

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119733.D
 Acq On : 3 Apr 2020 22:32
 Operator : MA/SJ
 Sample : L2133-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SMALL-HOUSE-FLOORS

Quant Time: Apr 03 23:53:43 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

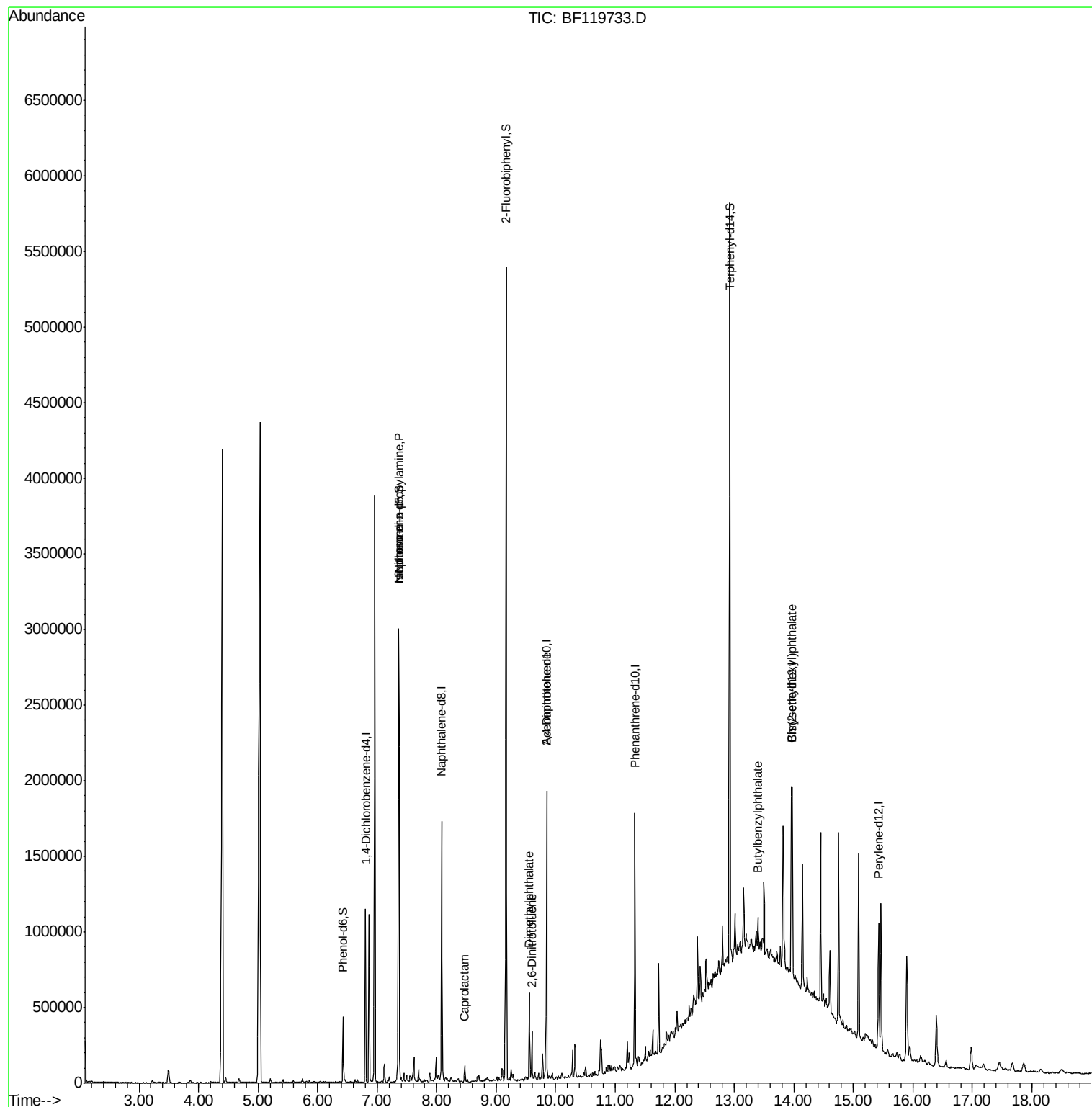
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181965	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	695808	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	353679	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	662058	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	403271	20.00	ng	-0.02
87) Perylene-d12	15.42	264	399854	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	5608	0.49	ng	0.00
7) Phenol-d6	6.42	99	144533	9.90	ng	-0.02
23) Nitrobenzene-d5	7.36	82	961723	75.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	245	0.07	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1816213	76.08	ng	-0.01
79) Terphenyl-d14	12.92	244	1895290	92.08	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	126483	14.37	ng	# 75
25) Isophorone	7.36	82	958732	36.92	ng	# 65
35) Caprolactam	8.47	113	7988	2.38	ng	97
50) Dimethylphthalate	9.56	163	195015	7.76	ng	100
51) 2,6-Dinitrotoluene	9.60	165	26131	4.85	ng	# 29
57) 2,4-Dinitrotoluene	9.85	165	45841	6.76	ng	# 20
80) Butylbenzylphthalate	13.40	149	34885	2.61	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	304269	19.07	ng	100

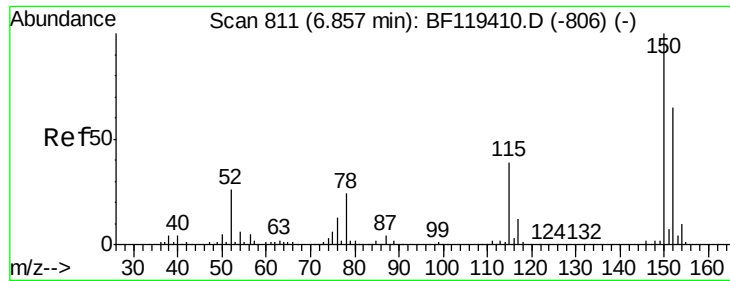
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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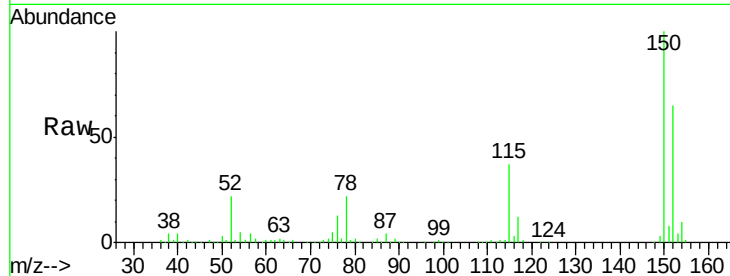


