

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118244.D
 Acq On : 17 Dec 2019 23:36
 Operator : JU
 Sample : K6118-06 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 05:06:49 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

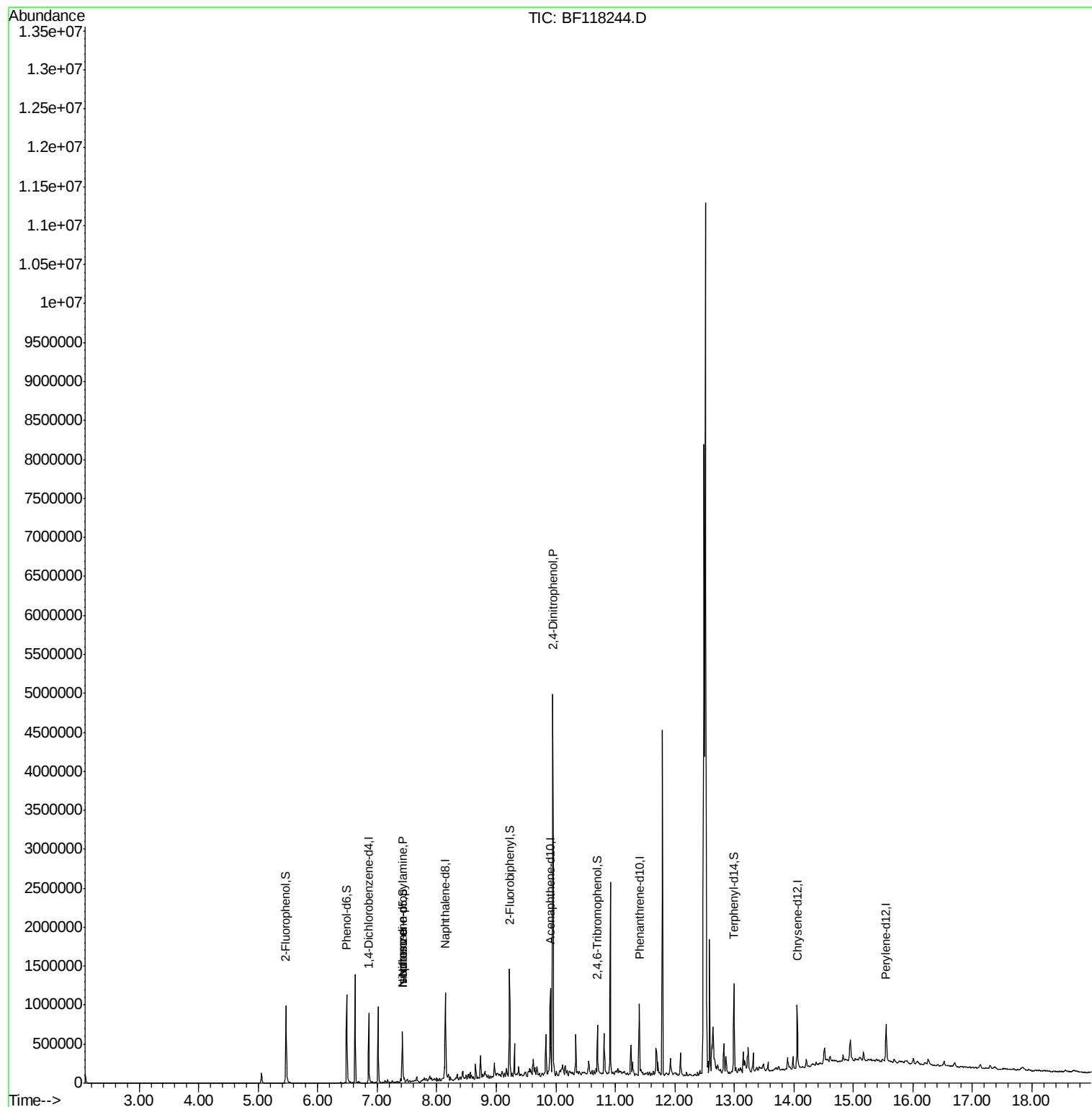
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126068	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	472039	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	215641	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	330301	20.00	ng	0.00
76) Chrysene-d12	14.06	240	251233	20.00	ng	-0.01
87) Perylene-d12	15.55	264	202430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	293685	40.80	ng	-0.01
7) Phenol-d6	6.49	99	372182	42.75	ng	-0.01
23) Nitrobenzene-d5	7.42	82	202786	24.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	82064	31.33	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	380606	26.86	ng	-0.02
79) Terphenyl-d14	12.99	244	339013	23.20	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	473	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	28926	5.468 ng	#	78
25) Isophorone	7.42	82	202784	14.257 ng	#	62
54) 2,4-Dinitrophenol	9.95	184	9541	5.537 ng	#	28

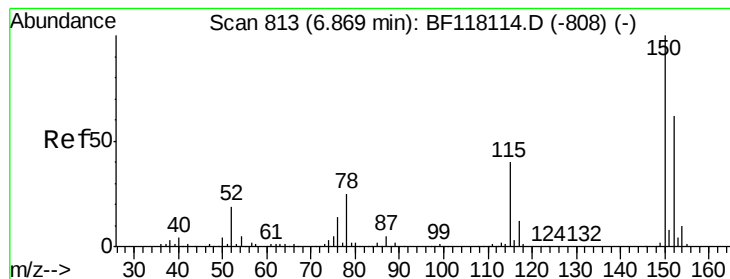
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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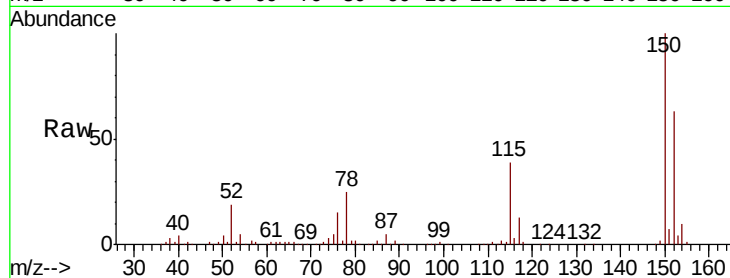


