

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 :

Quant Time: Dec 13 22:46:49 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

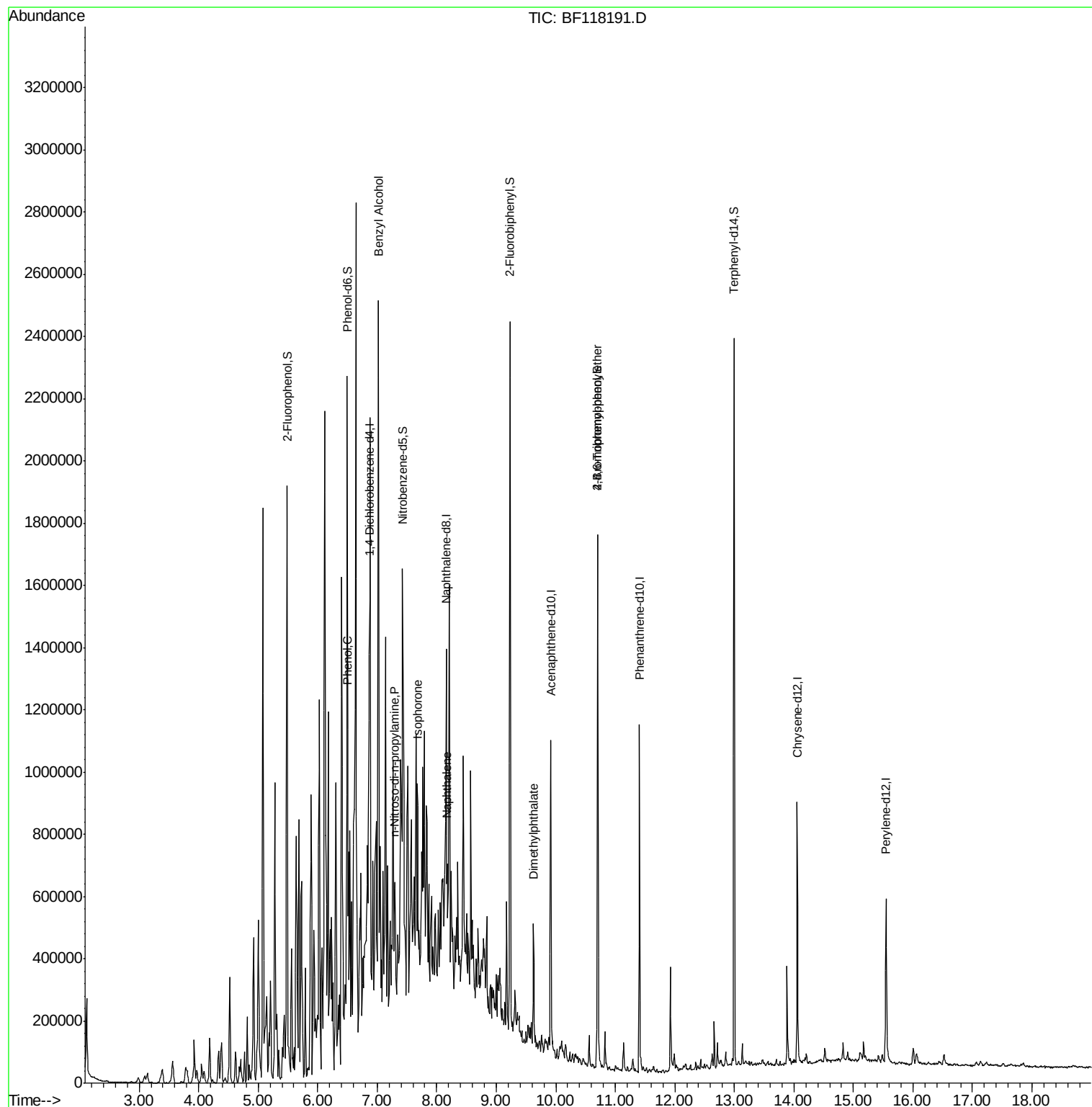
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	104329	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	410370	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	220642	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	410509	20.00	ng	0.00
76) Chrysene-d12	14.06	240	266668	20.00	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						
9) Benzaldehyde	6.40	77	13479	Below Cal	Qvalue	# 6
10) Phenol	6.51	94	25241	3.072 ng		86
15) Benzyl Alcohol	7.02	79	12819	2.279 ng	#	50
19) n-Nitroso-di-n-propylamine	7.29	70	23684	5.410 ng	#	66
25) Isophorone	7.68	82	32022	2.590 ng	#	1
31) Naphthalene	8.17	128	84849	4.117 ng		99
50) Dimethylphthalate	9.62	163	49759	3.053 ng	#	97
67) 4-Bromophenyl-phenylether	10.70	248	13803	2.946 ng	#	1

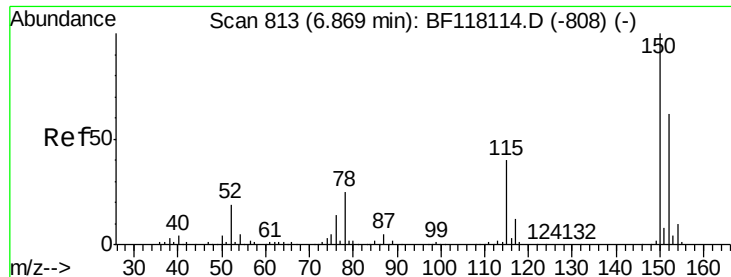
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