#1

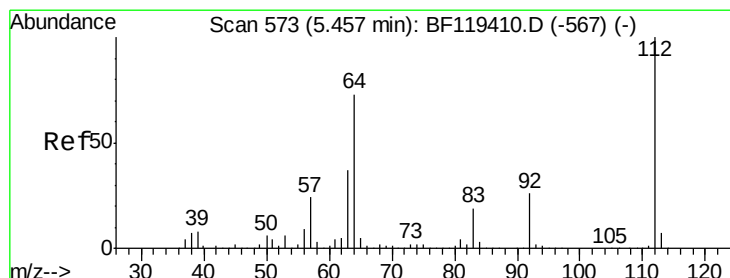
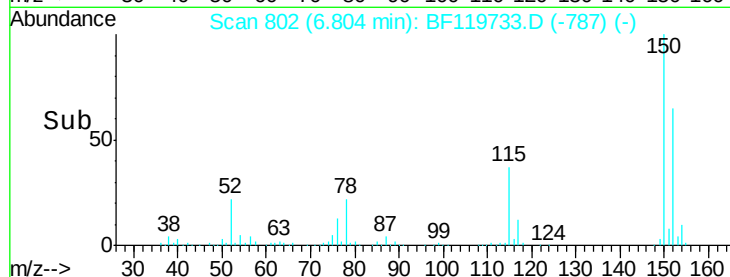
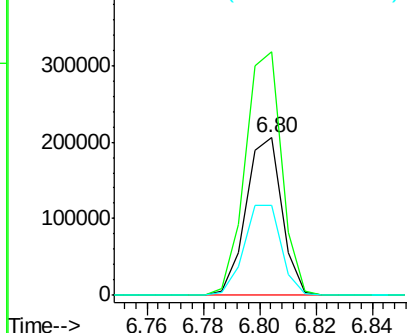
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

Instrument :
BNA_F
ClientSampleId :
SMALL-HOUSE-FLOORS

Tgt Ion:152 Resp: 181965
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 57.2 49.6 74.4



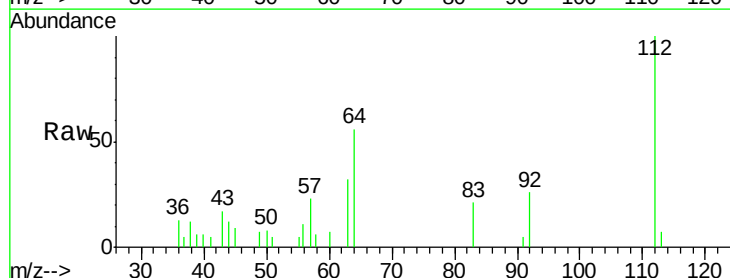
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



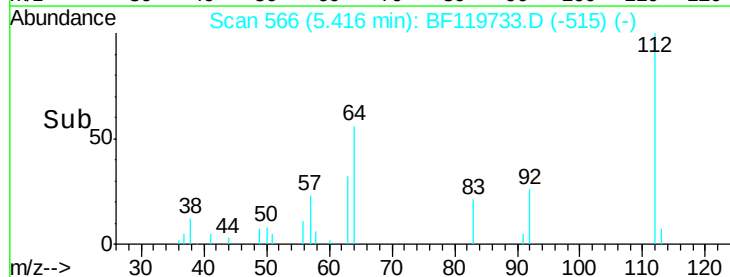
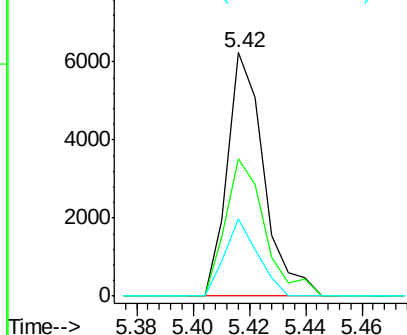
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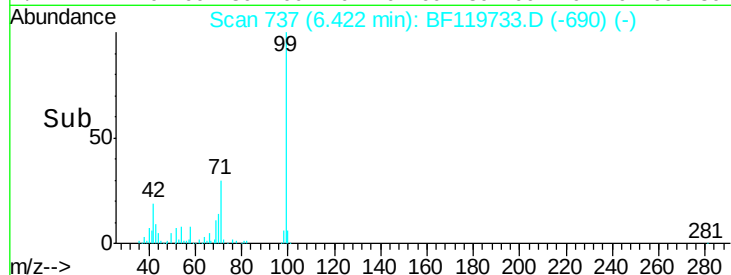
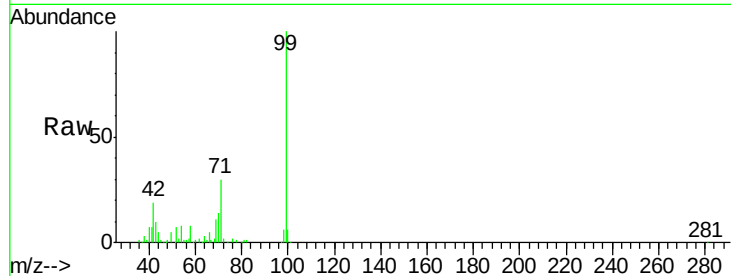
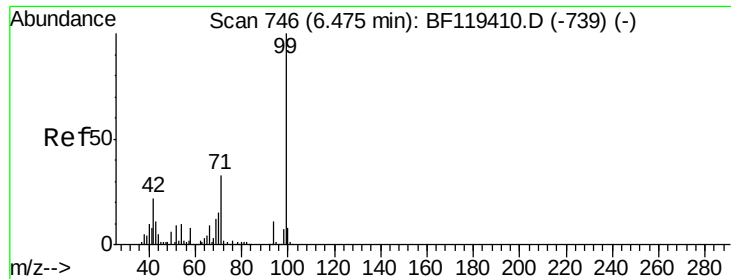
2-Fluorophenol
Concen: 0.49 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

Tgt Ion:112 Resp: 5608
Ion Ratio Lower Upper
112 100
64 56.5 56.7 85.1#
63 32.0 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: 9.90 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

Instrument :

BNA_F

ClientSampleId :

SMALL-HOUSE-FLOORS

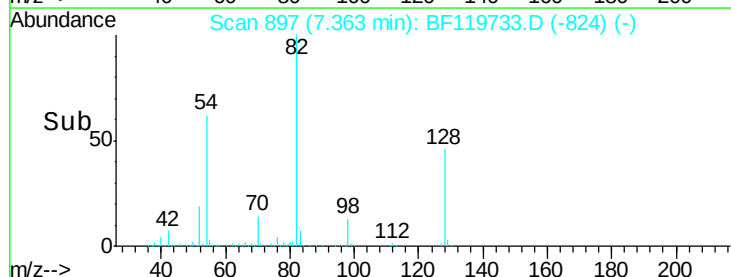
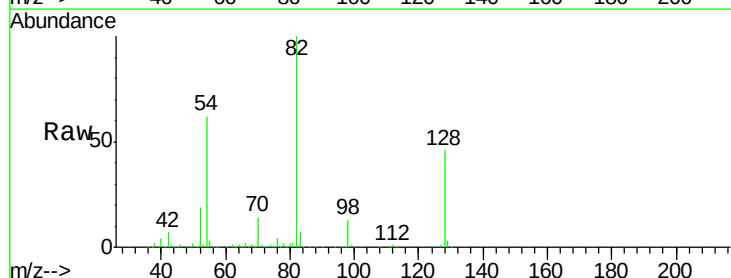
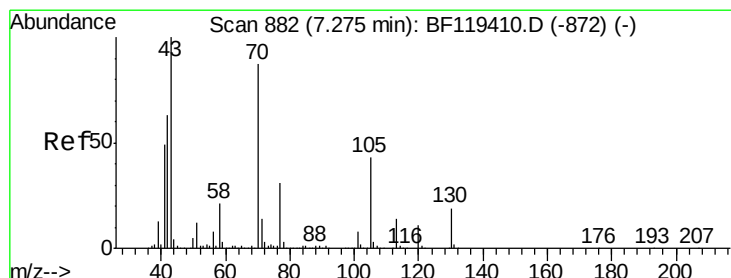
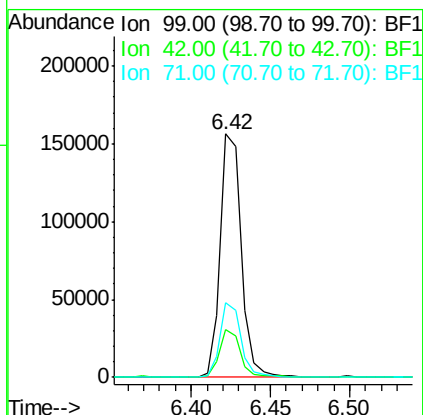
Tgt Ion: 99 Resp: 144533

