

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040220\
 Data File : BF119709.D
 Acq On : 3 Apr 2020 10:43
 Operator : MA/SJ
 Sample : bl
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BL

Quant Time: Apr 03 11:16:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

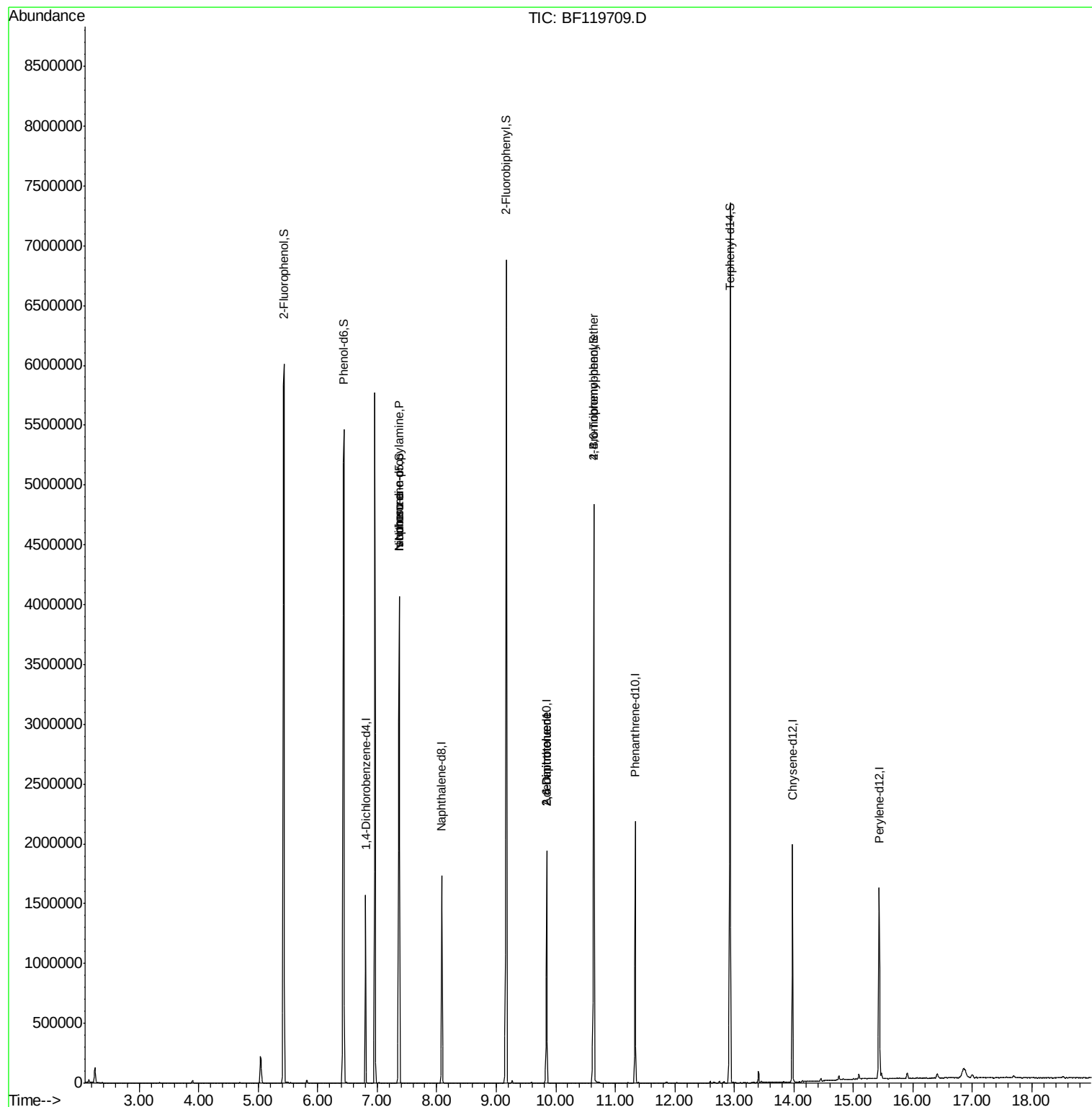
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	217953	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	836516	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	425811	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	838299	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	692958	20.00	ng	-0.02
87) Perylene-d12	15.43	264	729348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1874930	136.94	ng	0.02
7) Phenol-d6	6.44	99	2357770	134.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	1444115	93.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	658240	149.84	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2612138	90.88	ng	-0.01
79) Terphenyl-d14	12.93	244	3016412	85.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	189616	17.987	ng	# 74
25) Isophorone	7.37	82	1443967	46.247	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	55153	8.507	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	55153	6.753	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	39603	4.148	ng	# 1

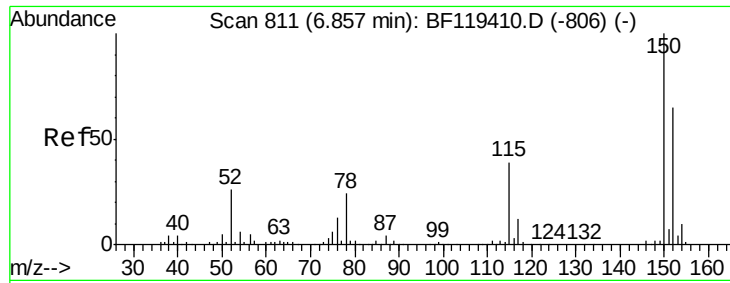
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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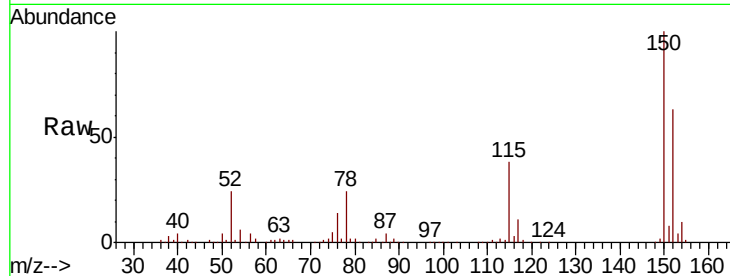




