

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119692.D
 Acq On : 2 Apr 2020 3:03
 Operator : MA/SJ
 Sample : L2089-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1D-(0-2)

Quant Time: Apr 02 04:37:53 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

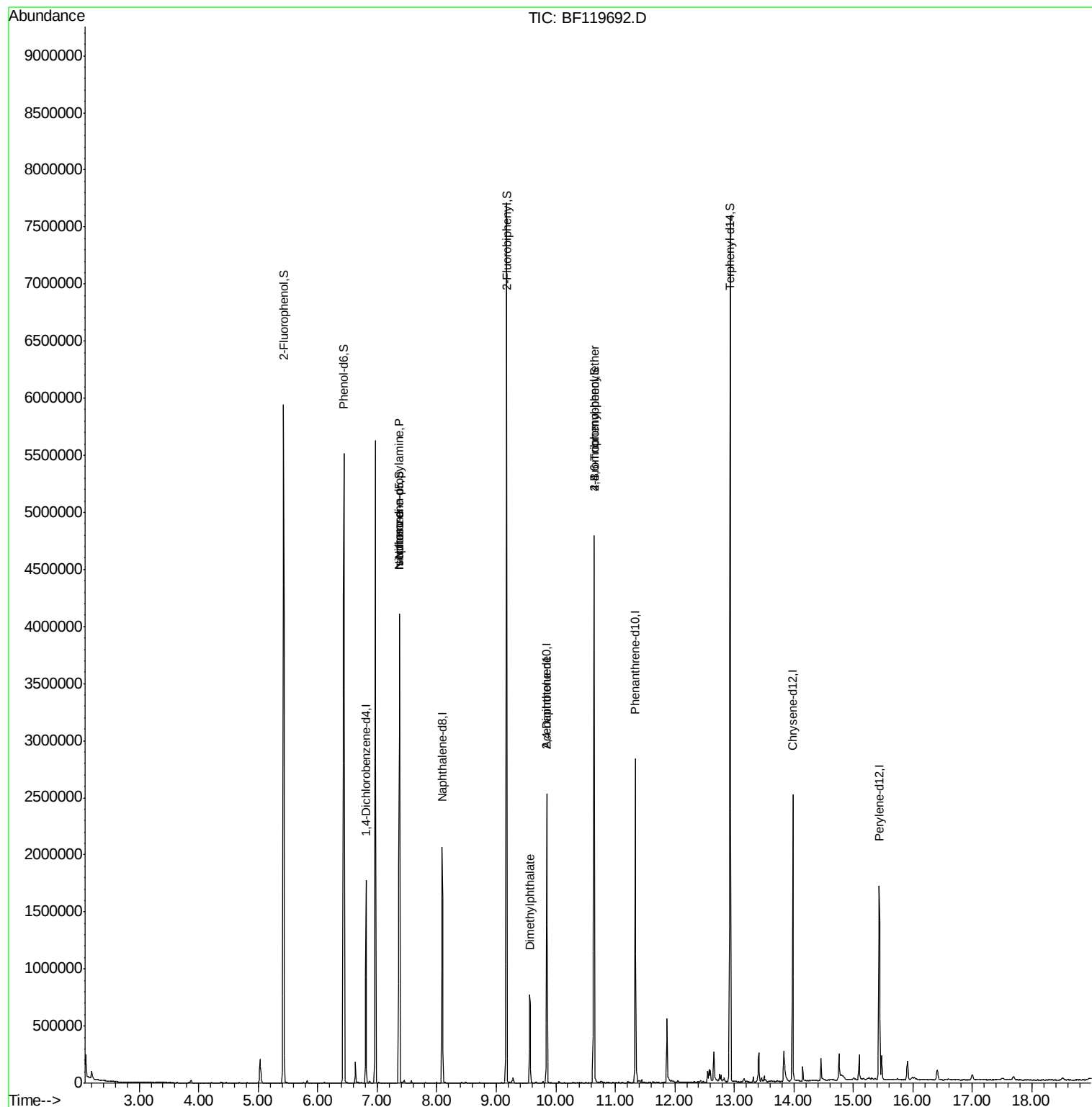
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	238927	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	938271	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	508411	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	1017534	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	810331	20.00	ng	-0.02
87) Perylene-d12	15.43	264	791192	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1720101	114.61	ng	0.01
7) Phenol-d6	6.44	99	2228938	116.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	1380187	79.95	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	692563	132.04	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2579656	75.17	ng	0.00
79) Terphenyl-d14	12.93	244	2985769	72.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	177938	15.40	ng	# 75
25) Isophorone	7.37	82	1380175	39.41	ng	# 65
50) Dimethylphthalate	9.56	163	327341	9.06	ng	100
57) 2,4-Dinitrotoluene	9.85	165	64021	6.57	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	42325	3.65	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

Instrument :

BNA_F

ClientSampleId :

SB-1D-(0-2)