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 30.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.37 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

Tgt Ion: 70 Resp: 126483

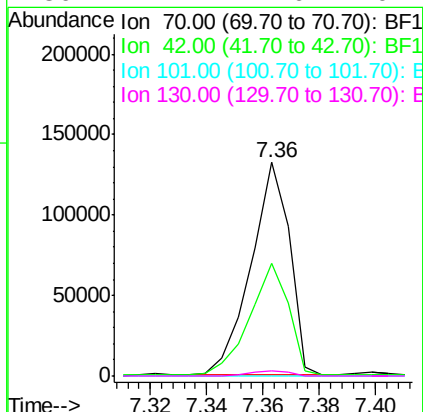
Ion Ratio Lower Upper

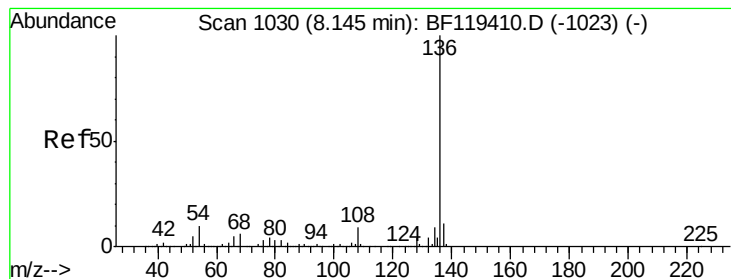
70 100

42 52.5 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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

Instrument :

BNA_F

ClientSampleId :

SMALL-HOUSE-FLOORS

Tgt Ion:136 Resp: 695808

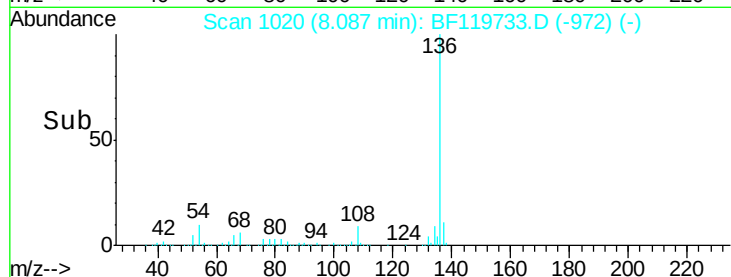
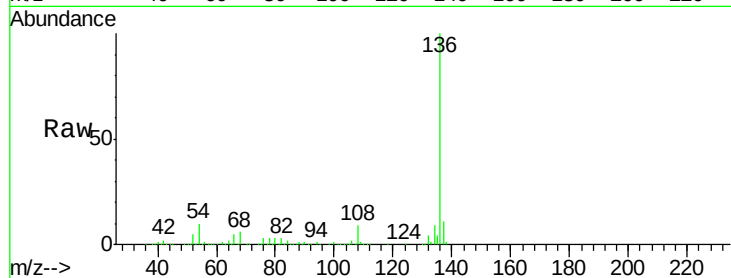
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.4 9.1 13.7

68 5.8 4.6 6.8

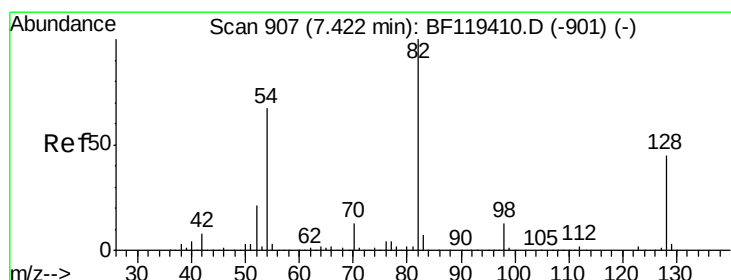
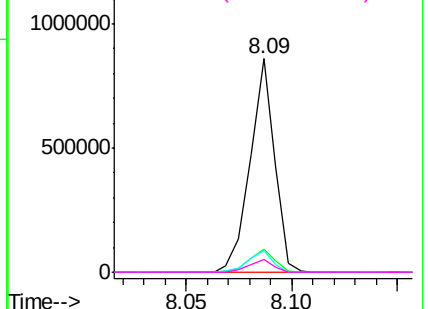


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.12 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

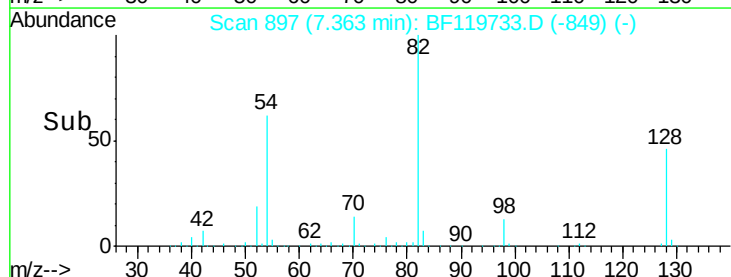
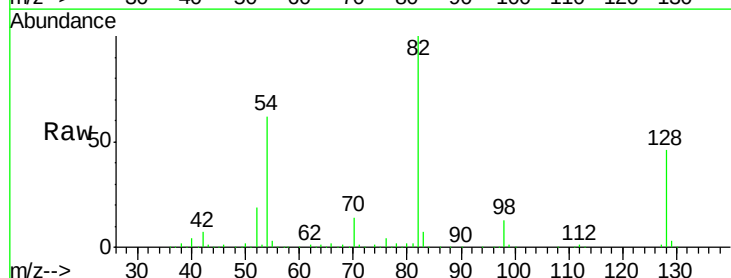
Tgt Ion: 82 Resp: 961723

Ion Ratio Lower Upper

82 100

128 45.6 36.3 54.5

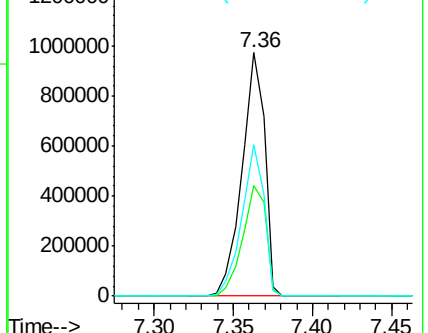
54 62.2 50.6 75.8

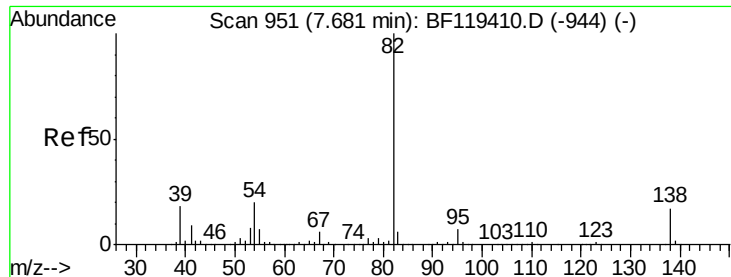


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.92 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

