

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119731.D
 Acq On : 3 Apr 2020 21:37
 Operator : MA/SJ
 Sample : L2133-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIG-HOUSE-FLOORS

Quant Time: Apr 03 23:53:28 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

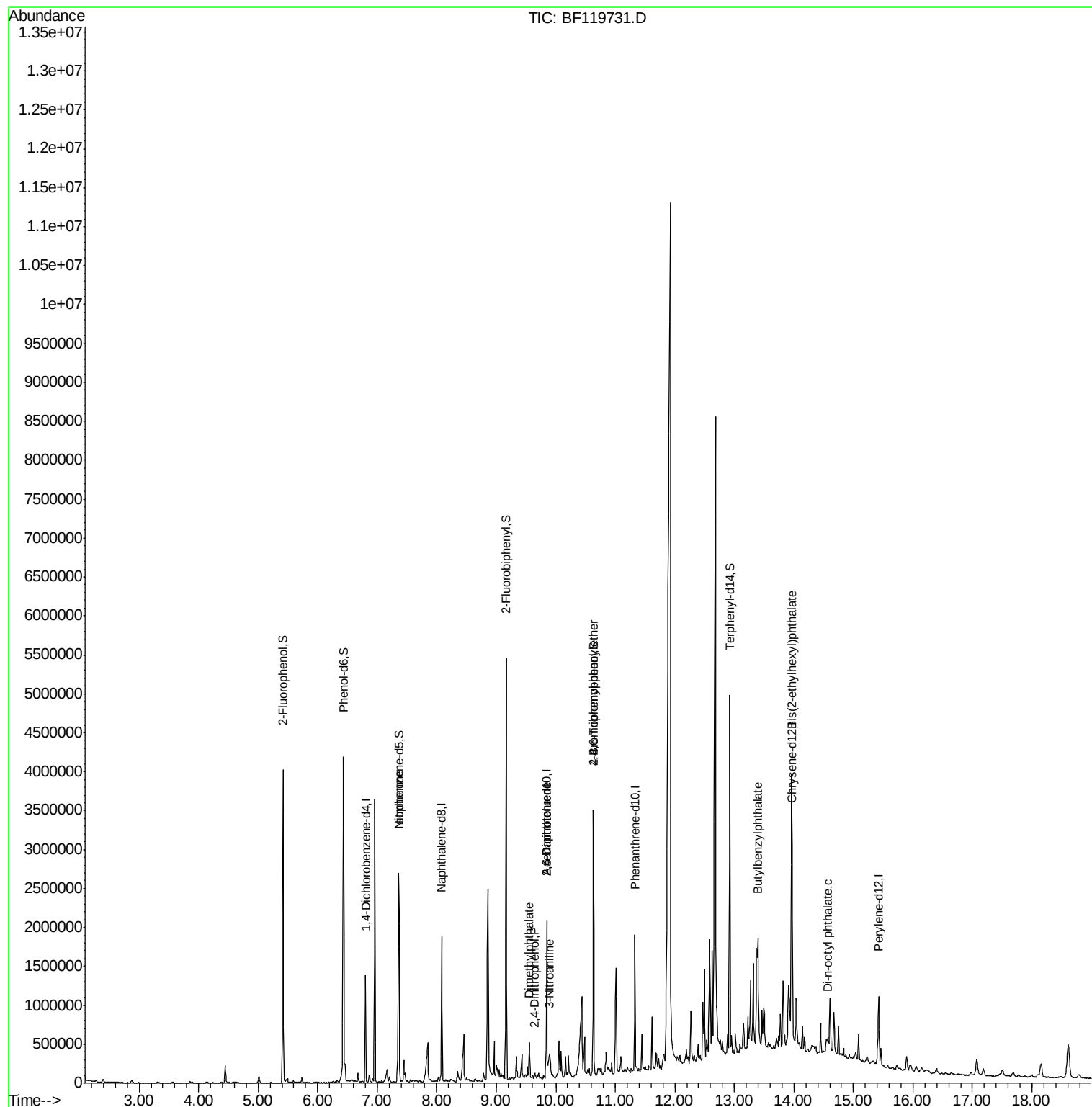
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	198011	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	762981	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	384096	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	704227	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	410284	20.00	ng	-0.02
87) Perylene-d12	15.42	264	409431	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1129205	90.78	ng	0.00
7) Phenol-d6	6.43	99	1446084	91.01	ng	-0.01
23) Nitrobenzene-d5	7.36	82	886276	63.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	397016	100.19	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1674058	64.57	ng	-0.01
79) Terphenyl-d14	12.92	244	1724191	82.33	ng	-0.02
Target Compounds						
25) Isophorone	7.36	82	883788	31.03	ng	# 65
50) Dimethylphthalate	9.56	163	149373	5.48	ng	98
51) 2,6-Dinitrotoluene	9.85	165	50573	8.65	ng	# 27
53) 3-Nitroaniline	9.90	138	35436	4.80	ng	# 1
54) 2,4-Dinitrophenol	9.65	184	212	7.35	ng	# 21
57) 2,4-Dinitrotoluene	9.85	165	50573	6.87	ng	# 21
67) 4-Bromophenyl-phenylether	10.63	248	24085	3.00	ng	# 1
80) Butylbenzylphthalate	13.40	149	166230	12.21	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	821890	50.63	ng	99
85) Di-n-octyl phthalate	14.57	149	57222	2.00	ng	# 73