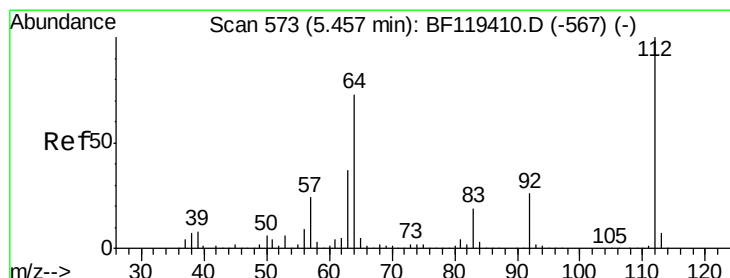
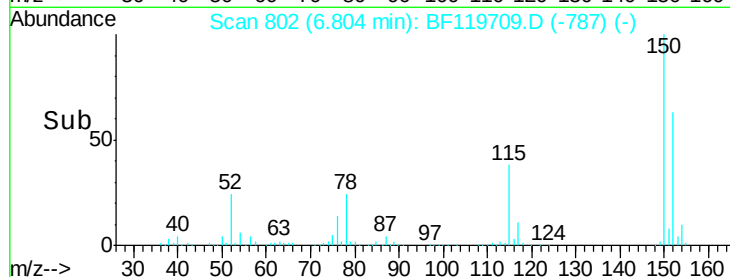
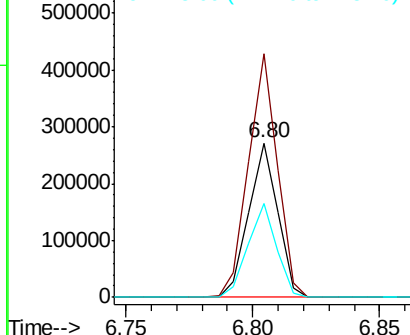
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119709.D
 Acq: 3 Apr 2020 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BL

Tot Ion:152 Resp: 217953
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.5 186.7
 115 60.7 49.6 74.4

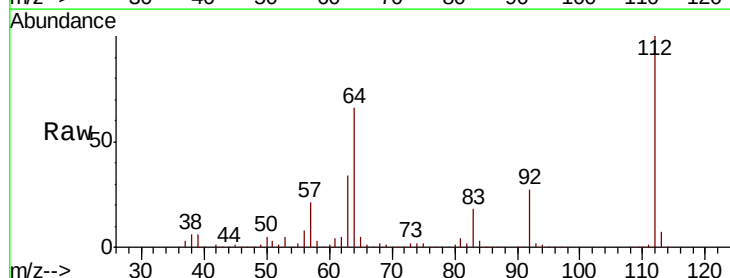


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

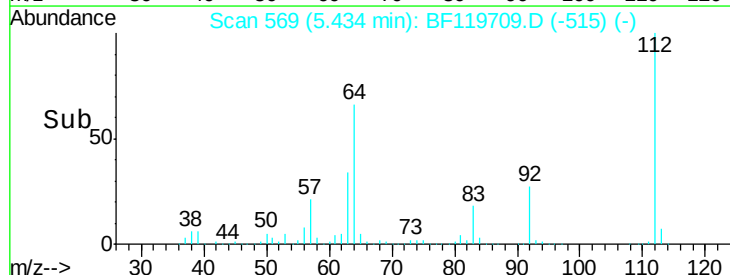
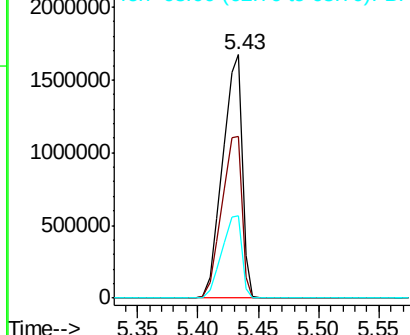


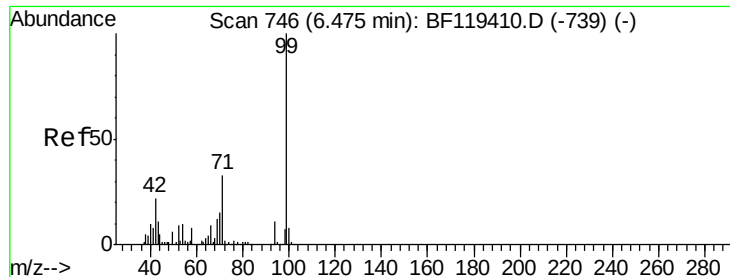
#5
 2-Fluorophenol
 Concen: 136.943 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF119709.D
 Acq: 3 Apr 2020 10:43

Tgt Ion:112 Resp: 1874930
 Ion Ratio Lower Upper
 112 100
 64 66.2 56.7 85.1
 63 33.7 29.5 44.3



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: 134.809 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

Instrument :

BNA_F

ClientSampleId :

PB127799BL

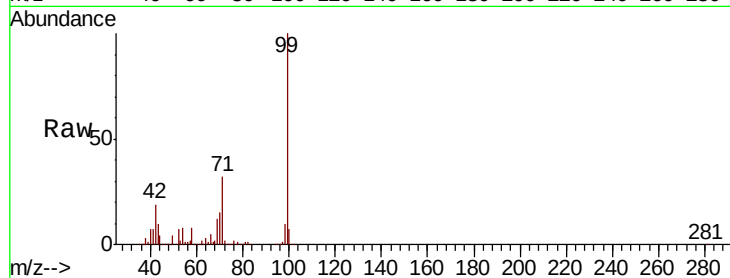
Tot Ion: 99 Resp: 2357770

Ion Ratio Lower Upper

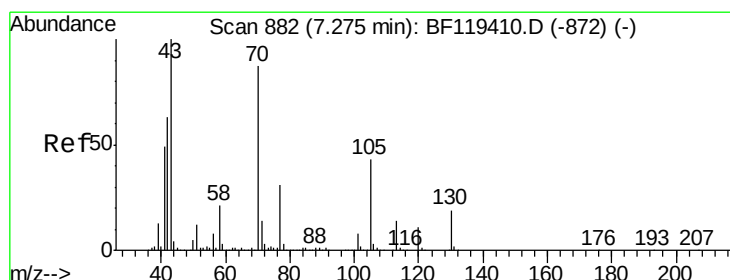
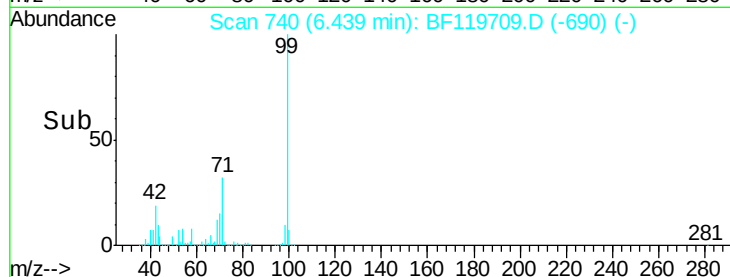
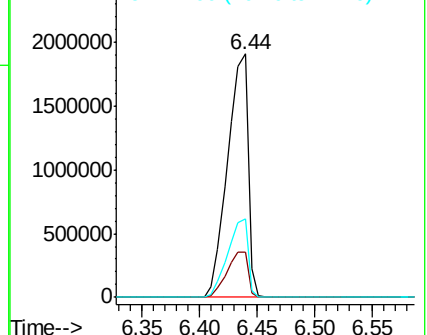
99 100