Instrument :

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ClientSampleId :

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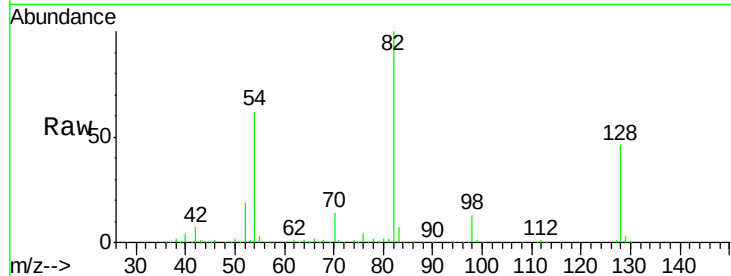
Tgt Ion: 82 Resp: 958732

Ion Ratio Lower Upper

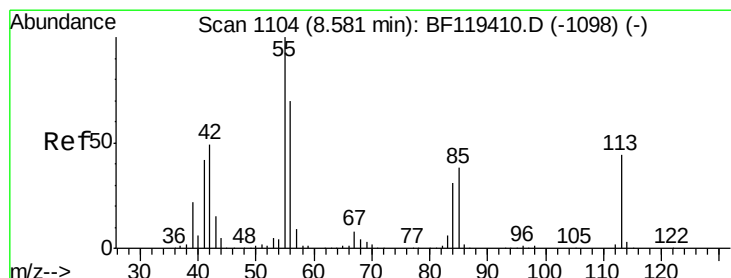
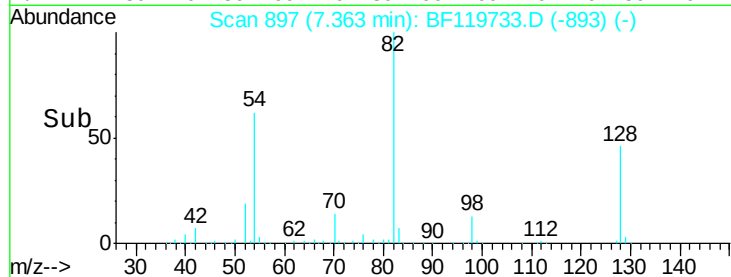
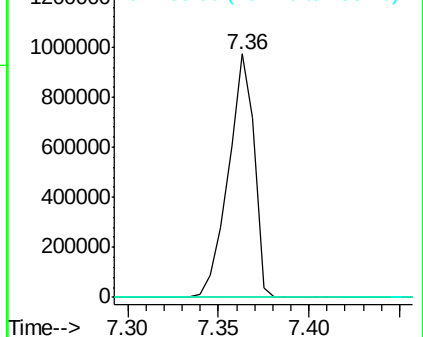
82 100

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



#35

Caprolactam

Concen: 2.38 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.08 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

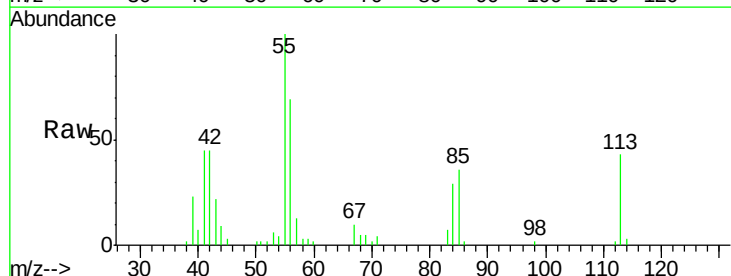
Tgt Ion: 113 Resp: 7988

Ion Ratio Lower Upper

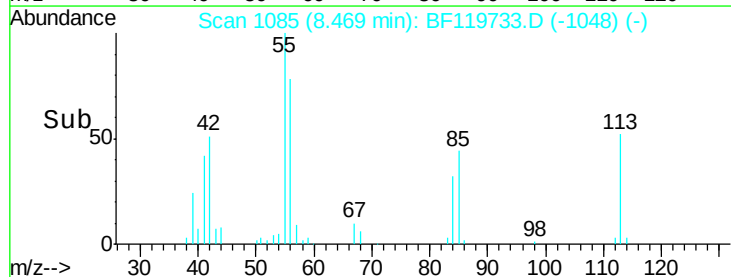
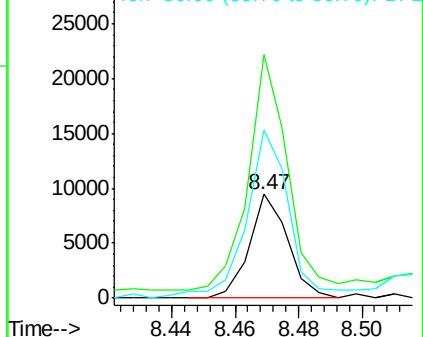
113 100

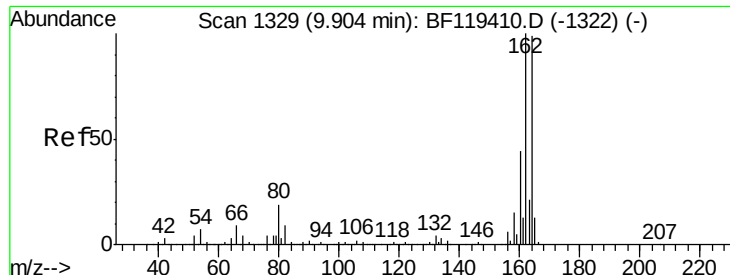
55 234.6 218.4 258.4

56 162.0 148.9 188.9



Abundance Ion 113.00 (112.70 to 113.70): BF1
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

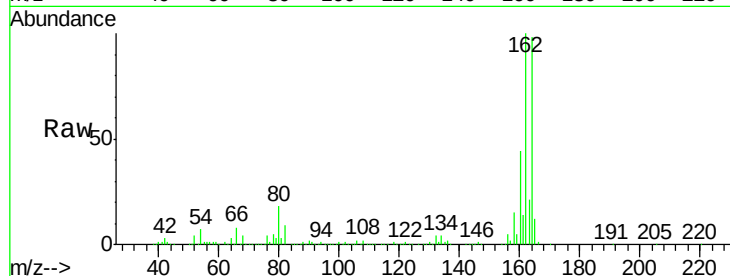




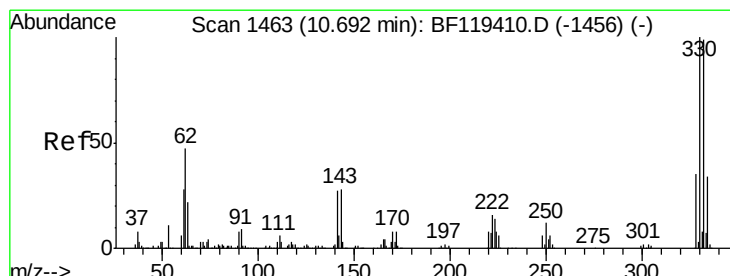
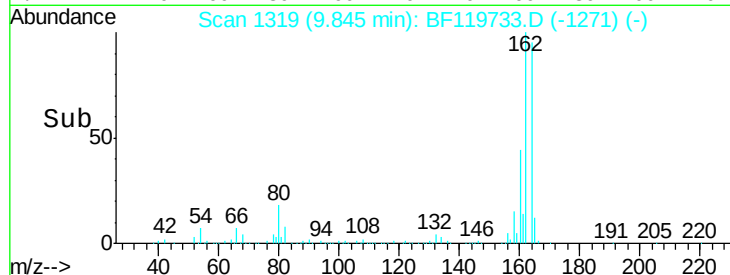
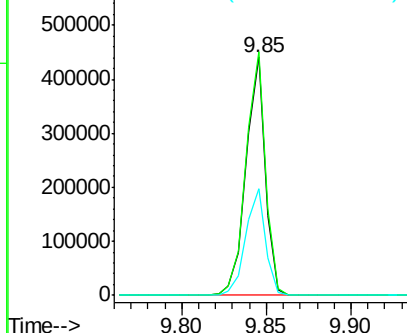
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119733.D
 Acq: 3 Apr 2020 22:32

