

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119683.D
 Acq On : 1 Apr 2020 19:04
 Operator : MA/SJ
 Sample : L2071-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INTERIOR-WALL

Quant Time: Apr 02 00:08:32 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

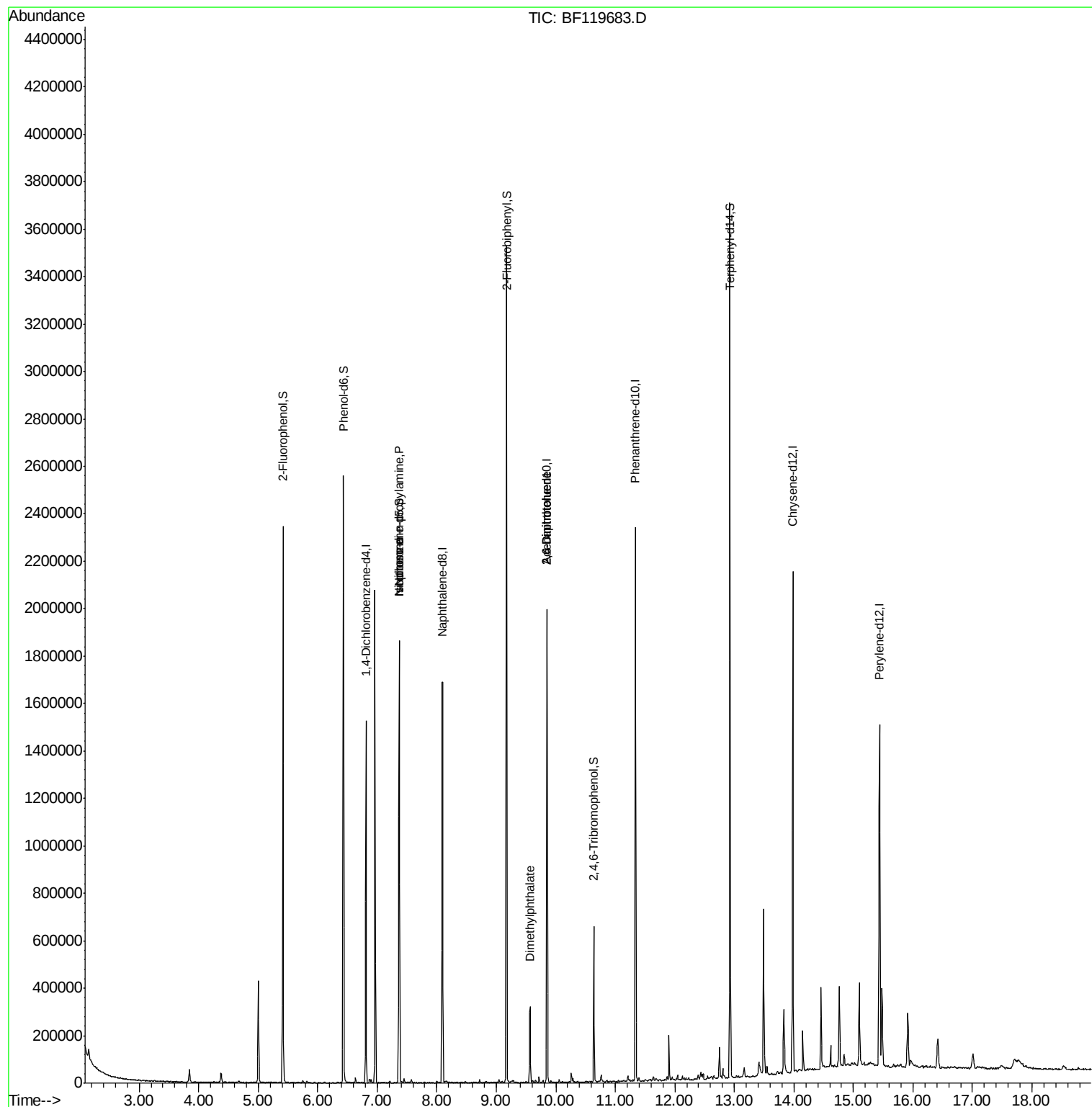
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	203473	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	784513	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	415162	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	811747	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	684900	20.00	ng	-0.02
87) Perylene-d12	15.44	264	616232	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	547726	42.85	ng	0.00
7) Phenol-d6	6.43	99	793991	48.63	ng	-0.01
23) Nitrobenzene-d5	7.37	82	496887	34.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	69680	16.27	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	1020321	36.41	ng	0.00
79) Terphenyl-d14	12.93	244	1287746	36.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	62962	6.40	ng	# 73
25) Isophorone	7.37	82	494724	16.90	ng	# 65
50) Dimethylphthalate	9.57	163	128350	4.35	ng	98
51) 2,6-Dinitrotoluene	9.85	165	54596	8.64	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	54596	6.86	ng	# 20