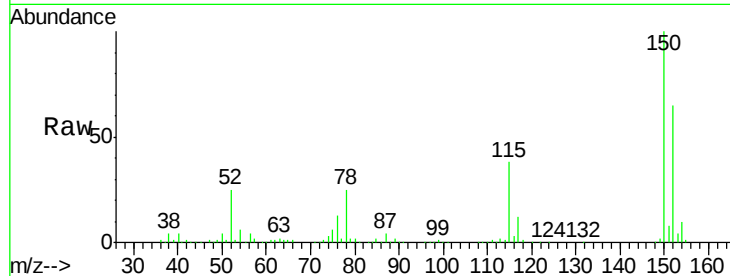
Tgt Ion:152 Resp: 238927

Ion Ratio Lower Upper

152 100

150 154.8 124.5 186.7

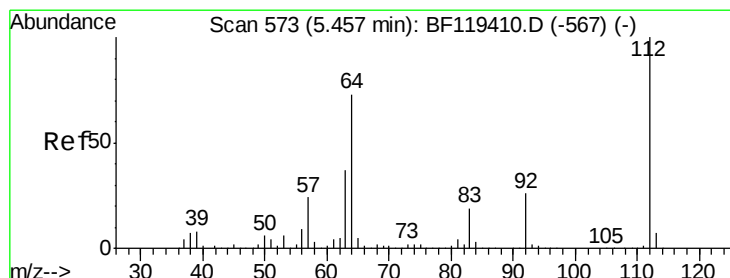
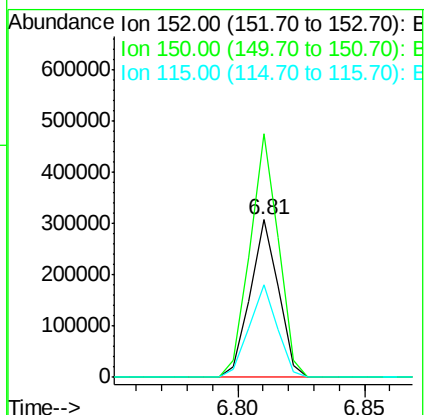
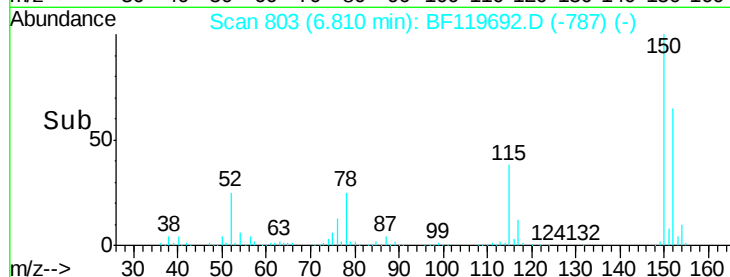
115 58.9 49.6 74.4



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: 114.61 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

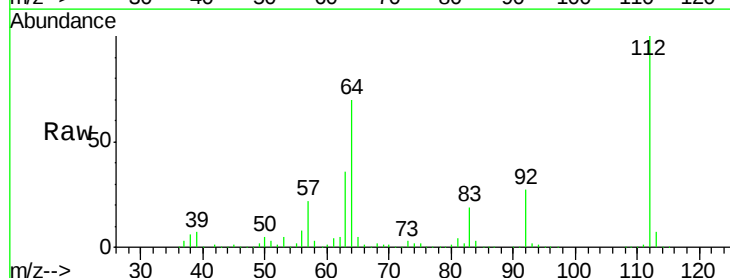
Tgt Ion:112 Resp: 1720101

Ion Ratio Lower Upper

112 100

64 69.9 56.7 85.1

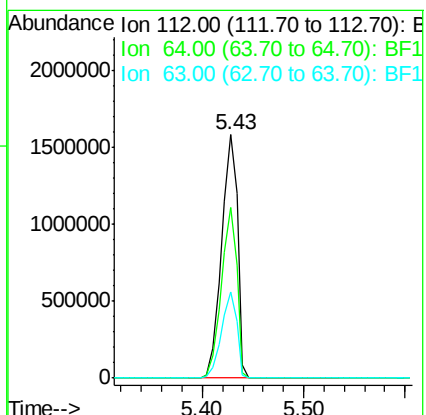
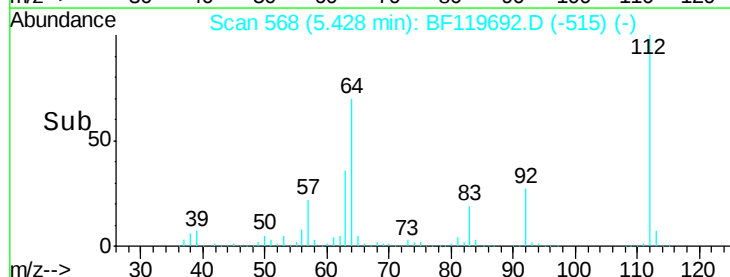
63 35.5 29.5 44.3

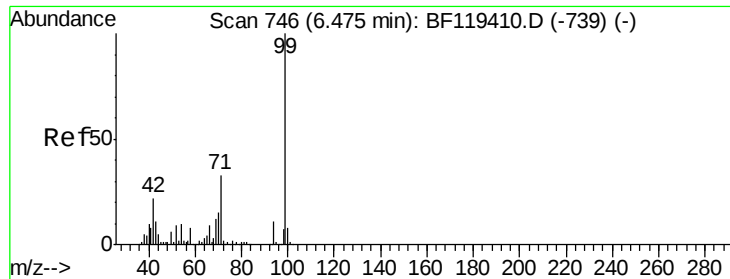


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 116.26 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

Instrument :

BNA_F

ClientSampleId :

SB-1D-(0-2)