Instrument :
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 SMALL-HOUSE-FLOORS

Tgt Ion:164 Resp: 353679
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.6 121.0
 160 44.6 35.7 53.5

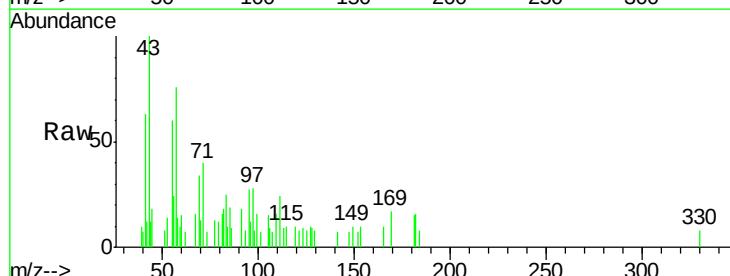


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

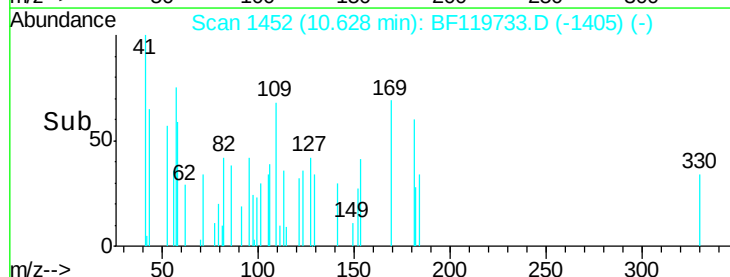
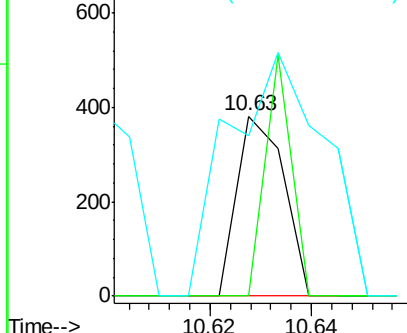


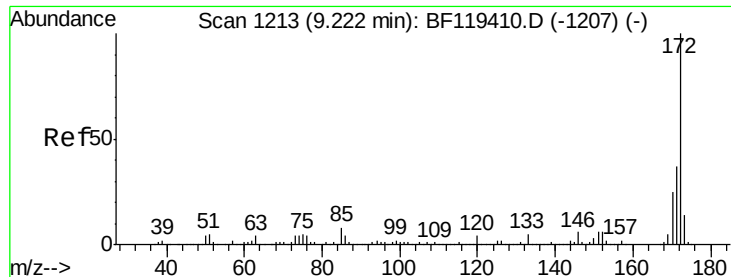
#42
 2,4,6-Tribromophenol
 Concen: 0.07 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF119733.D
 Acq: 3 Apr 2020 22:32

Tgt Ion:330 Resp: 245
 Ion Ratio Lower Upper
 330 100
 332 73.9 75.7 113.5#
 141 274.3 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

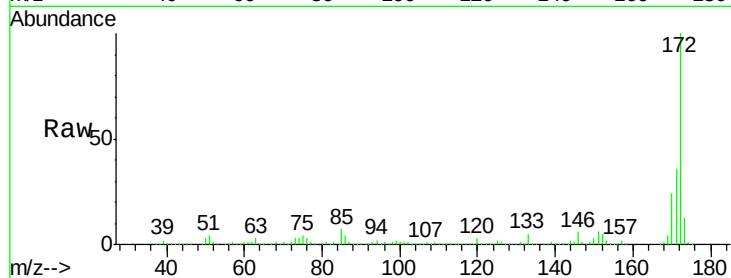




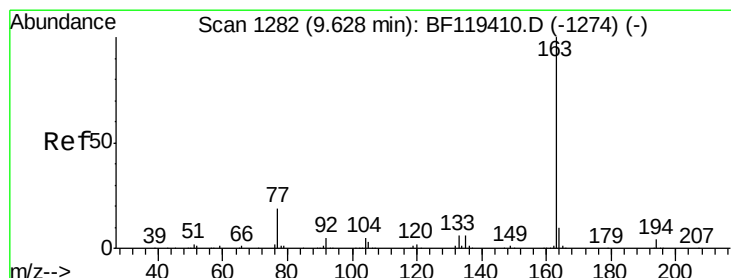
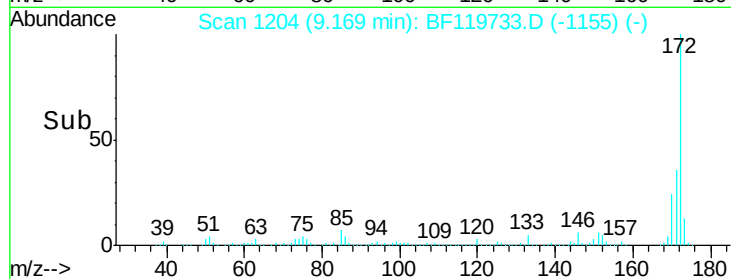
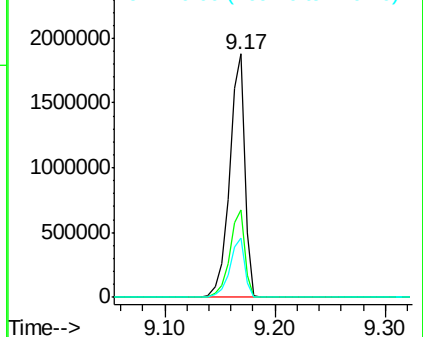
#45
 2-Fluorobiphenyl
 Concen: 76.08 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119733.D
 Acq: 3 Apr 2020 22:32

Instrument :
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Tgt Ion:172 Resp: 1816213
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.1 20.2 30.2

