

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118191.D
 Acq On : 13 Dec 2019 17:35
 Operator : JU
 Sample : K6265-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-S

Quant Time: Dec 13 23:33:24 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

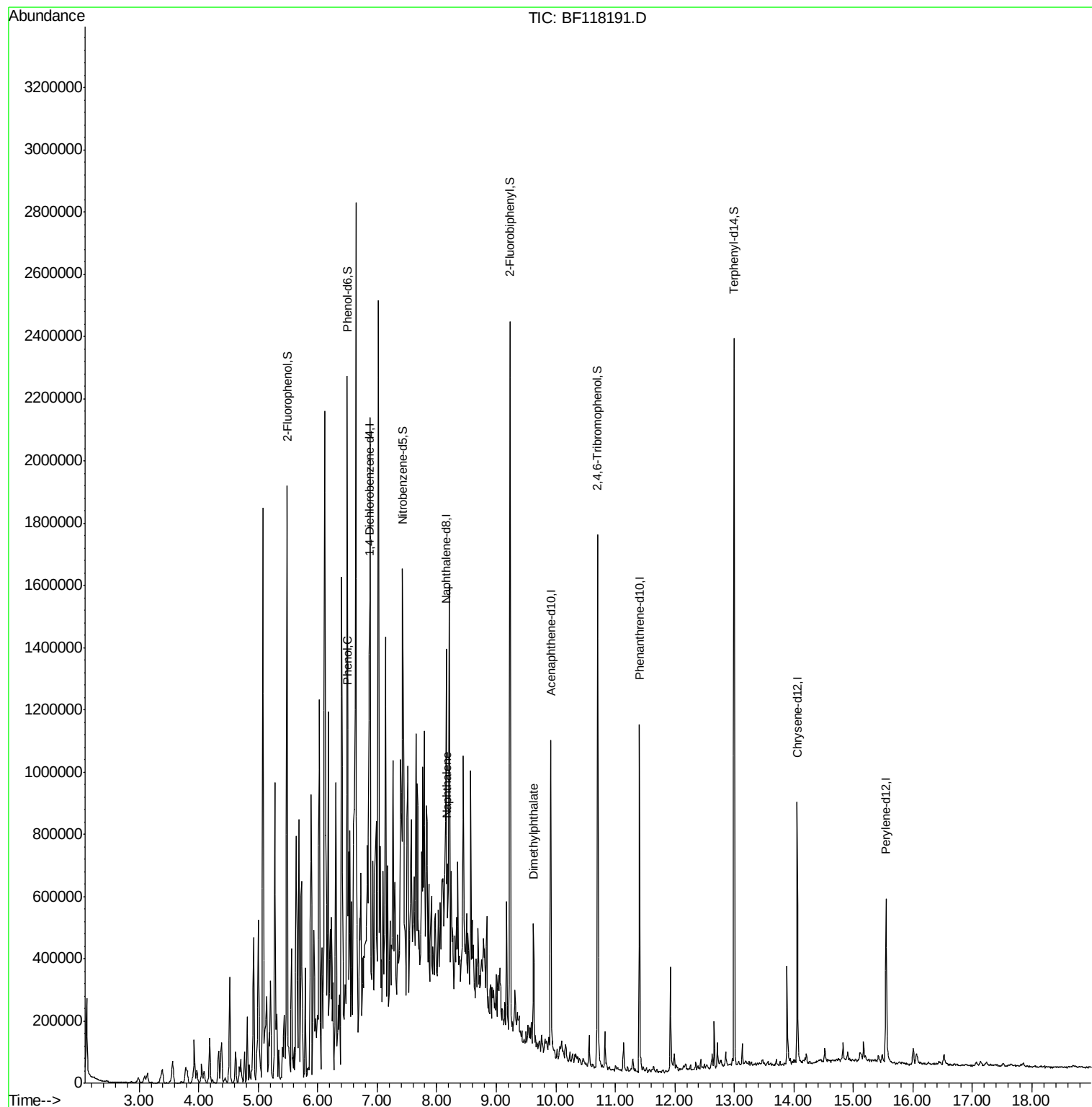
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	104329	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	410370	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	220642	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	410509	20.00	ng	0.00
76) Chrysene-d12	14.06	240	266668	20.00	ng	-0.01
87) Perylene-d12	15.55	264	251270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	529081	88.82	ng	0.00
7) Phenol-d6	6.50	99	660721	91.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	391254	53.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	213425	79.62	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	738237	50.91	ng	-0.01
79) Terphenyl-d14	13.00	244	838780	54.09	ng	0.00
Target Compounds						
10) Phenol	6.51	94	25241	3.072	ng	86
31) Naphthalene	8.17	128	84849	4.117	ng	99
50) Dimethylphthalate	9.62	163	49759	3.053	ng	# 97

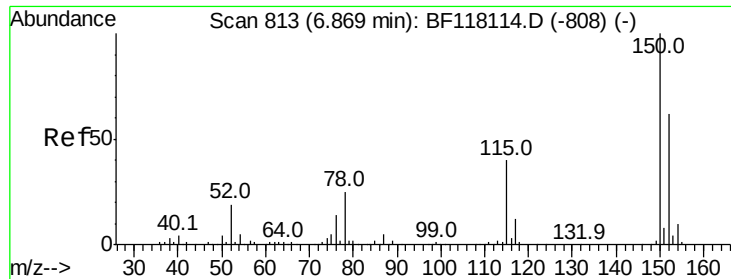
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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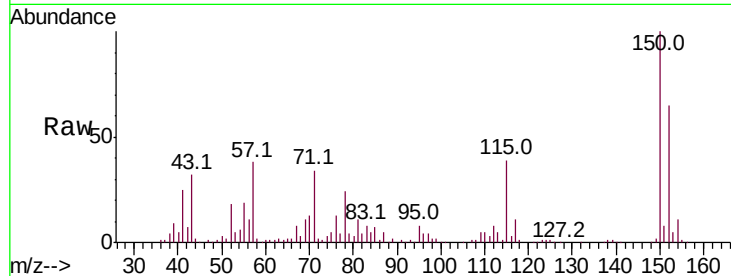