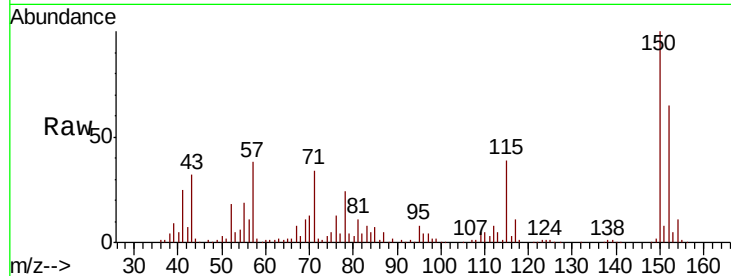


#1

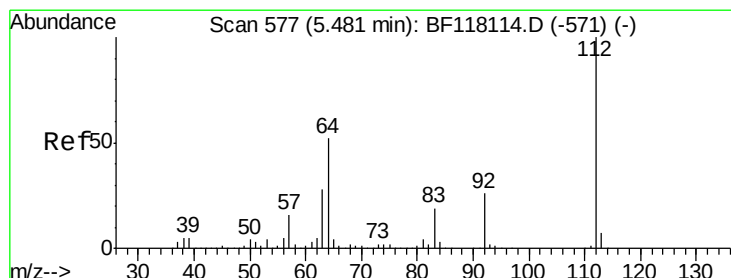
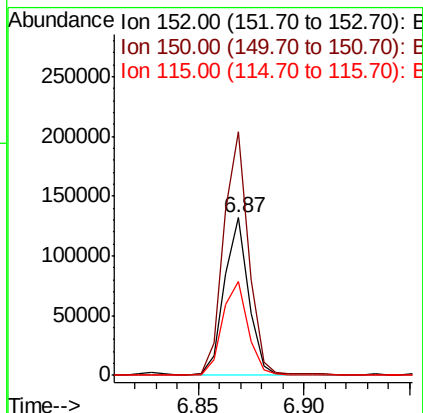
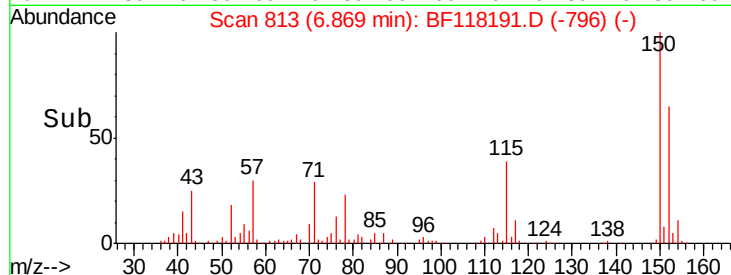
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118191.D
Acq: 13 Dec 2019 17:35

Instrument :
BNA_F
ClientSampled :

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



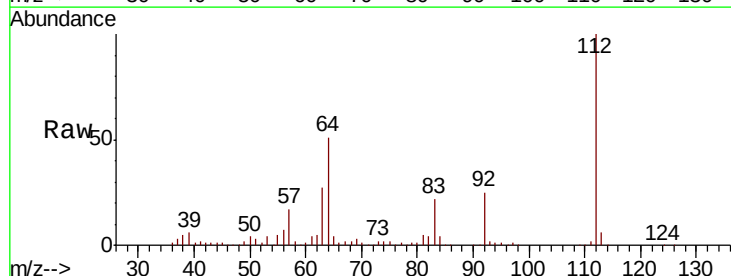
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



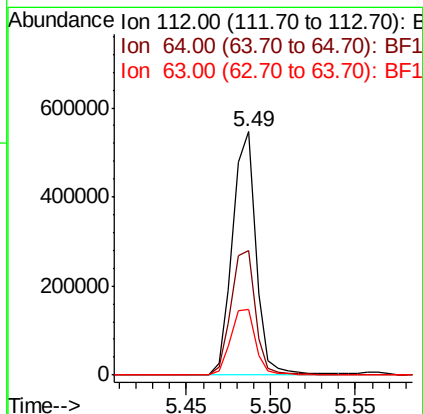
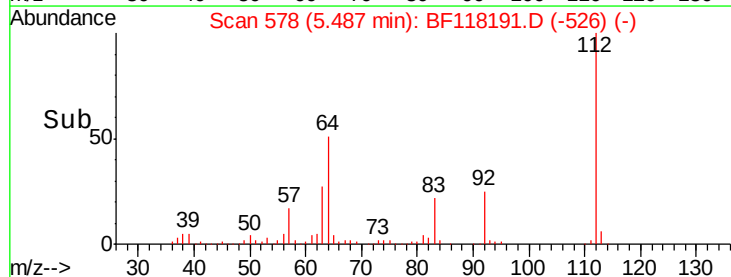
#5

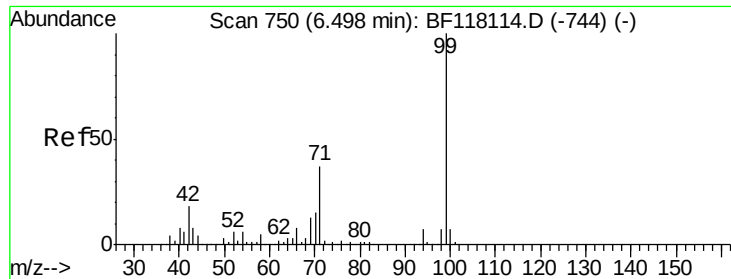
2-Fluorophenol
Concen: 88.822 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118191.D
Acq: 13 Dec 2019 17:35

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 :

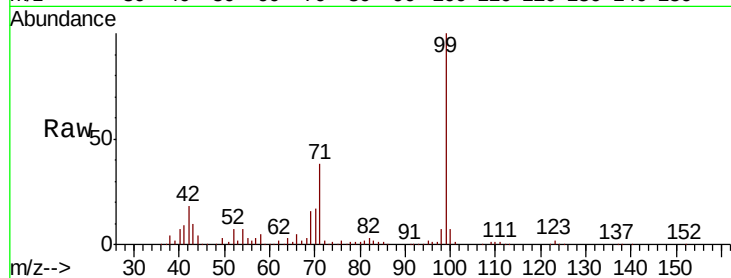
Tot Ion: 99 Resp: 660721

Ion Ratio Lower Upper

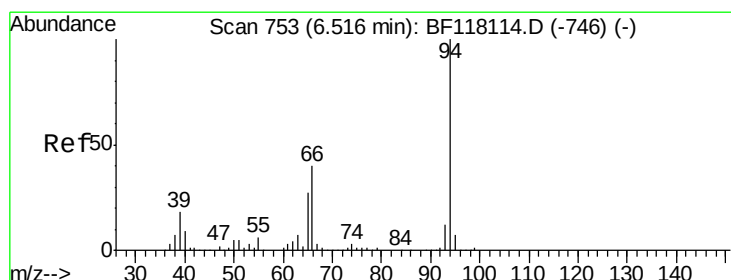
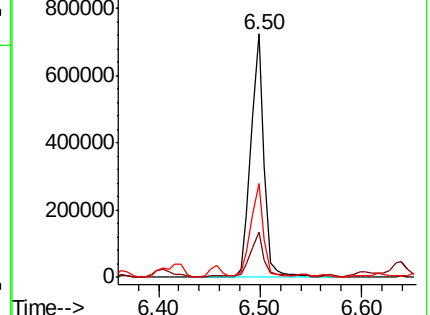
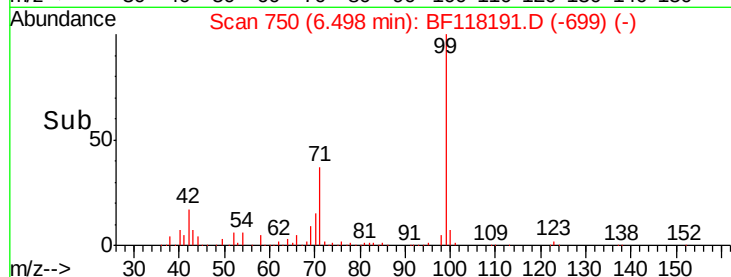
99 100