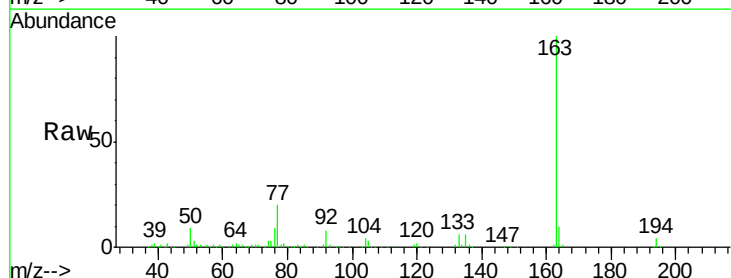


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

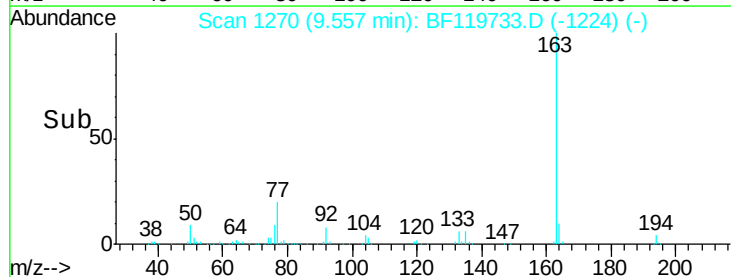
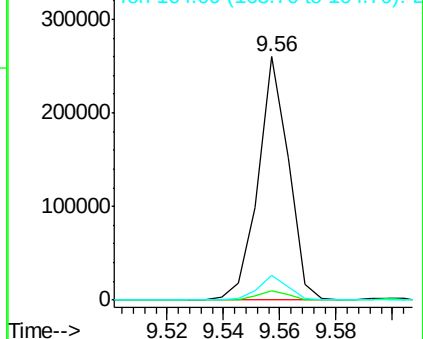


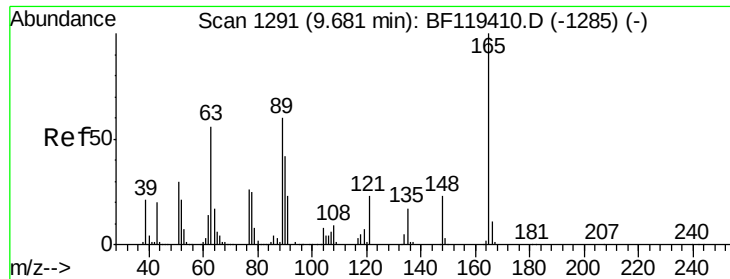
#50
 Dimethylphthalate
 Concen: 7.76 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.03 min
 Lab File: BF119733.D
 Acq: 3 Apr 2020 22:32

Tgt Ion:163 Resp: 195015
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 10.2 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: 4.85 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.05 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

Instrument :

BNA_F

ClientSampleId :

SMALL-HOUSE-FLOORS

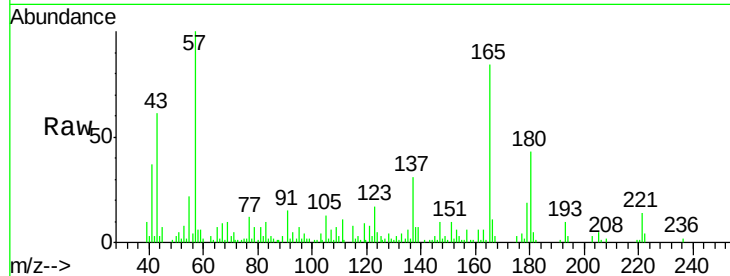
Tgt Ion:165 Resp: 26131

Ion Ratio Lower Upper

165 100

63 3.1 45.0 67.4#

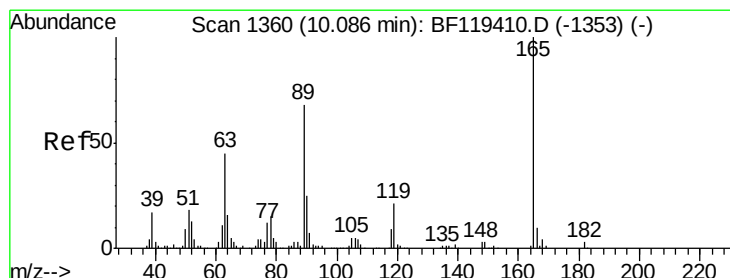
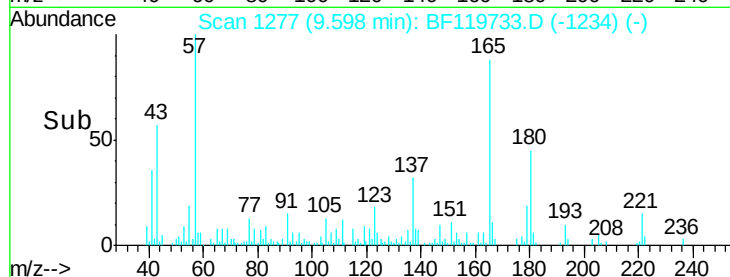
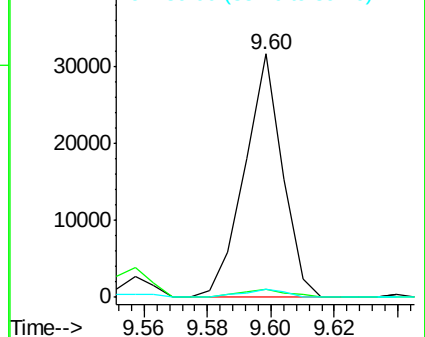
89 3.2 41.5 62.3#



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: 6.76 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

Tgt Ion:165 Resp: 45841

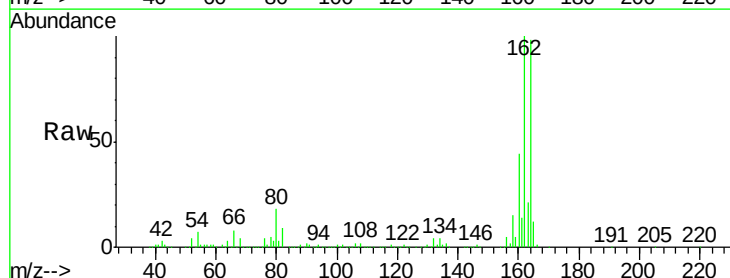
Ion Ratio Lower Upper

165 100

63 1.5 42.6 64.0#

89 1.4 61.0 91.4#

182 0.0 2.2 3.2#

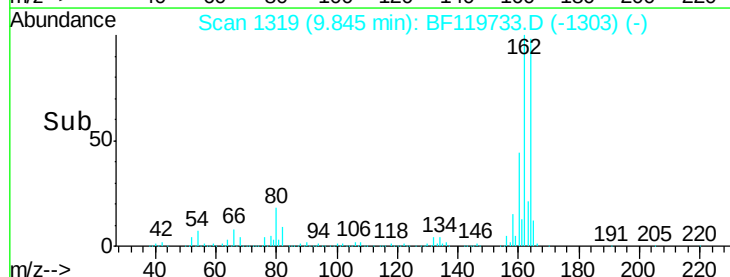
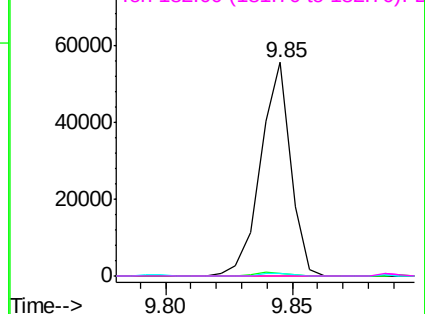


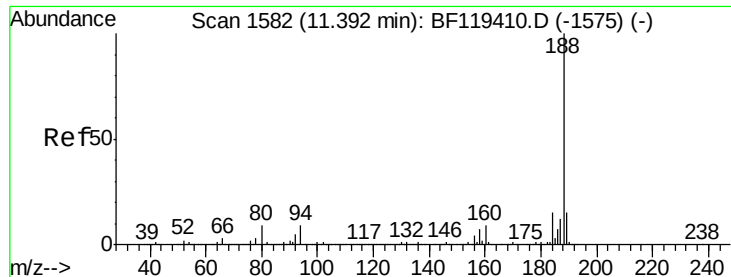
Abundance Ion 165.00 (164.70 to 165.70): E

