

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119734.D
 Acq On : 3 Apr 2020 22:59
 Operator : MA/SJ
 Sample : L2133-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SMALL-HOUSE-WALLS

Quant Time: Apr 03 23:53:49 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

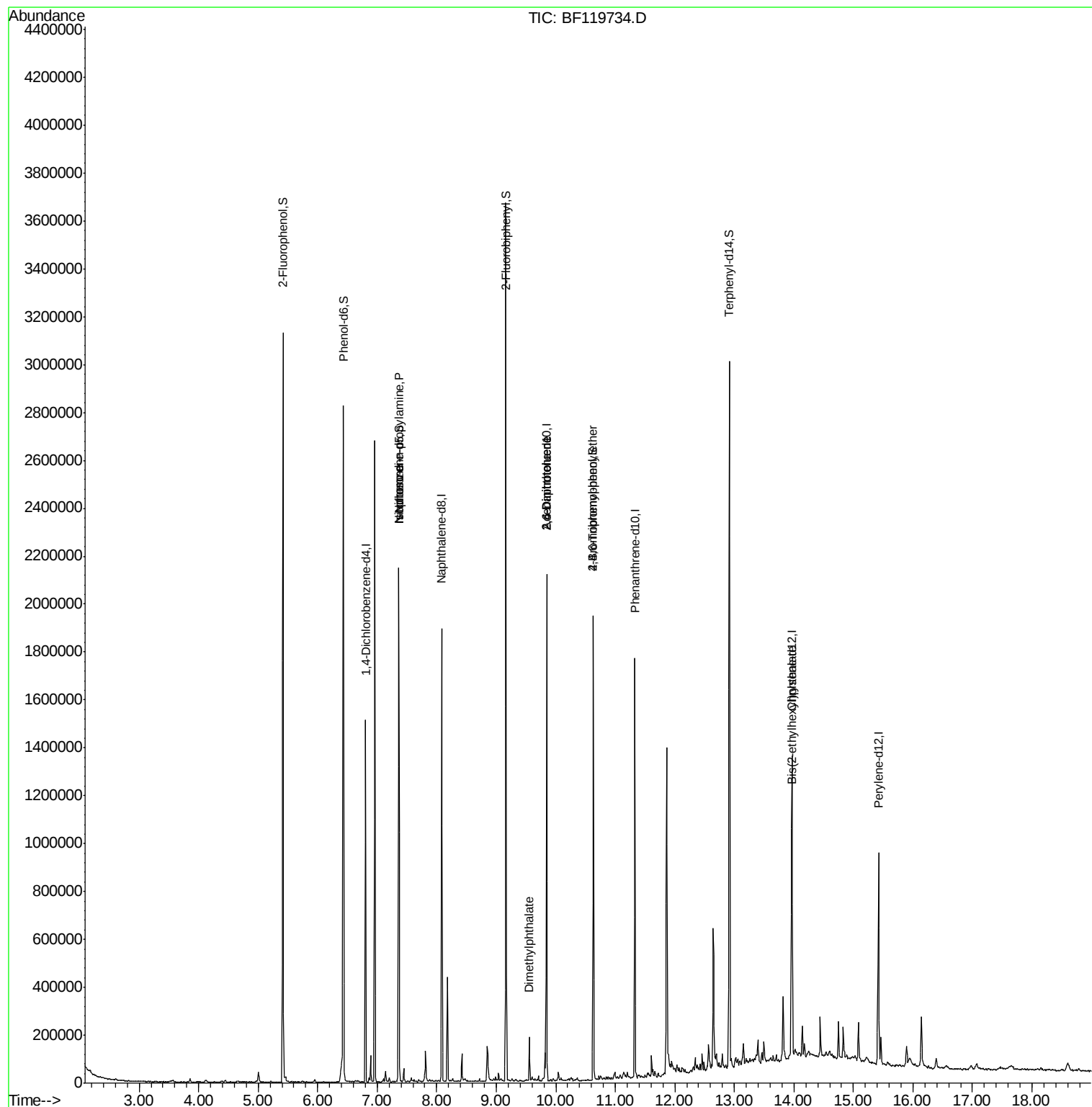
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	204109	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	759843	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	370760	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	649029	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	385419	20.00	ng	-0.03
87) Perylene-d12	15.42	264	403515	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	783961	61.14	ng	0.00
7) Phenol-d6	6.43	99	979736	59.82	ng	-0.01
23) Nitrobenzene-d5	7.36	82	588072	42.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	237691	62.14	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1155454	46.17	ng	-0.02
79) Terphenyl-d14	12.92	244	1051817	53.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	74975	7.59	ng	# 76
25) Isophorone	7.36	82	588066	20.73	ng	# 65
50) Dimethylphthalate	9.56	163	59841	2.27	ng	100
51) 2,6-Dinitrotoluene	9.85	165	48347	8.56	ng	# 27
57) 2,4-Dinitrotoluene	9.85	165	48347	6.80	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	14924	2.02	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.96	149	104261	6.84	ng	99

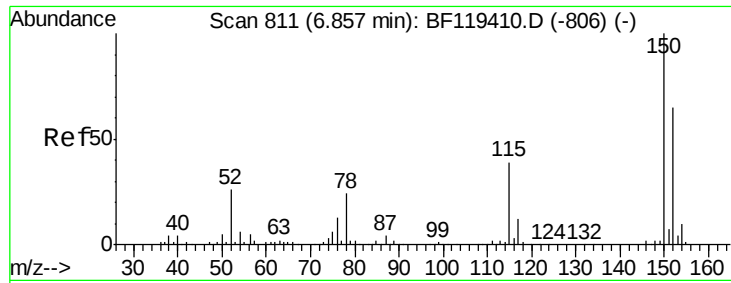
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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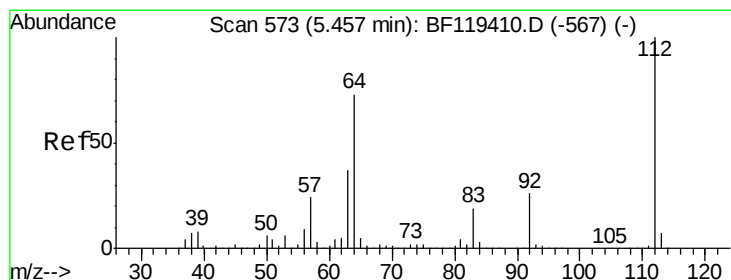
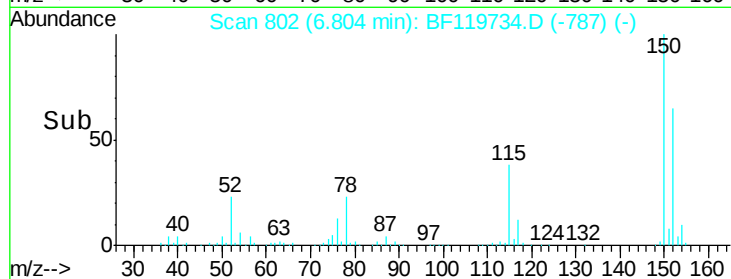
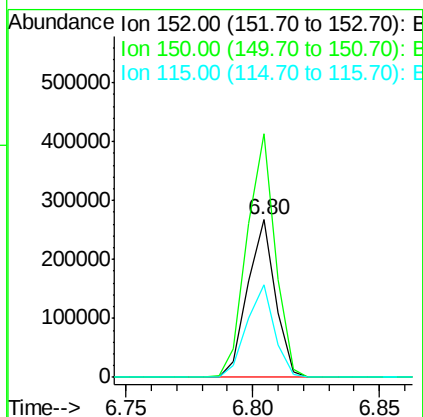
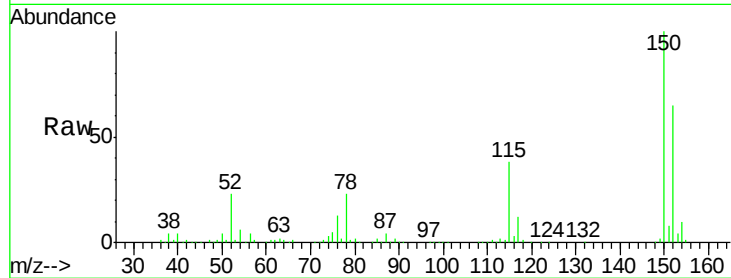