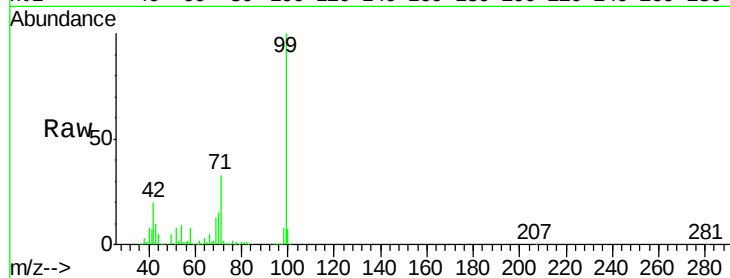
Tgt Ion: 99 Resp: 2228938

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

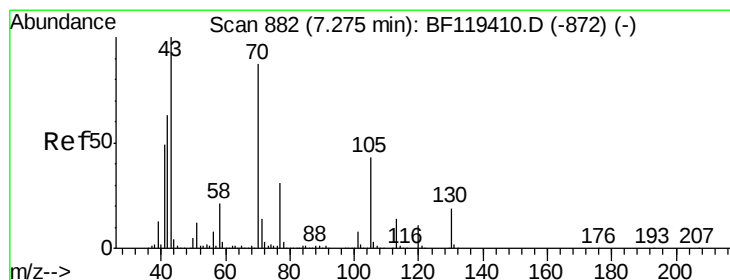
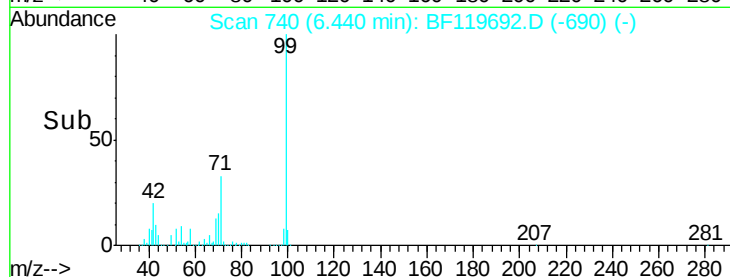
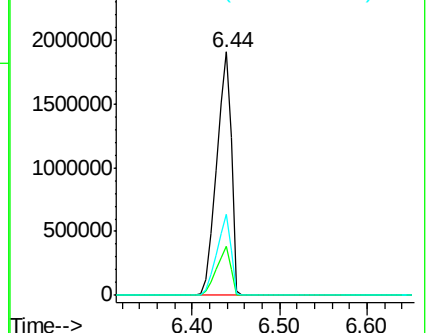
71 33.2 26.4 39.6



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: 15.40 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

Tgt Ion: 70 Resp: 177938

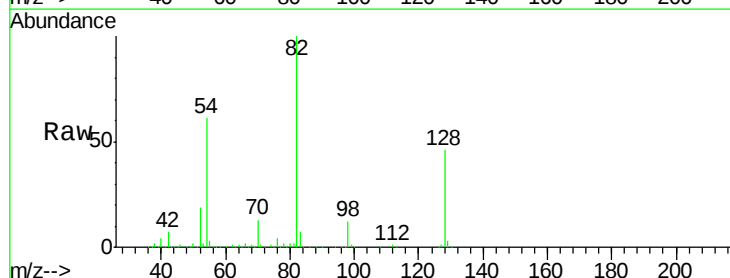
Ion Ratio Lower Upper

70 100

42 52.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

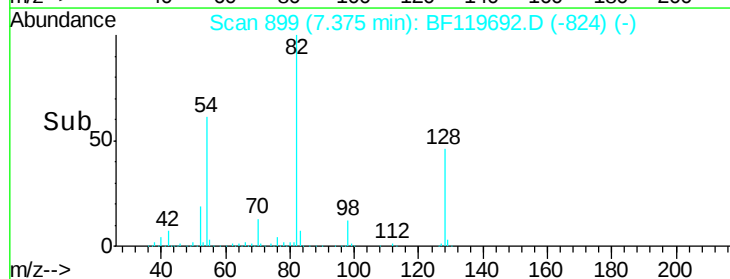
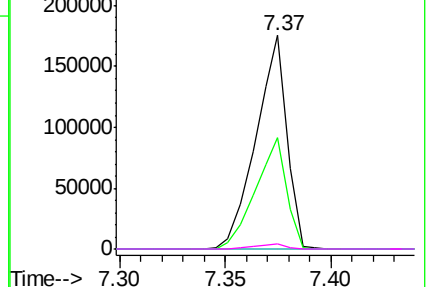


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

Instrument :

BNA_F

ClientSampleId :

SB-1D-(0-2)

Tgt Ion:136 Resp: 938271

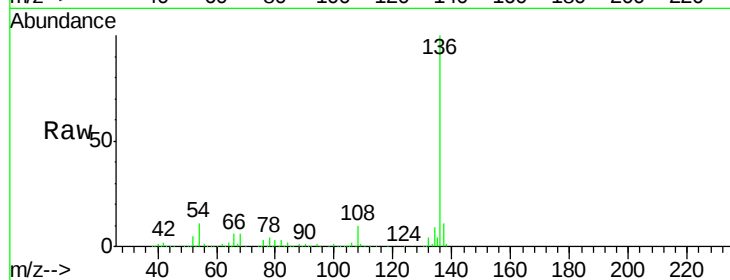
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.8 9.1 13.7

68 6.3 4.6 6.8

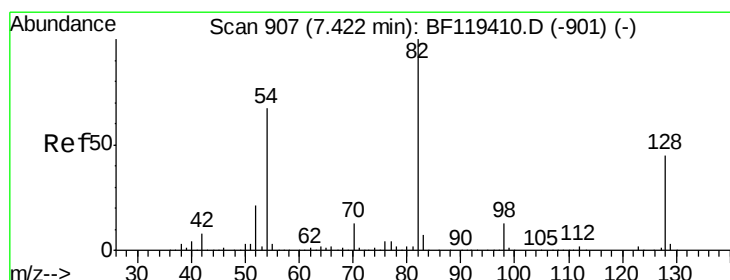
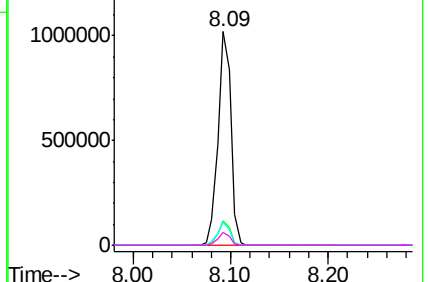
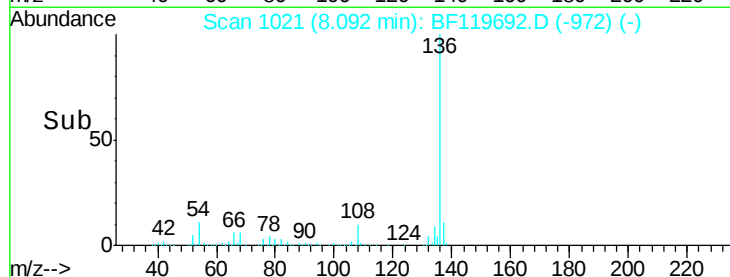