#1

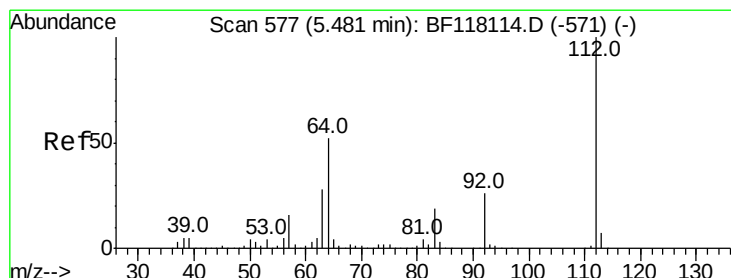
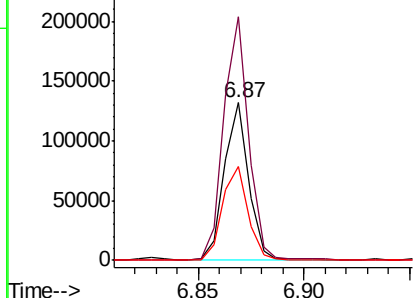
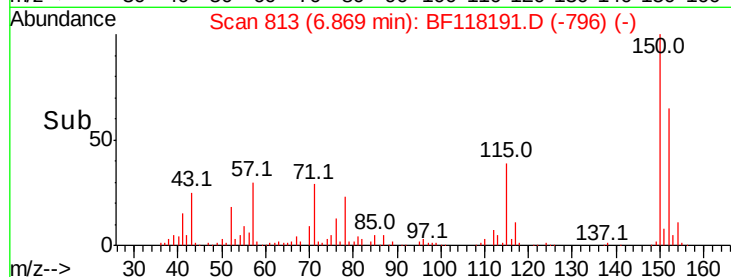
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118191.D
Acq: 13 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-1A-S

Tot Ion:152 Resp: 104329
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 59.6 51.1 76.7



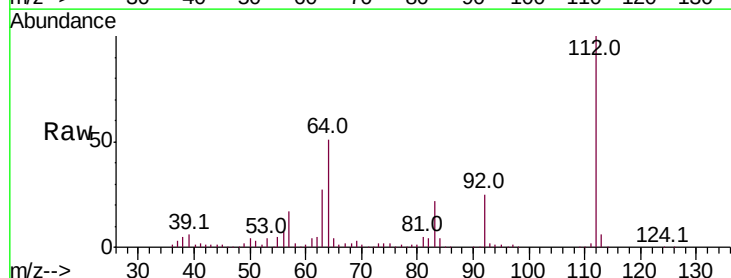
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



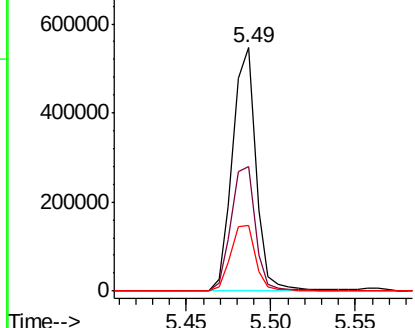
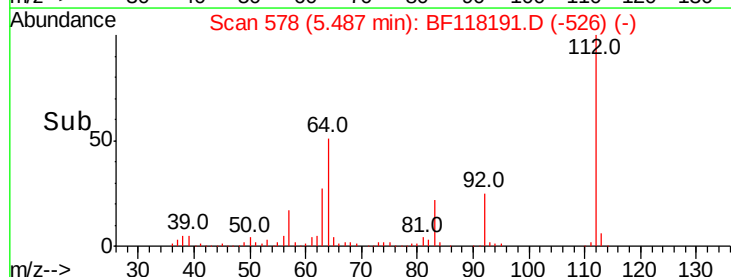
#5

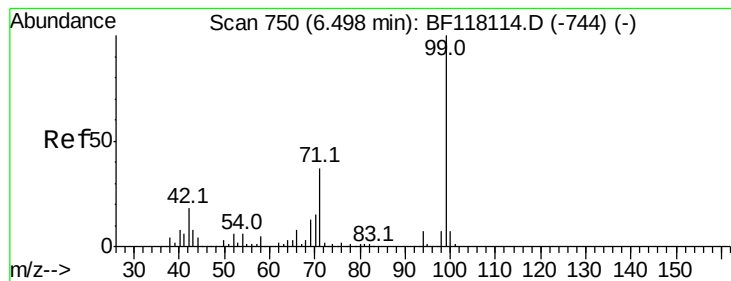
2-Fluorophenol
Concen: 88.822 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118191.D
Acq: 13 Dec 2019 17:35

Tgt Ion:112 Resp: 529081
Ion Ratio Lower Upper
112 100
64 51.1 41.3 61.9
63 27.2 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: 91.706 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118191.D

Acq: 13 Dec 2019 17:35

Instrument :

BNA_F

ClientSampled :