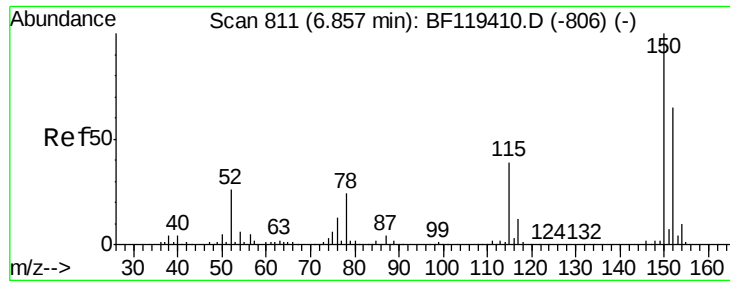
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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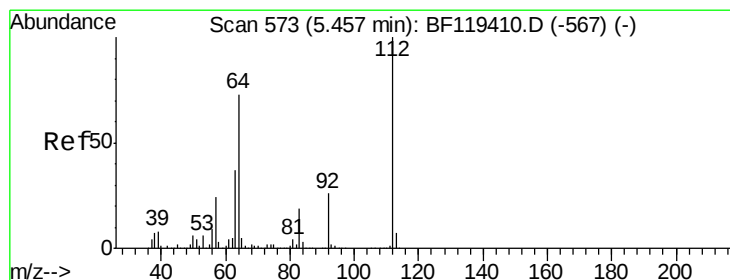
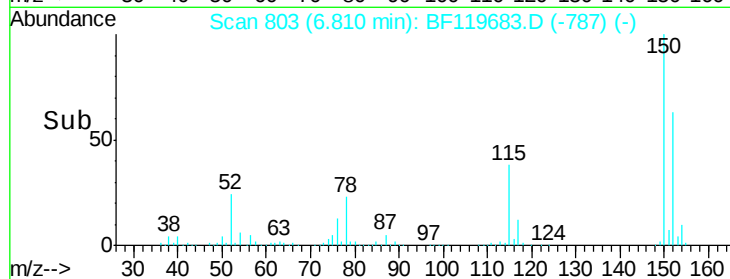
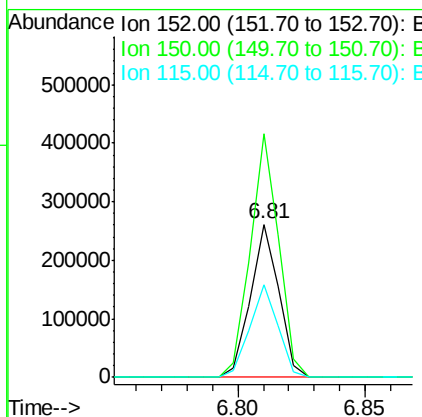
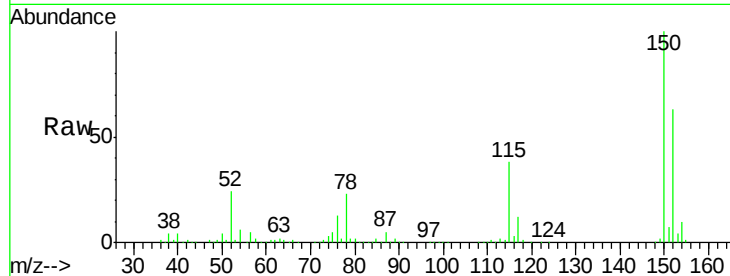




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119683.D
 Acq: 1 Apr 2020 19:04

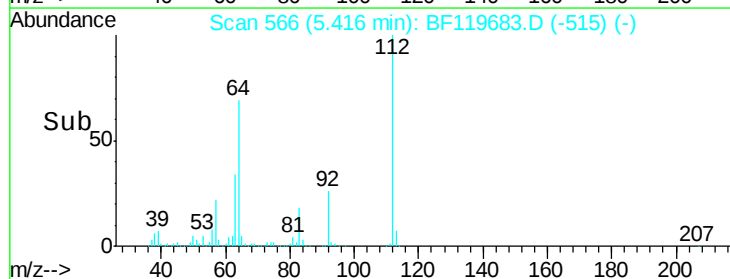
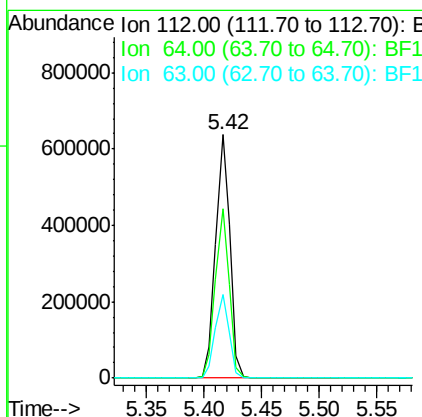
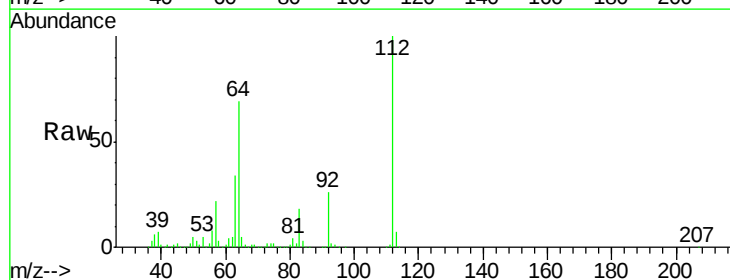
Instrument :
 BNA_F
 ClientSampleId :
 INTERIOR-WALL

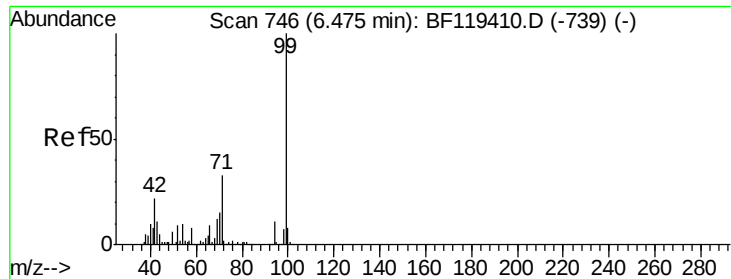
Tgt Ion:152 Resp: 203473
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.5 186.7
 115 60.2 49.6 74.4



#5
 2-Fluorophenol
 Concen: 42.85 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF119683.D
 Acq: 1 Apr 2020 19:04

Tgt Ion:112 Resp: 547726
 Ion Ratio Lower Upper
 112 100
 64 69.5 56.7 85.1
 63 34.4 29.5 44.3





#7

Phenol-d6

Concen: 48.63 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119683.D

Acq: 1 Apr 2020 19:04

Instrument :

BNA_F

ClientSampleId :

INTERIOR-WALL

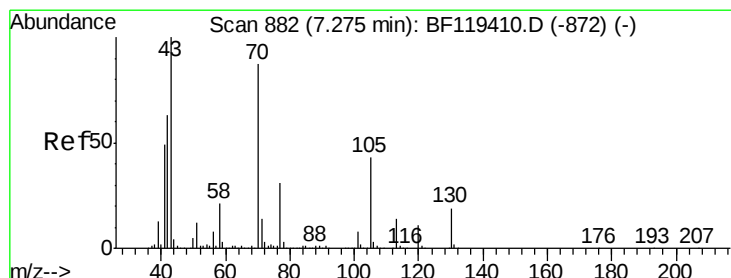
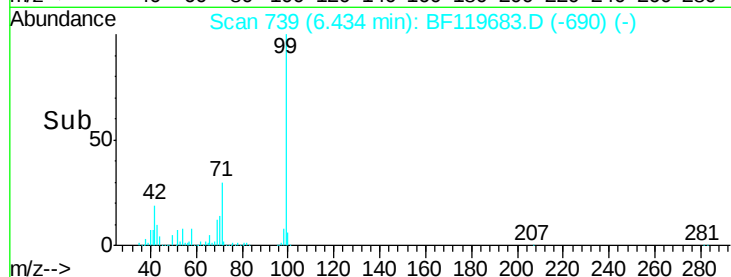
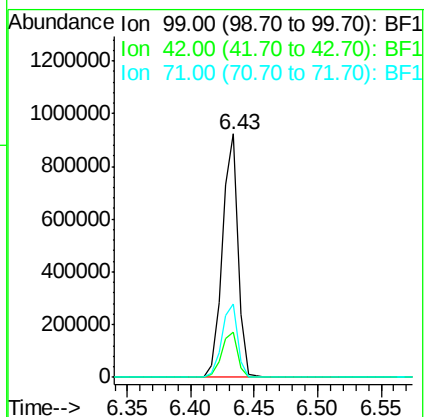
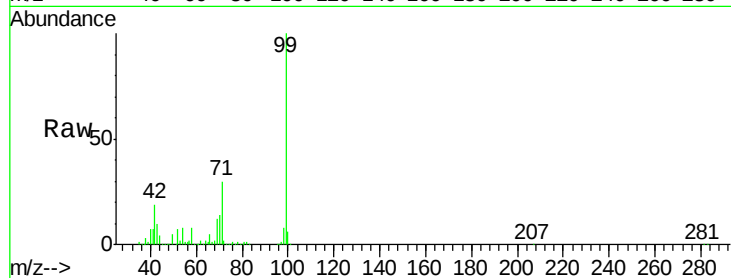
Tgt Ion: 99 Resp: 793991