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

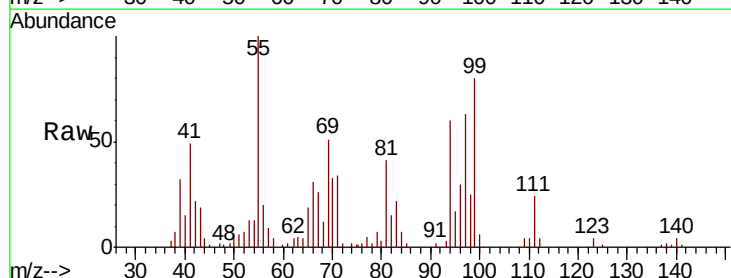
Tgt Ion: 94 Resp: 25241

Ion Ratio Lower Upper

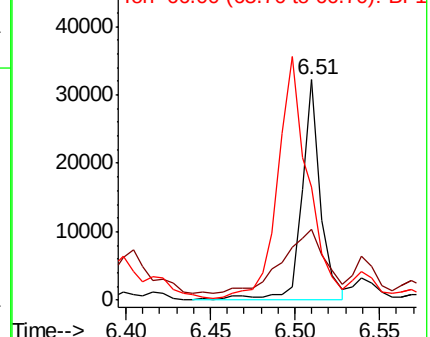
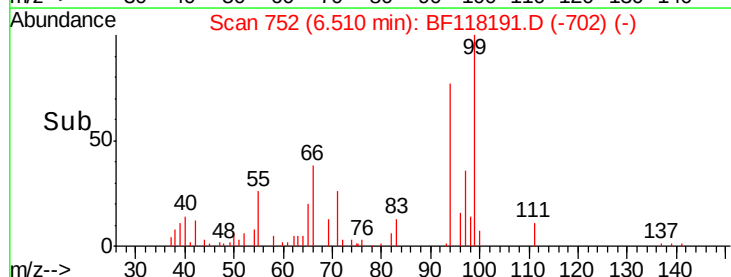
94 100

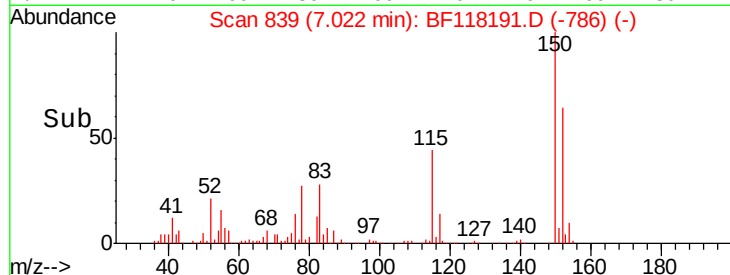
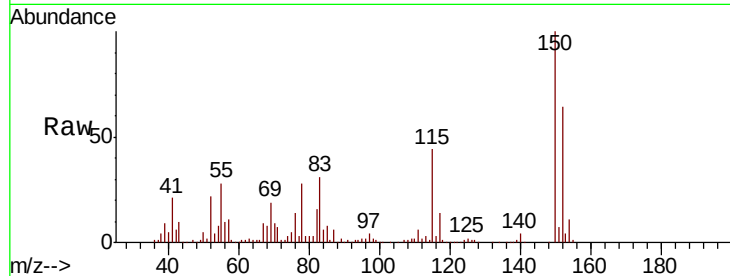
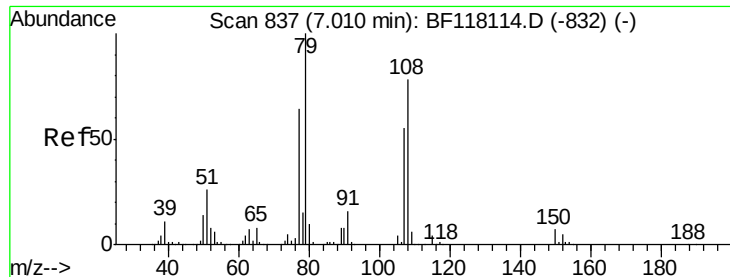
65 32.0 7.3 47.3

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





#15

Benzyl Alcohol

Concen: 2.279 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF118191.D

Acq: 13 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

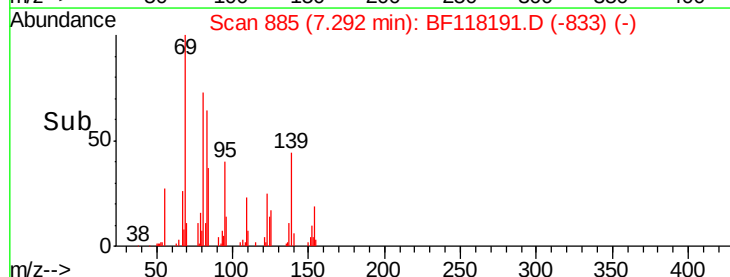
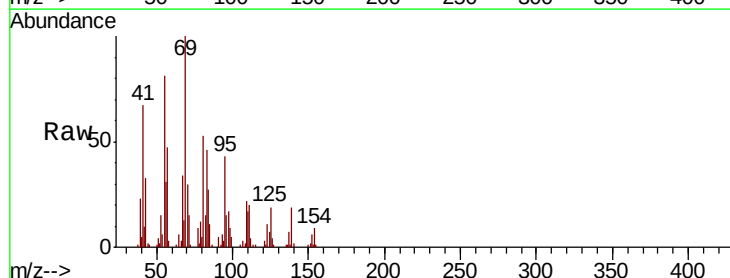
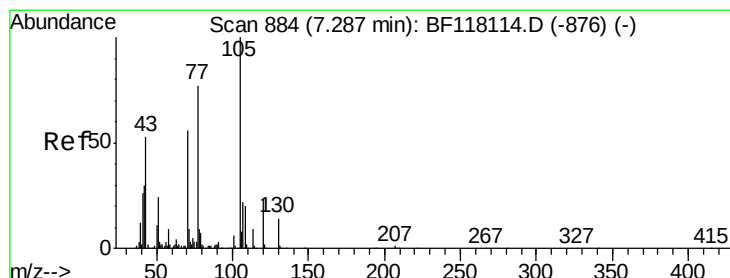
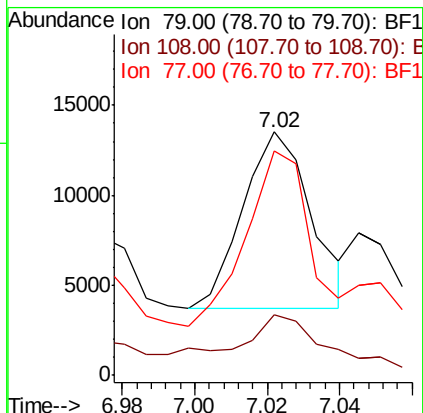
Tot Ion: 79 Resp: 12819