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

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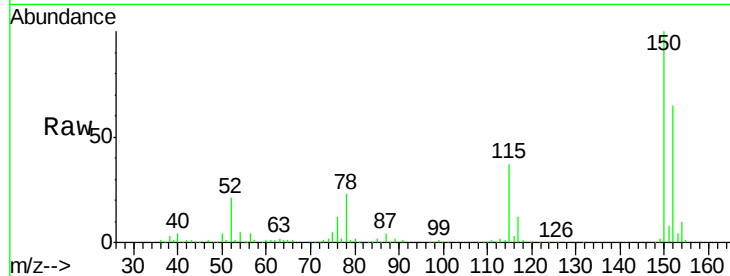


#1

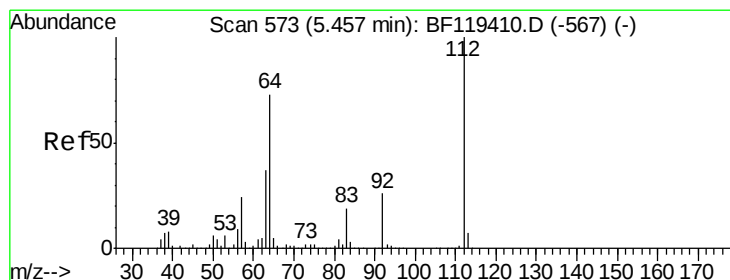
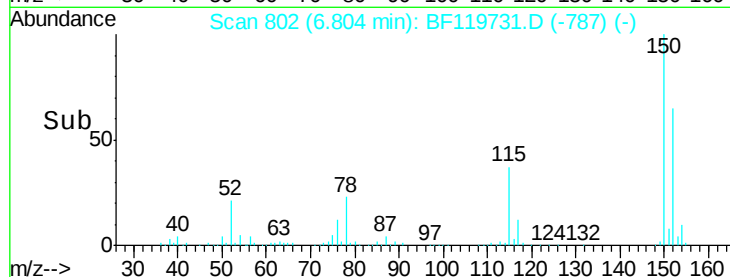
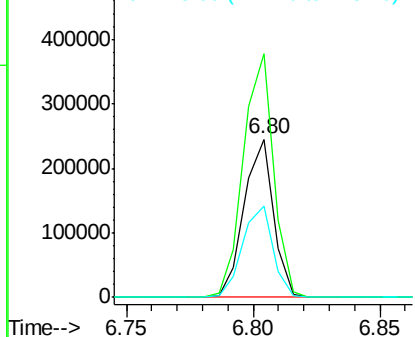
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Instrument :
BNA_F
ClientSampleId :
BIG-HOUSE-FLOORS