Ion Ratio Lower Upper

99 100

42 18.7 16.6 24.8

71 30.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 6.40 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119683.D

Acq: 1 Apr 2020 19:04

Tgt Ion: 70 Resp: 62962

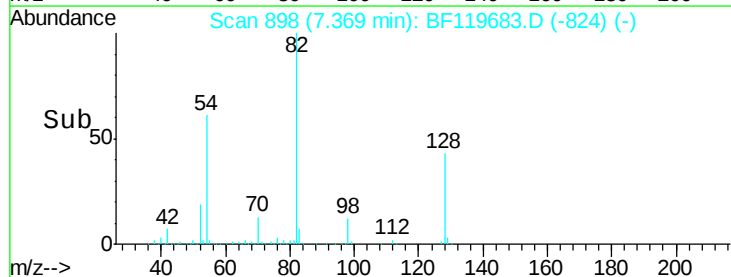
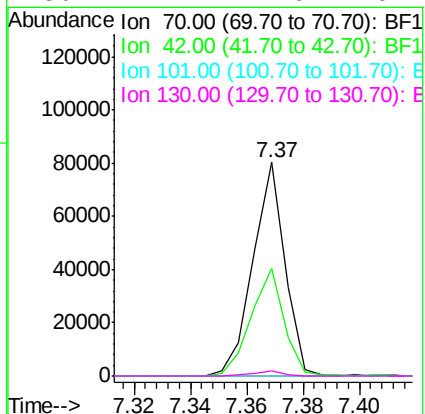
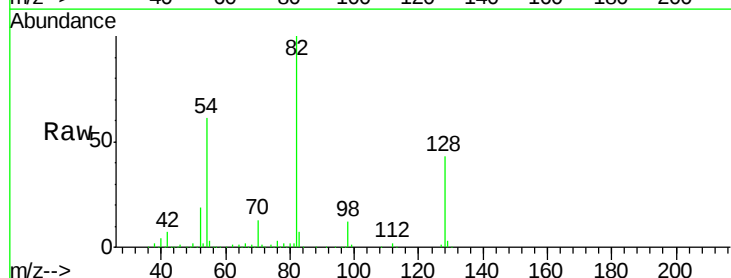
Ion Ratio Lower Upper

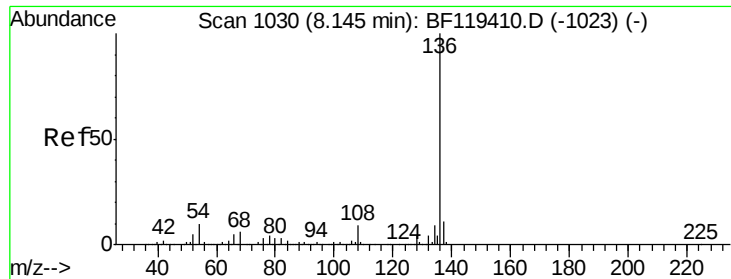
70 100

42 50.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119683.D

Acq: 1 Apr 2020 19:04

Instrument :

BNA_F

ClientSampleId :

INTERIOR-WALL

Tgt Ion:136 Resp: 784513

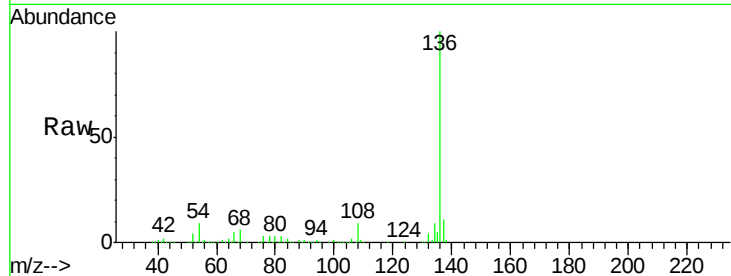
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.5 9.1 13.7

68 5.6 4.6 6.8

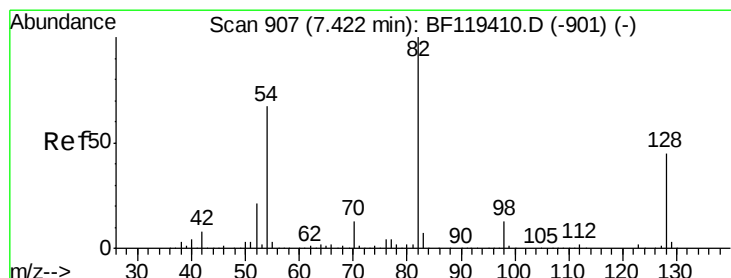
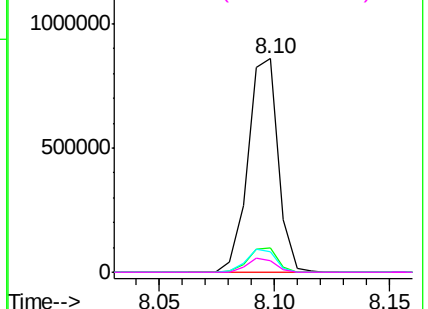
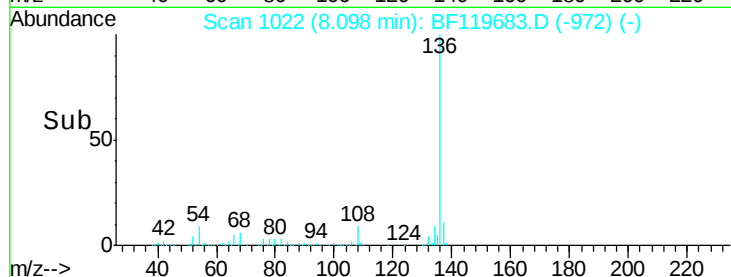