#1

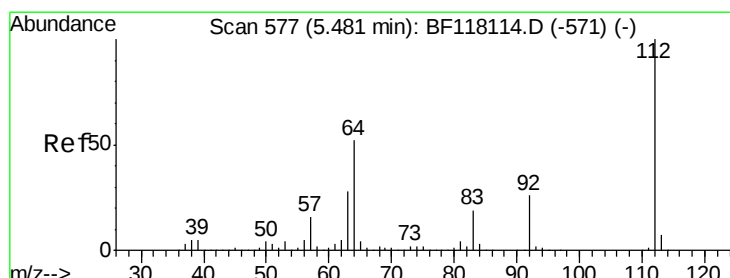
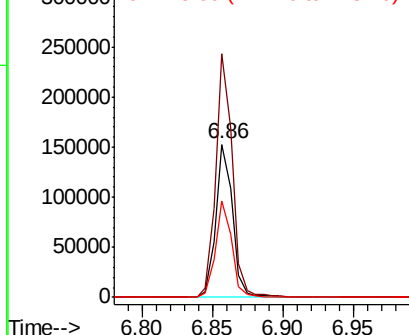
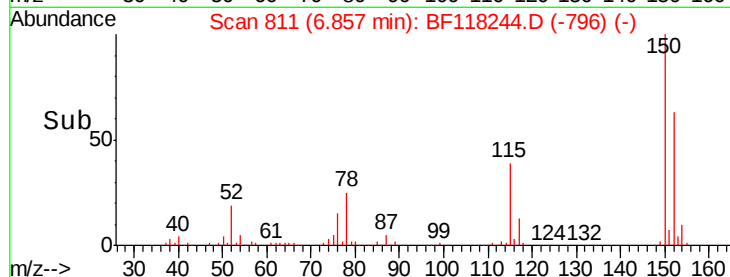
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118244.D
Acq: 17 Dec 2019 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126068
Ion Ratio Lower Upper
152 100
150 159.4 128.3 192.5
115 62.8 51.1 76.7



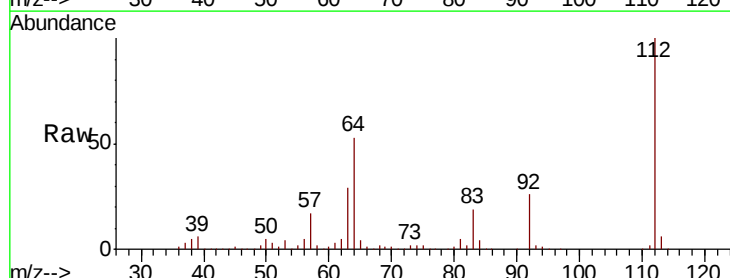
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



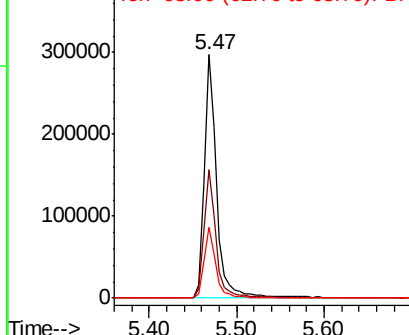
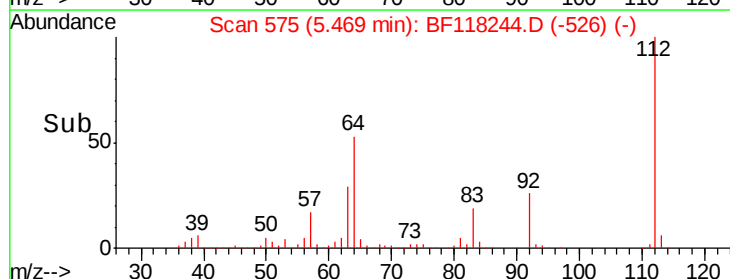
#5

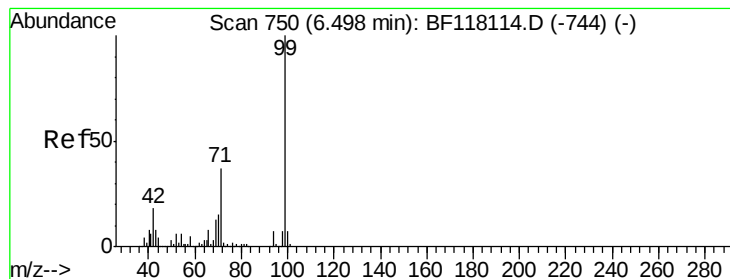
2-Fluorophenol
Concen: 40.802 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF118244.D
Acq: 17 Dec 2019 23:36

Tgt Ion:112 Resp: 293685
Ion Ratio Lower Upper
112 100
64 52.9 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: 42.750 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118244.D