42 18.7 16.6 24.8

71 32.1 26.4 39.6



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: 17.987 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

Tgt Ion: 70 Resp: 189616

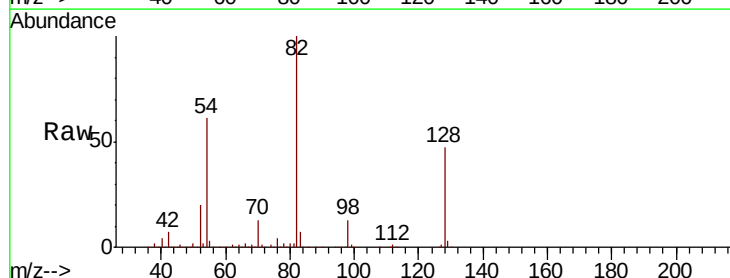
Ion Ratio Lower Upper

70 100

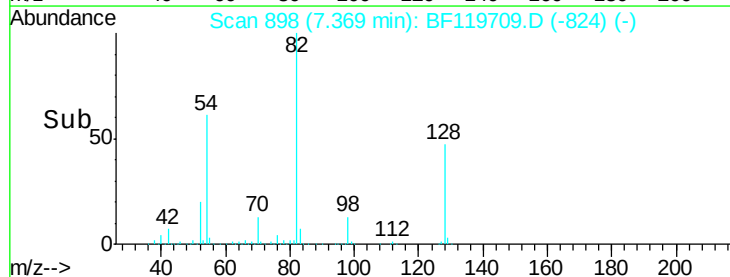
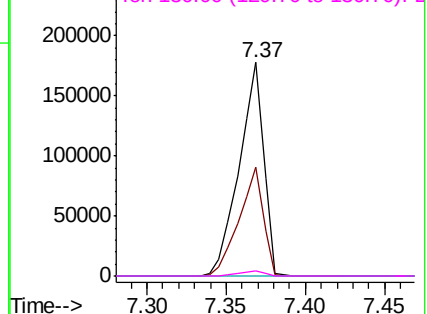
42 50.9 54.5 81.7#

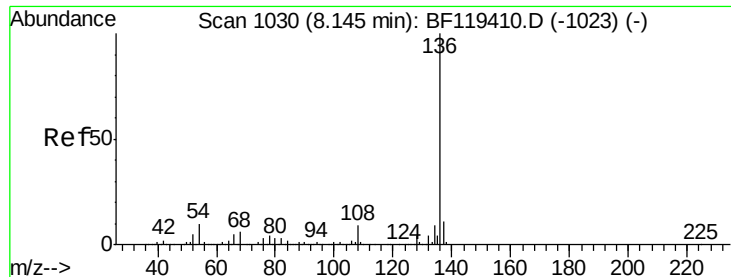
101 0.0 7.6 11.4#

130 2.3 17.6 26.4#



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

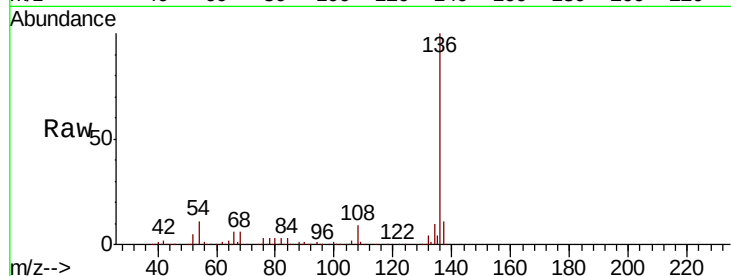




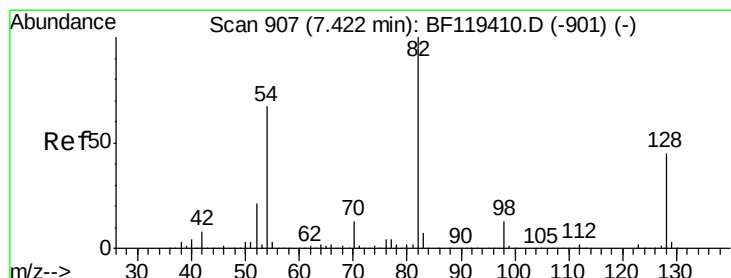
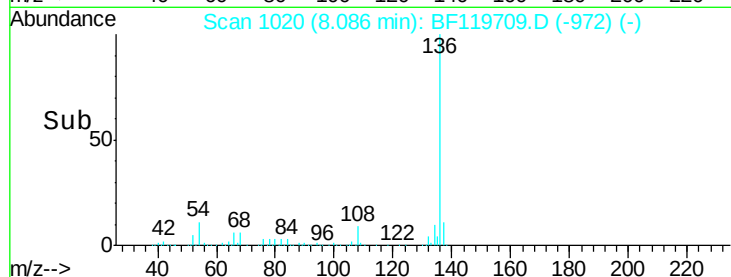
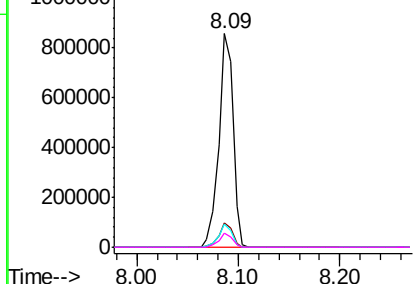
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119709.D
Acq: 3 Apr 2020 10:43

Instrument :
BNA_F
ClientSampleId :
PB127799BL

Tot Ion:136	Resp:	836516	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.7	13.1	
54 10.6	9.1	13.7	
68 6.3	4.6	6.8	

