

Acq: 13 Dec 2019 18:03

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

Tot Ion:136 Resp: 467536

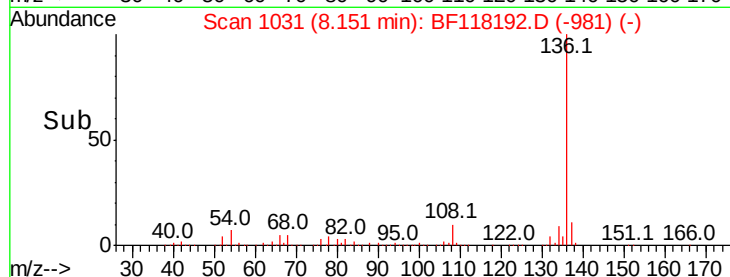
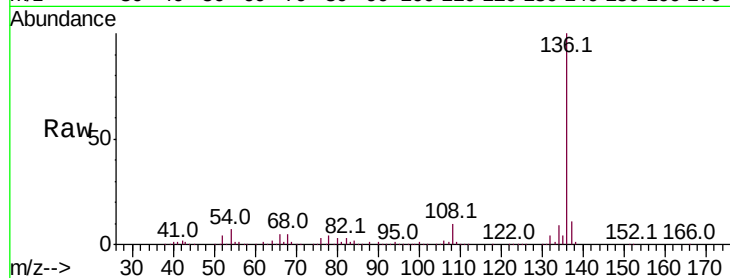
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.7 5.0 7.6

68 4.6 3.8 5.8

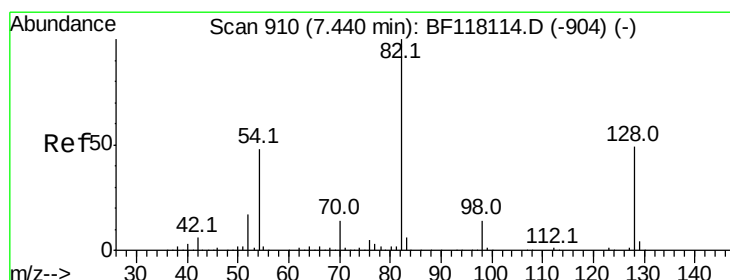
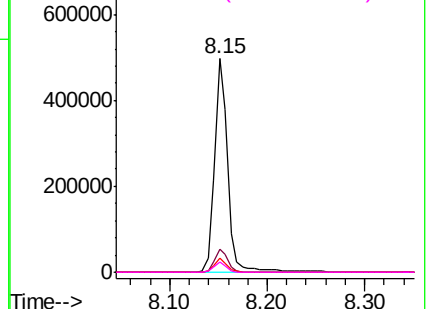


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.042 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118192.D

Acq: 13 Dec 2019 18:03

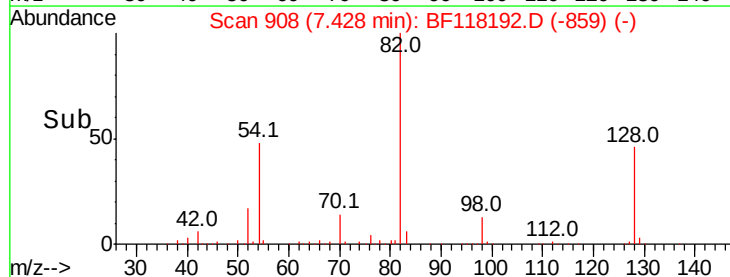
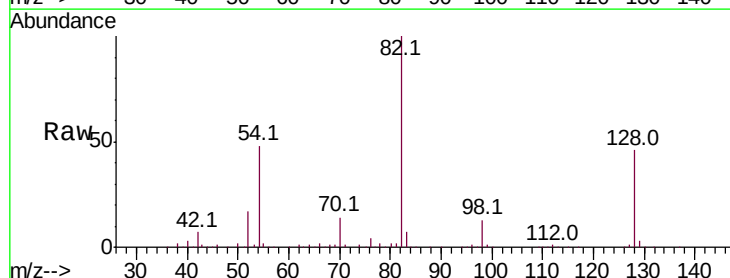
Tgt Ion: 82 Resp: 474056