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.95 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

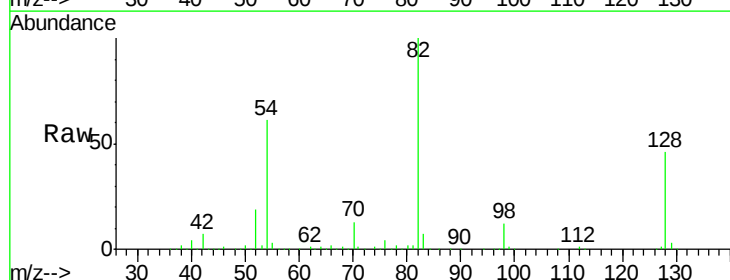
Tgt Ion: 82 Resp: 1380187

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

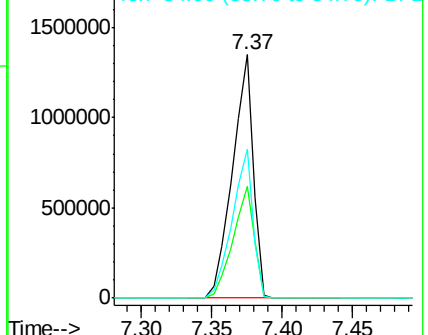
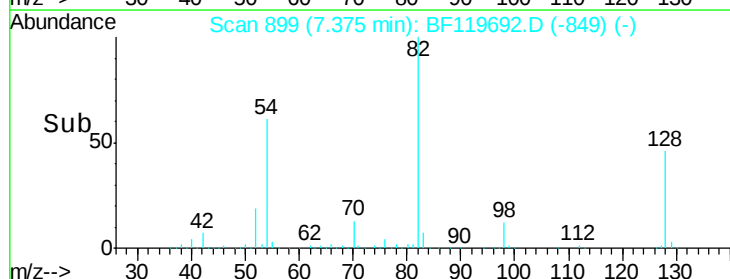
54 60.9 50.6 75.8

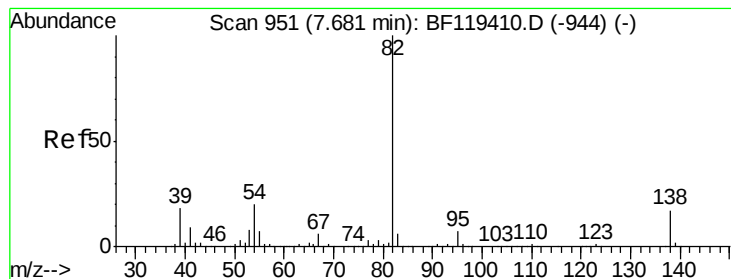


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.41 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

Instrument :

BNA_F

ClientSampleId :

SB-1D-(0-2)

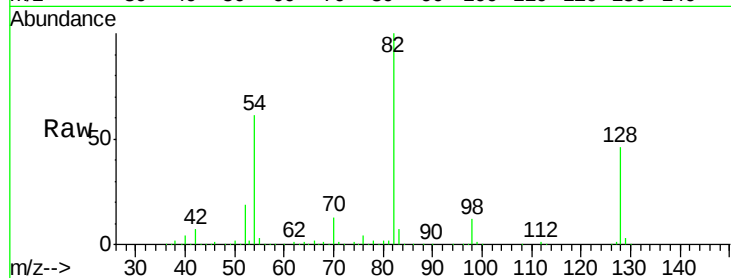
Tgt Ion: 82 Resp: 1380175

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

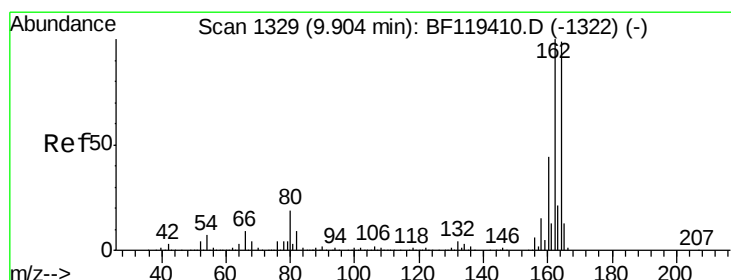
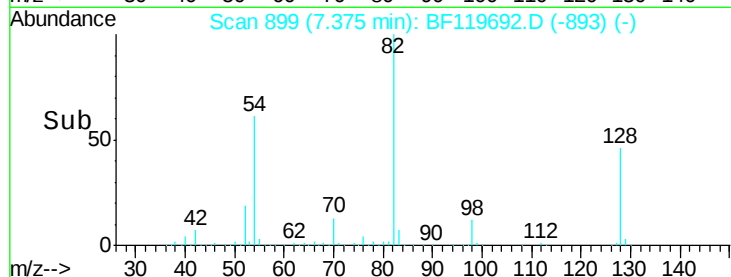
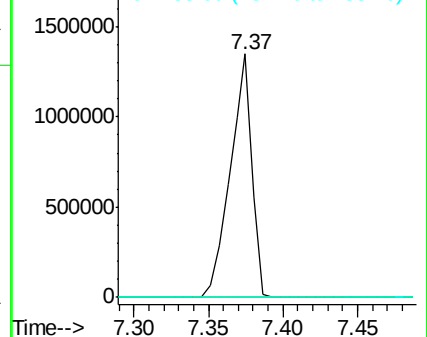
138 0.0 14.6 21.8#



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: 20.00 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