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119734.D
Acq: 3 Apr 2020 22:59

Instrument :
BNA_F
ClientSampleId :
SMALL-HOUSE-WALLS

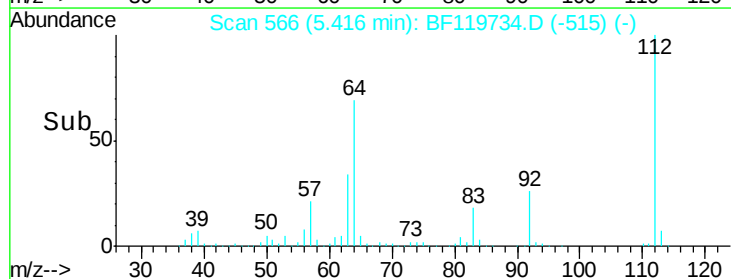
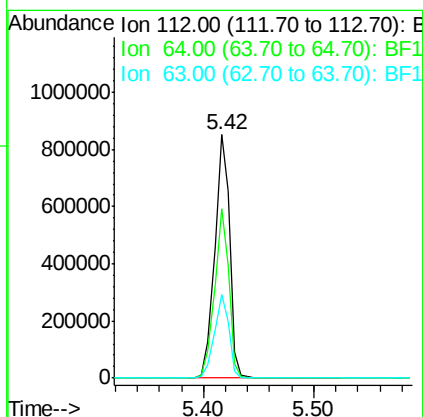
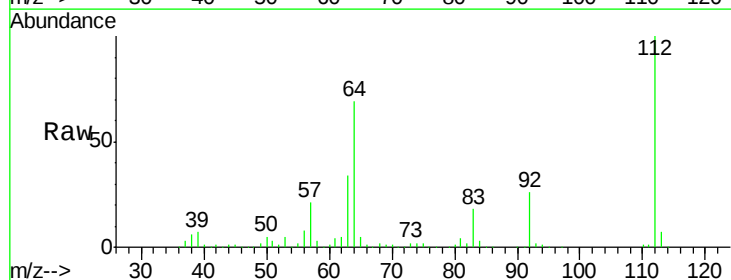
Tgt Ion:152 Resp: 204109
Ion Ratio Lower Upper
152 100
150 154.6 124.5 186.7
115 58.9 49.6 74.4

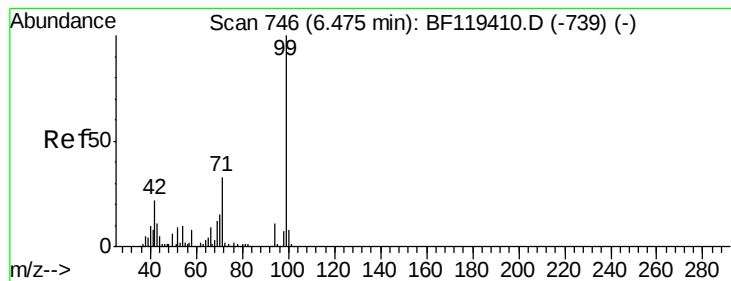


#5

2-Fluorophenol
Concen: 61.14 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF119734.D
Acq: 3 Apr 2020 22:59

Tgt Ion:112 Resp: 783961
Ion Ratio Lower Upper
112 100
64 69.4 56.7 85.1
63 34.2 29.5 44.3





#7

Phenol-d6

Concen: 59.82 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119734.D

Acq: 3 Apr 2020 22:59

Instrument :

BNA_F

ClientSampleId :

SMALL-HOUSE-WALLS

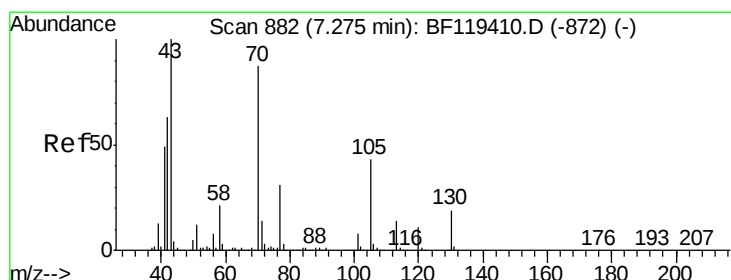
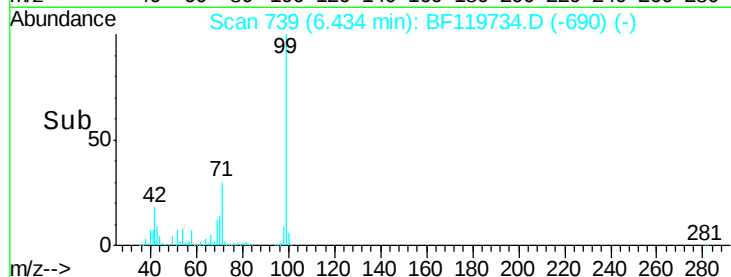
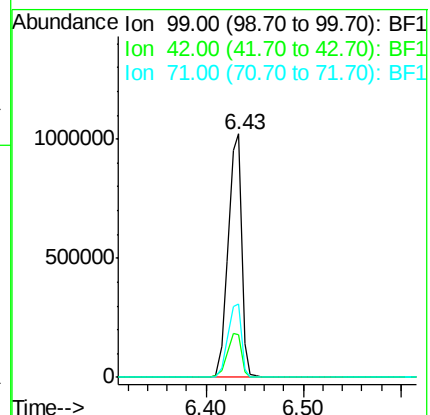
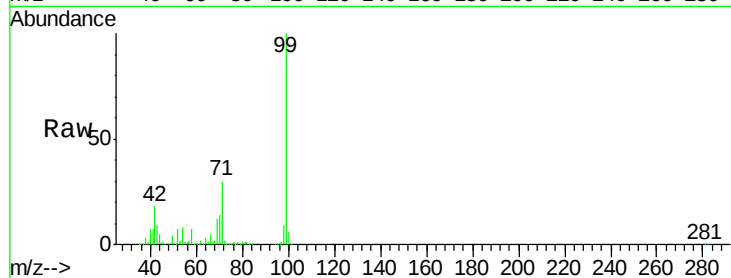
Tgt Ion: 99 Resp: 979736