TP-1A-S

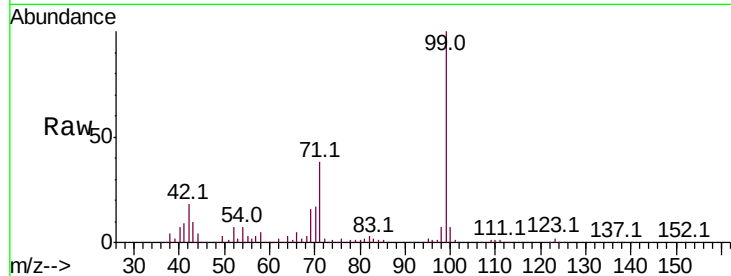
Tot Ion: 99 Resp: 660721

Ion Ratio Lower Upper

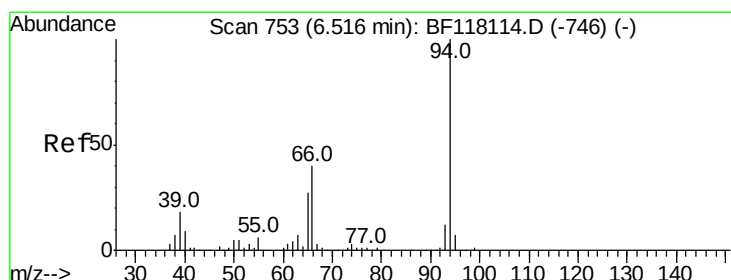
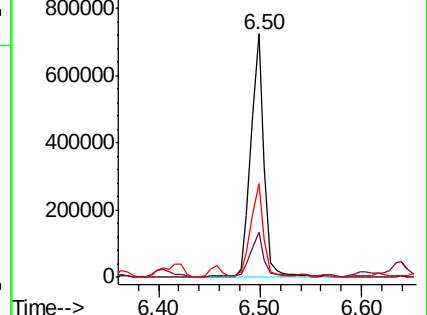
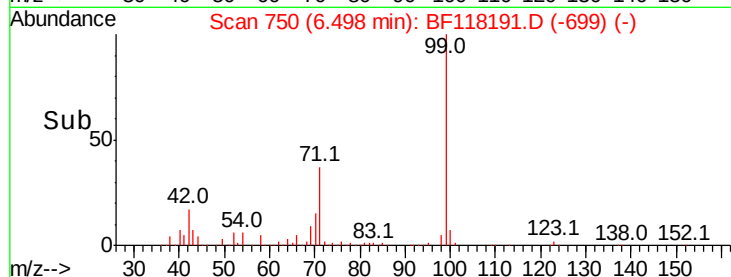
99 100

42 18.4 14.1 21.1

71 38.4 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: 3.072 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118191.D

Acq: 13 Dec 2019 17:35

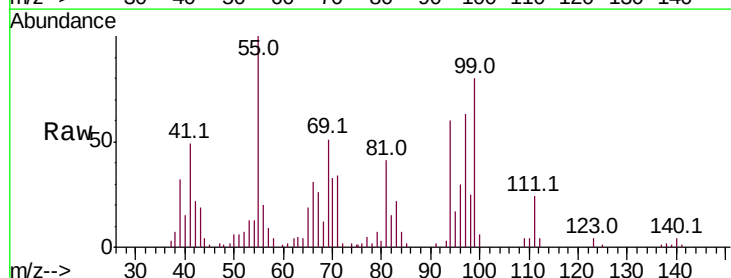
Tgt Ion: 94 Resp: 25241

Ion Ratio Lower Upper

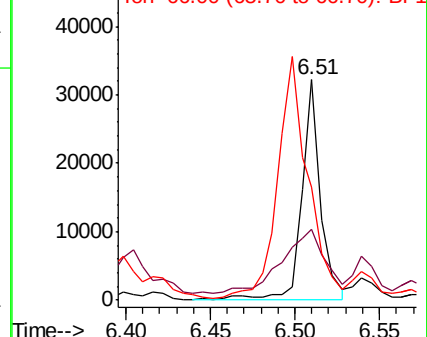
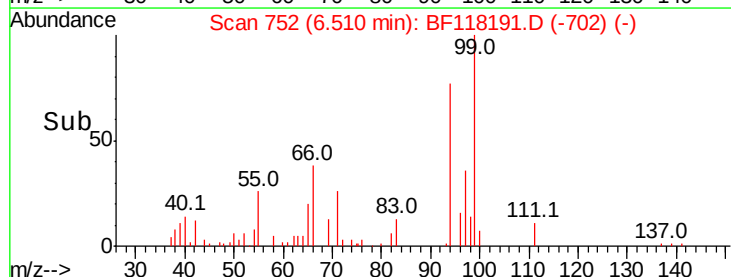
94 100