Ion Ratio Lower Upper

82 100

128 46.0 39.1 58.7

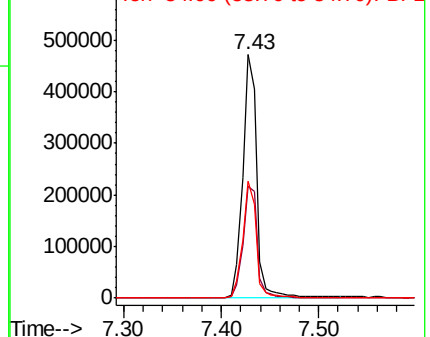
54 48.1 38.2 57.2

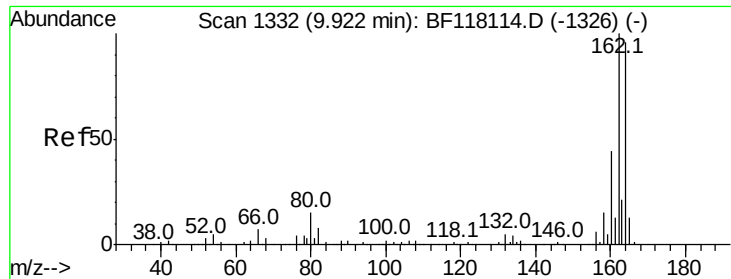


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

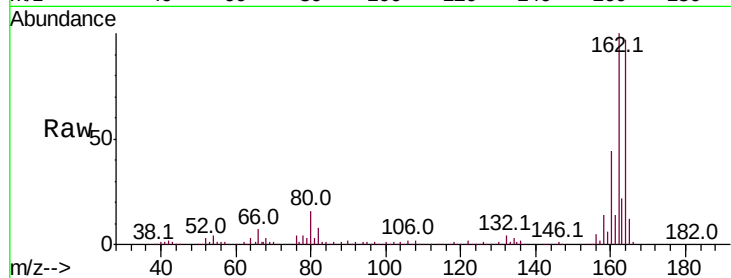




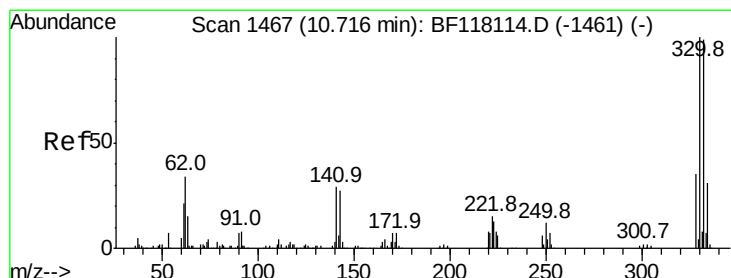
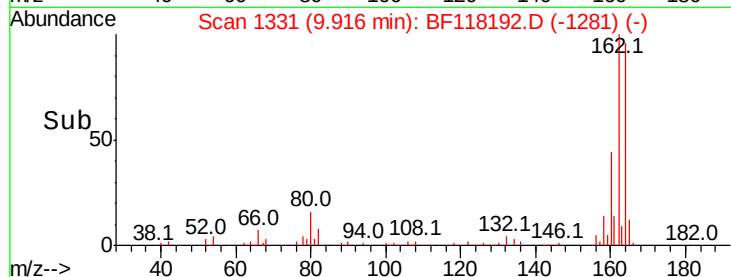
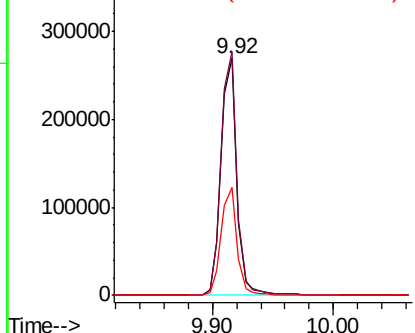
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118192.D
 Acq: 13 Dec 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-D