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

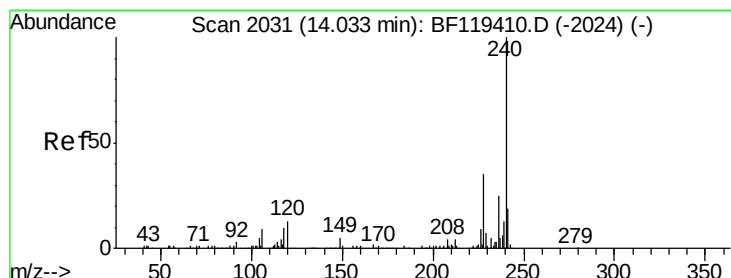
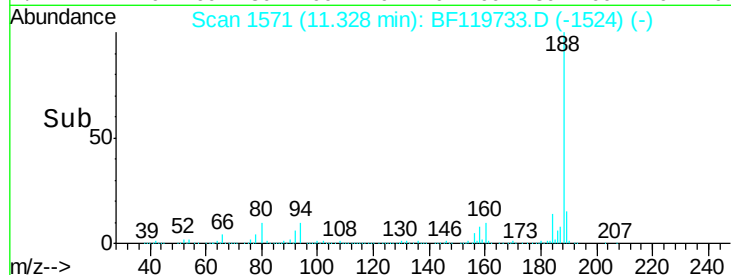
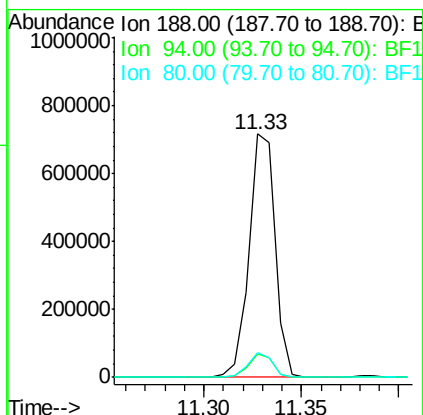
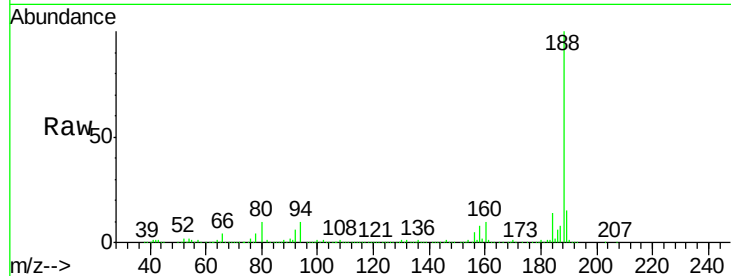




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

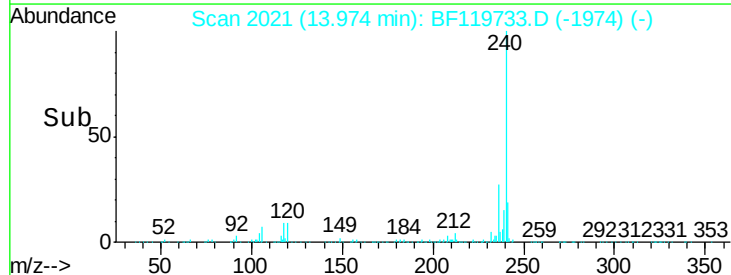
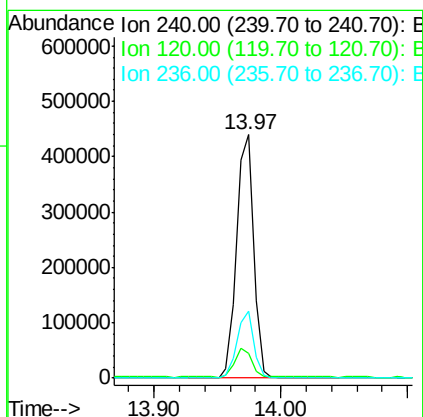
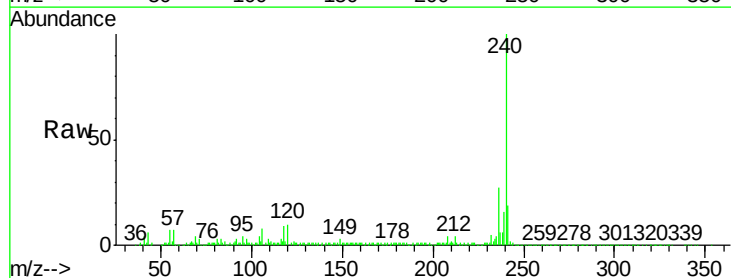
Instrument :
BNA_F
ClientSampleId :
SMALL-HOUSE-FLOORS

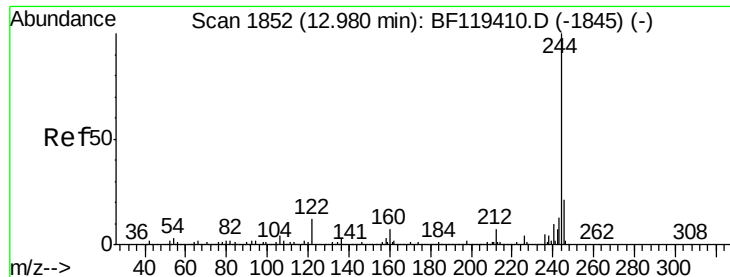
Tgt Ion:188 Resp: 662058
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

Tgt Ion:240 Resp: 403271
Ion Ratio Lower Upper
240 100
120 10.0 10.6 15.8#
236 27.3 20.2 30.2





#79

Terphenyl-d14

Concen: 92.08 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

Instrument :

BNA_F

ClientSampleId :