Acq: 17 Dec 2019 23:36

Instrument :

BNA_F

ClientSampleId :

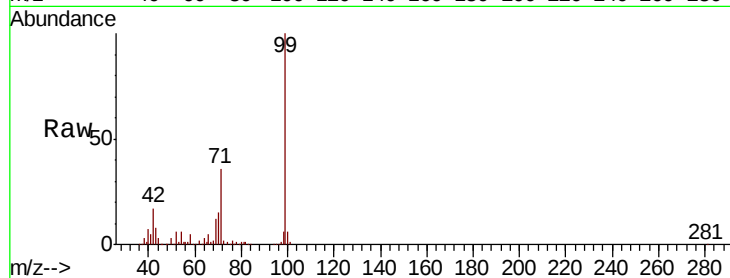
Tot Ion: 99 Resp: 372182

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

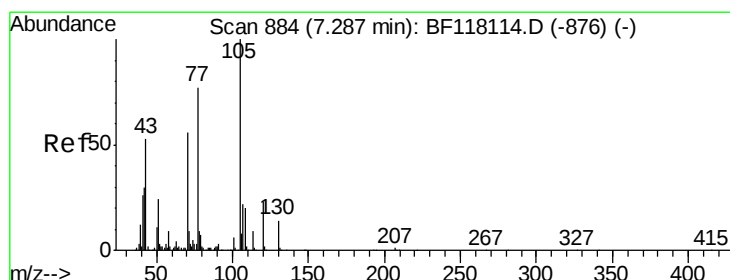
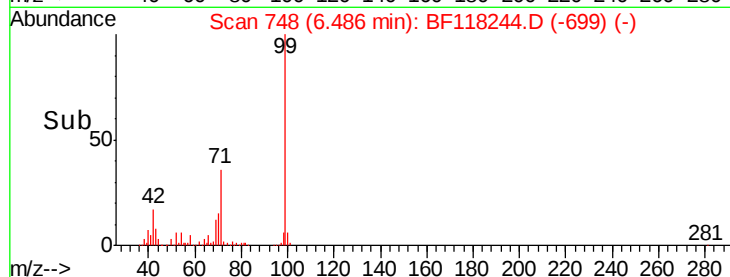
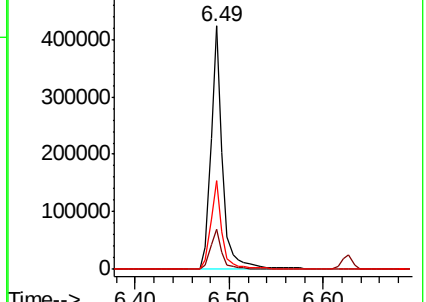
71 36.3 29.7 44.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.468 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF118244.D

Acq: 17 Dec 2019 23:36

Tgt Ion: 70 Resp: 28926

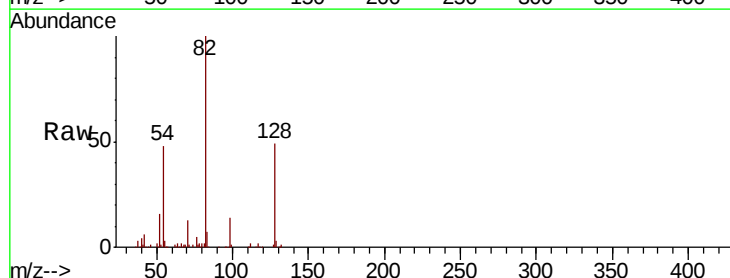
Ion Ratio Lower Upper

70 100

42 45.8 43.2 64.8

101 0.0 8.1 12.1#

130 2.6 19.8 29.8#

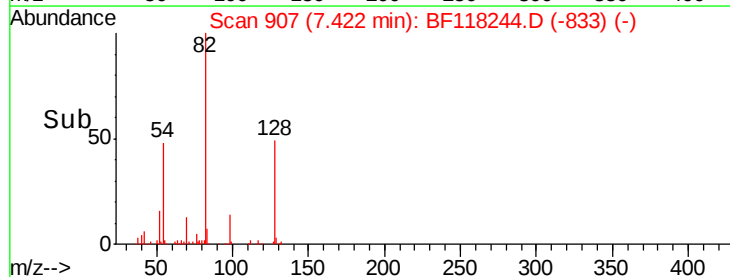
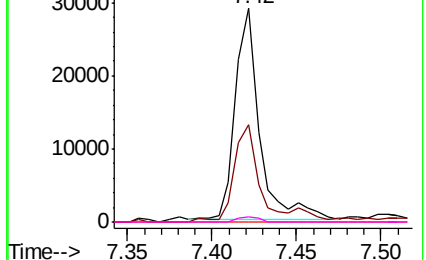


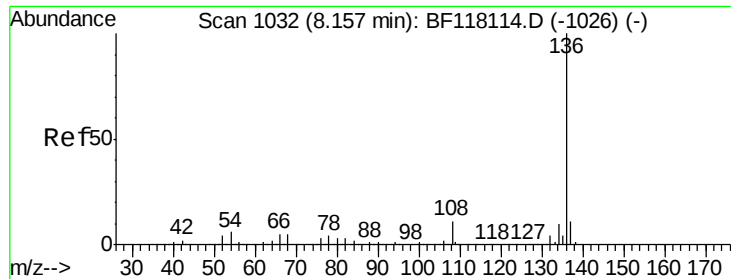
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118244.D