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.4	125.0
160	45.5	36.6	54.8

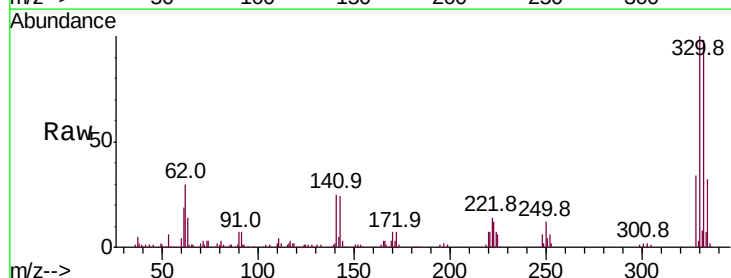


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

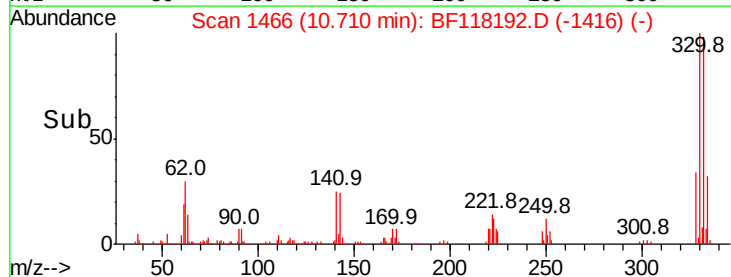
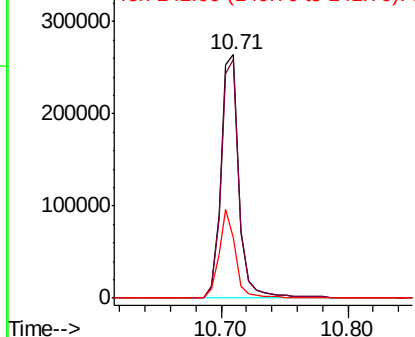


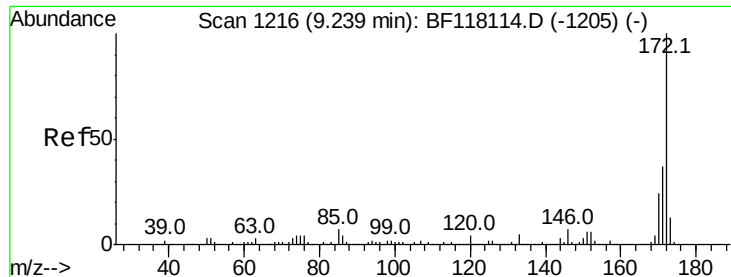
#42
 2,4,6-Tribromophenol
 Concen: 89.392 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118192.D
 Acq: 13 Dec 2019 18:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	33.7	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