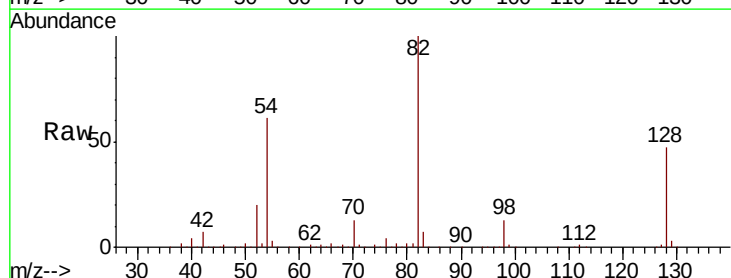


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

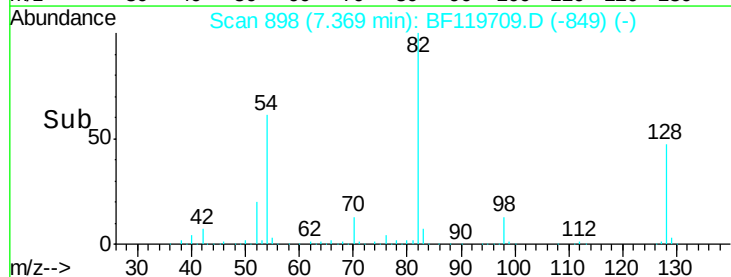
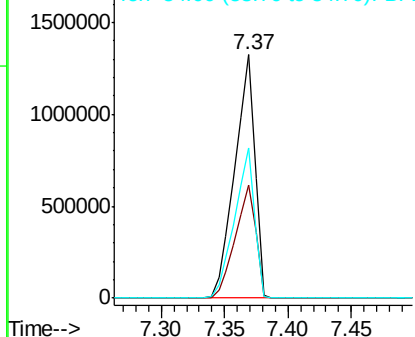


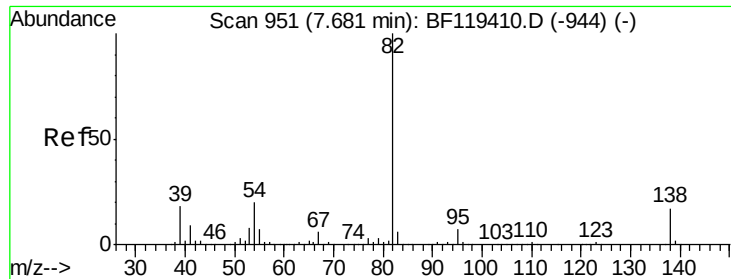
#23
Nitrobenzene-d5
Concen: 93.823 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119709.D
Acq: 3 Apr 2020 10:43

Tgt Ion: 82	Resp: 1444115
Ion Ratio	Lower Upper
82 100	
128 46.7	36.3 54.5
54 61.5	50.6 75.8



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: 46.247 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

Instrument :

BNA_F

ClientSampleId :

PB127799BL

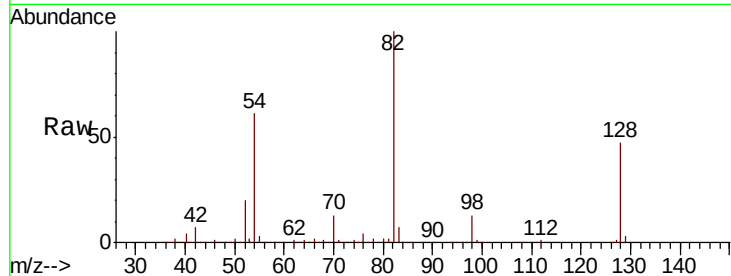
Tot Ion: 82 Resp: 1443967

Ion Ratio Lower Upper

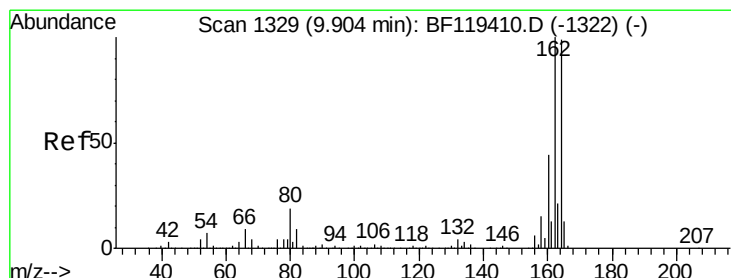
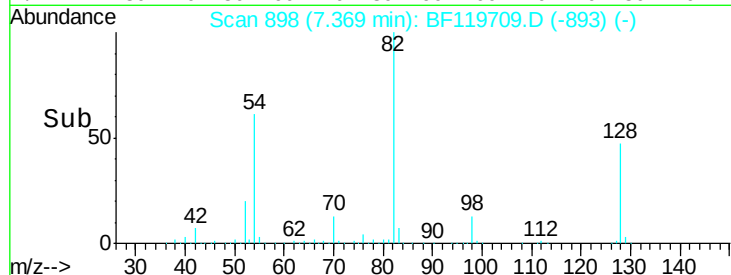
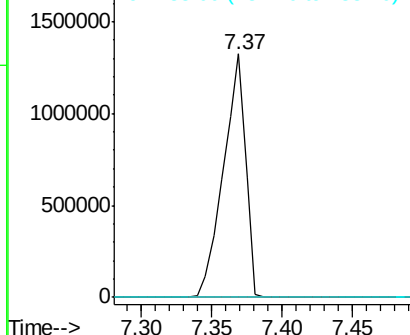
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