Acq: 17 Dec 2019 23:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 472039

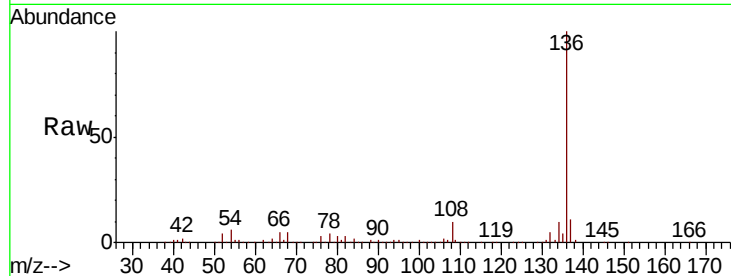
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 6.3 5.0 7.6

68 4.9 3.8 5.8

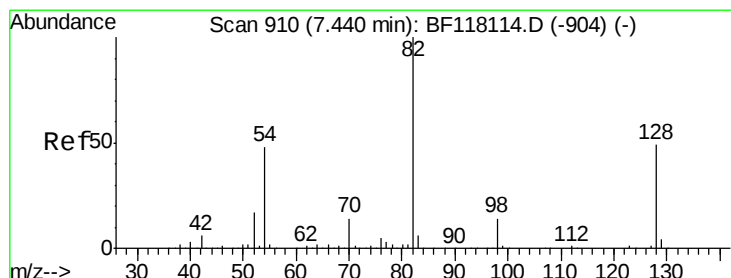
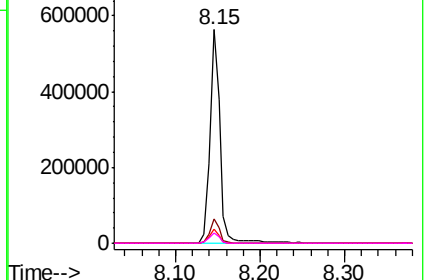
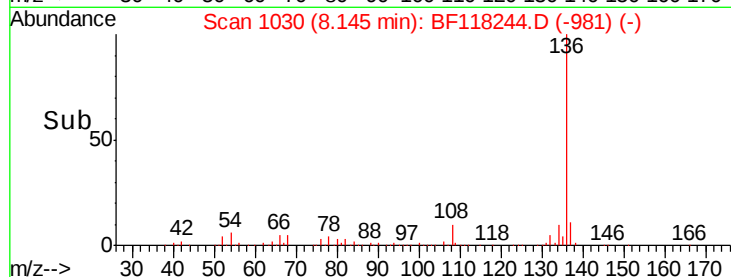


Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.168 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118244.D

Acq: 17 Dec 2019 23:36

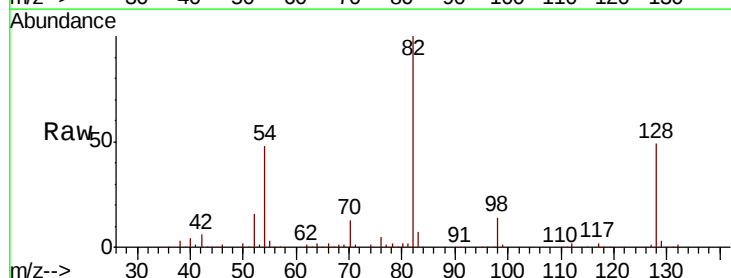
Tgt Ion: 82 Resp: 202786

Ion Ratio Lower Upper

82 100

128 48.9 39.1 58.7

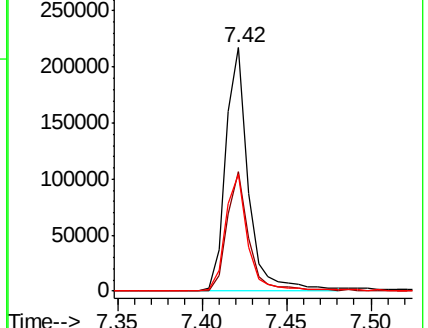
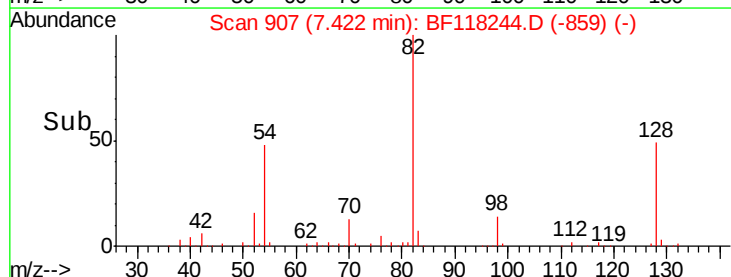
54 47.8 38.2 57.2

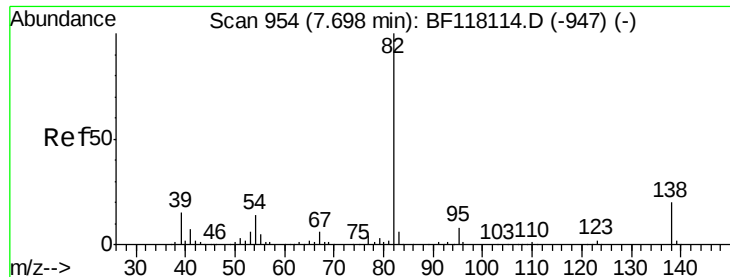


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 14.257 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118244.D

Acq: 17 Dec 2019 23:36

Instrument :

BNA_F

ClientSampled :