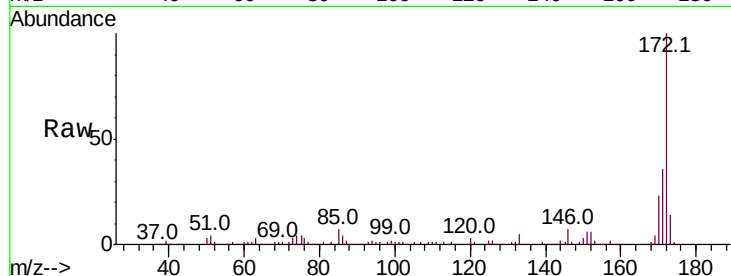




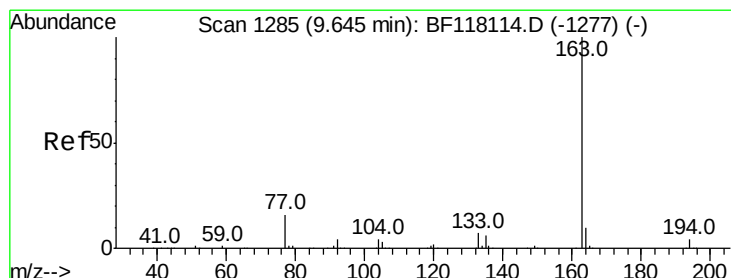
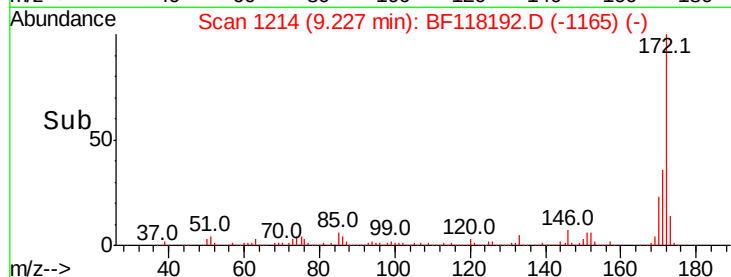
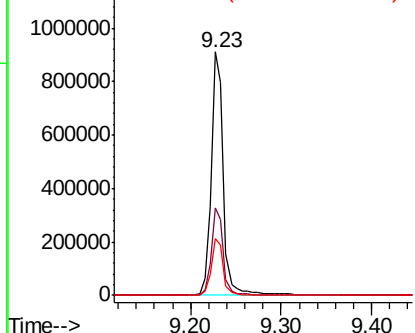
#45
2-Fluorobiphenyl
Concen: 53.973 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118192.D
Acq: 13 Dec 2019 18:03

Instrument :
BNA_F
ClientSampleId :
TP-1A-D

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.4	19.4	29.2

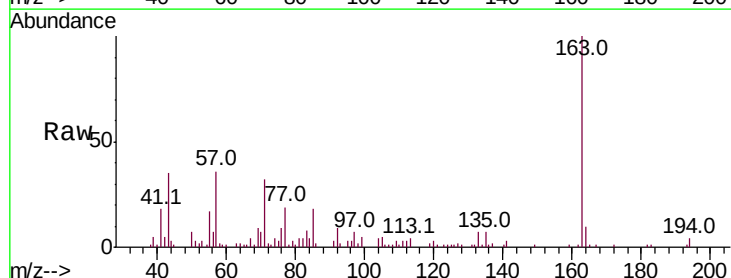


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

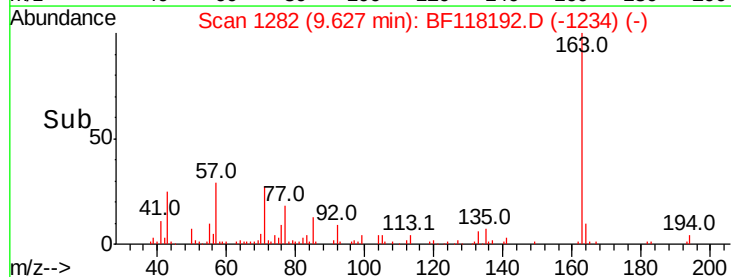
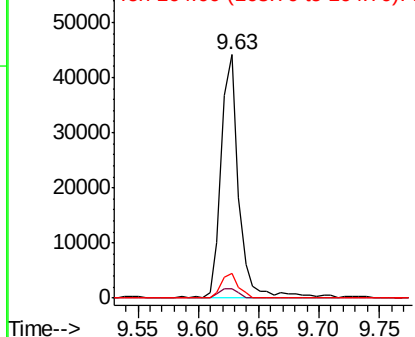


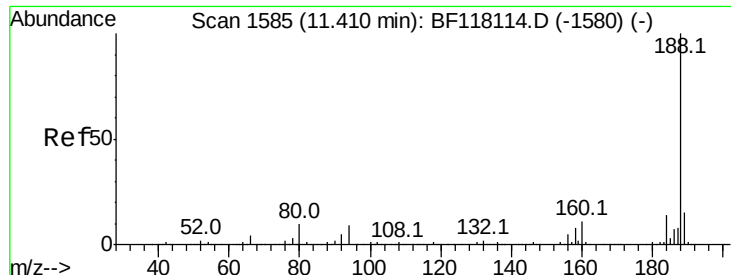
#50
Dimethylphthalate
Concen: 2.496 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118192.D
Acq: 13 Dec 2019 18:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.2	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