Ion Ratio Lower Upper

99 100

42 17.6 16.6 24.8

71 30.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 7.59 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF119734.D

Acq: 3 Apr 2020 22:59

Tgt Ion: 70 Resp: 74975

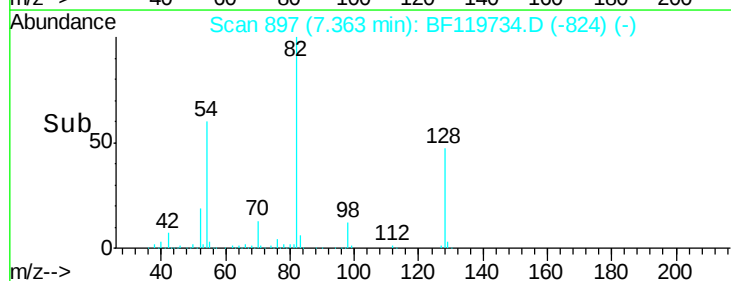
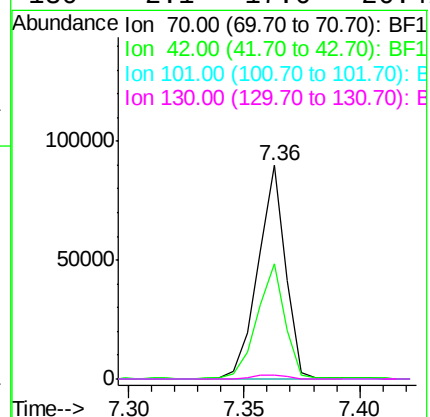
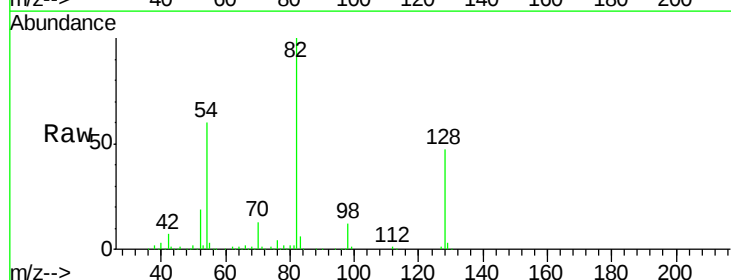
Ion Ratio Lower Upper

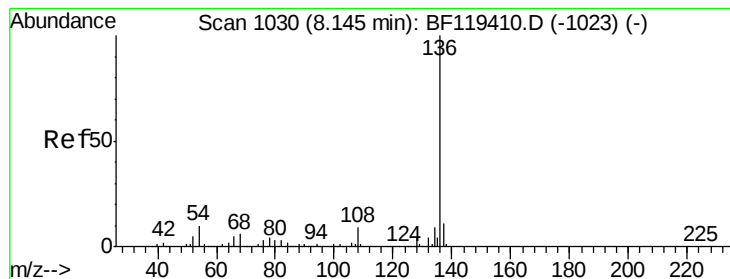
70 100

42 53.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 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: BF119734.D

Acq: 3 Apr 2020 22:59

Instrument :

BNA_F

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SMALL-HOUSE-WALLS

Tgt Ion:136 Resp: 759843

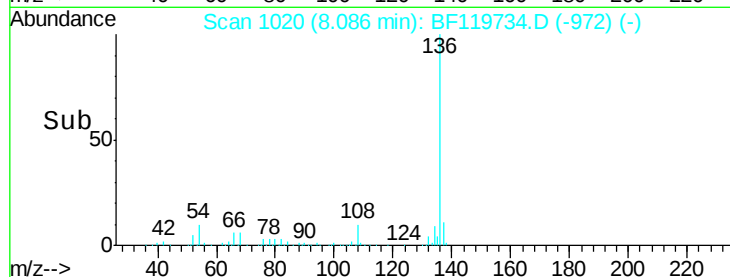
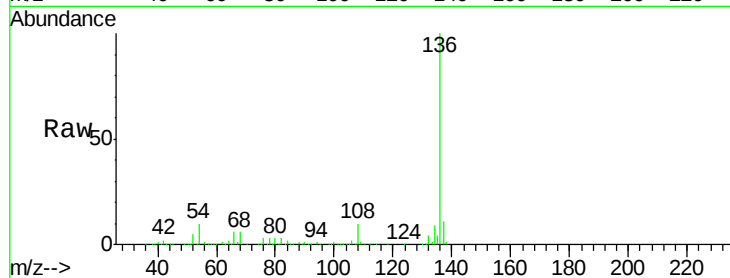
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.3 9.1 13.7

68 5.8 4.6 6.8

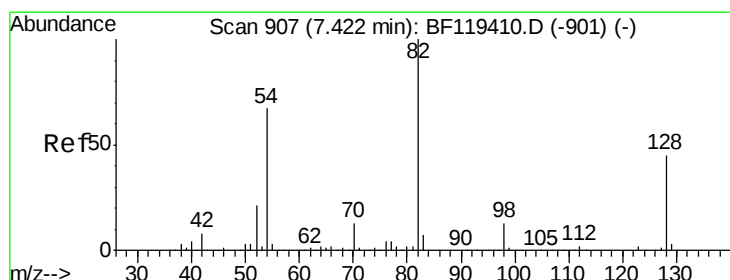
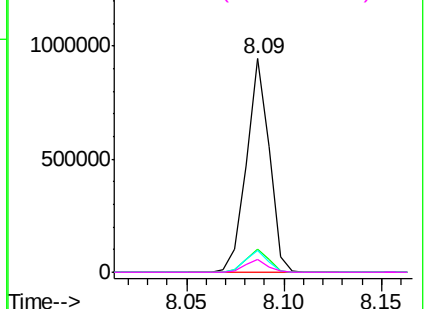


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.06 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF119734.D

Acq: 3 Apr 2020 22:59

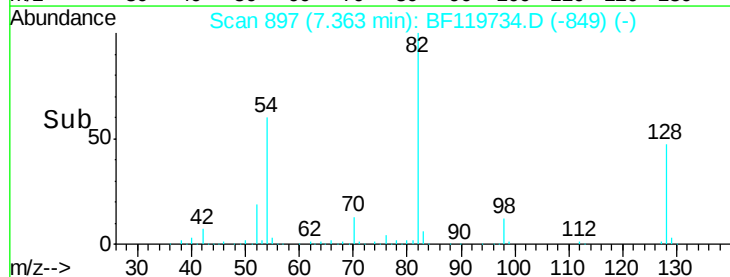
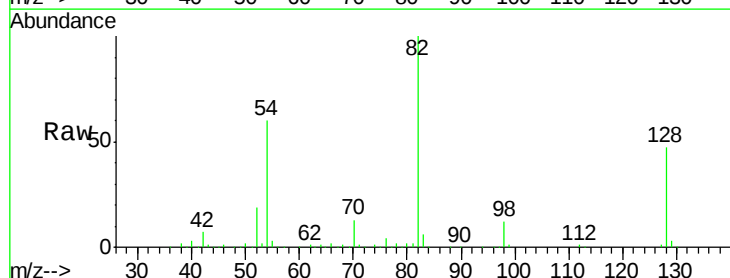
Tgt Ion: 82 Resp: 588072

Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

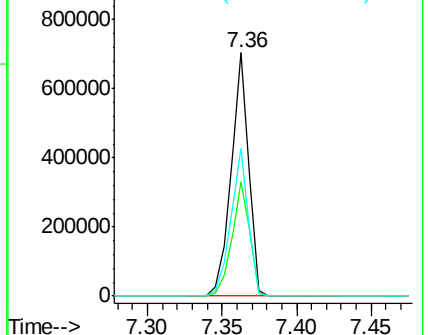
54 60.5 50.6 75.8

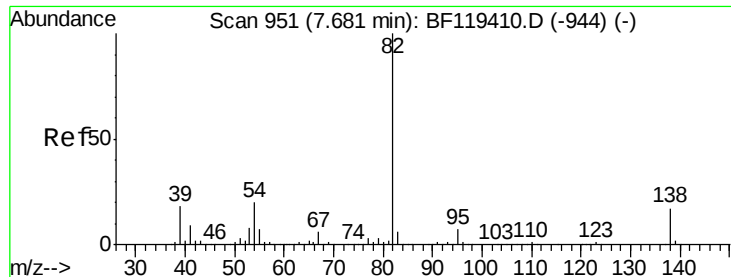


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 20.73 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF119734.D

Acq: 3 Apr 2020 22:59

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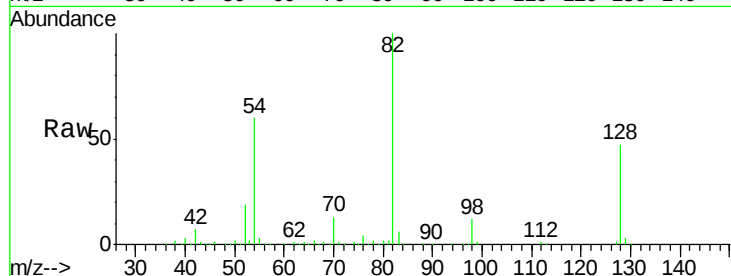
Tgt Ion: 82 Resp: 588066

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

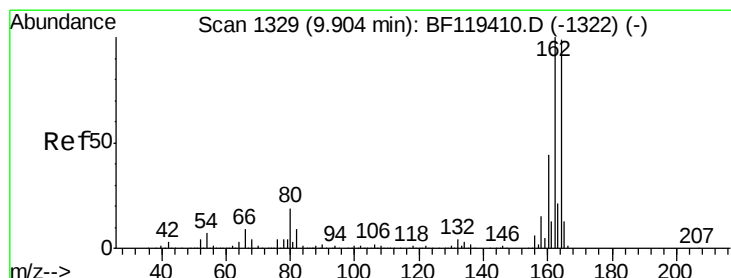
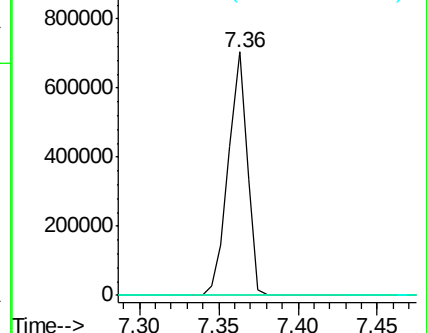
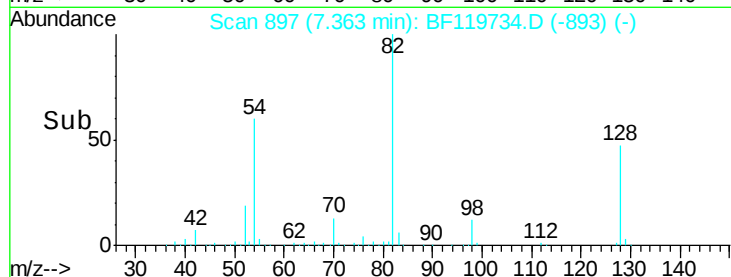
138 0.0 14.6 21.8#



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# 1319

Delta R.T. -0.02 min

Lab File: BF119734.D

Acq: 3 Apr 2020 22:59

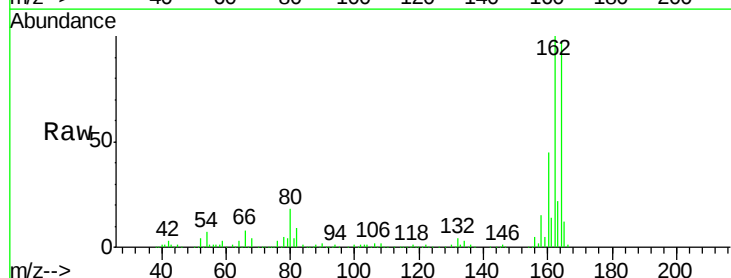
Tgt Ion: 164 Resp: 370760

Ion Ratio Lower Upper

164 100

162 103.4 80.6 121.0

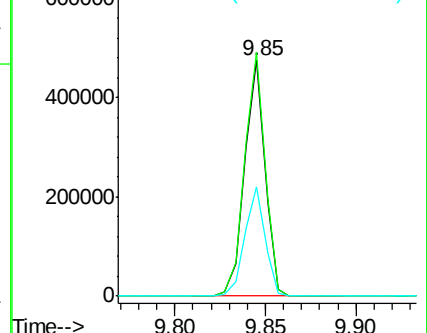
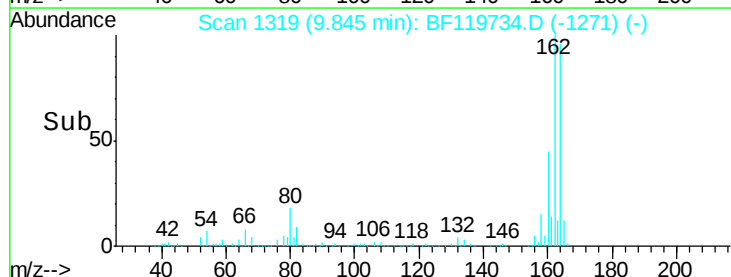
160 46.5 35.7 53.5