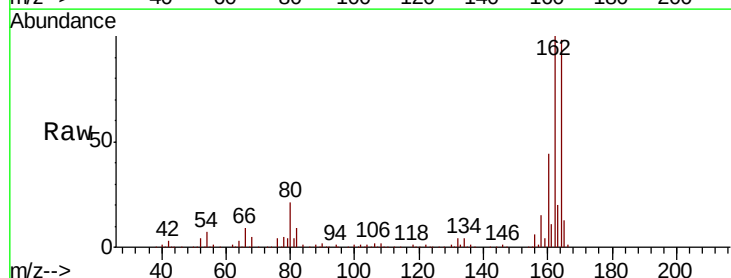
Tgt Ion:164 Resp: 425811

Ion Ratio Lower Upper

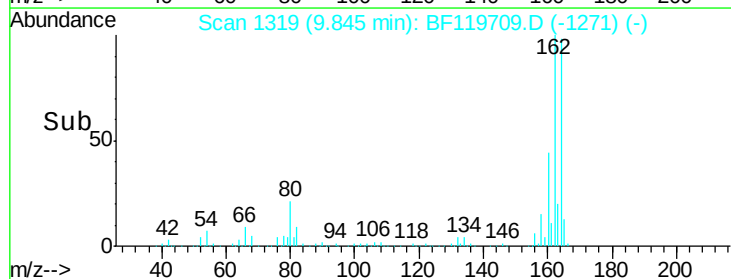
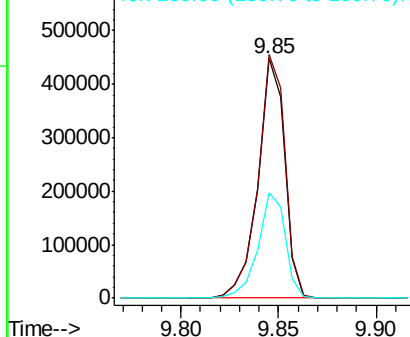
164 100

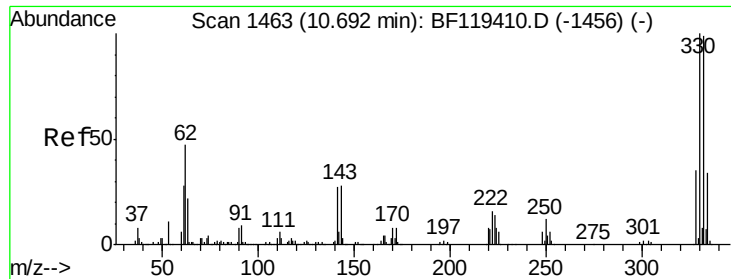
162 101.6 80.6 121.0

160 44.2 35.7 53.5



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: 149.840 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

Instrument :

BNA_F

ClientSampleId :

PB127799BL

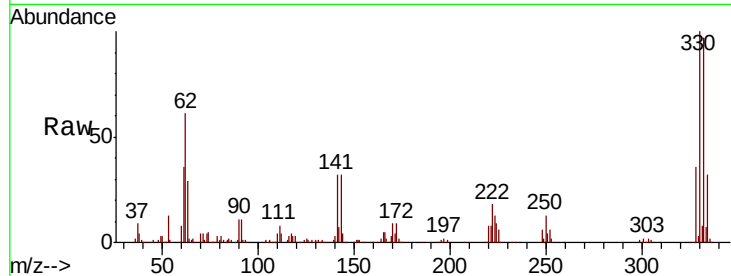
Tot Ion:330 Resp: 658240

Ion Ratio Lower Upper

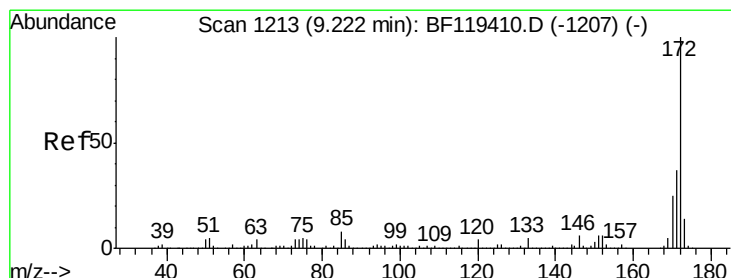
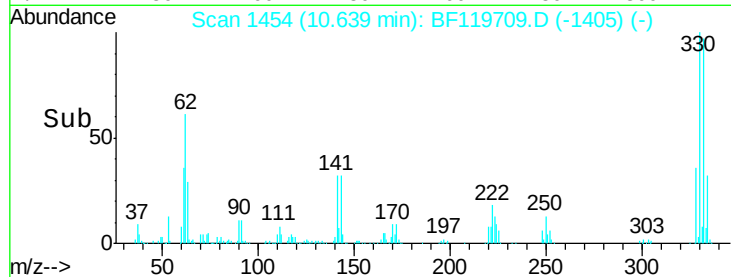
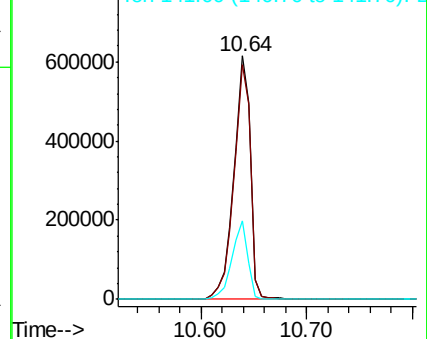
330 100

332 97.3 75.7 113.5

141 31.2 25.4 38.0



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: 90.881 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

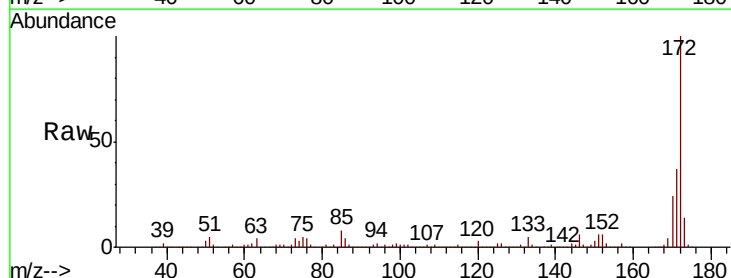
Tgt Ion:172 Resp: 2612138

Ion Ratio Lower Upper

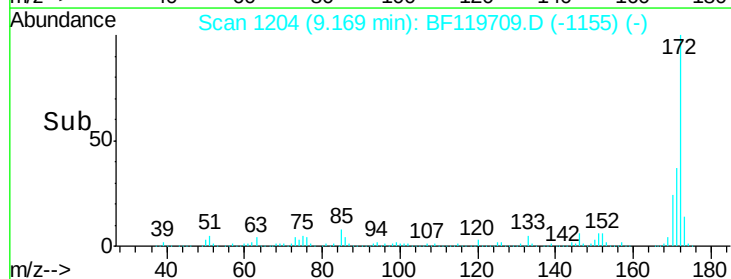
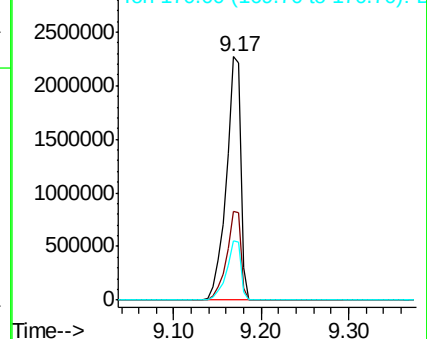
172 100