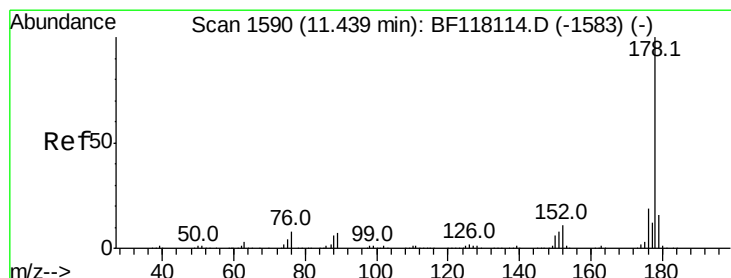
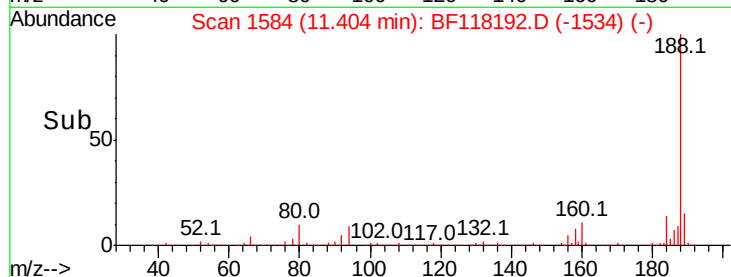
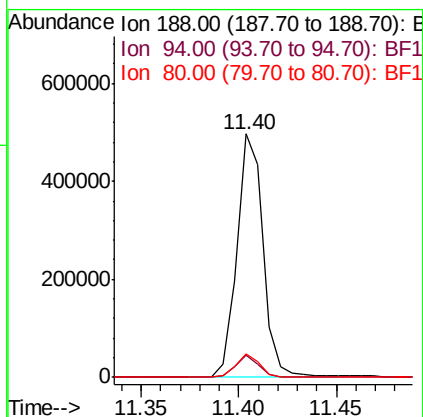
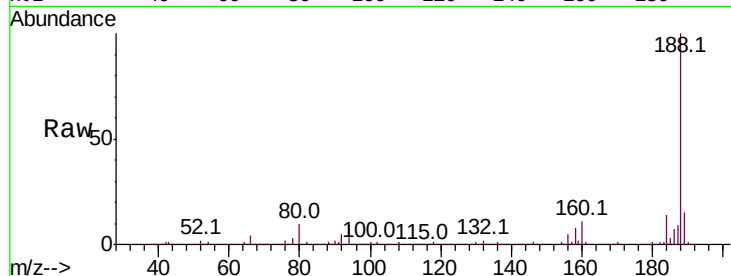




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118192.D
Acq: 13 Dec 2019 18:03

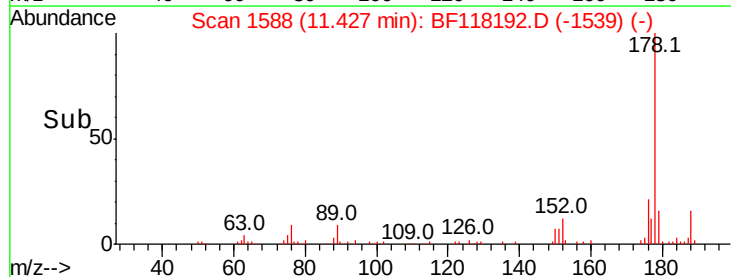
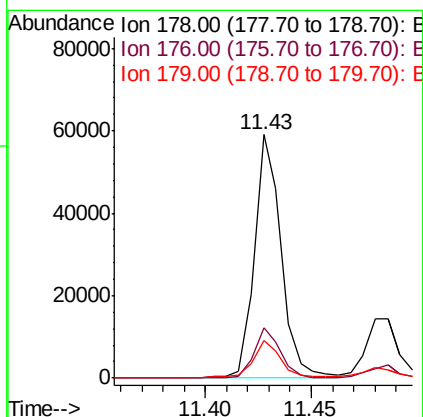
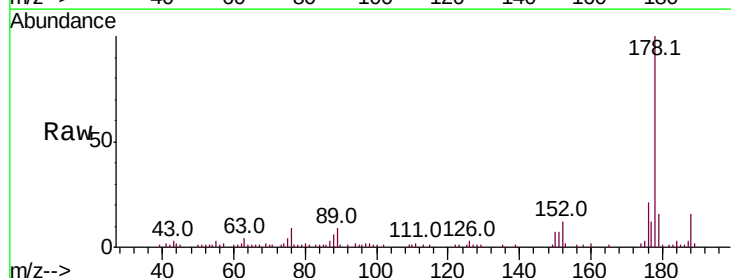
Instrument :
BNA_F
ClientSampleId :
TP-1A-D