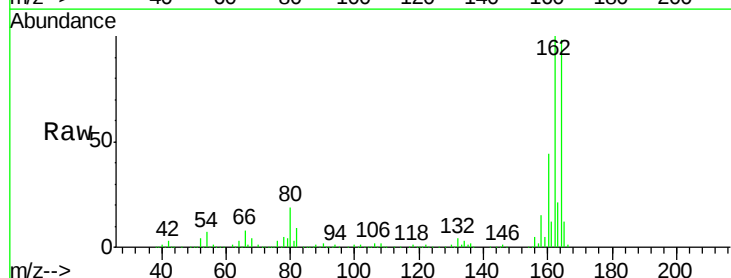
Tgt Ion: 164 Resp: 508411

Ion Ratio Lower Upper

164 100

162 102.4 80.6 121.0

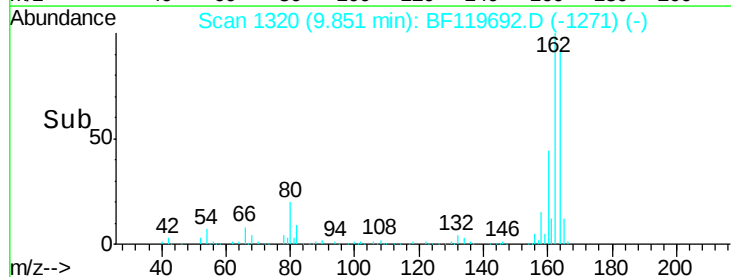
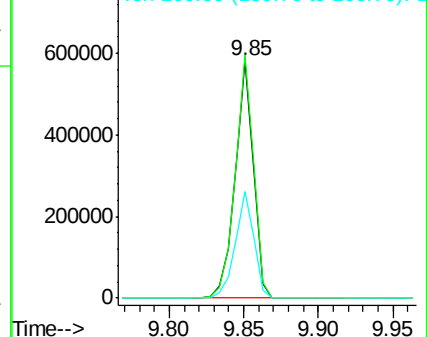
160 44.8 35.7 53.5



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: 132.04 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

Instrument :

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ClientSampleId :

SB-1D-(0-2)

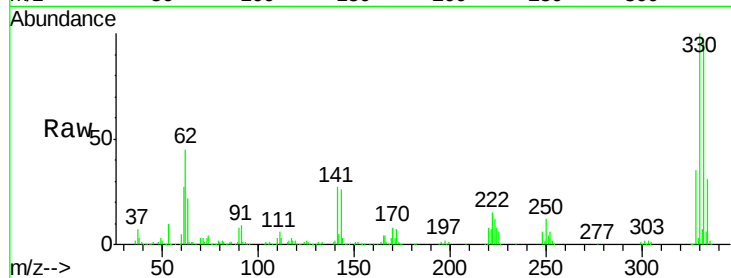
Tgt Ion:330 Resp: 692563

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

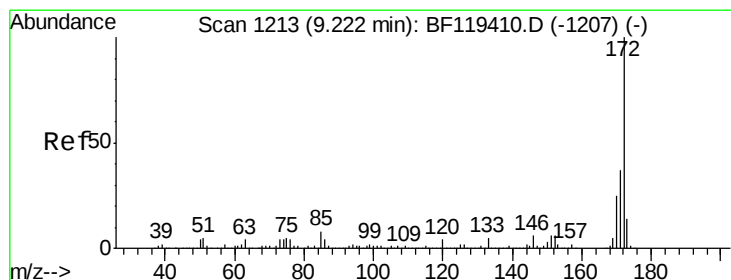
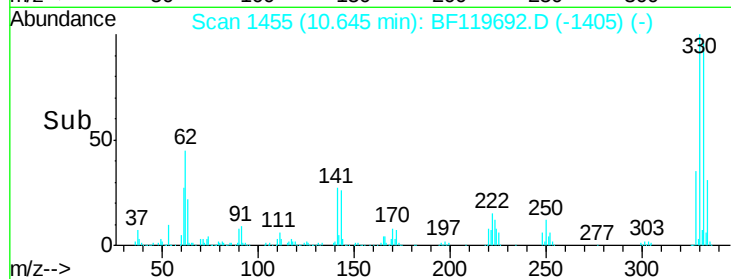
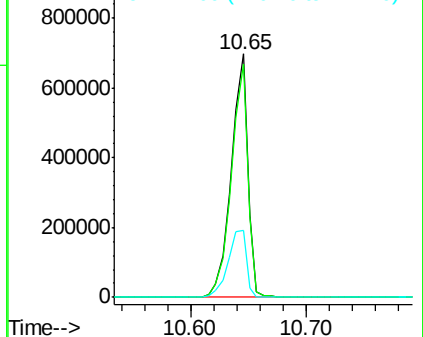
141 30.8 25.4 38.0



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: 75.17 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

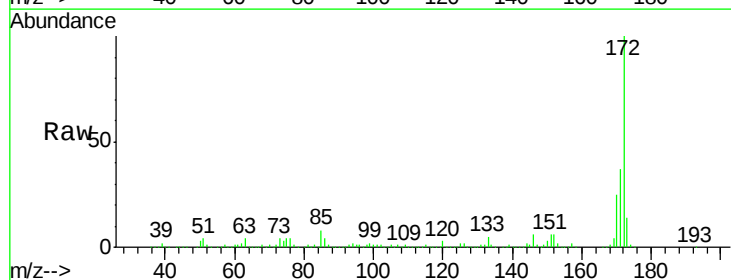
Tgt Ion:172 Resp: 2579656

Ion Ratio Lower Upper

172 100

171 37.4 29.6 44.4

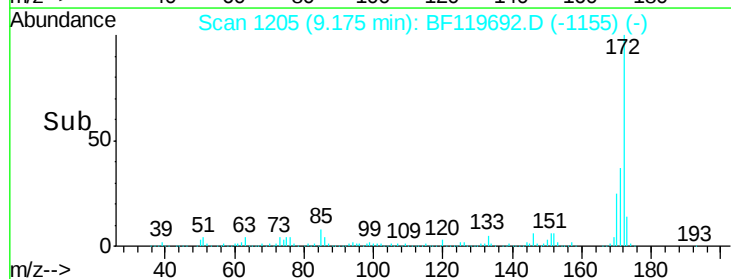
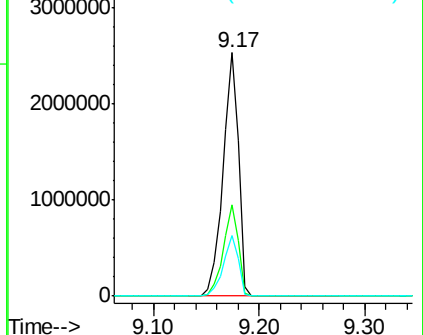
170 25.1 20.2 30.2