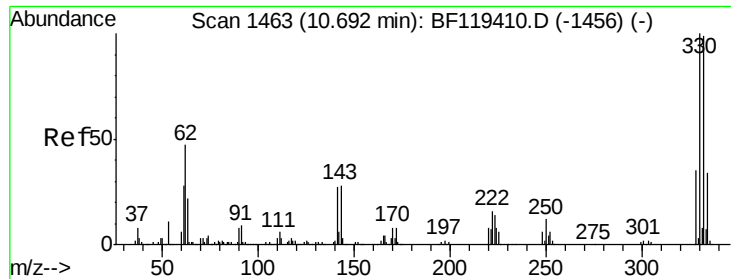


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

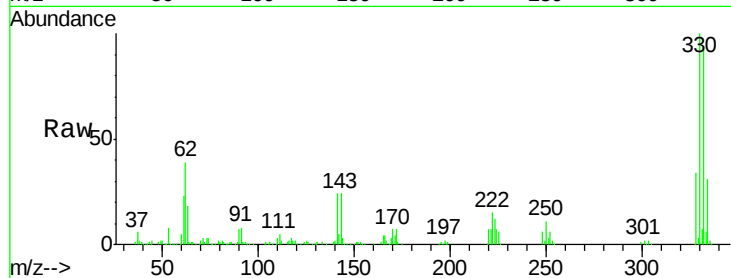




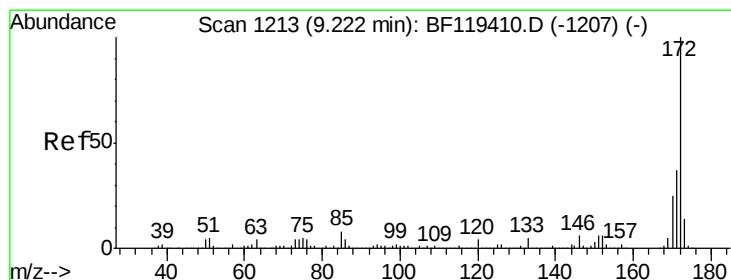
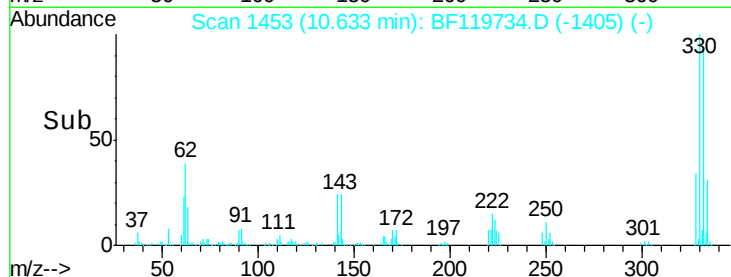
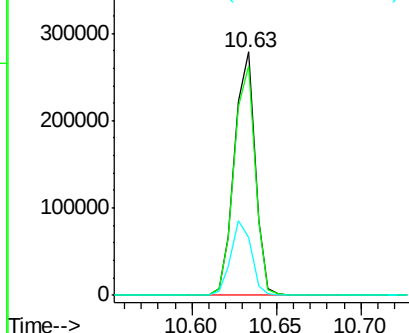
#42
 2,4,6-Tribromophenol
 Concen: 62.14 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BF119734.D
 Acq: 3 Apr 2020 22:59

Instrument :
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 SMALL-HOUSE-WALLS

Tgt Ion:330 Resp: 237691
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.7 113.5
 141 30.3 25.4 38.0

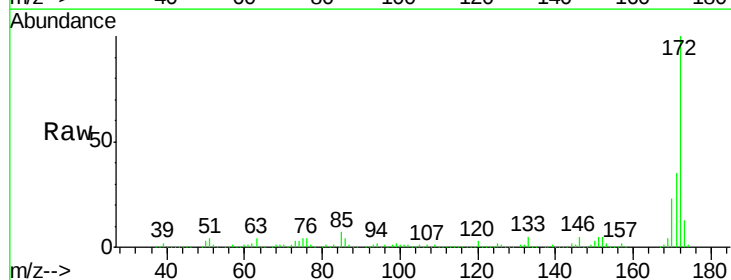


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

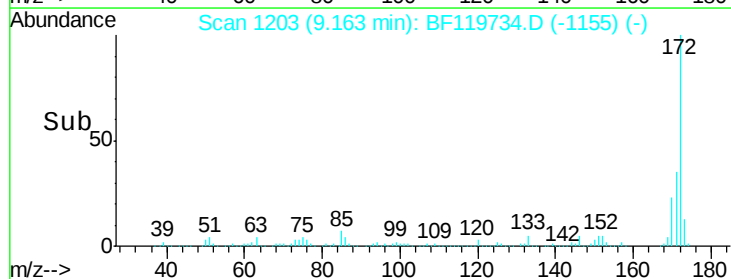
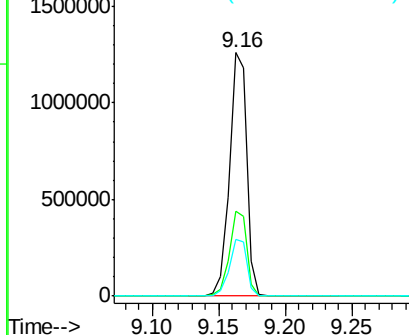


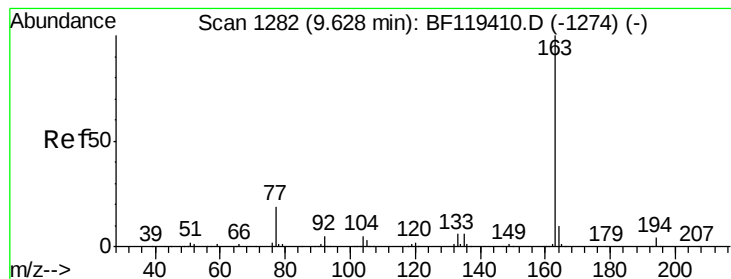
#45
 2-Fluorobiphenyl
 Concen: 46.17 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF119734.D
 Acq: 3 Apr 2020 22:59

Tgt Ion:172 Resp: 1155454
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.4 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





#50

Dimethylphthalate

Concen: 2.27 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.03 min

Lab File: BF119734.D

Acq: 3 Apr 2020 22:59

Instrument :

BNA_F

ClientSampleId :

SMALL-HOUSE-WALLS

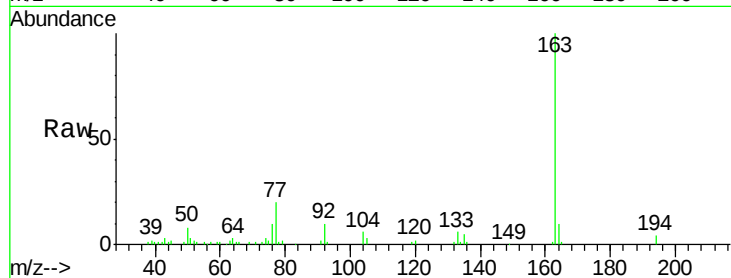
Tgt Ion:163 Resp: 59841

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

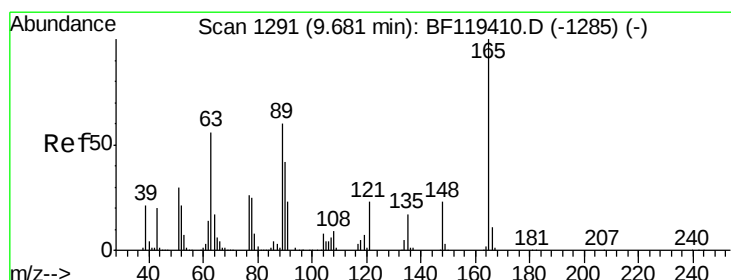
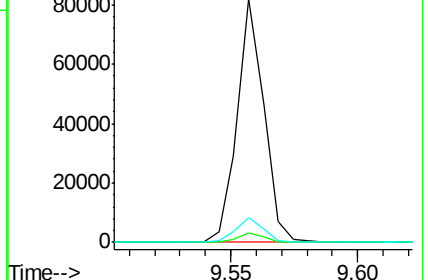
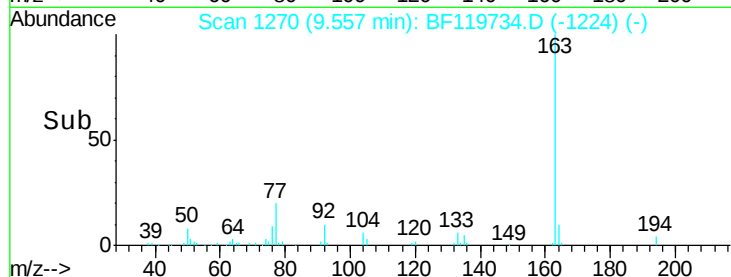
164 10.1 8.2 12.2