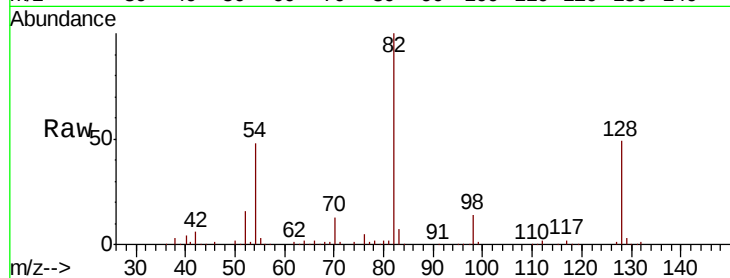
Tot Ion: 82 Resp: 202784

Ion Ratio Lower Upper

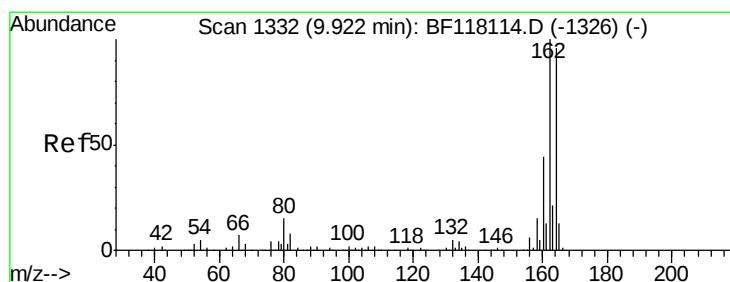
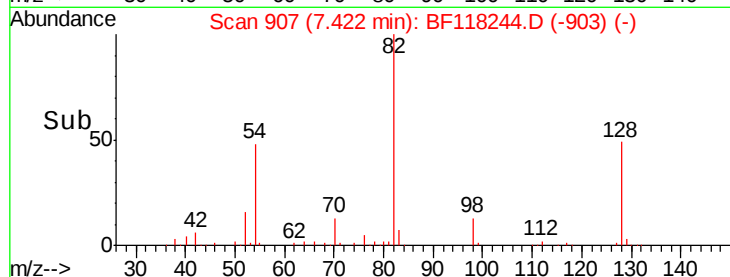
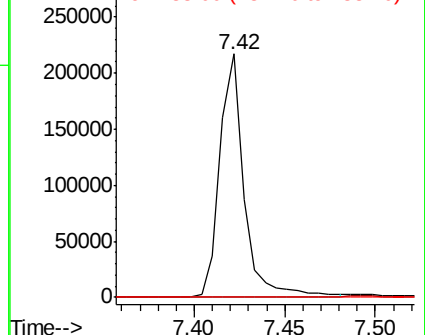
82 100

95 0.4 6.3 9.5#

138 0.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118244.D

Acq: 17 Dec 2019 23:36

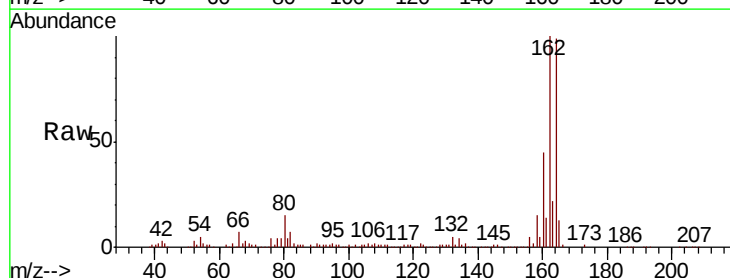
Tgt Ion:164 Resp: 215641

Ion Ratio Lower Upper

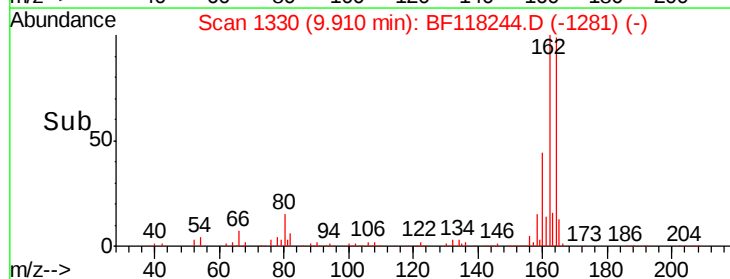
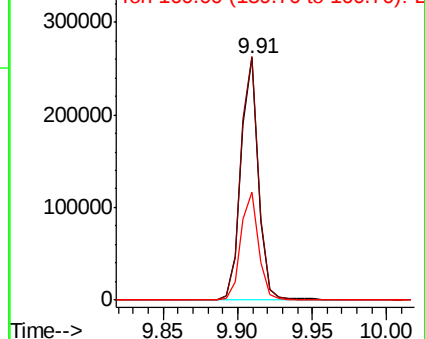
164 100