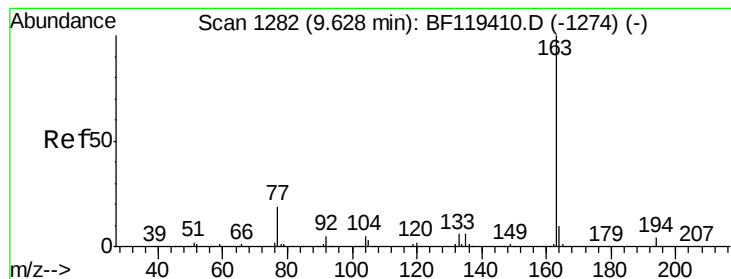


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.06 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF119692.D

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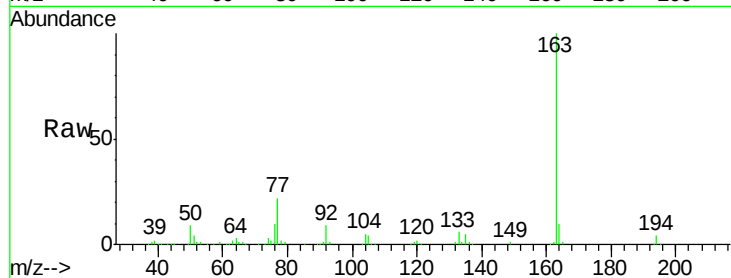
Tgt Ion:163 Resp: 327341

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

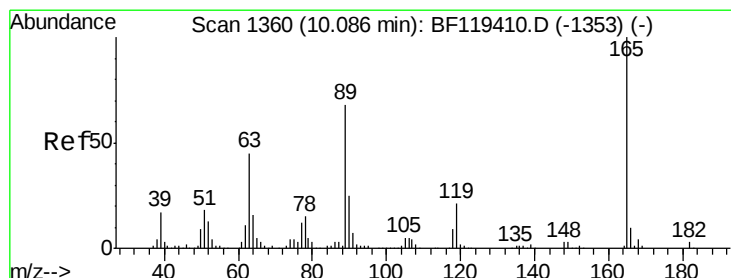
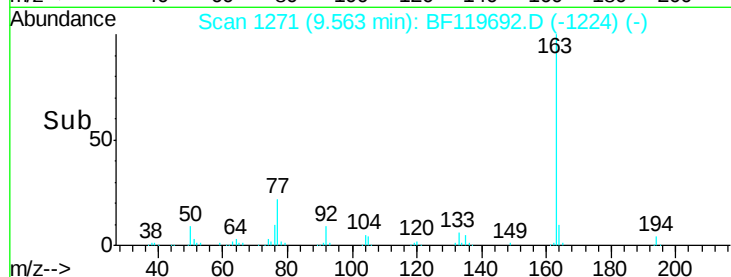
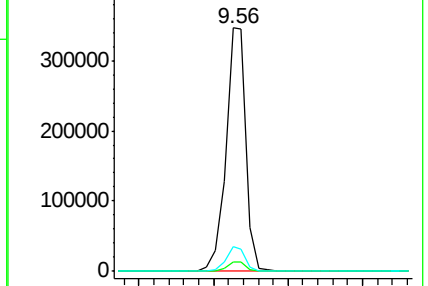
164 10.3 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 6.57 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.20 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

Tgt Ion:165 Resp: 64021

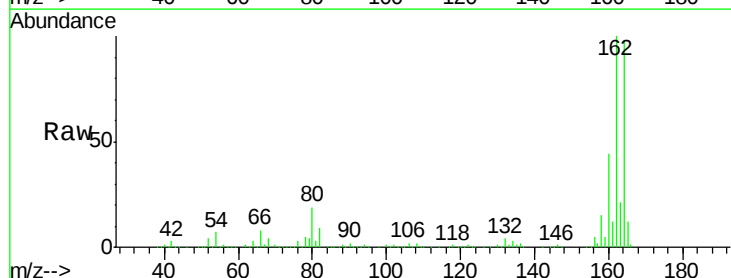
Ion Ratio Lower Upper

165 100

63 1.1 42.6 64.0#

89 0.7 61.0 91.4#

182 0.0 2.2 3.2#

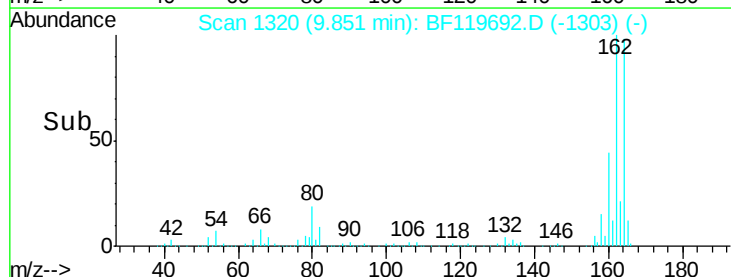
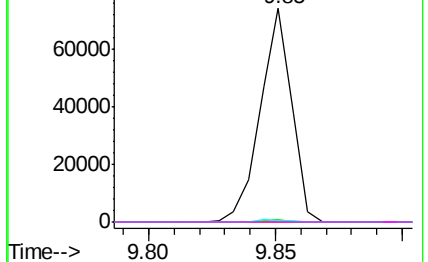