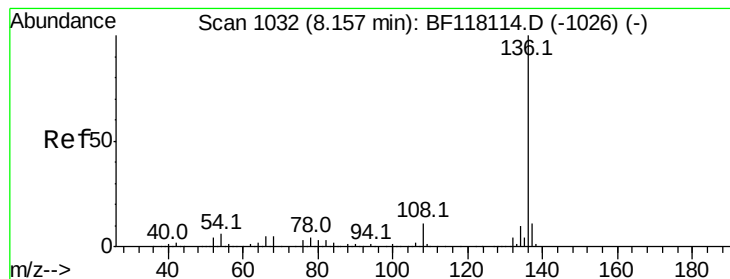
65 32.0 7.3 47.3

66 51.4 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: BF118191.D

Acq: 13 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

TP-1A-S

Tot Ion:136 Resp: 410370

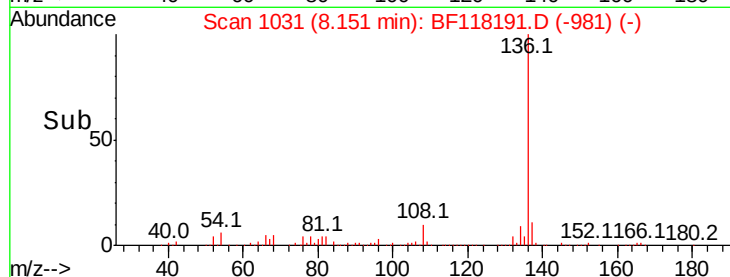
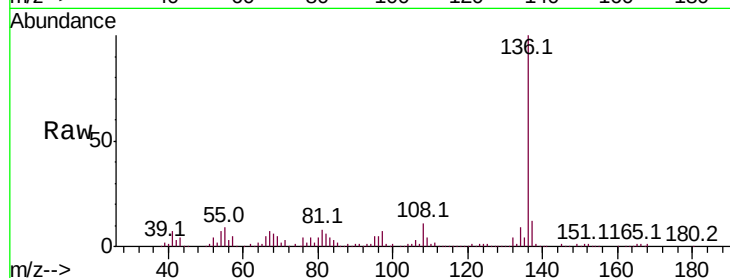
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 7.4 5.0 7.6

68 6.4 3.8 5.8#

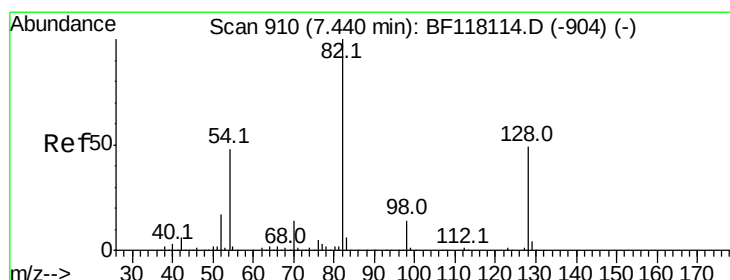
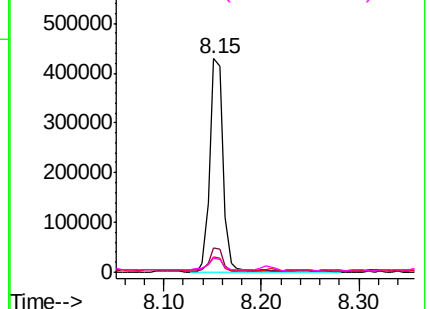


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.637 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118191.D

Acq: 13 Dec 2019 17:35

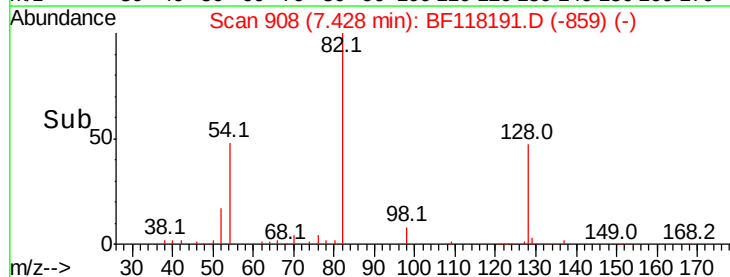
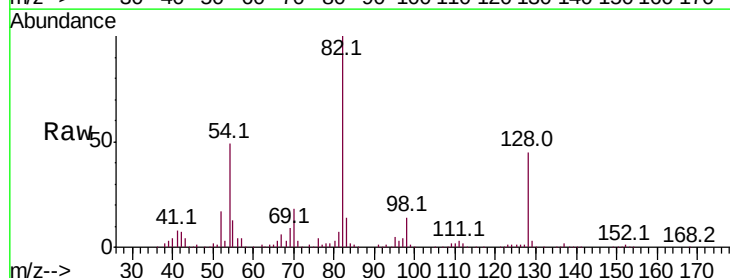
Tgt Ion: 82 Resp: 391254

Ion Ratio Lower Upper

82 100

128 45.2 39.1 58.7

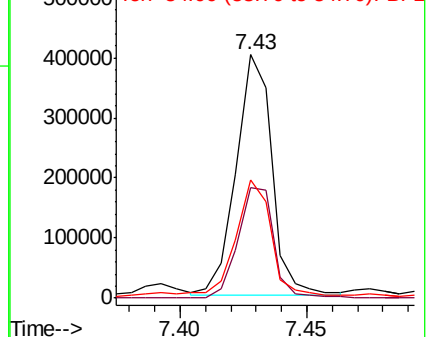
54 48.7 38.2 57.2

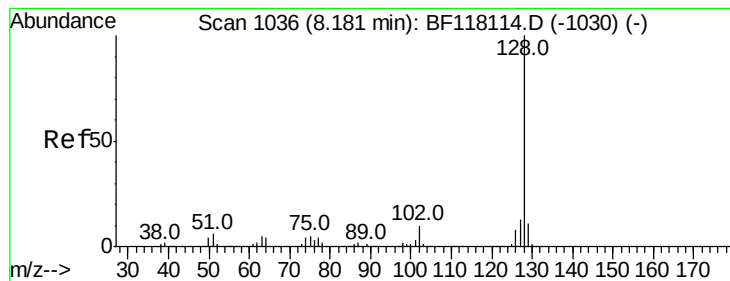


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 4.117 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118191.D