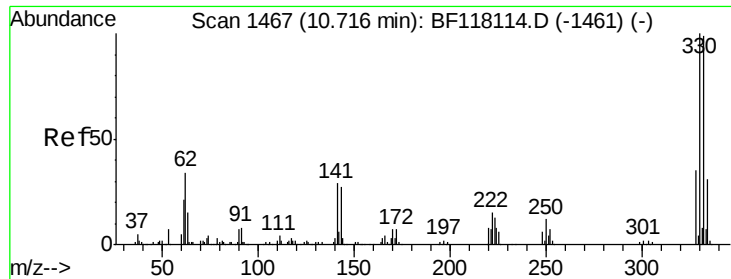
162 100.7 83.4 125.0

160 44.8 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

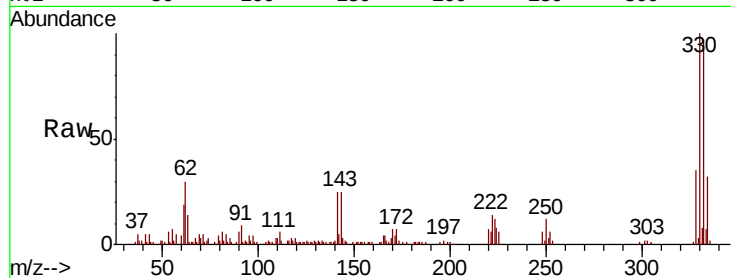




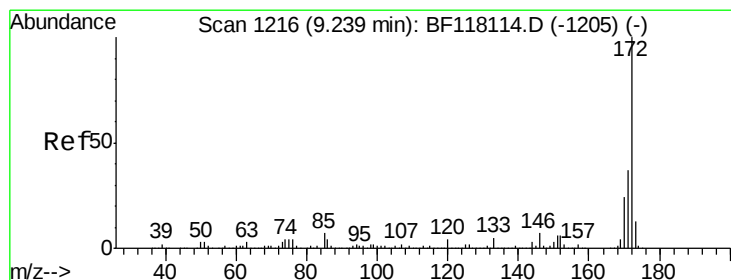
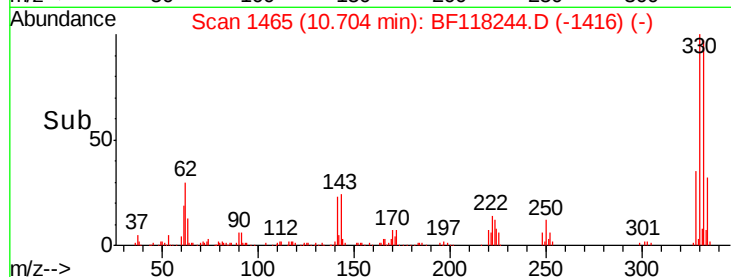
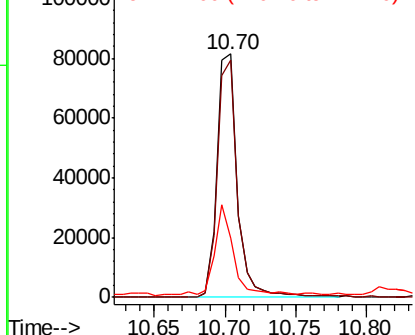
#42
 2,4,6-Tribromophenol
 Concen: 31.326 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118244.D
 Acq: 17 Dec 2019 23:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 82064
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.1 117.1
 141 34.2 26.9 40.3

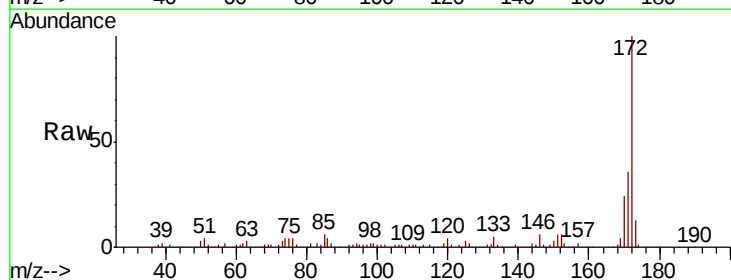


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

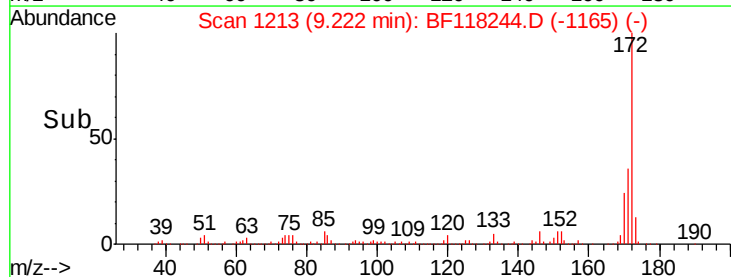
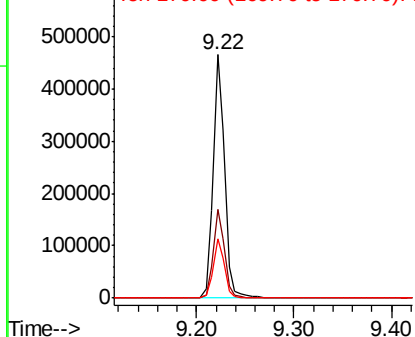


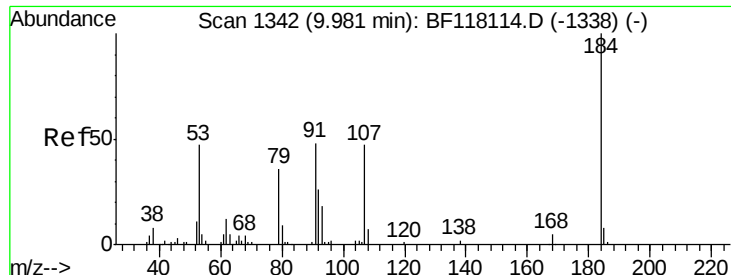
#45
 2-Fluorobiphenyl
 Concen: 26.857 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118244.D
 Acq: 17 Dec 2019 23:36

Tgt Ion:172 Resp: 380606
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.2 43.8
 170 24.1 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