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.42 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119683.D

Acq: 1 Apr 2020 19:04

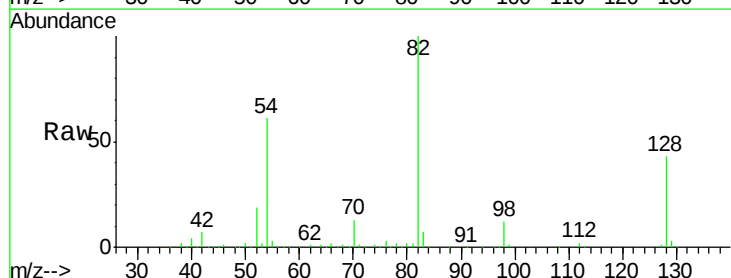
Tgt Ion: 82 Resp: 496887

Ion Ratio Lower Upper

82 100

128 43.5 36.3 54.5

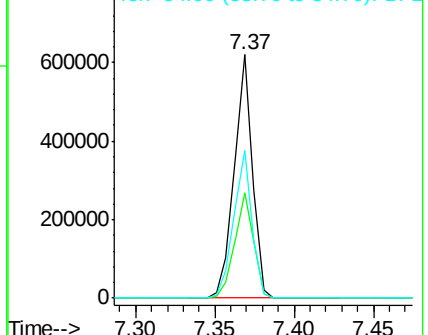
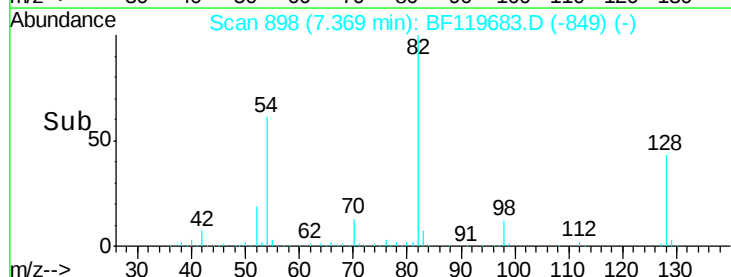
54 60.9 50.6 75.8

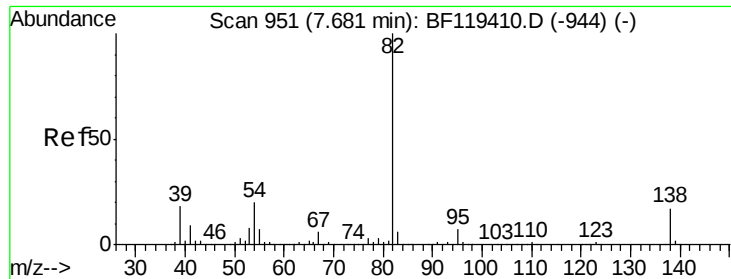


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 16.90 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119683.D

Acq: 1 Apr 2020 19:04

Instrument :

BNA_F

ClientSampleId :

INTERIOR-WALL

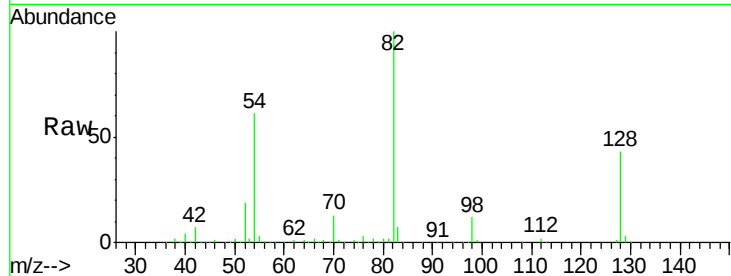
Tgt Ion: 82 Resp: 494724

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

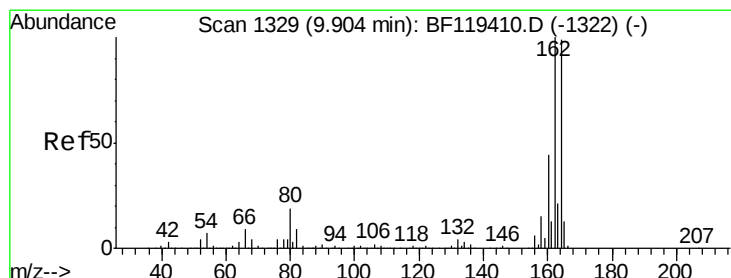
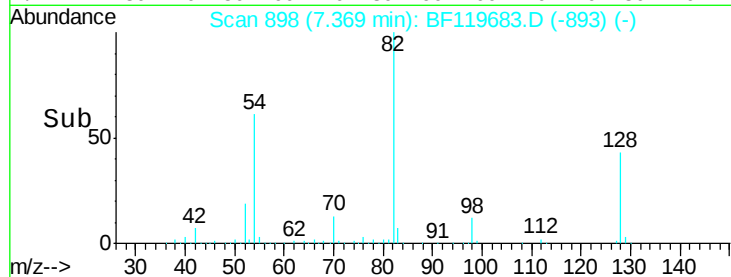
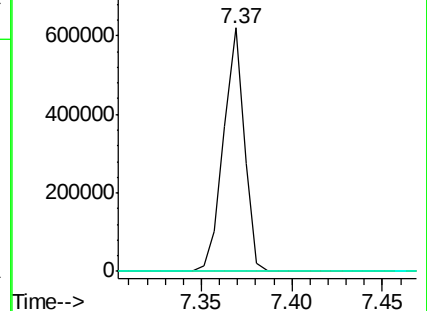
138 0.0 14.6 21.8#