Tgt Ion:152 Resp: 198011
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 57.7 49.6 74.4



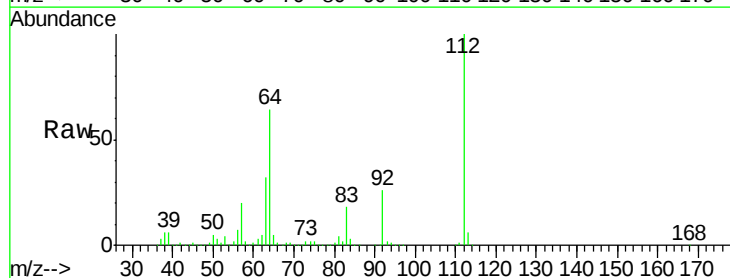
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



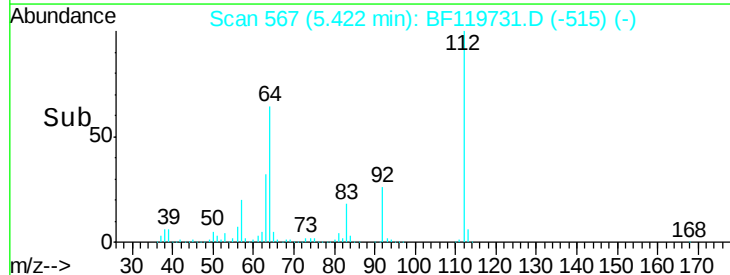
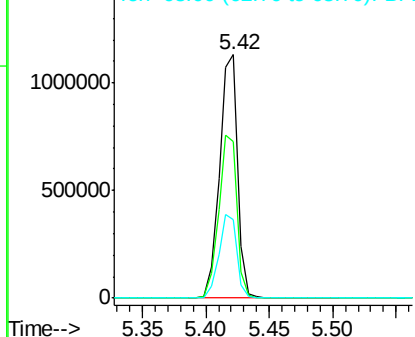
#5

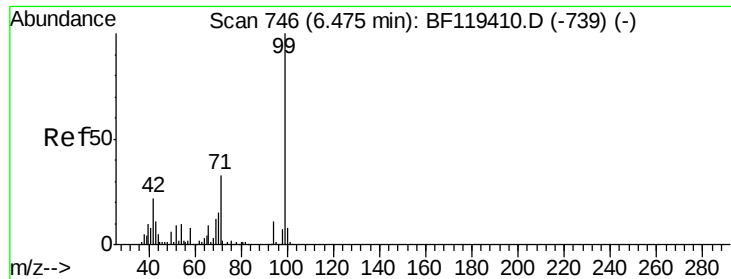
2-Fluorophenol
Concen: 90.78 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Tgt Ion:112 Resp: 1129205
Ion Ratio Lower Upper
112 100
64 64.5 56.7 85.1
63 32.4 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: 91.01 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119731.D

Acq: 3 Apr 2020 21:37

Instrument :

BNA_F

ClientSampleId :