#54

2,4-Dinitrophenol

Concen: 5.537 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.03 min

Lab File: BF118244.D

Acq: 17 Dec 2019 23:36

Instrument :

BNA_F

ClientSampleId :

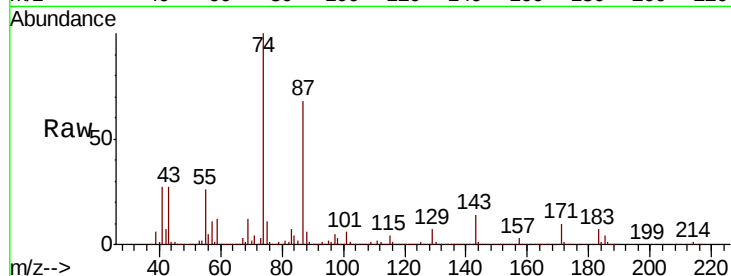
Tot Ion:184 Resp: 9541

Ion Ratio Lower Upper

184 100

63 12.3 53.9 80.9#

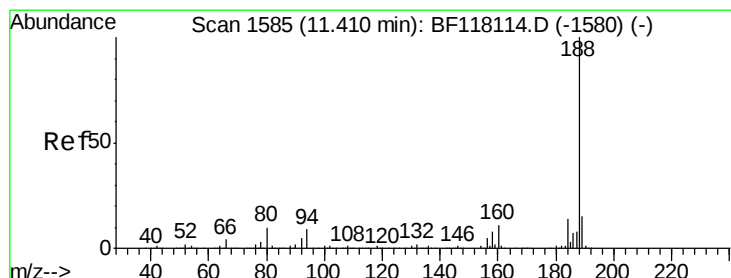
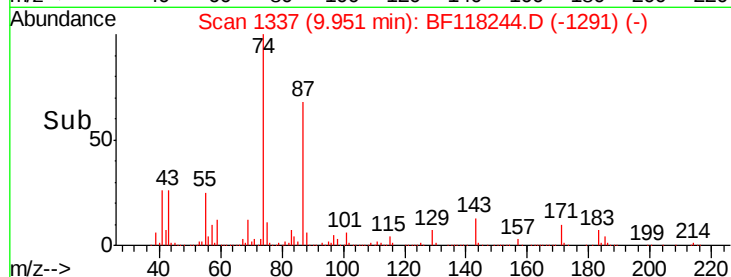
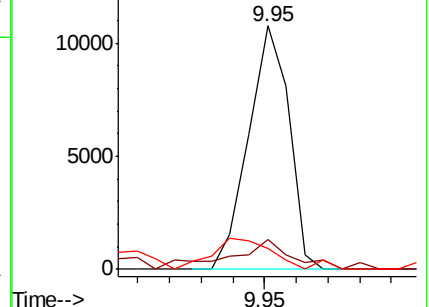
154 8.5 56.3 84.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118244.D

Acq: 17 Dec 2019 23:36

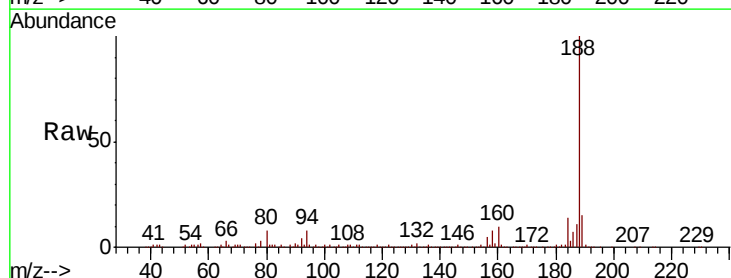
Tgt Ion:188 Resp: 330301

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

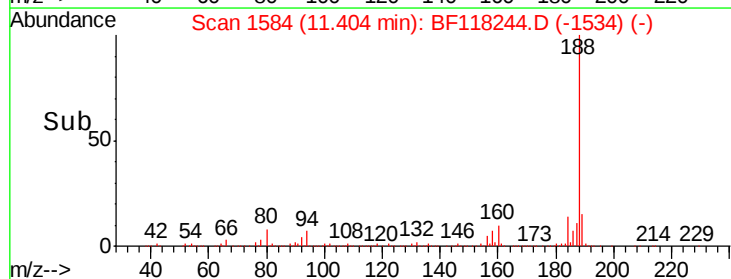
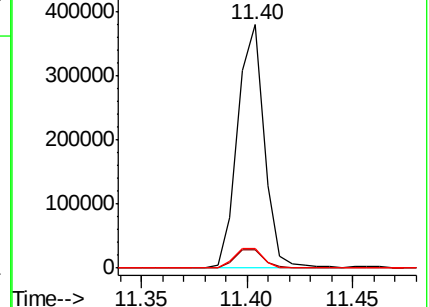
80 7.9 7.9 11.9