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: BF119683.D

Acq: 1 Apr 2020 19:04

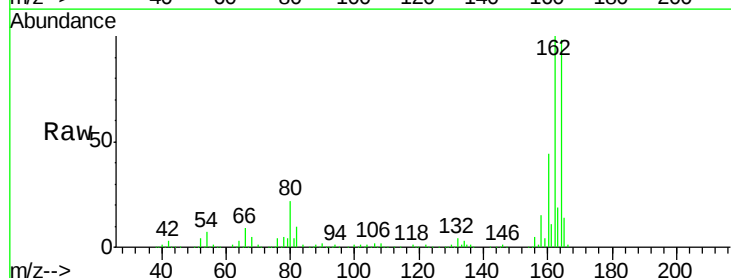
Tgt Ion: 164 Resp: 415162

Ion Ratio Lower Upper

164 100

162 102.4 80.6 121.0

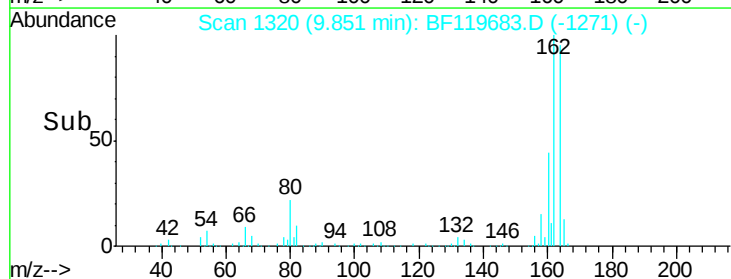
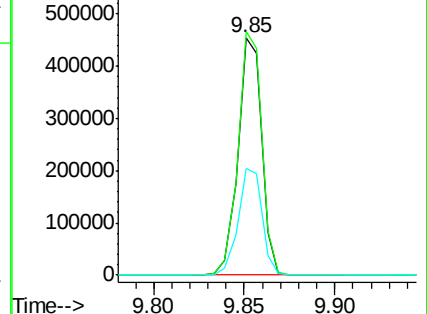
160 44.6 35.7 53.5

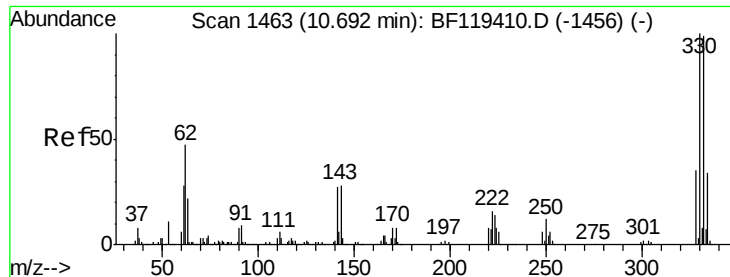


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

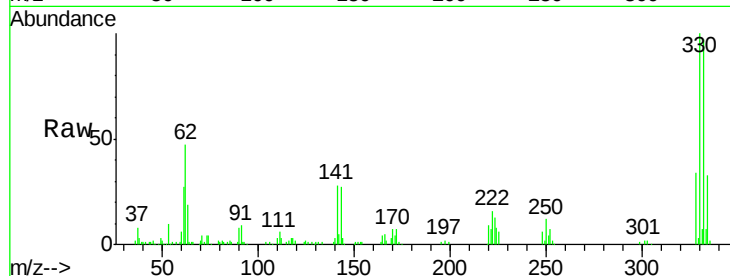




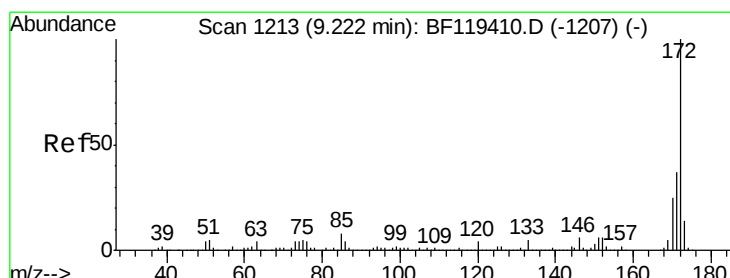
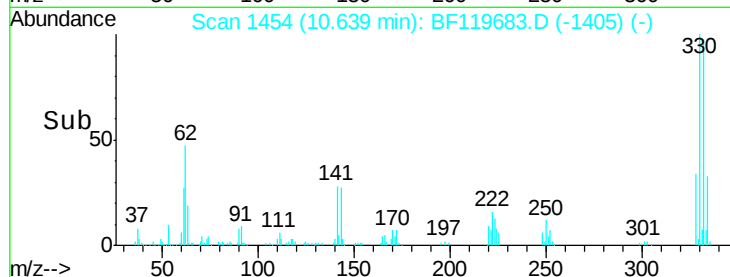
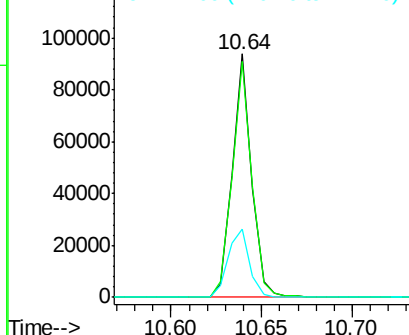
#42
 2,4,6-Tribromophenol
 Concen: 16.27 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119683.D
 Acq: 1 Apr 2020 19:04

Instrument :
 BNA_F
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 INTERIOR-WALL

Tgt Ion: 330 Resp: 69680
 Ion Ratio Lower Upper
 330 100
 332 99.1 75.7 113.5
 141 31.1 25.4 38.0

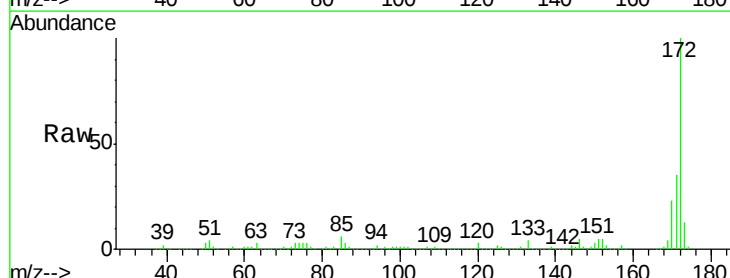


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

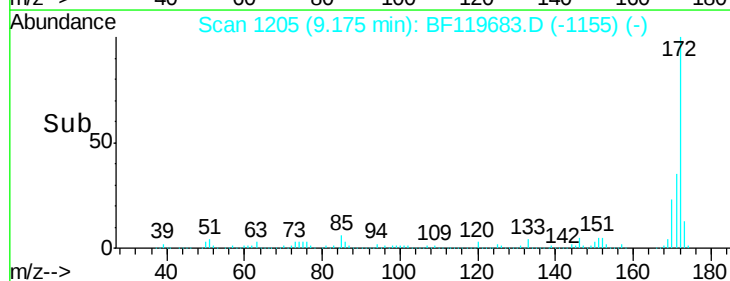
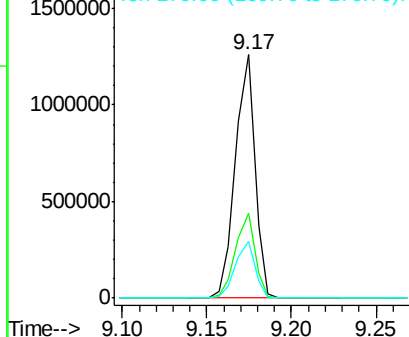