Acq: 13 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

TP-1A-S

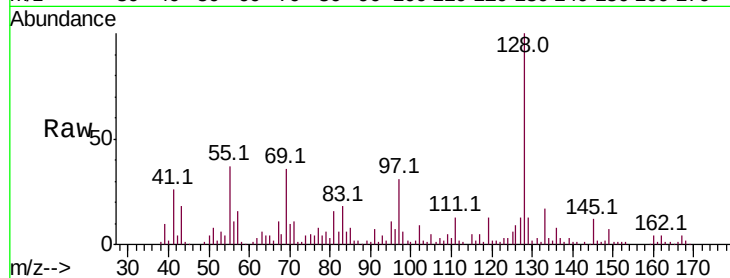
Tot Ion:128 Resp: 84849

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

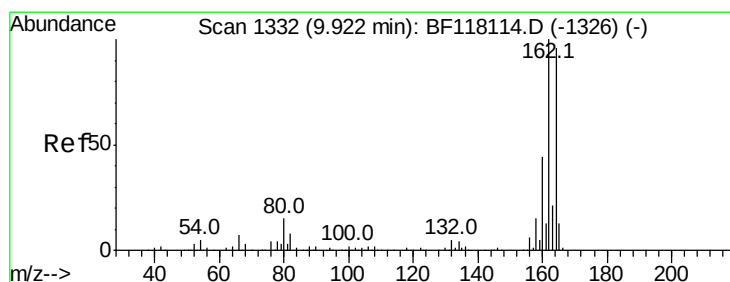
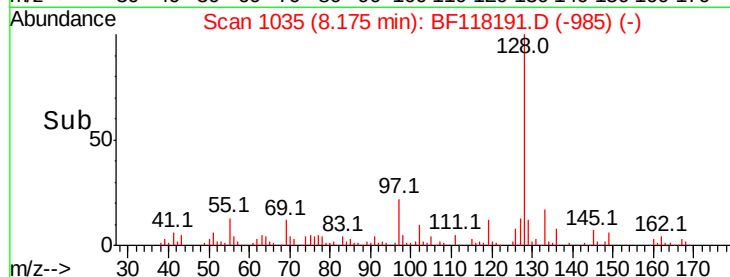
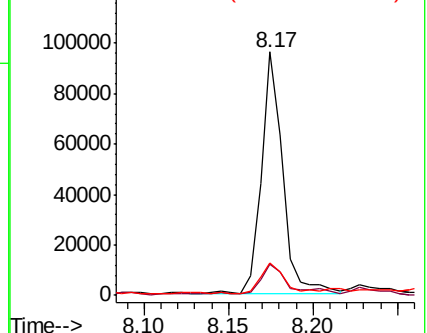
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118191.D

Acq: 13 Dec 2019 17:35

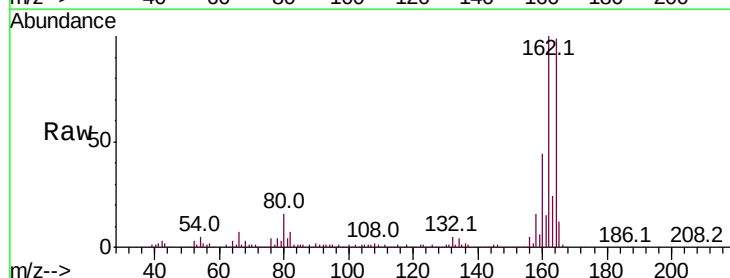
Tgt Ion:164 Resp: 220642

Ion Ratio Lower Upper

164 100

162 101.1 83.4 125.0

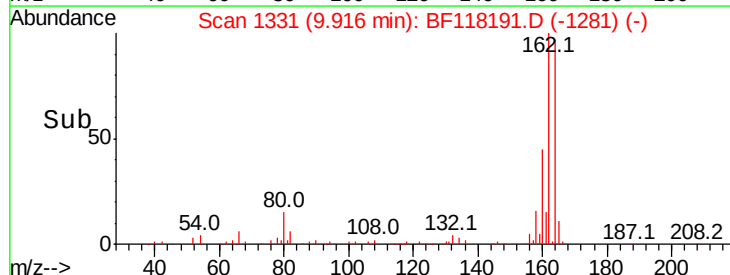
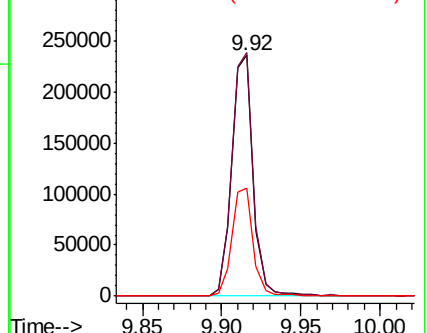
160 44.9 36.6 54.8