Ion Ratio Lower Upper

79 100

108 24.7 62.7 94.1#

77 92.4 51.4 77.2#



#19

n-Nitroso-di-n-propylamine

Concen: 5.410 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF118191.D

Acq: 13 Dec 2019 17:35

Tgt Ion: 70 Resp: 23684

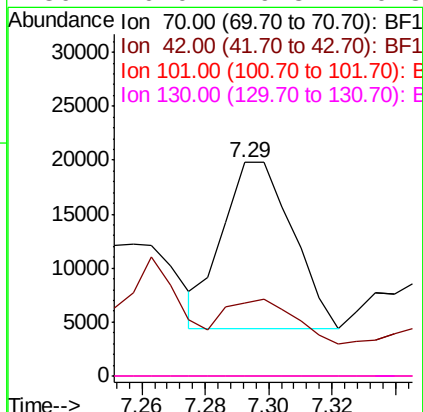
Ion Ratio Lower Upper

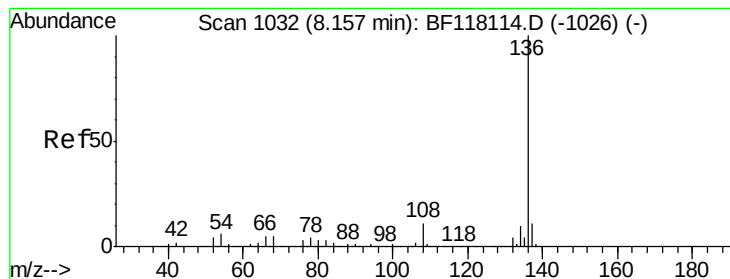
70 100

42 34.1 43.2 64.8#

101 0.0 8.1 12.1#

130 0.0 19.8 29.8#





#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 :

Tot Ion:136 Resp: 410370

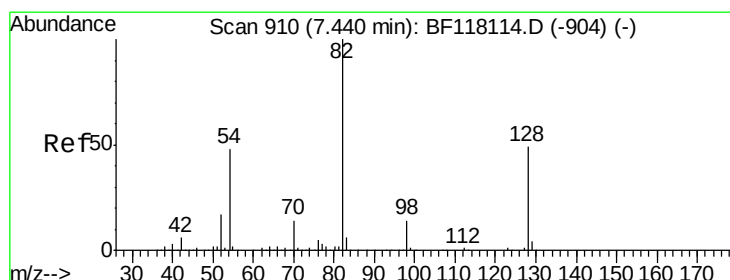
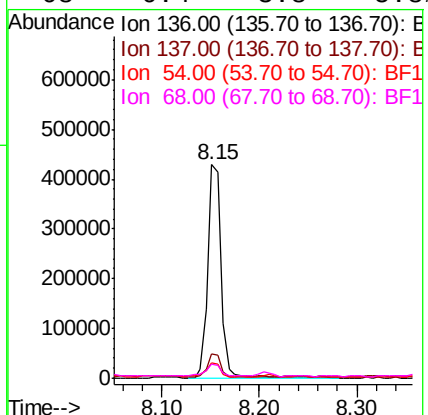
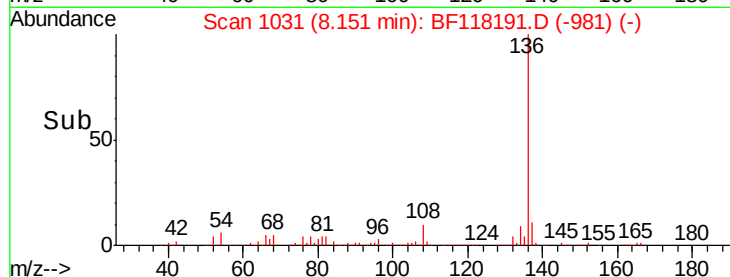
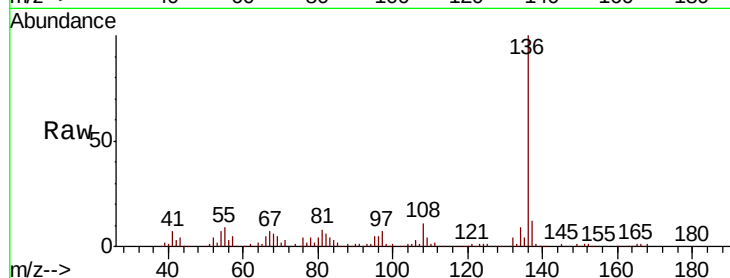
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 7.4 5.0 7.6

68 6.4 3.8 5.8#



#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

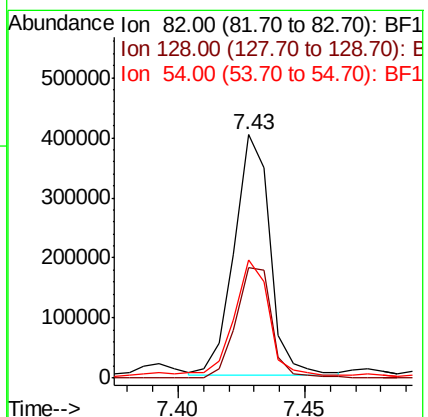
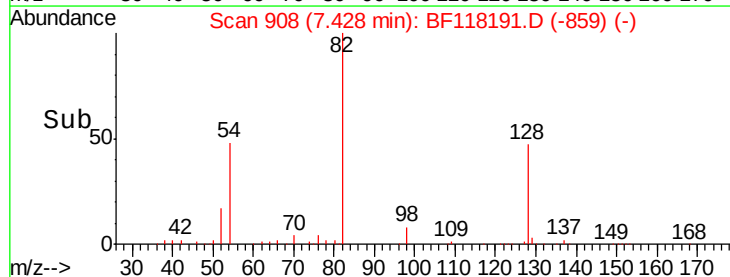
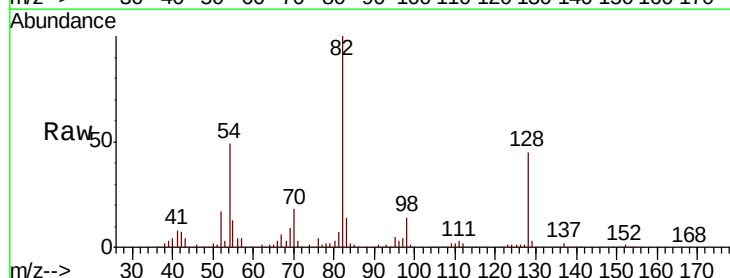
Tgt Ion: 82 Resp: 391254

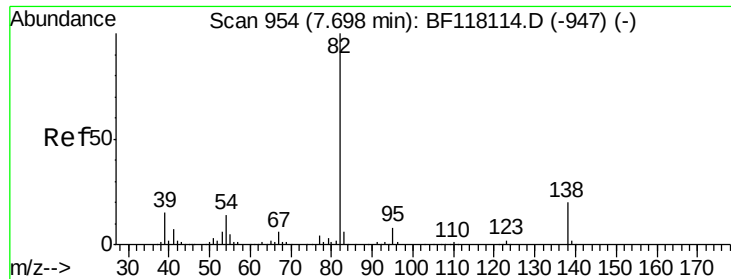
Ion Ratio Lower Upper

82 100

128 45.2 39.1 58.7

54 48.7 38.2 57.2





#25

Isophorone

Concen: 2.590 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF118191.D

Acq: 13 Dec 2019 17:35

Instrument :