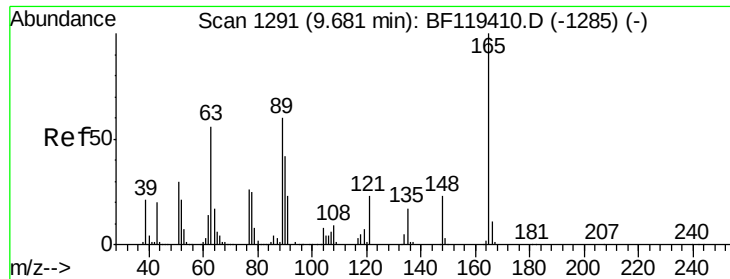
171 36.6 29.6 44.4

170 24.4 20.2 30.2



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





#51

2,6-Dinitrotoluene

Concen: 8.507 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

Instrument :

BNA_F

ClientSampleId :

PB127799BL

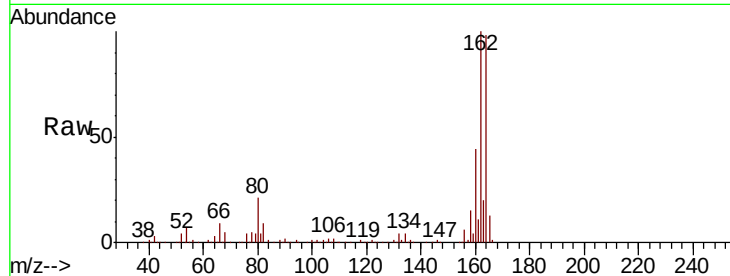
Tot Ion:165 Resp: 55153

Ion Ratio Lower Upper

165 100

63 1.2 45.0 67.4#

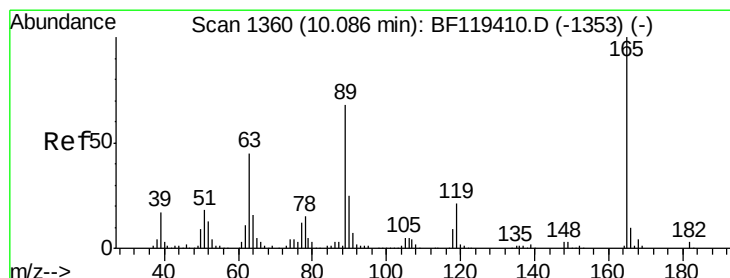
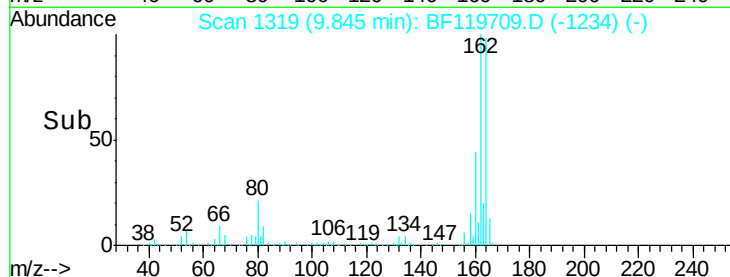
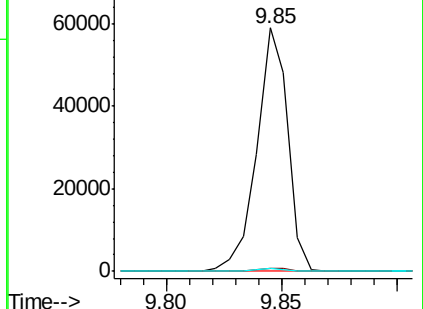
89 1.4 41.5 62.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.753 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

Tgt Ion:165 Resp: 55153

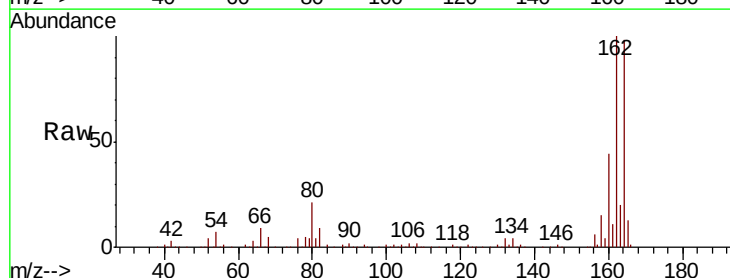
Ion Ratio Lower Upper

165 100

63 1.2 42.6 64.0#

89 1.4 61.0 91.4#

182 0.0 2.2 3.2#

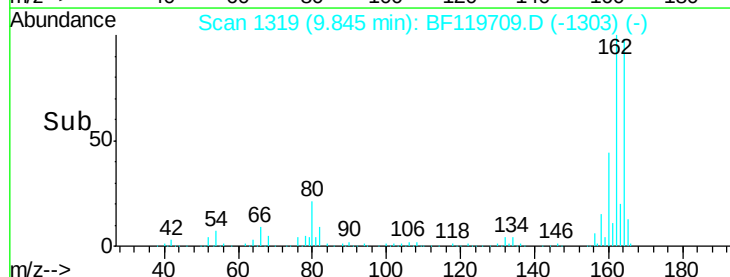
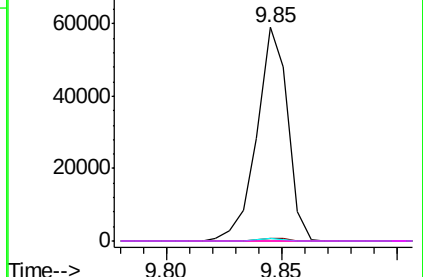


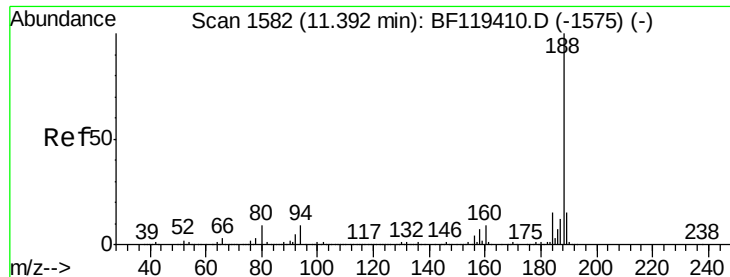
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