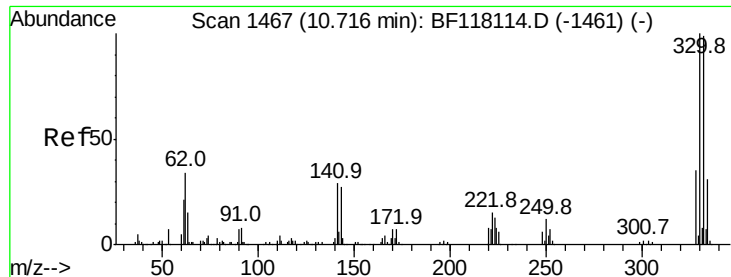


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

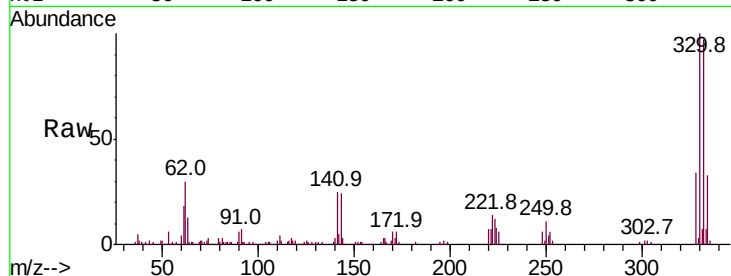




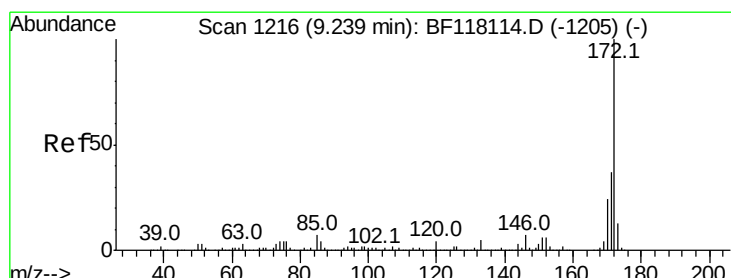
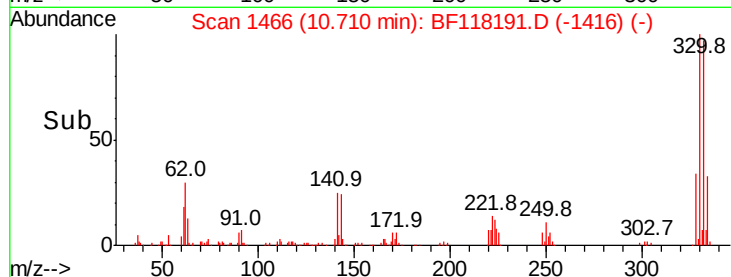
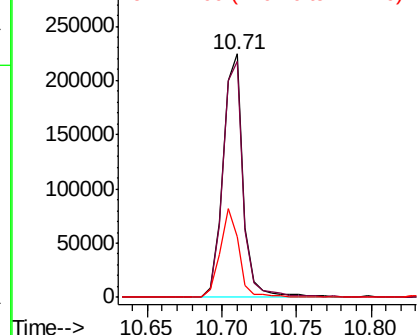
#42
 2,4,6-Tribromophenol
 Concen: 79.624 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118191.D
 Acq: 13 Dec 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.1	117.1
141	35.2	26.9	40.3

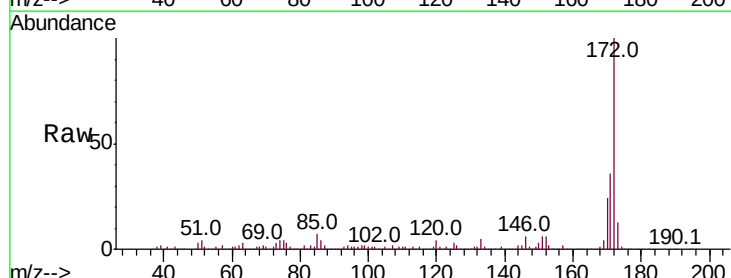


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

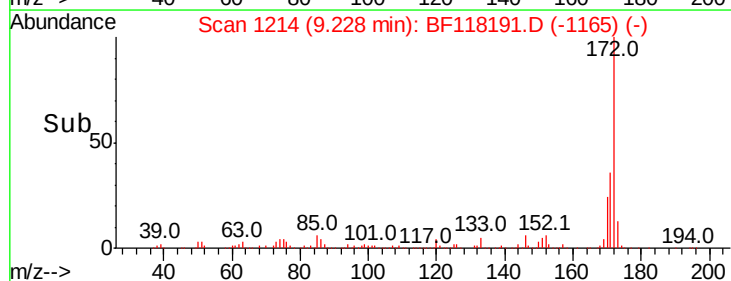
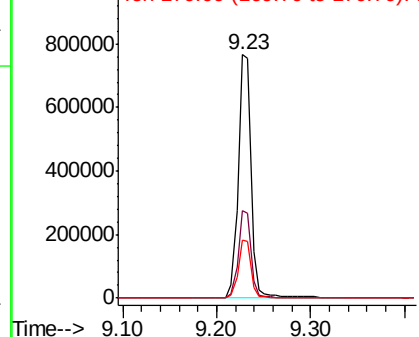


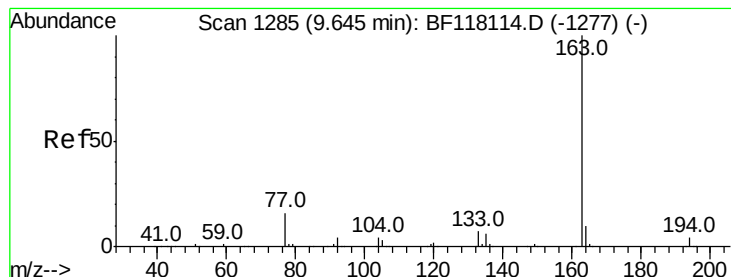
#45
 2-Fluorobiphenyl
 Concen: 50.912 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118191.D
 Acq: 13 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.6	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: 3.053 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118191.D