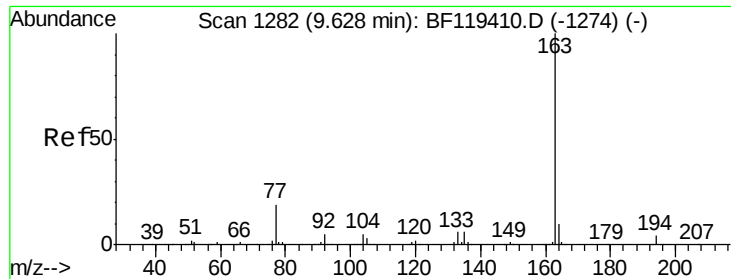
#45
 2-Fluorobiphenyl
 Concen: 36.41 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119683.D
 Acq: 1 Apr 2020 19:04

Tgt Ion: 172 Resp: 1020321
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 23.3 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

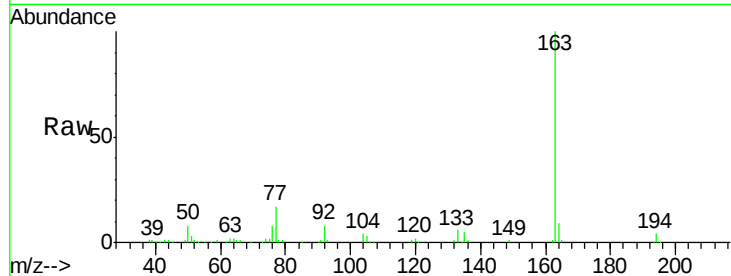




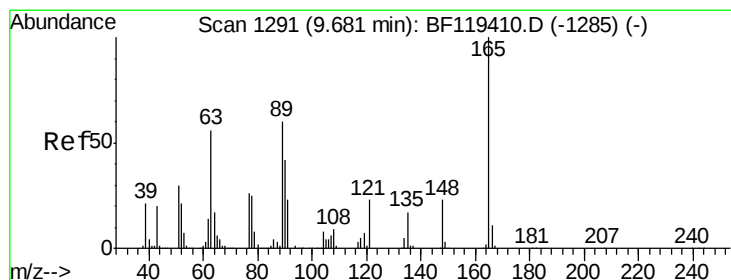
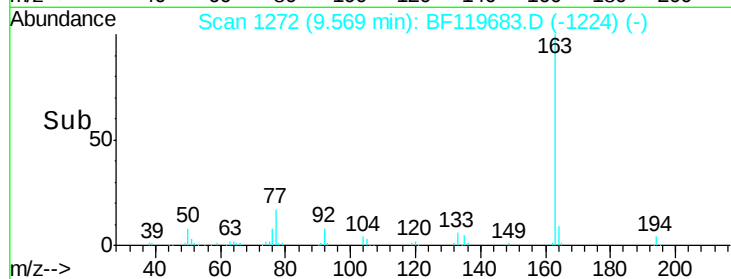
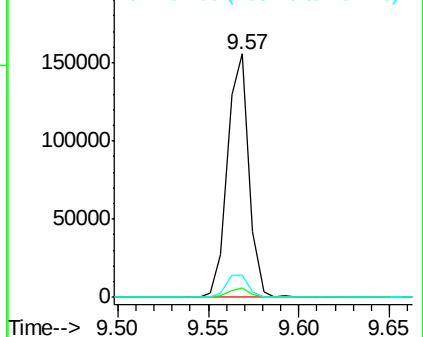
#50
Dimethylphthalate
Concen: 4.35 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF119683.D
Acq: 1 Apr 2020 19:04

Instrument :
BNA_F
ClientSampleId :
INTERIOR-WALL

Tgt Ion:163 Resp: 128350
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.4 8.2 12.2

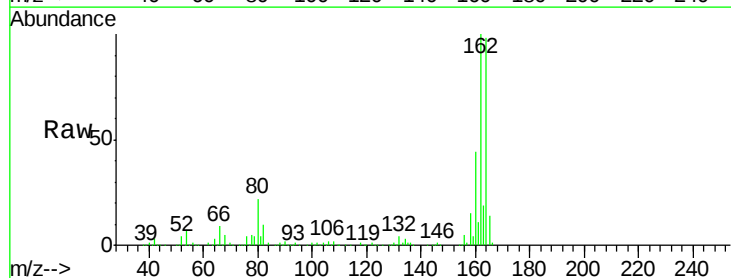


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

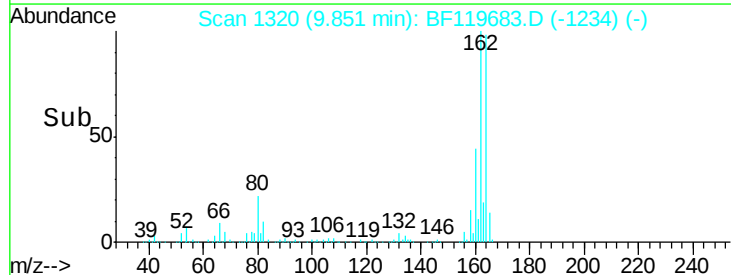
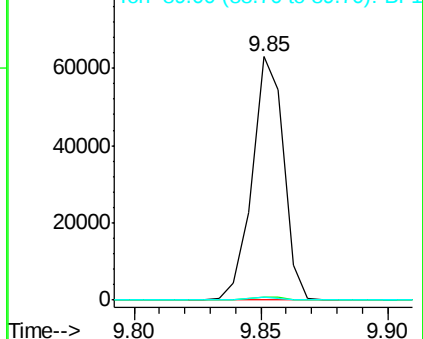


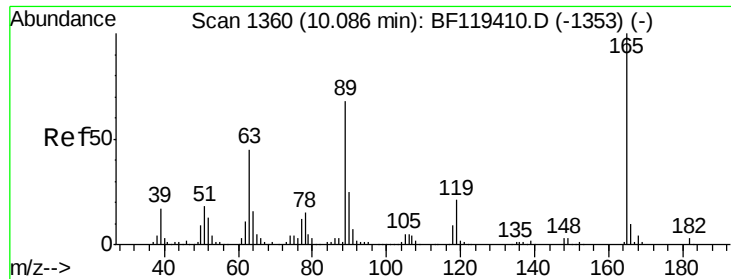
#51
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF119683.D
Acq: 1 Apr 2020 19:04