Instrument :

BNA_F

ClientSampleId :

PB127799BL

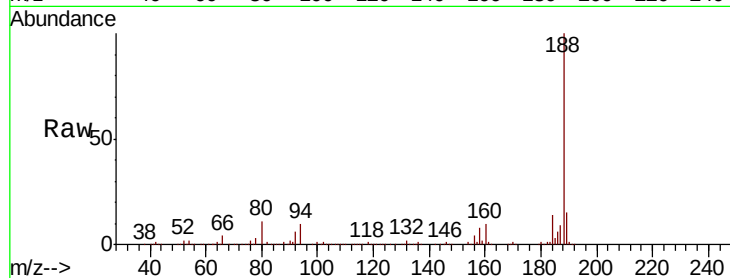
Tot Ion:188 Resp: 838299

Ion Ratio Lower Upper

188 100

94 10.1 7.5 11.3

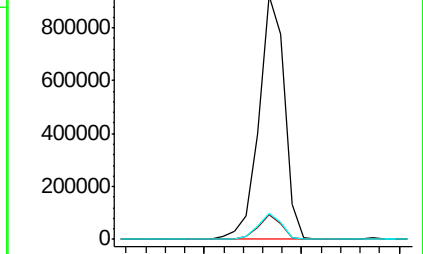
80 10.6 9.0 13.4



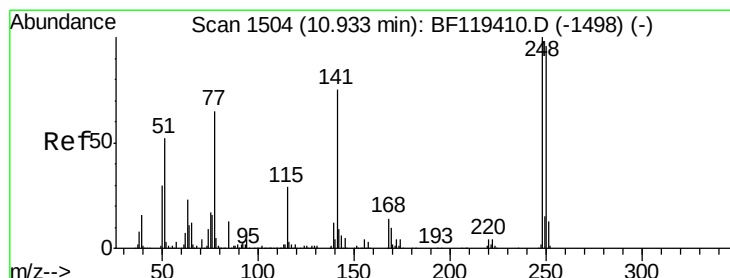
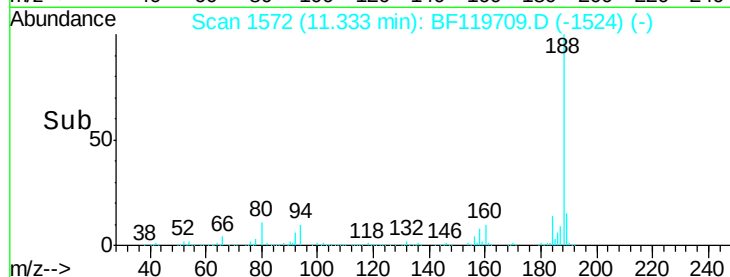
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.148 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.25 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

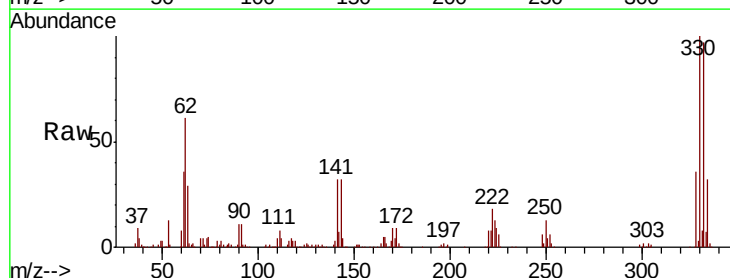
Tgt Ion:248 Resp: 39603

Ion Ratio Lower Upper

248 100

250 200.6 77.3 115.9#

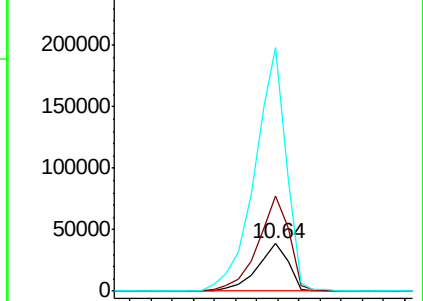
141 511.9 58.6 87.8#



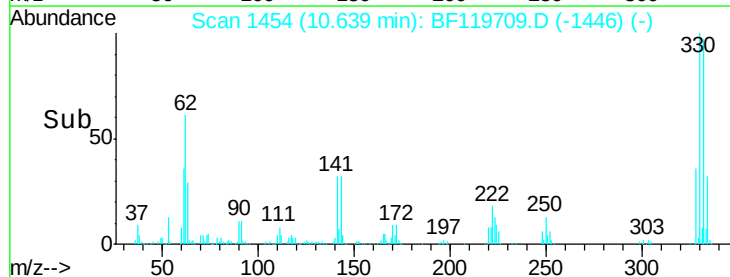
Abundance Ion 248.00 (247.70 to 248.70): E

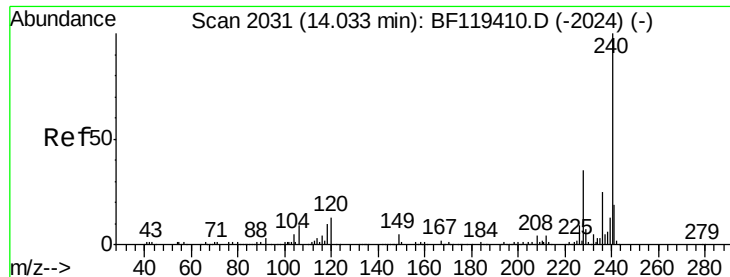
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

Instrument :

BNA_F

ClientSampleID :