Acq: 13 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

TP-1A-S

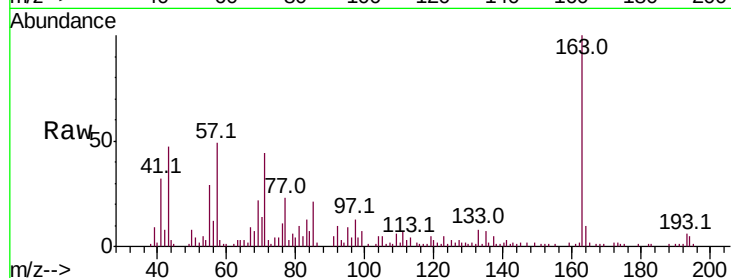
Tot Ion:163 Resp: 49759

Ion Ratio Lower Upper

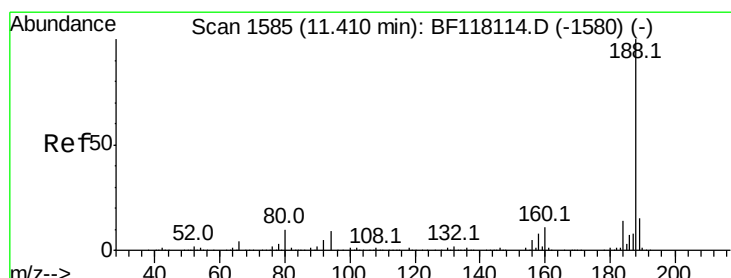
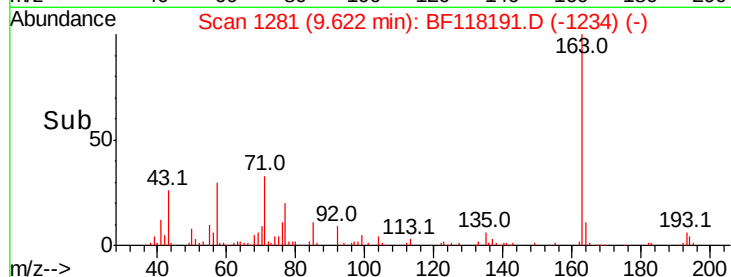
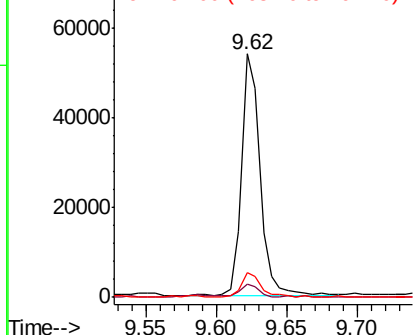
163 100

194 5.4 3.1 4.7#

164 10.3 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: BF118191.D

Acq: 13 Dec 2019 17:35

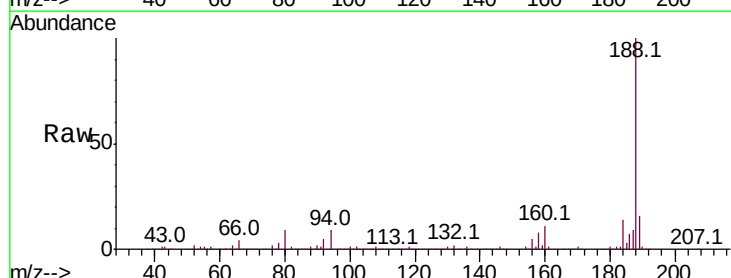
Tgt Ion:188 Resp: 410509

Ion Ratio Lower Upper

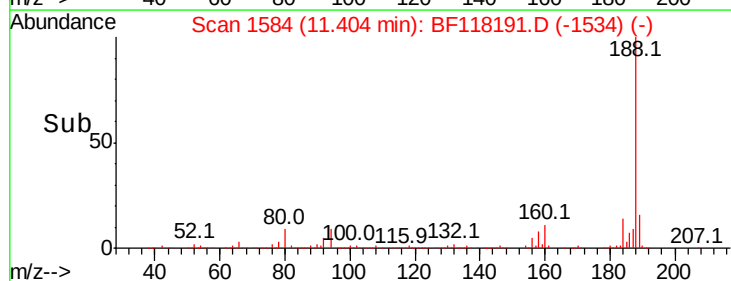
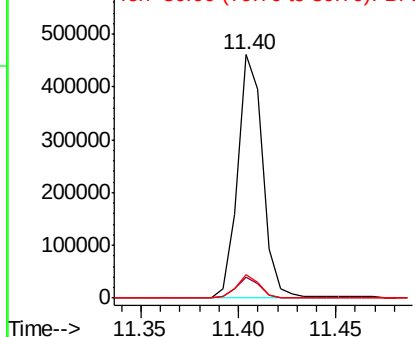
188 100