Tgt Ion:165 Resp: 54596
Ion Ratio Lower Upper
165 100
63 1.1 45.0 67.4#
89 1.5 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

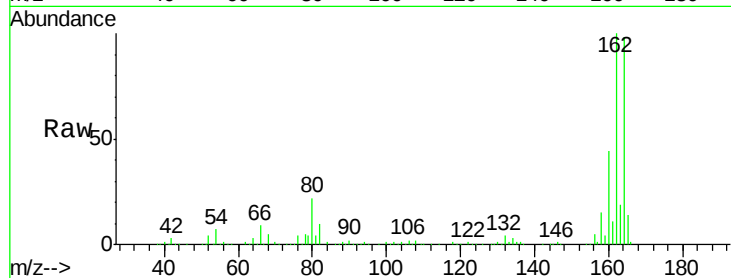




#57
 2,4-Dinitrotoluene
 Concen: 6.86 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.20 min
 Lab File: BF119683.D
 Acq: 1 Apr 2020 19:04

Instrument :
 BNA_F
 ClientSampleId :
 INTERIOR-WALL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.6	64.0#
89	1.5	61.0	91.4#
182	0.0	2.2	3.2#

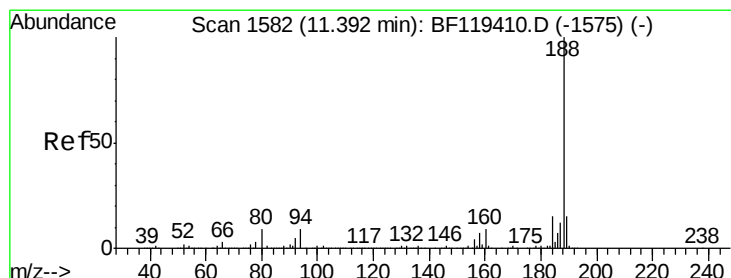
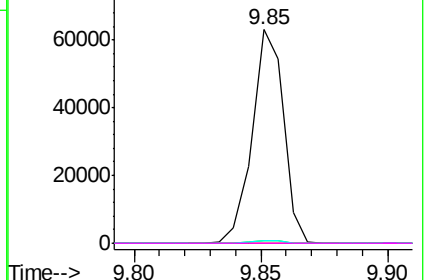
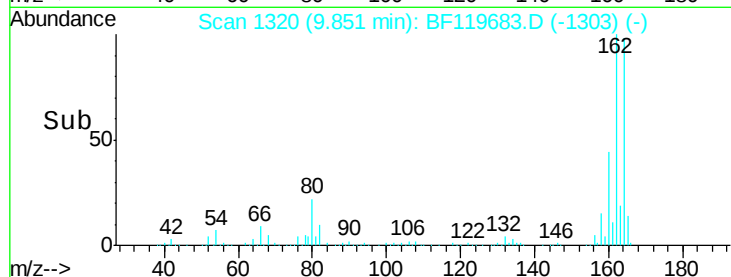


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

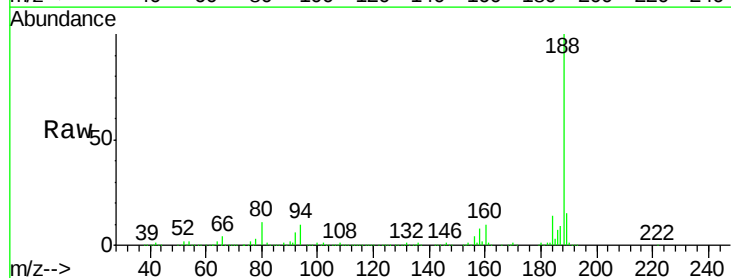
Ion 89.00 (88.70 to 89.70): BF1

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: BF119683.D
 Acq: 1 Apr 2020 19:04

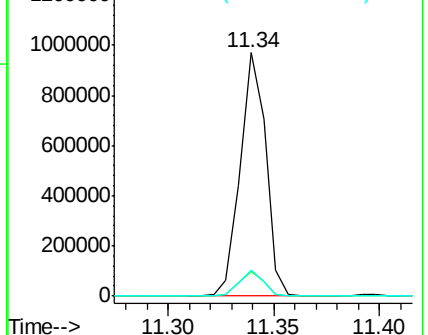
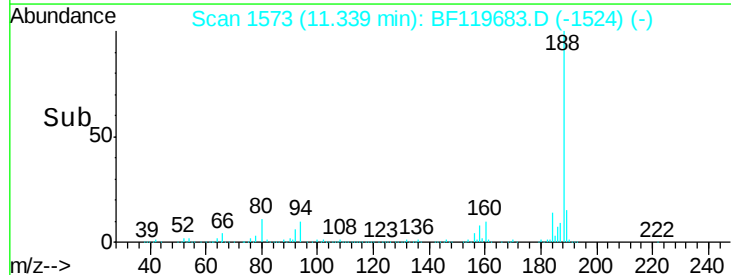
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	10.7	9.0	13.4

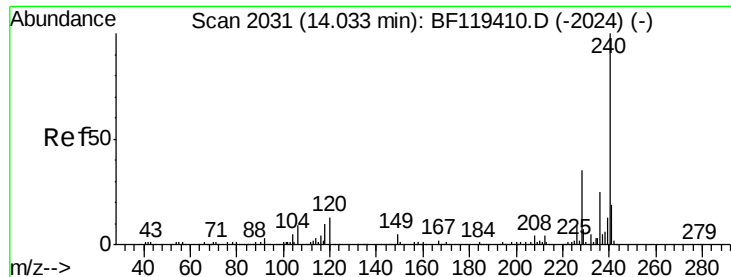


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF119683.D

Acq: 1 Apr 2020 19:04

Instrument :

BNA_F

ClientSampleId :