PB127799BL

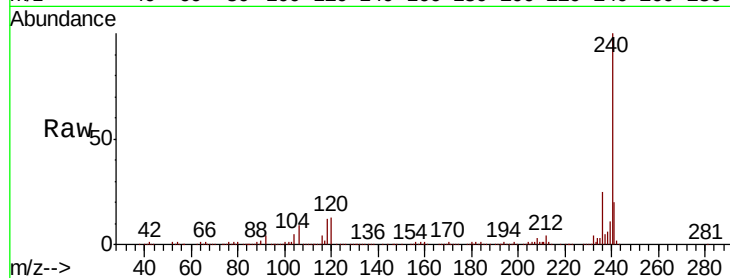
Tot Ion:240 Resp: 692958

Ion Ratio Lower Upper

240 100

120 12.9 10.6 15.8

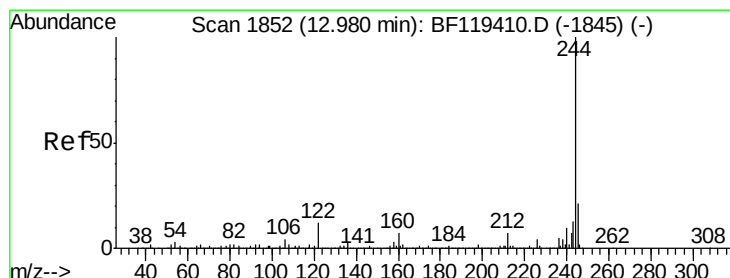
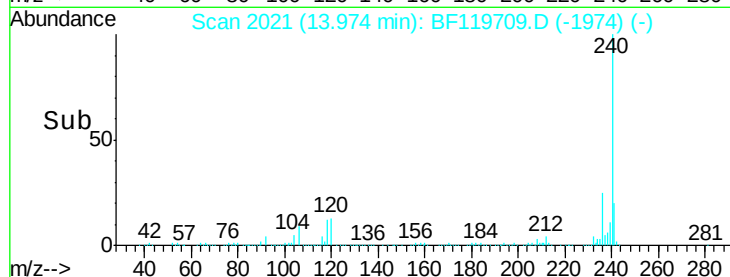
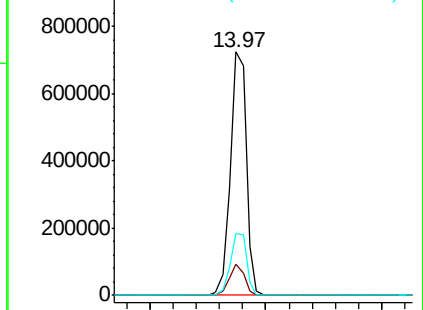
236 25.2 20.2 30.2



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: 85.284 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF119709.D

Acq: 3 Apr 2020 10:43

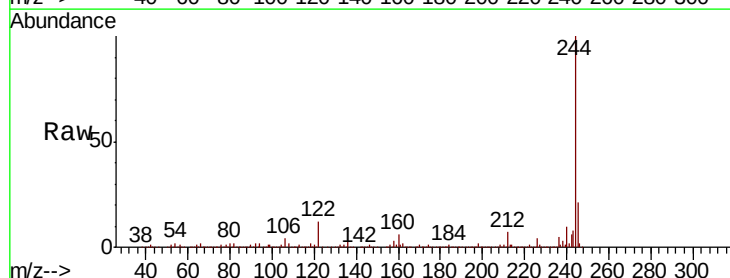
Tgt Ion:244 Resp: 3016412

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

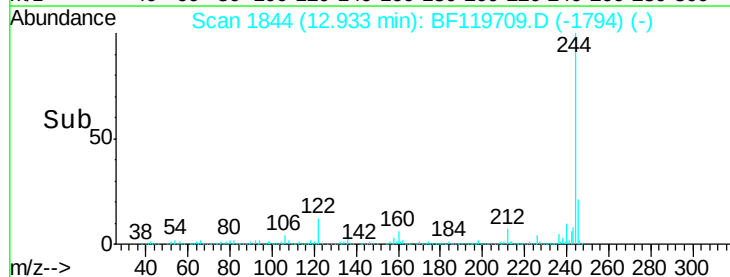
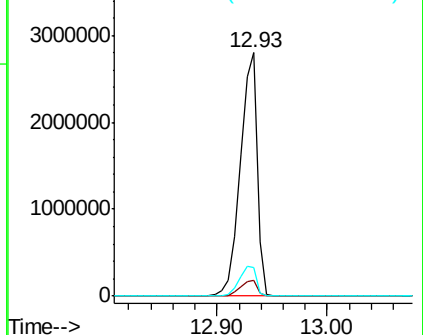
122 11.6 10.3 15.5

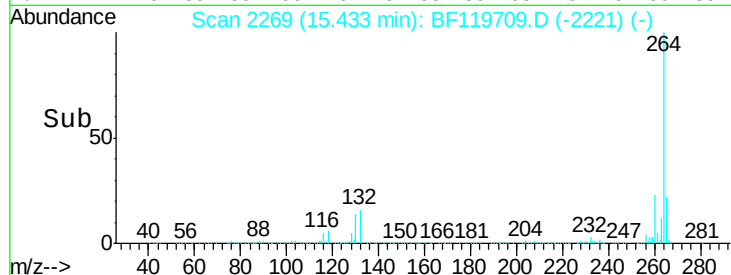
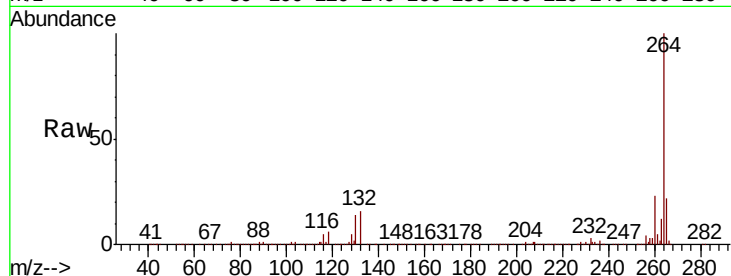
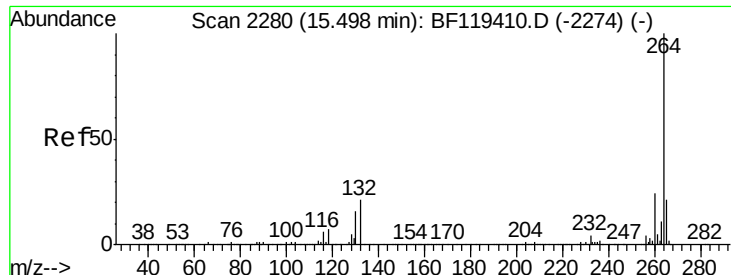


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF119709.D
 Acq: 3 Apr 2020 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BL

Tot Ion:	264	Resp:	729348
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	17.7	26.5