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: 8.56 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF119734.D

Acq: 3 Apr 2020 22:59

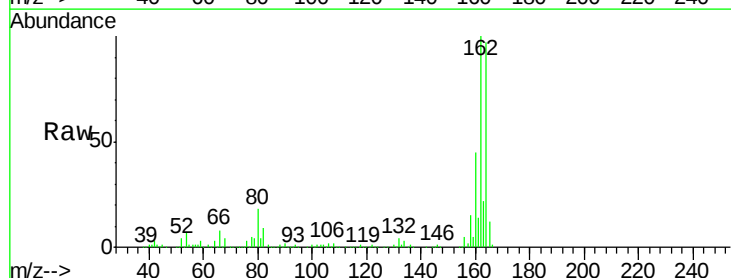
Tgt Ion:165 Resp: 48347

Ion Ratio Lower Upper

165 100

63 1.5 45.0 67.4#

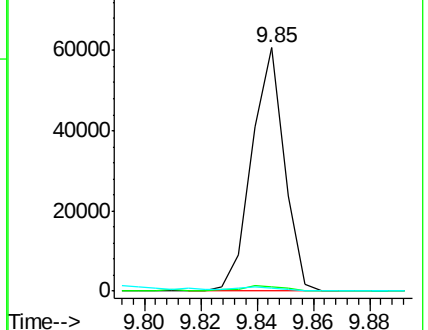
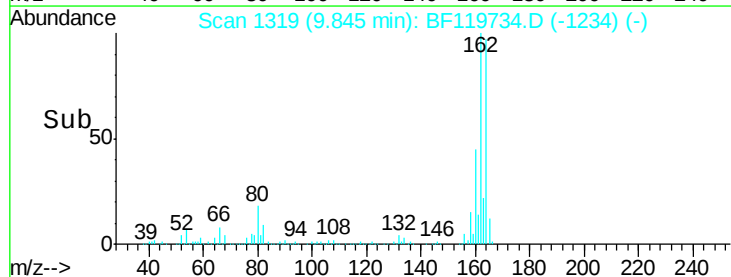
89 1.5 41.5 62.3#

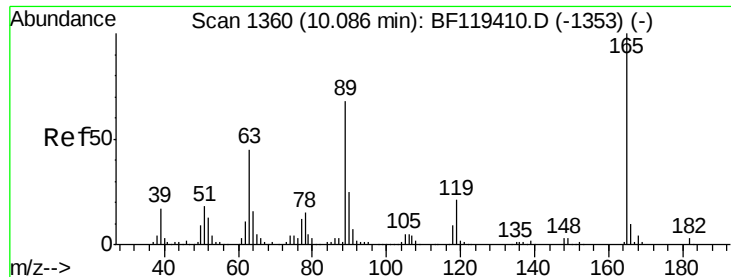


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

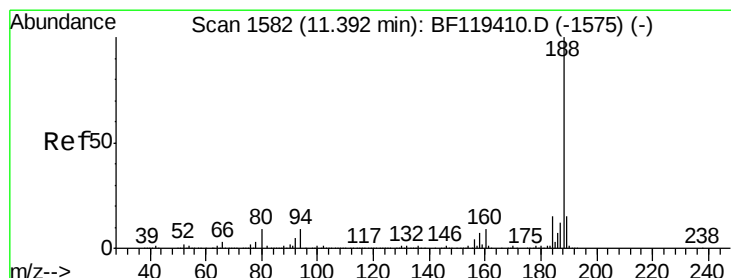
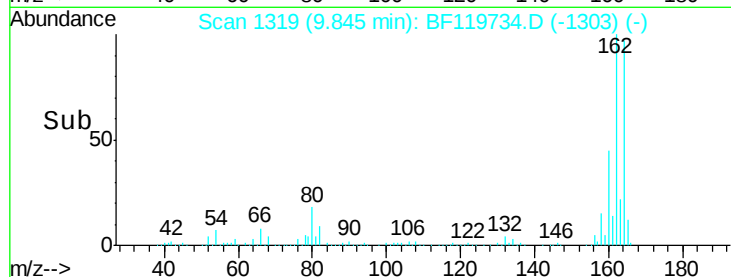
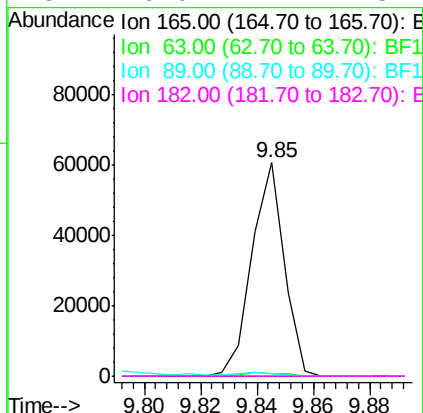
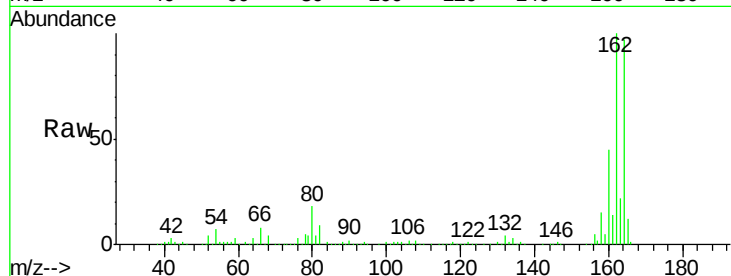




#57
 2,4-Dinitrotoluene
 Concen: 6.80 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119734.D
 Acq: 3 Apr 2020 22:59

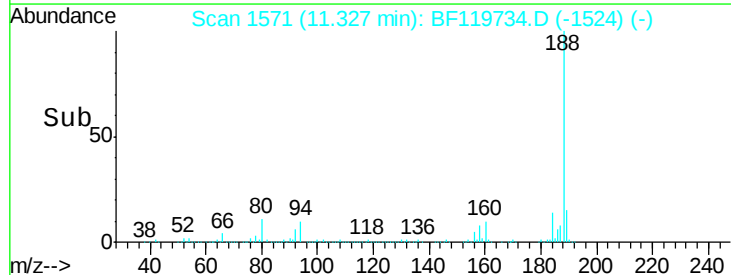
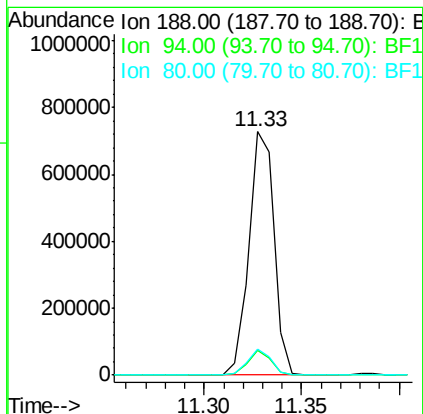
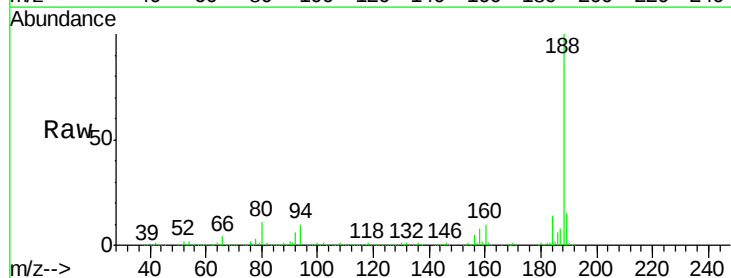
Instrument :
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 ClientSampleId :
 SMALL-HOUSE-WALLS