BNA_F

ClientSampleId :

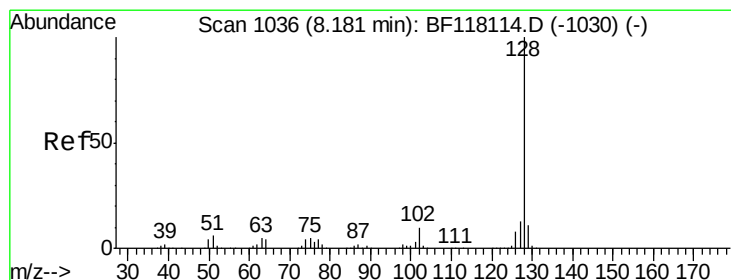
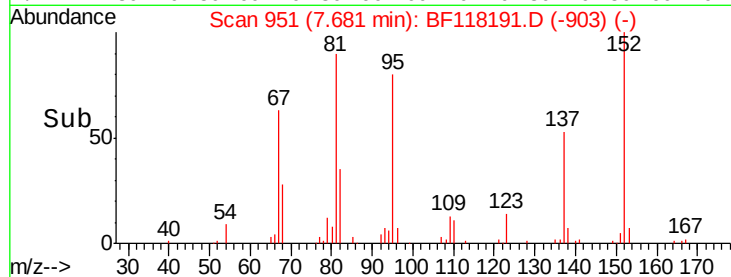
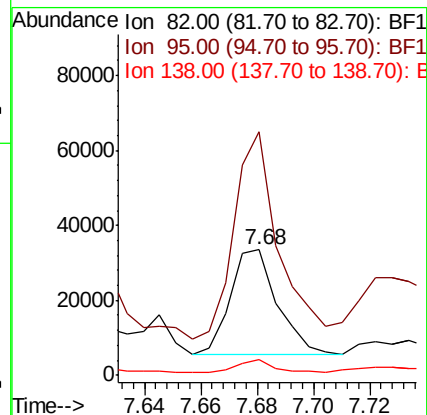
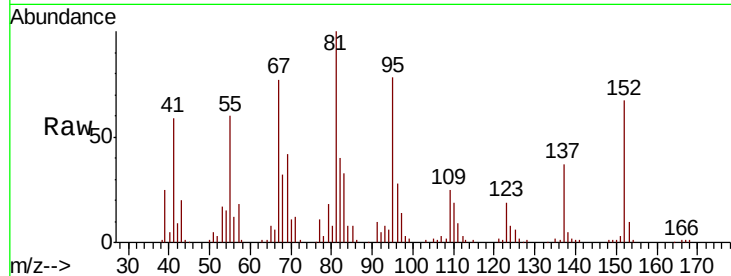
Tot Ion: 82 Resp: 32022

Ion Ratio Lower Upper

82 100

95 194.2 6.3 9.5#

138 12.5 16.3 24.5#



#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

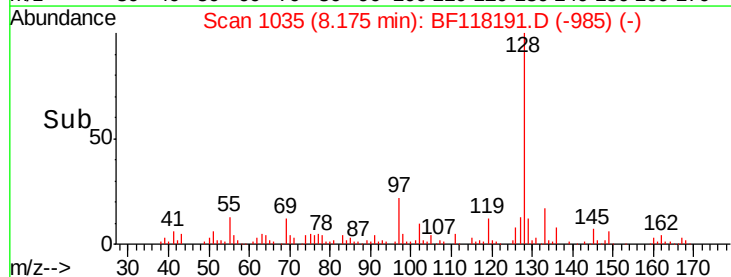
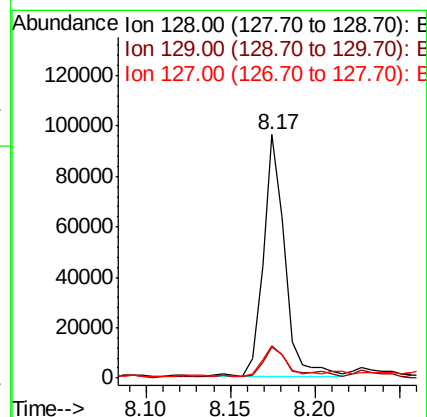
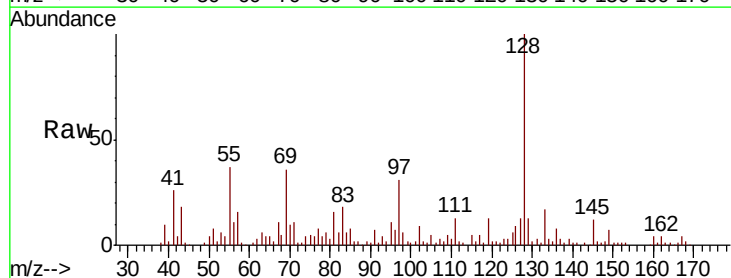
Tgt Ion: 128 Resp: 84849

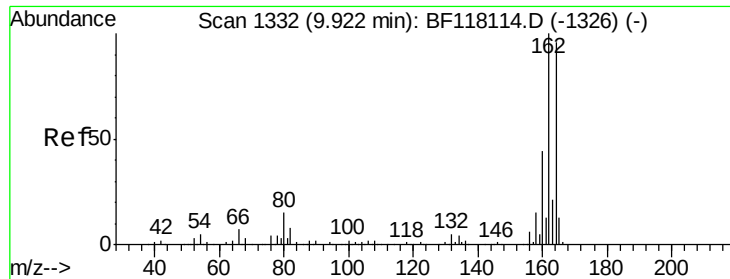
Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