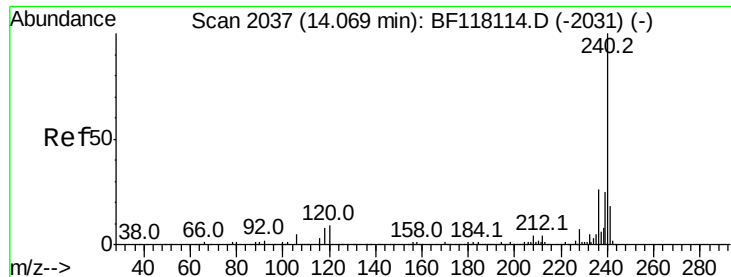
94 8.7 7.1 10.7

80 9.4 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

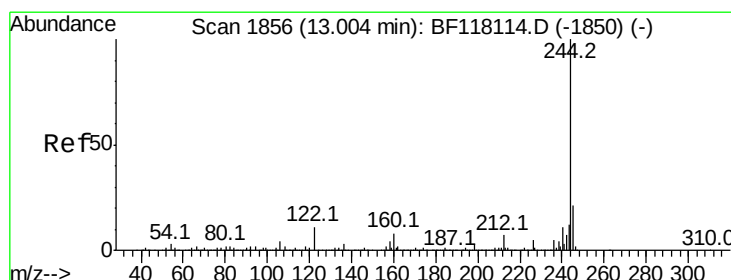
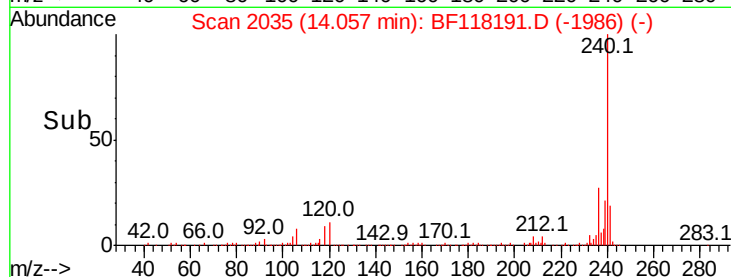
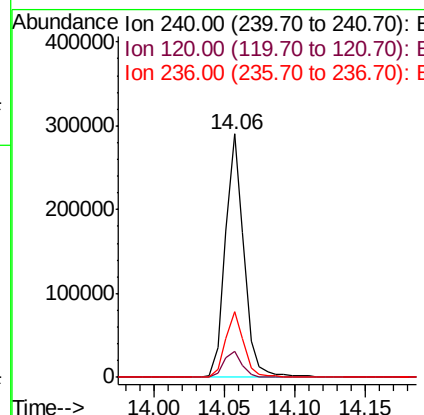
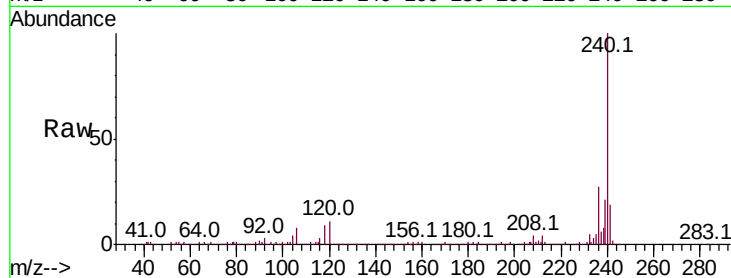




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118191.D
 Acq: 13 Dec 2019 17:35

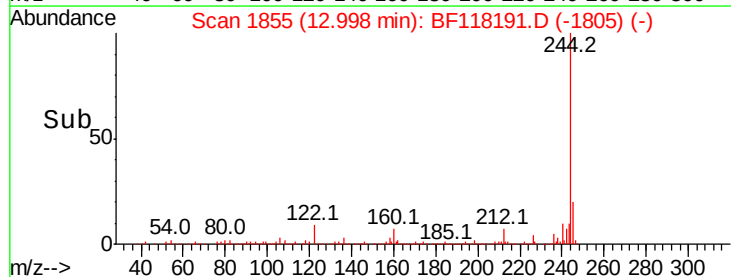
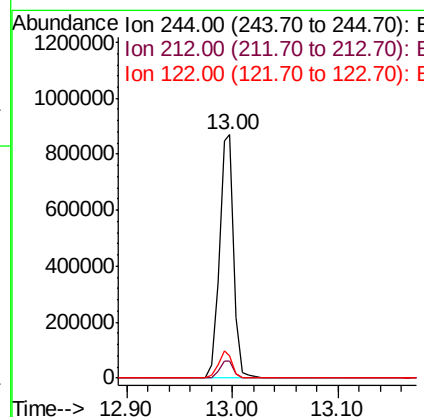
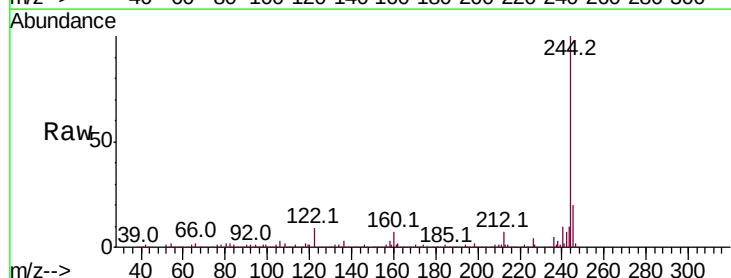
Instrument :
 BNA_F
 ClientSampleId :
 TP-1A-S

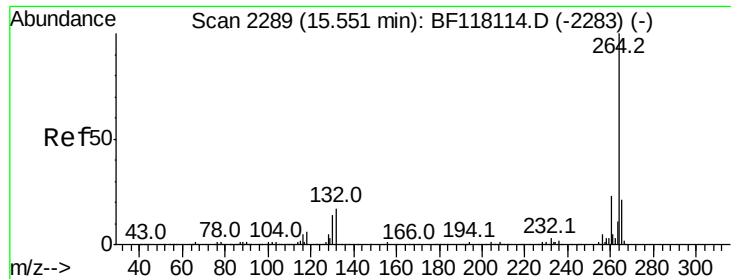
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.1	10.7#
236	26.9	21.0	31.6



#79
 Terphenyl-d14
 Concen: 54.089 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF118191.D
 Acq: 13 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.2	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: BF118191.D
Acq: 13 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :
TP-1A-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	20.8	16.8	25.2