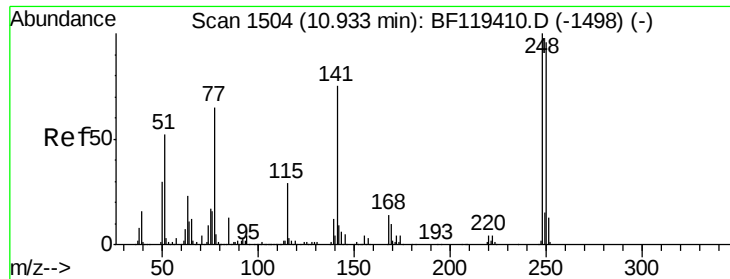
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	48347		
63	1.5	42.6	64.0#	
89	1.5	61.0	91.4#	
182	0.0	2.2	3.2#	



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF119734.D
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	649029		
94	10.3	7.5	11.3	
80	10.9	9.0	13.4	

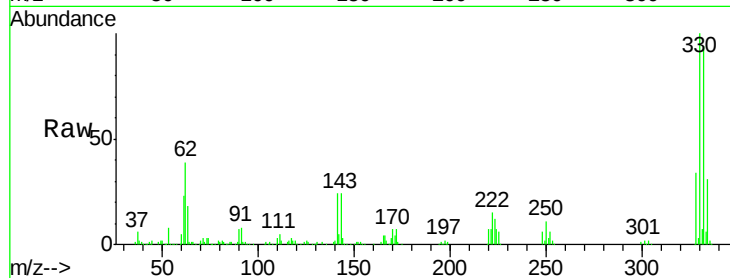




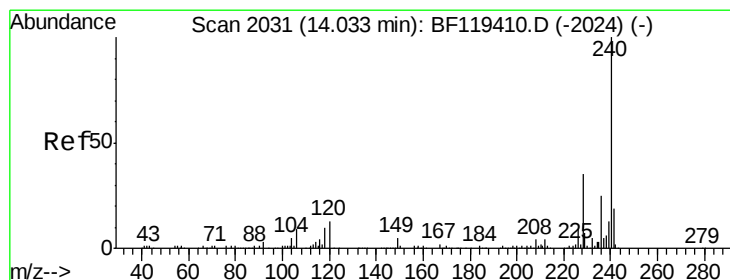
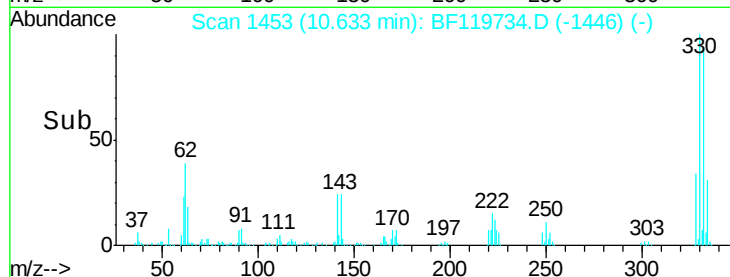
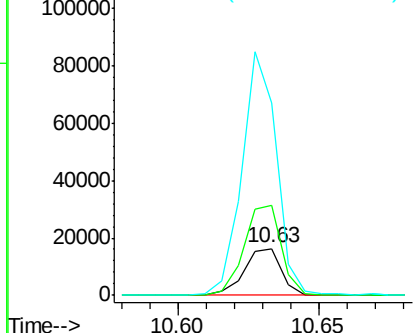
#67
 4-Bromophenyl-phenylether
 Concen: 2.02 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.26 min
 Lab File: BF119734.D
 Acq: 3 Apr 2020 22:59

Instrument :
 BNA_F
 ClientSampleId :
 SMALL-HOUSE-WALLS

Tgt Ion:248 Resp: 14924
 Ion Ratio Lower Upper
 248 100
 250 192.6 77.3 115.9#
 141 407.9 58.6 87.8#

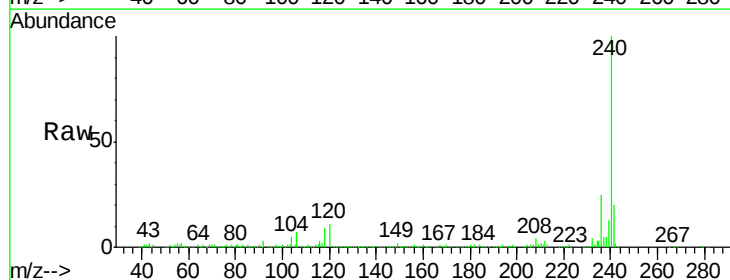


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

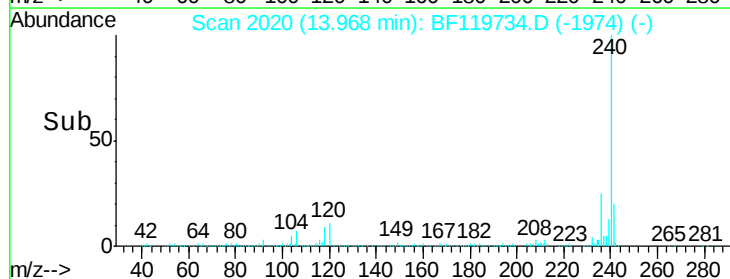
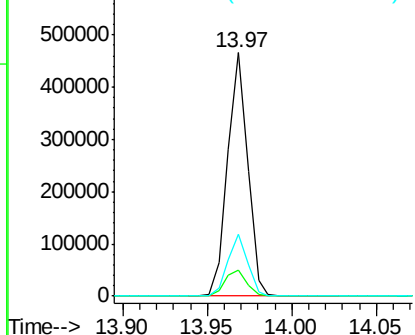


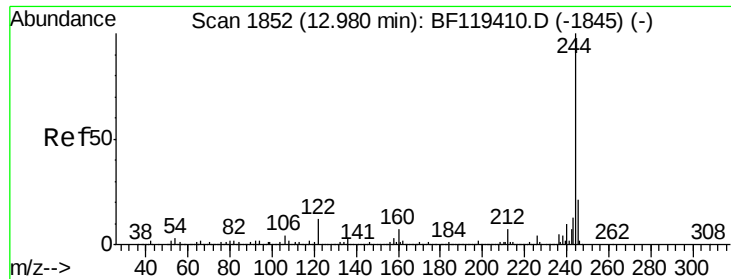
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BF119734.D
 Acq: 3 Apr 2020 22:59

Tgt Ion:240 Resp: 385419
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.6 15.8
 236 25.3 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