127 13.2 10.6 16.0

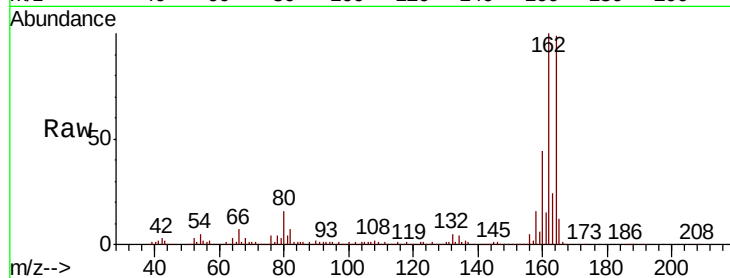




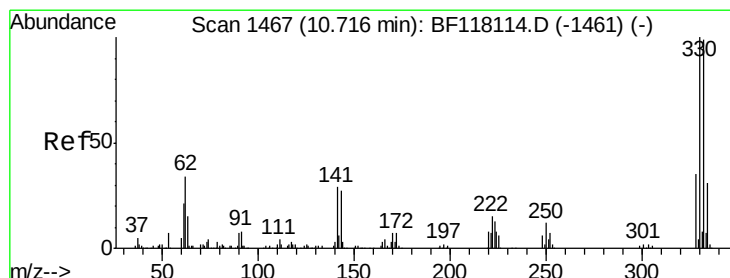
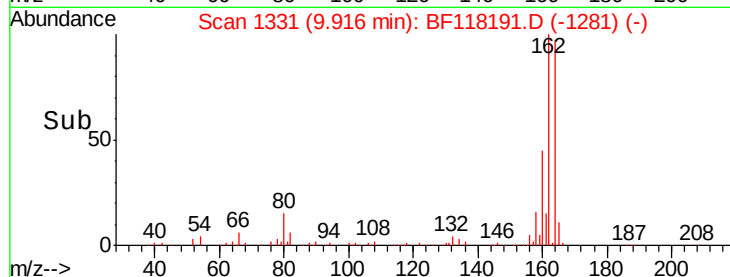
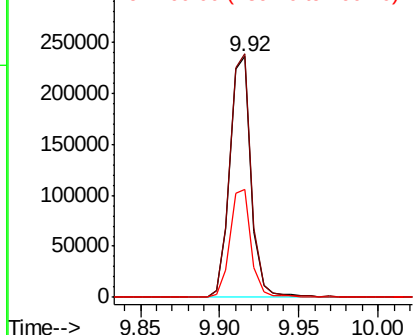
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118191.D
 Acq: 13 Dec 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 220642
 Ion Ratio Lower Upper
 164 100
 162 101.1 83.4 125.0
 160 44.9 36.6 54.8

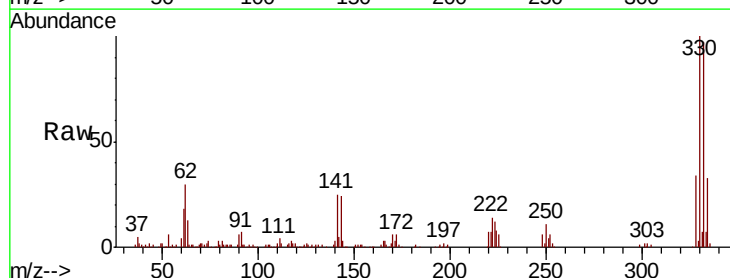


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

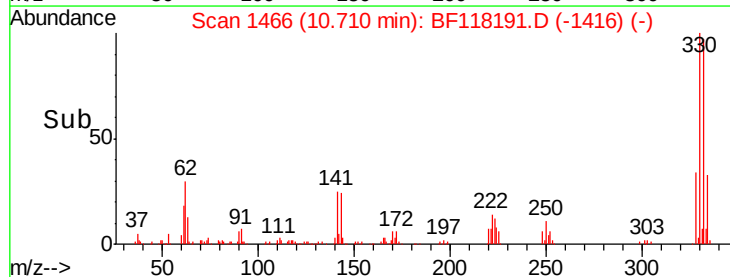
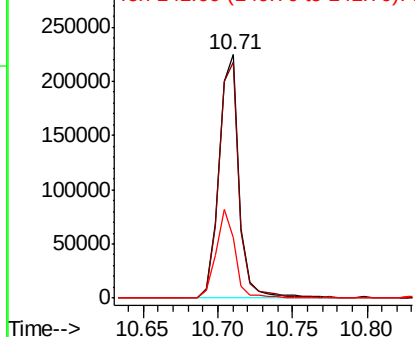


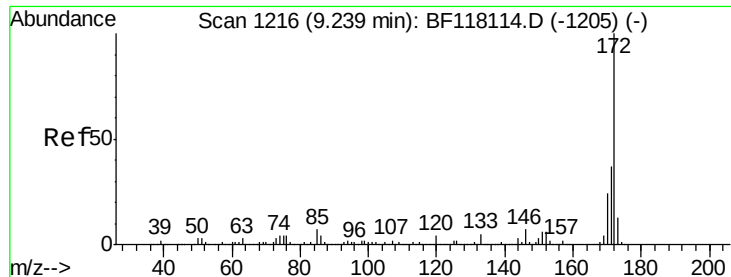
#42
 2,4,6-Tribromophenol
 Concen: 79.624 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118191.D
 Acq: 13 Dec 2019 17:35

Tgt Ion:330 Resp: 213425
 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

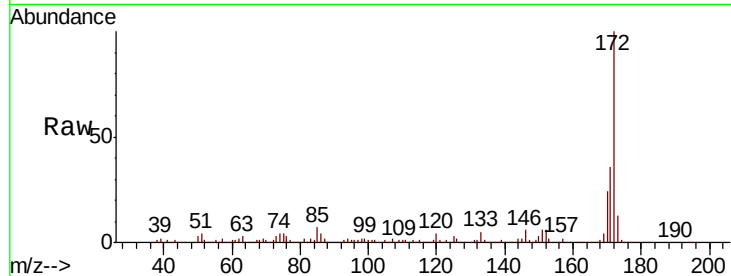




#45
2-Fluorobiphenyl
Concen: 50.912 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118191.D
Acq: 13 Dec 2019 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.6	19.4	29.2

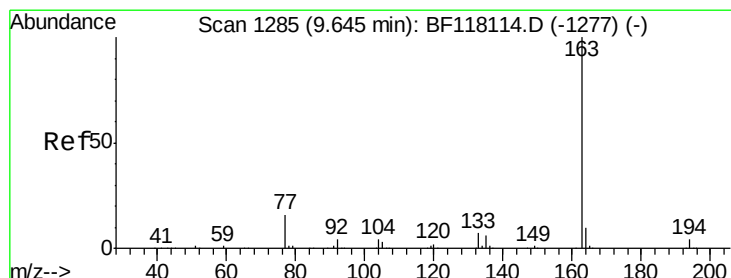
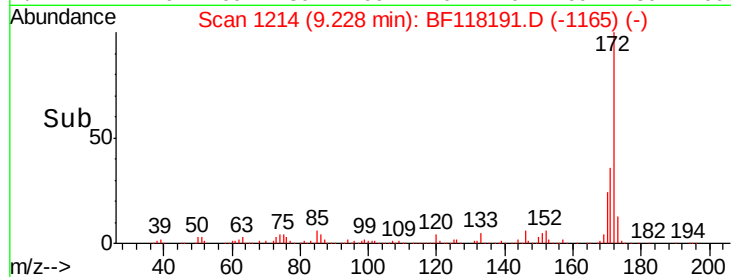
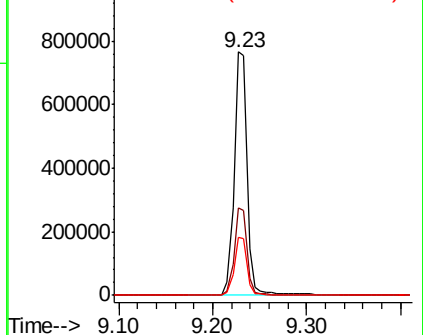