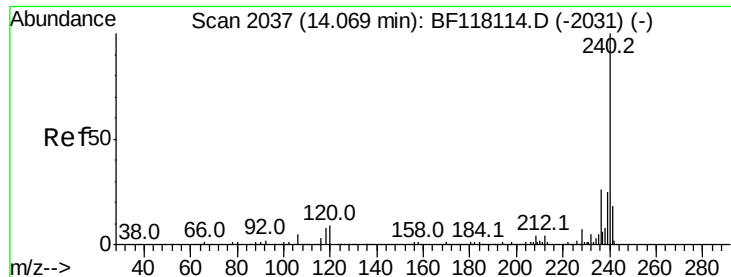
Tot Ion:188 Resp: 460714
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.7 7.9 11.9



#71
Phenanthrene
Concen: 2.132 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118192.D
Acq: 13 Dec 2019 18:03

Tgt Ion:178 Resp: 52206
Ion Ratio Lower Upper
178 100
176 20.9 15.5 23.3
179 15.6 12.6 18.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118192.D

Acq: 13 Dec 2019 18:03

Instrument :

BNA_F

ClientSampleId :

TP-1A-D

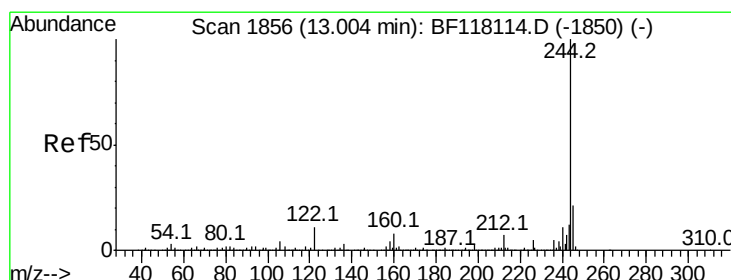
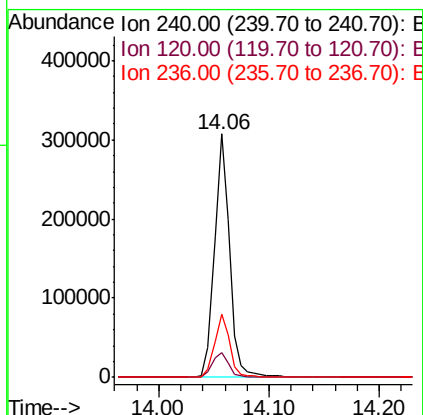
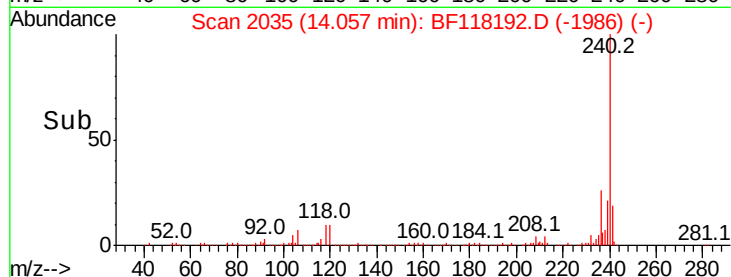
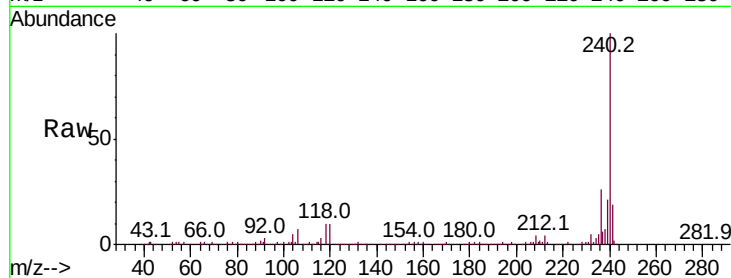
Tot Ion:240 Resp: 289507