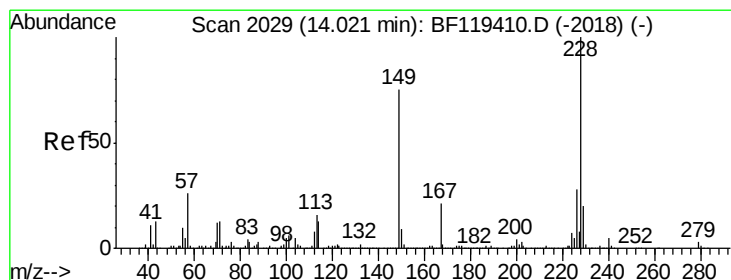
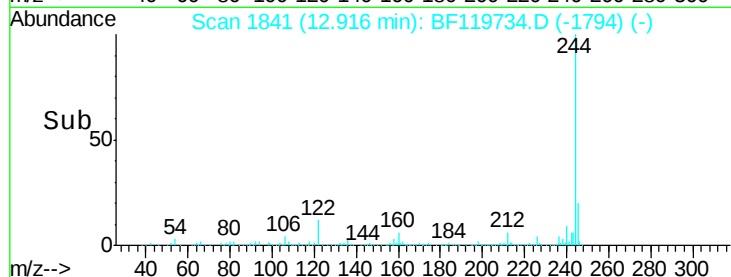
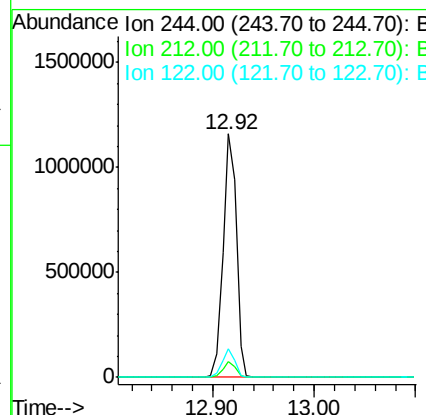
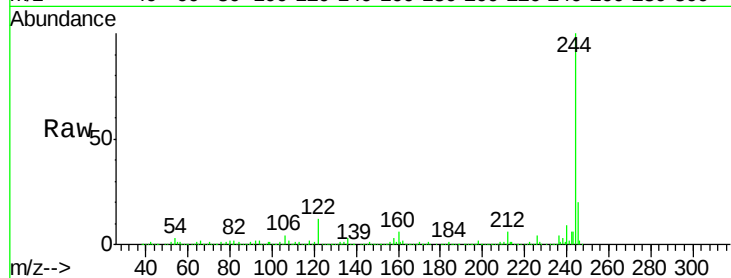




#79
 Terphenyl-d14
 Concen: 53.47 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF119734.D
 Acq: 3 Apr 2020 22:59

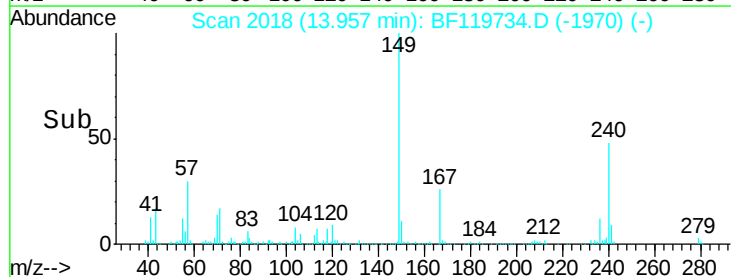
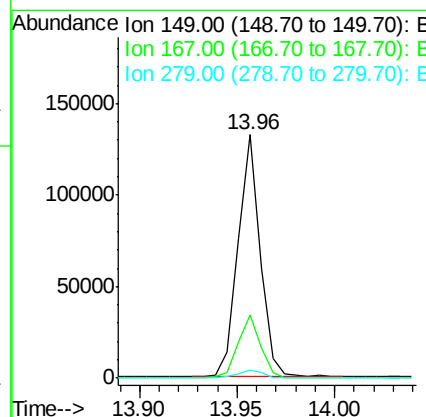
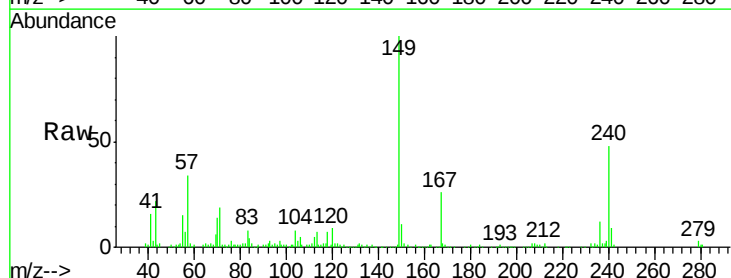
Instrument :
 BNA_F
 ClientSampleId :
 SMALL-HOUSE-WALLS

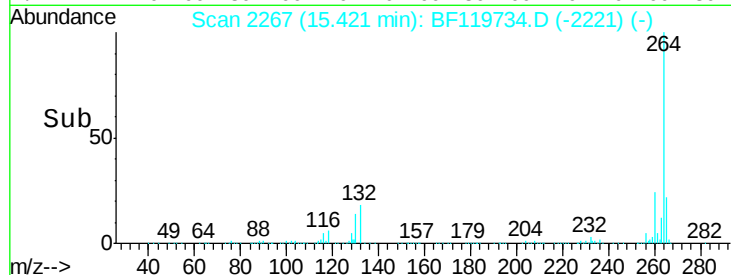
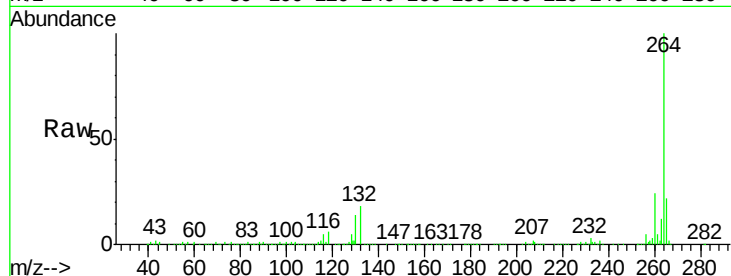
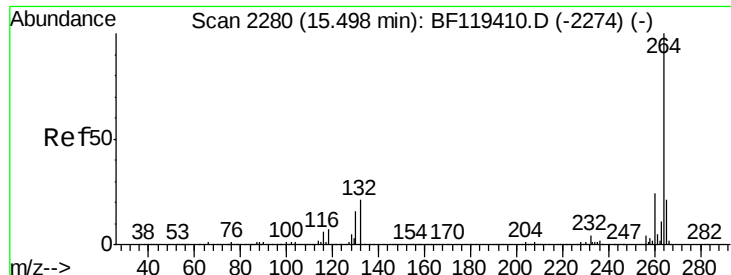
Tgt Ion:244 Resp: 1051817
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 11.7 10.3 15.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.84 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BF119734.D
 Acq: 3 Apr 2020 22:59

Tgt Ion:149 Resp: 104261
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.3 31.9
 279 3.4 2.7 4.1





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF119734.D
Acq: 3 Apr 2020 22:59

Instrument :
BNA_F
ClientSampleId :
SMALL-HOUSE-WALLS

Tgt Ion:	264	Resp:	403515
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.8	17.7	26.5