Abundance

Ion 172.00 (171.70 to 172.70): E

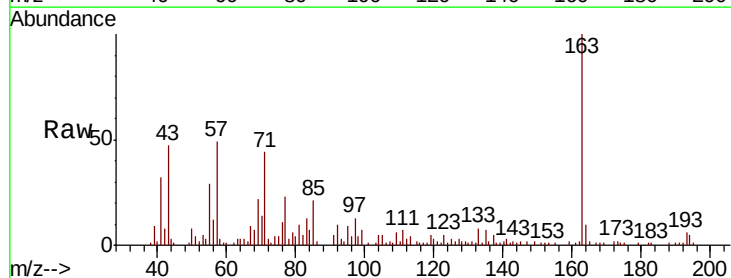
Ion 171.00 (170.70 to 171.70): E

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.1	4.7#
164	10.3	7.7	11.5

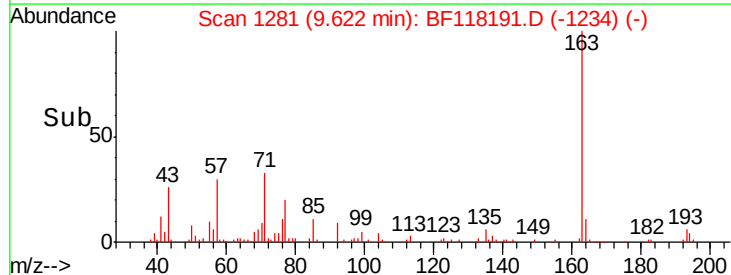
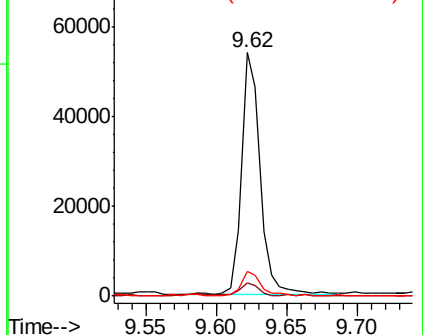


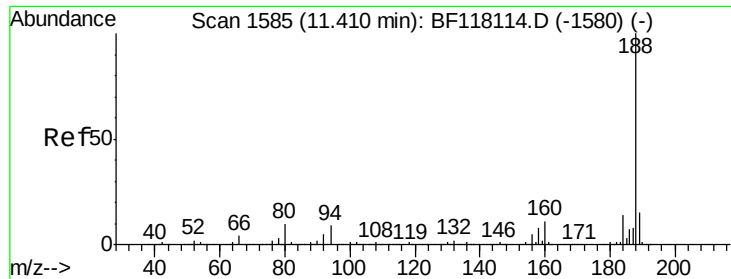
Abundance

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

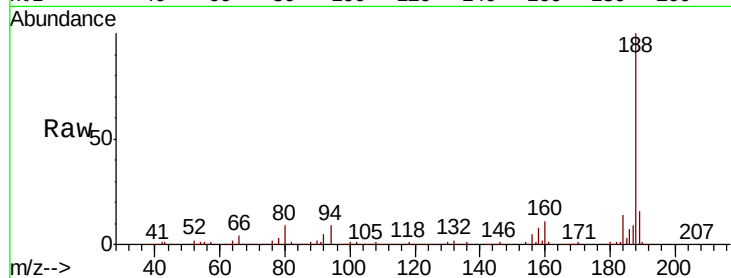




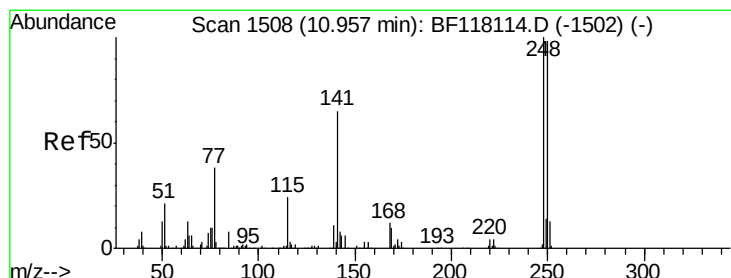
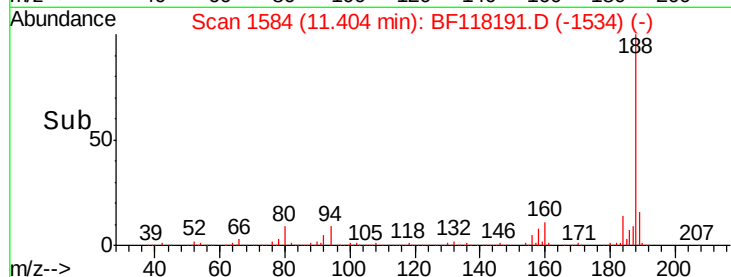
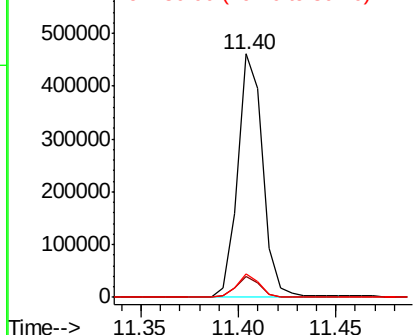
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118191.D
Acq: 13 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 410509
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.4 7.9 11.9

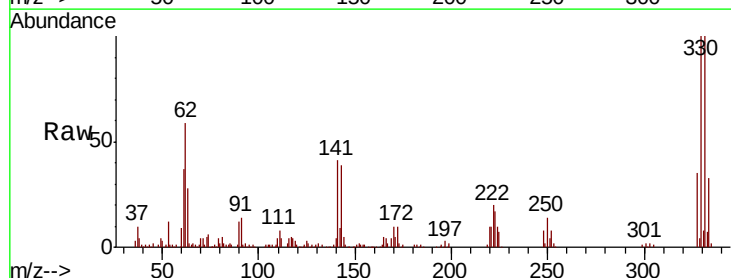


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

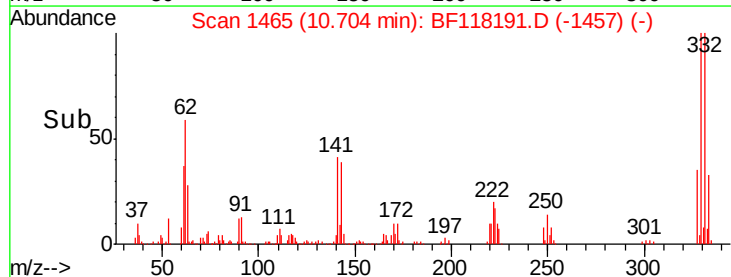
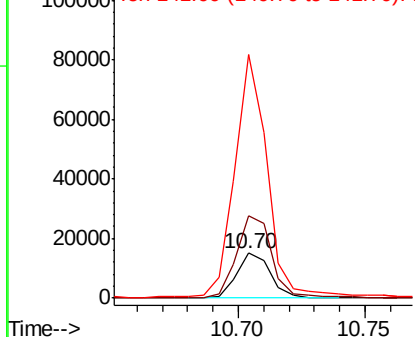