SMALL-HOUSE-FLOORS

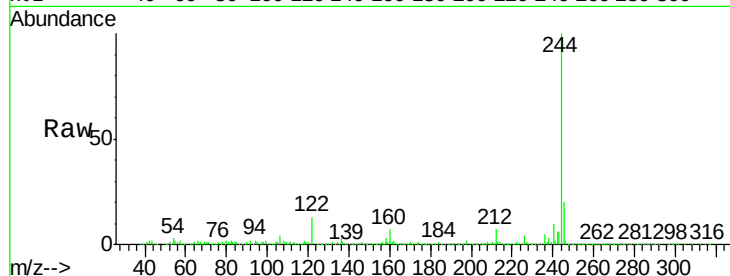
Tgt Ion:244 Resp: 1895290

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

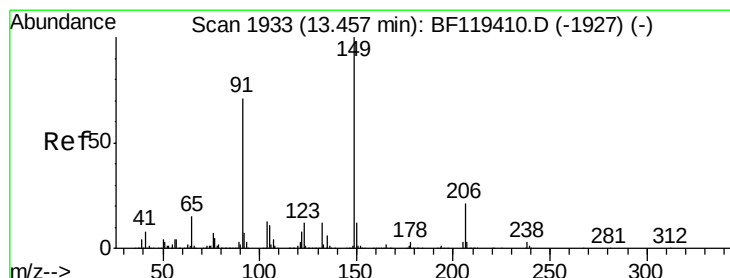
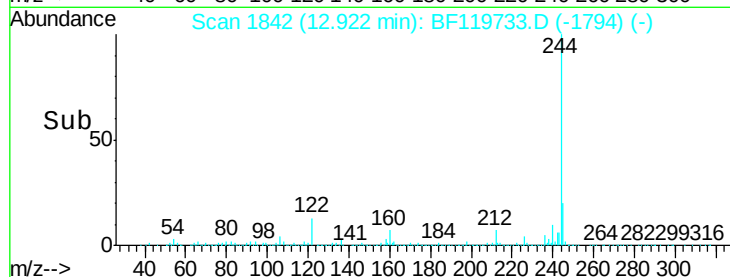
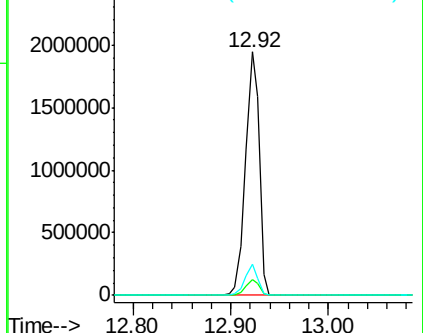
122 12.7 10.3 15.5



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



#80

Butylbenzylphthalate

Concen: 2.61 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

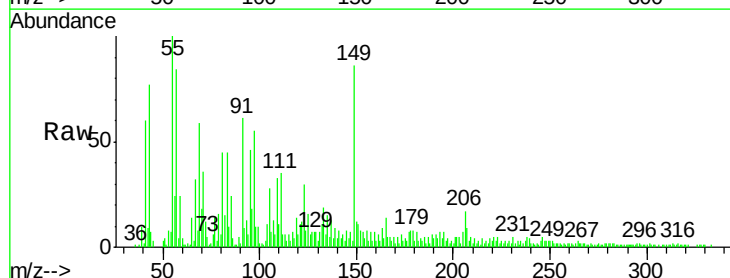
Tgt Ion:149 Resp: 34885

Ion Ratio Lower Upper

149 100

91 70.7 54.7 82.1

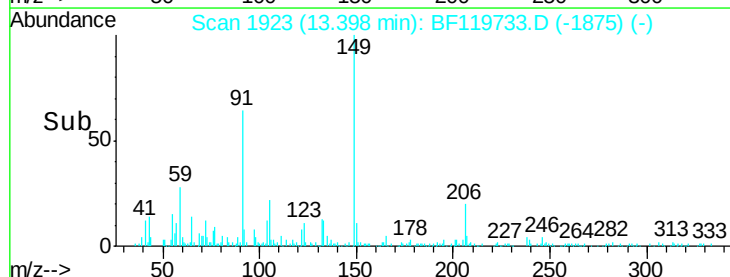
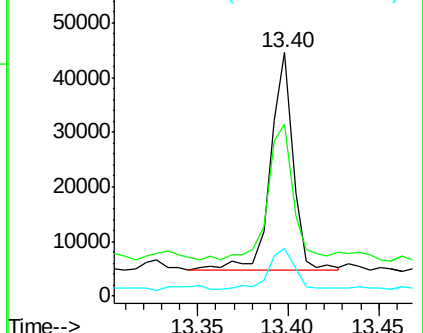
206 19.5 16.2 24.2

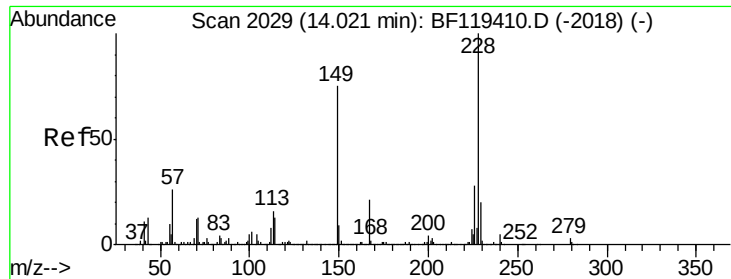


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.07 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

Instrument :

BNA_F

ClientSampleId :

SMALL-HOUSE-FLOORS

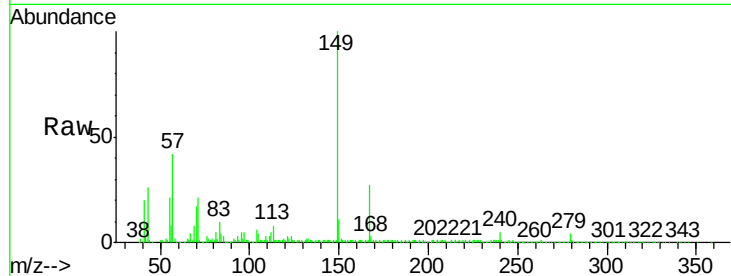
Tgt Ion:149 Resp: 304269

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

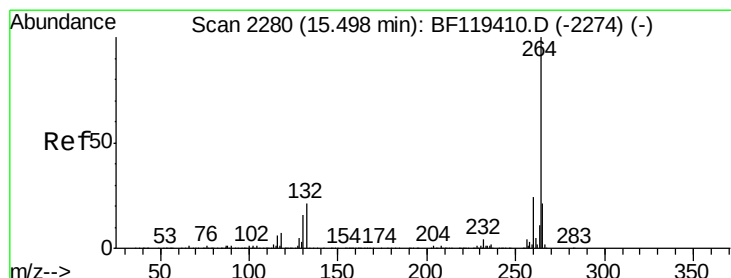
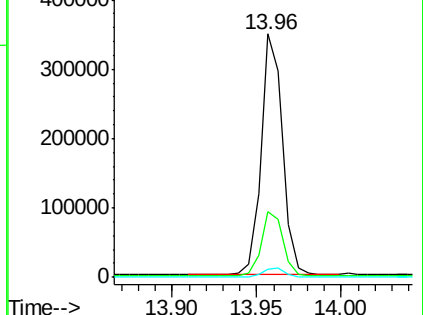
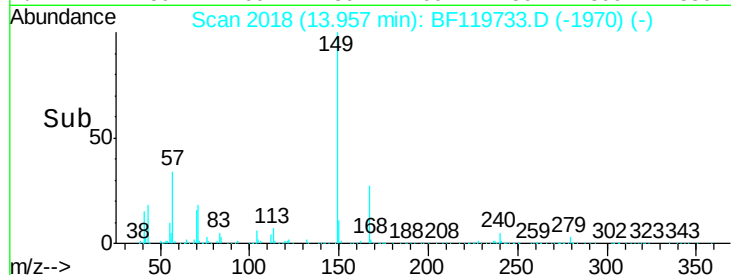
279 3.5 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

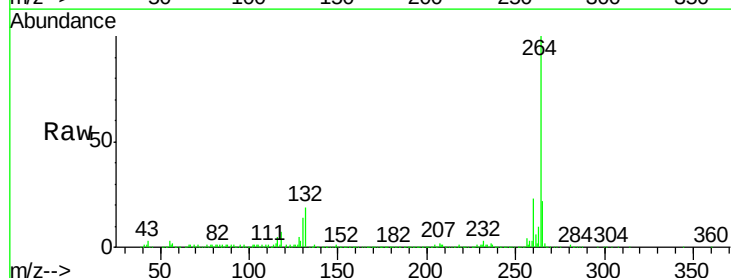
Tgt Ion:264 Resp: 399854

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