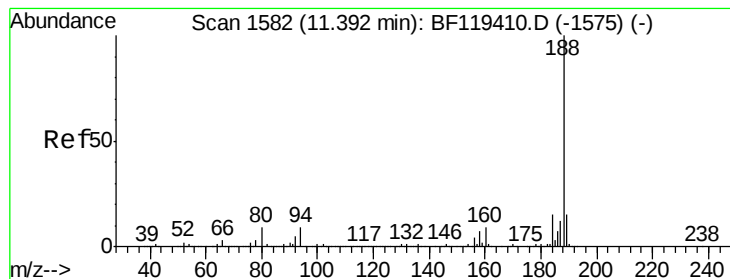
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

Instrument :

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SB-1D-(0-2)

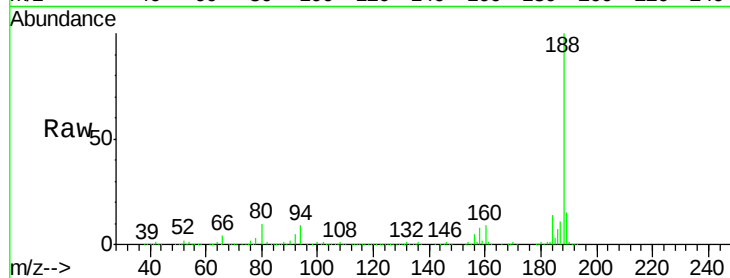
Tgt Ion:188 Resp: 1017534

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

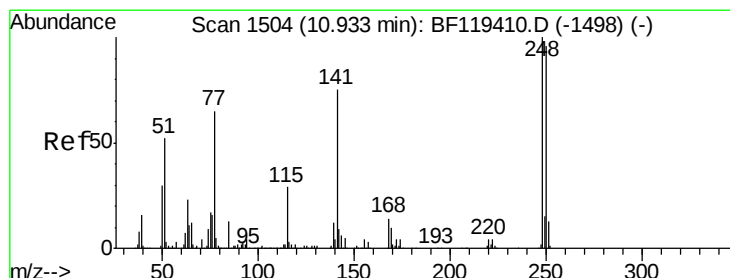
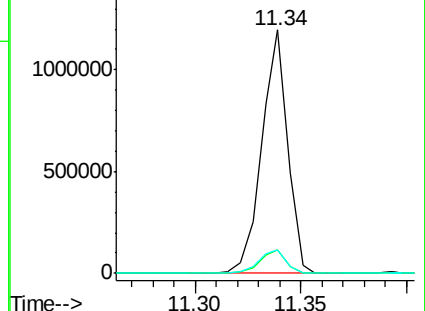
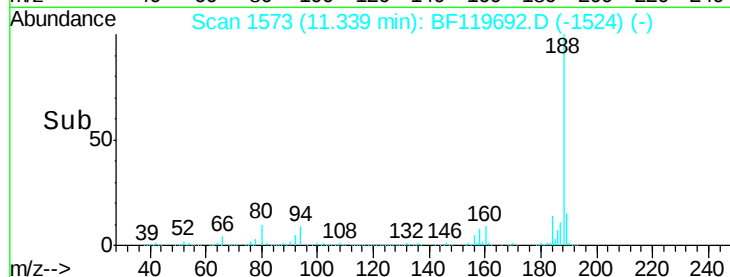
80 9.8 9.0 13.4



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



#67

4-Bromophenyl-phenylether

Concen: 3.65 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

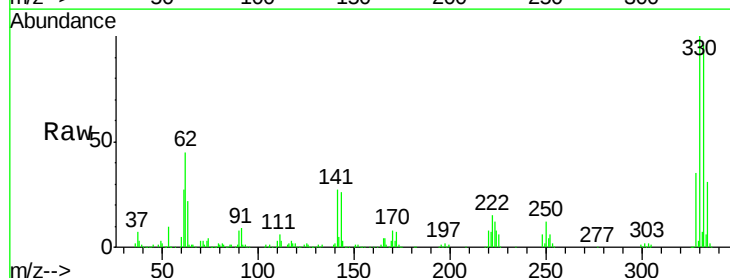
Tgt Ion:248 Resp: 42325

Ion Ratio Lower Upper

248 100

250 199.6 77.3 115.9#

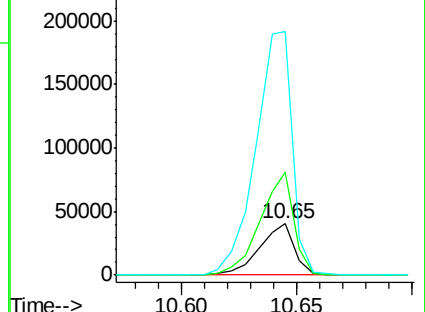
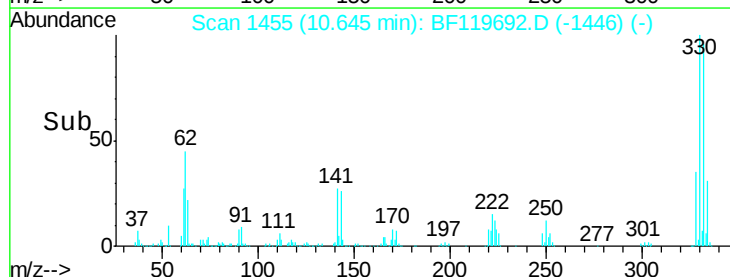
141 475.4 58.6 87.8#

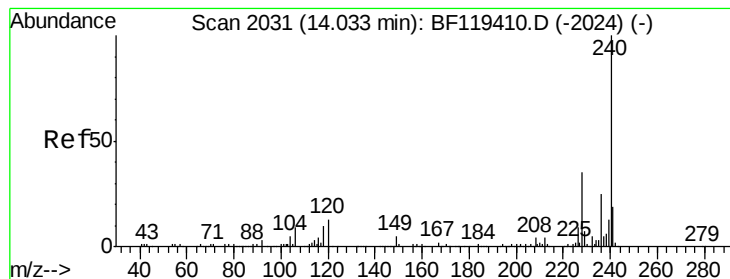


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

Instrument :