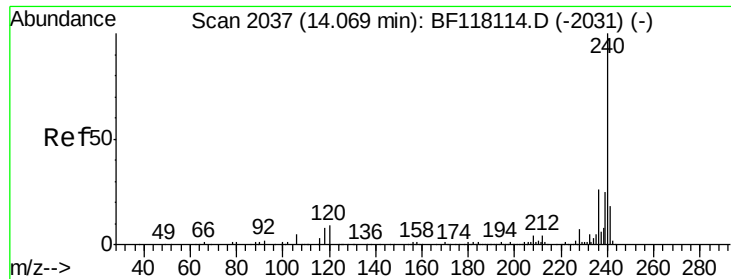
#67
4-Bromophenyl-phenylether
Concen: 2.946 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118191.D
Acq: 13 Dec 2019 17:35

Tgt Ion:248 Resp: 13803
Ion Ratio Lower Upper
248 100
250 184.8 78.3 117.5#
141 542.1 52.2 78.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#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 :

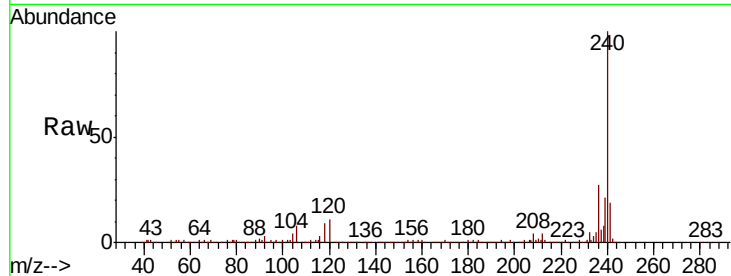
Tot Ion:240 Resp: 266668

Ion Ratio Lower Upper

240 100

120 10.8 7.1 10.7#

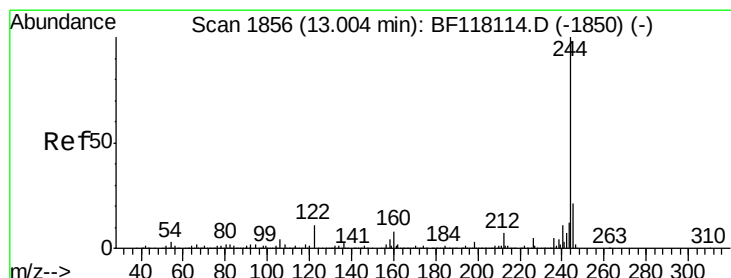
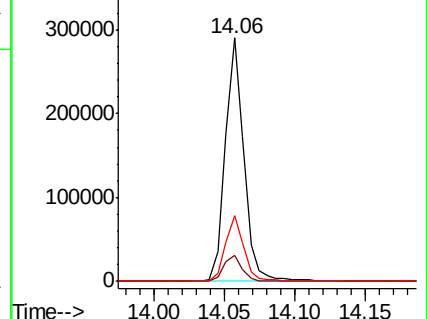
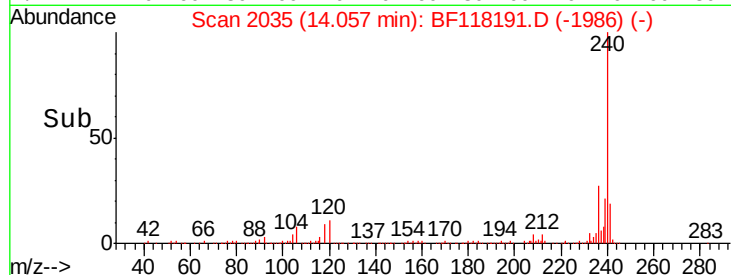
236 26.9 21.0 31.6



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: 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

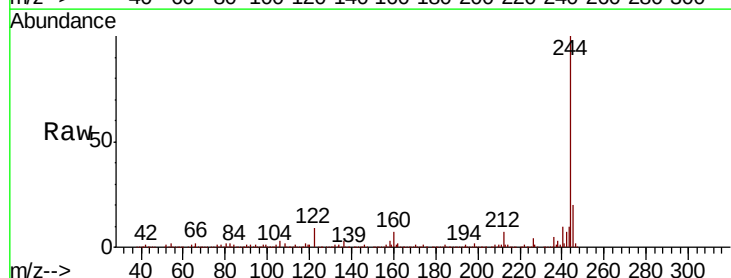
Tgt Ion:244 Resp: 838780

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

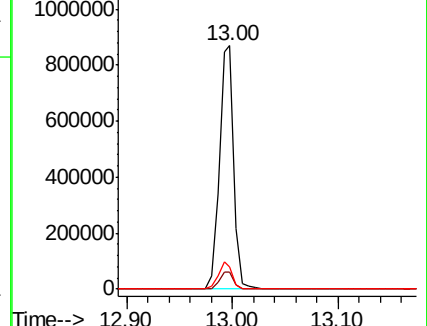
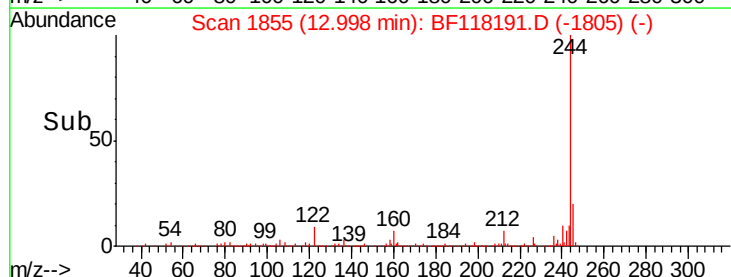
122 9.2 9.0 13.6

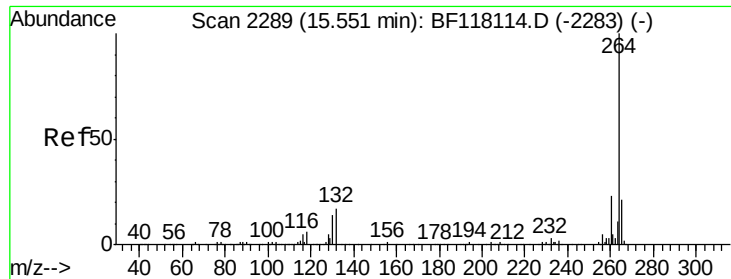


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF118191.D
Acq: 13 Dec 2019 17:35

Instrument :
BNA_F
ClientSampleId :

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