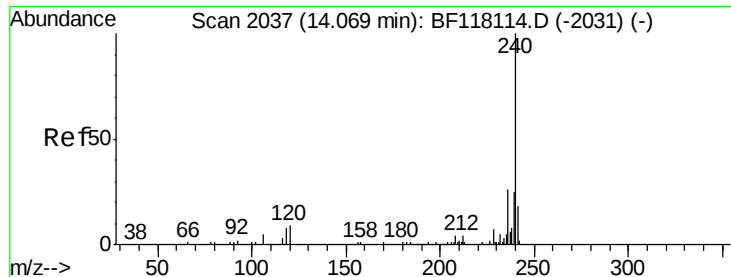


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

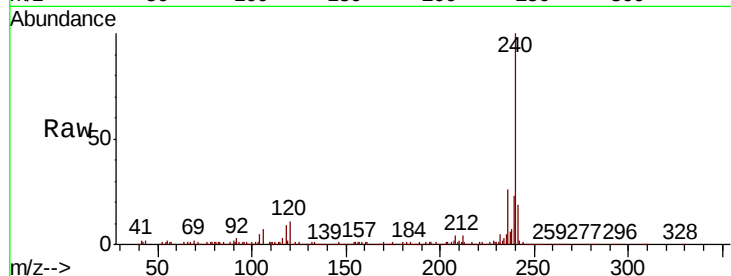




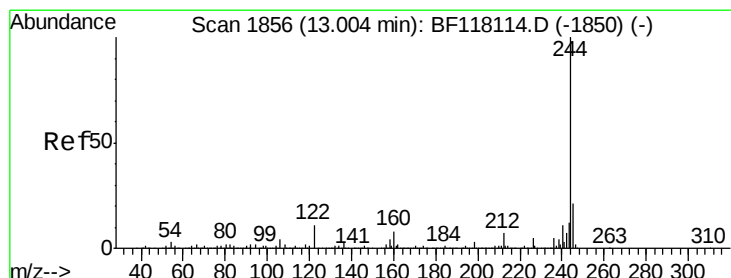
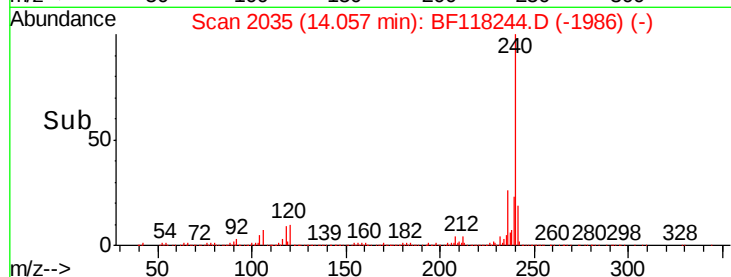
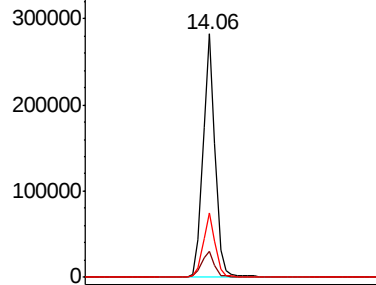
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118244.D
 Acq: 17 Dec 2019 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 251233
 Ion Ratio Lower Upper
 240 100
 120 10.5 7.1 10.7
 236 26.4 21.0 31.6

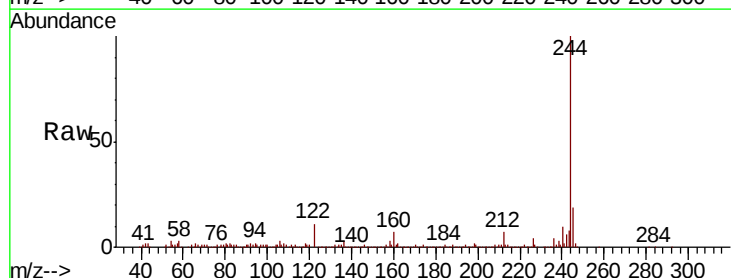


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

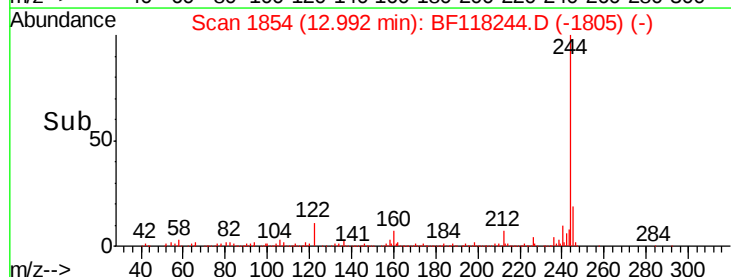
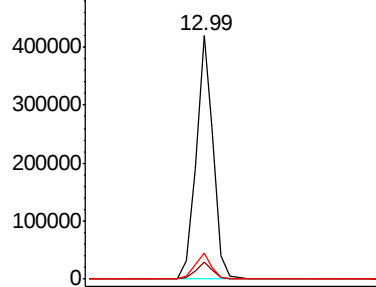


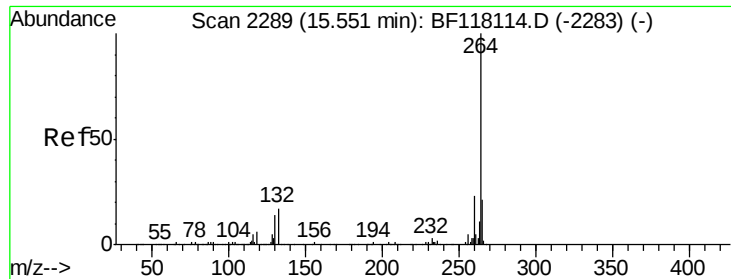
#79
 Terphenyl-d14
 Concen: 23.205 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF118244.D
 Acq: 17 Dec 2019 23:36

Tgt Ion:244 Resp: 339013
 Ion Ratio Lower Upper
 244 100
 212 6.8 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: 15.55 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BF118244.D
 Acq: 17 Dec 2019 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.5	16.8	25.2