BNA_F

ClientSampleId :

SB-1D-(0-2)

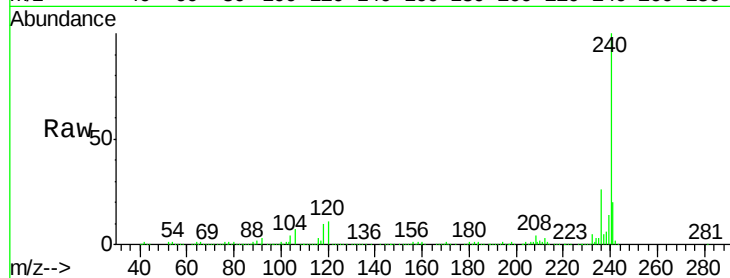
Tgt Ion:240 Resp: 810331

Ion Ratio Lower Upper

240 100

120 10.9 10.6 15.8

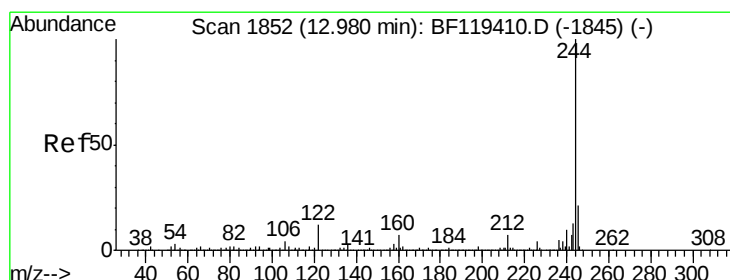
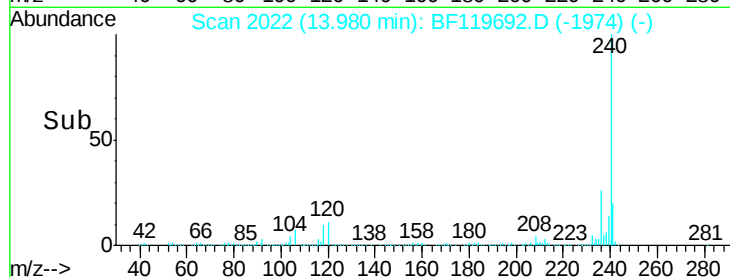
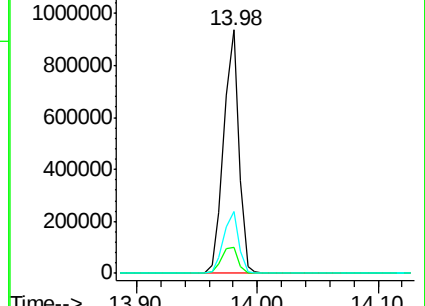
236 25.5 20.2 30.2



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: 72.19 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF119692.D

Acq: 2 Apr 2020 3:03

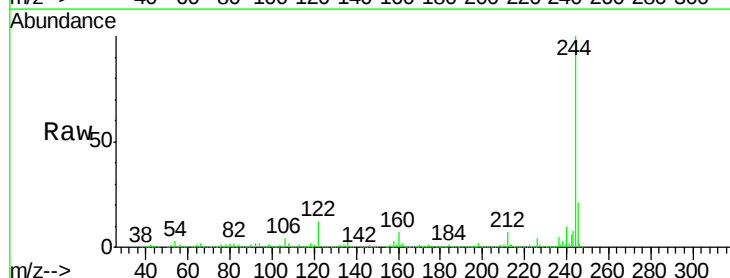
Tgt Ion:244 Resp: 2985769

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

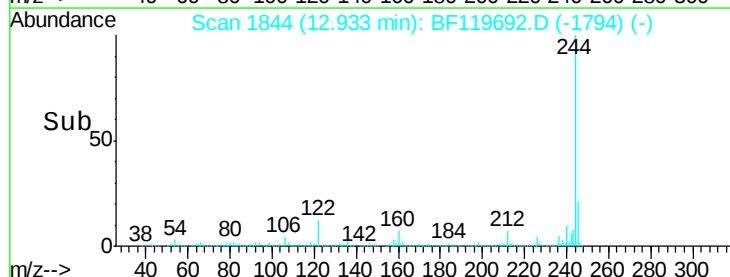
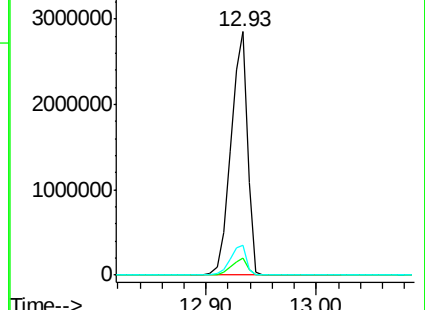
122 12.3 10.3 15.5

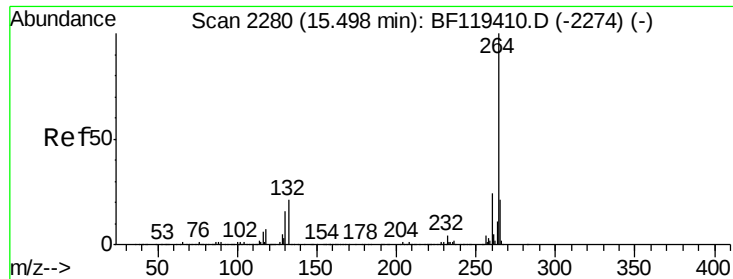


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF119692.D
Acq: 2 Apr 2020 3:03

Instrument :
BNA_F
ClientSampleId :
SB-1D-(0-2)

Tgt Ion: 264 Resp: 791192
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.9 17.7 26.5