Ion Ratio Lower Upper

240 100

120 10.1 7.1 10.7

236 25.7 21.0 31.6



#79

Terphenyl-d14

Concen: 58.866 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118192.D

Acq: 13 Dec 2019 18:03

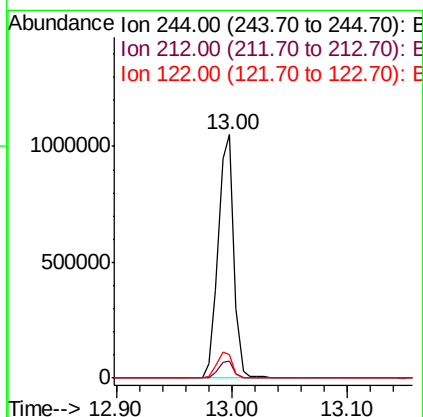
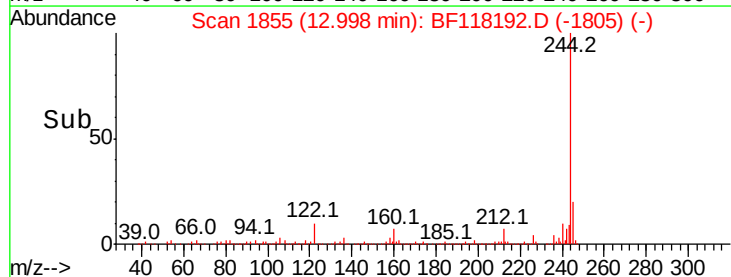
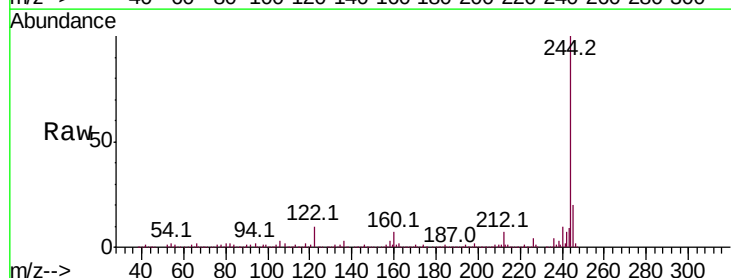
Tgt Ion:244 Resp: 991028

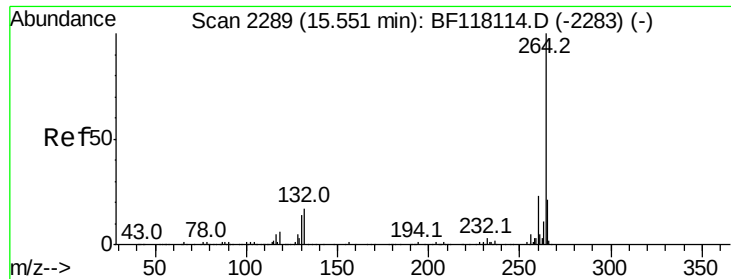
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 9.5 9.0 13.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118192.D
Acq: 13 Dec 2019 18:03

Instrument :
BNA_F
ClientSampleId :
TP-1A-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.0	16.8	25.2