INTERIOR-WALL

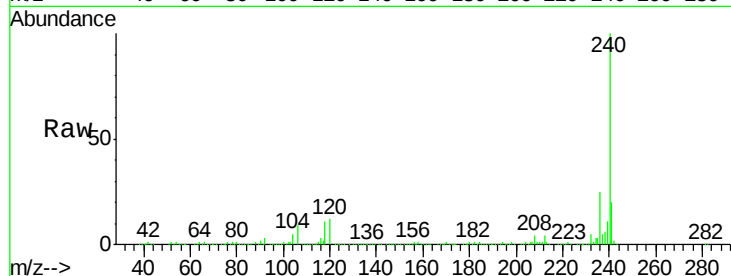
Tgt Ion:240 Resp: 684900

Ion Ratio Lower Upper

240 100

120 12.0 10.6 15.8

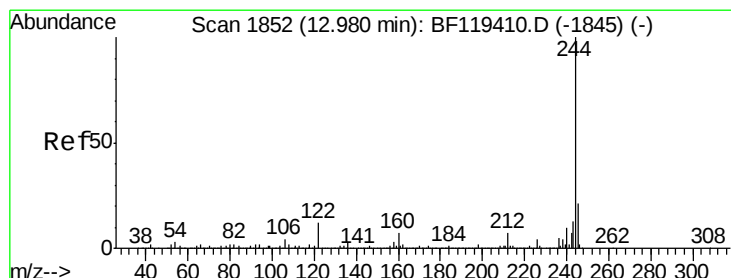
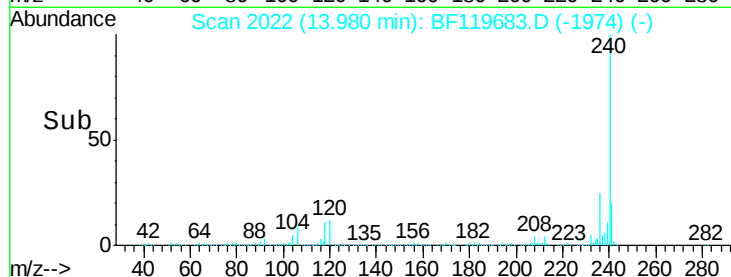
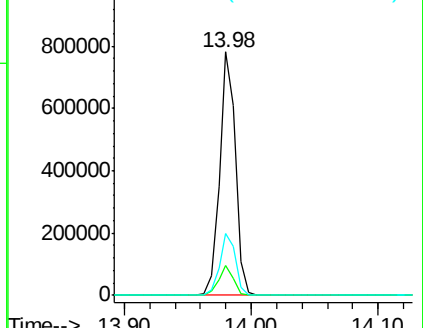
236 25.4 20.2 30.2



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: 36.84 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119683.D

Acq: 1 Apr 2020 19:04

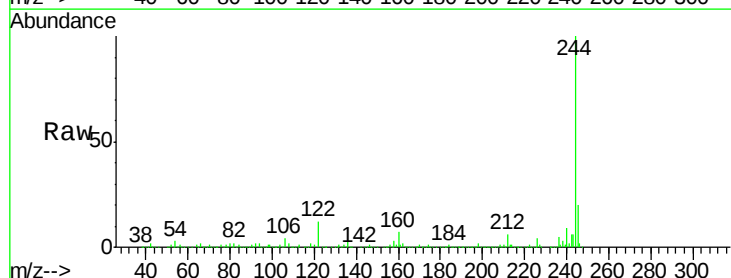
Tgt Ion:244 Resp: 1287746

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

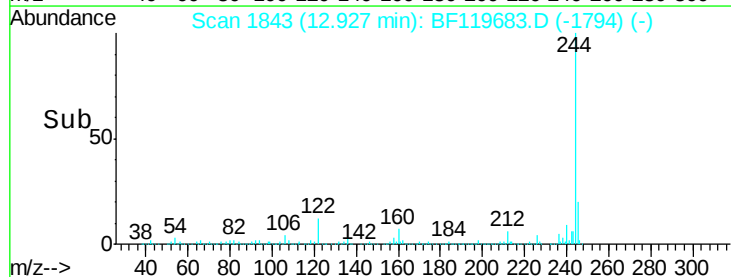
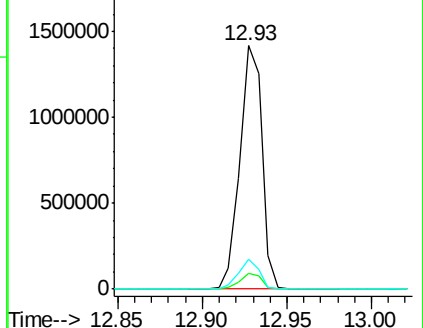
122 12.2 10.3 15.5

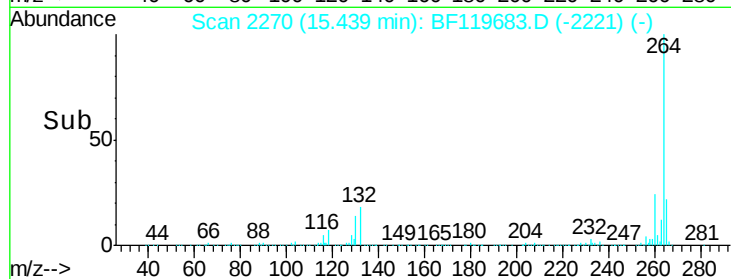
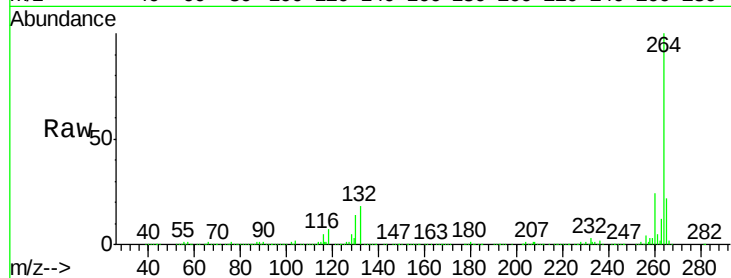
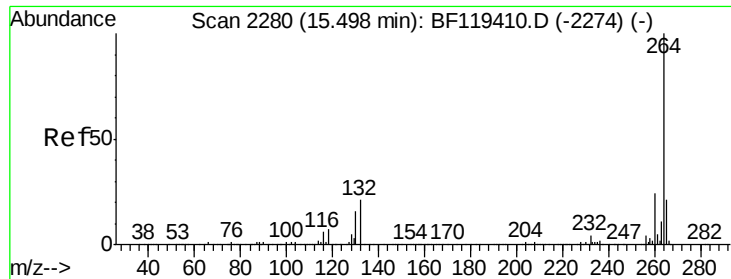


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119683.D
Acq: 1 Apr 2020 19:04

Instrument :
BNA_F
ClientSampleId :
INTERIOR-WALL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.7	17.7	26.5