BIG-HOUSE-FLOORS

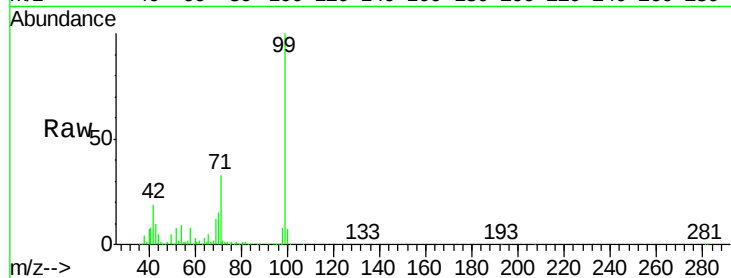
Tgt Ion: 99 Resp: 1446084

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

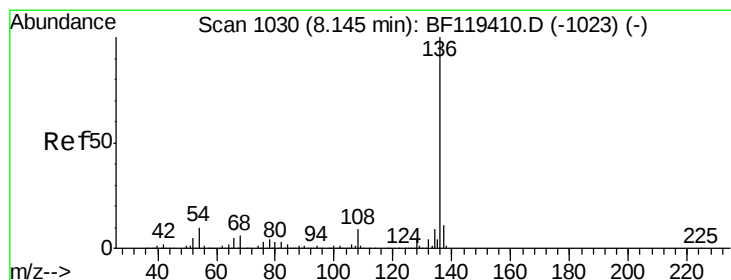
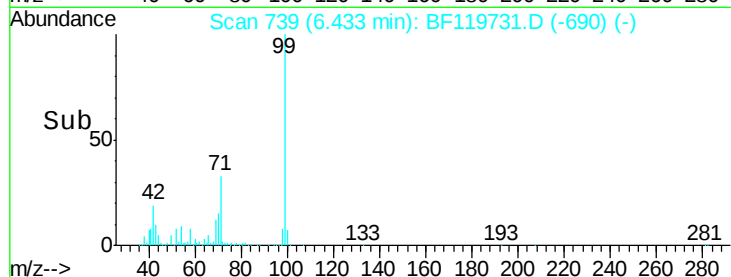
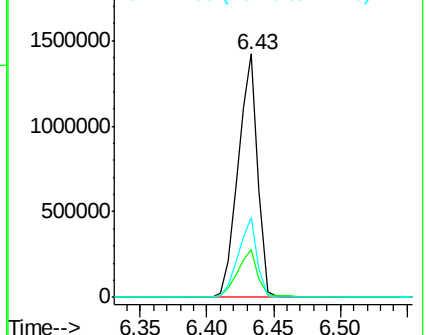
71 32.6 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119731.D

Acq: 3 Apr 2020 21:37

Tgt Ion: 136 Resp: 762981

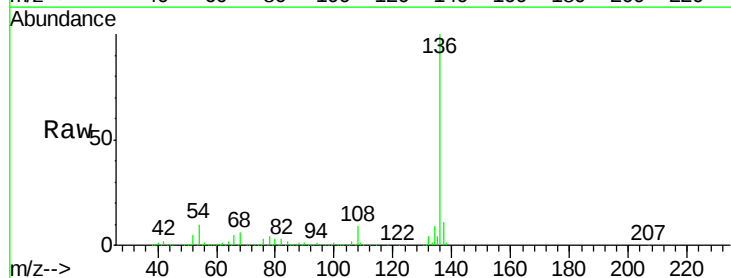
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.5 9.1 13.7

68 5.9 4.6 6.8

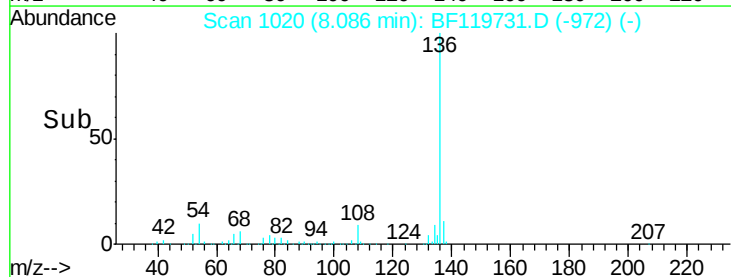
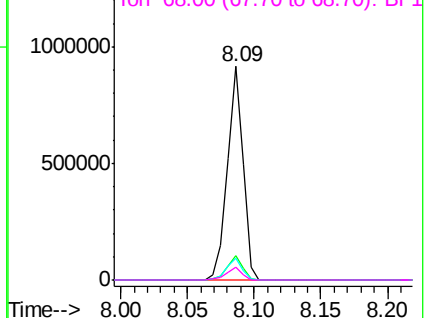


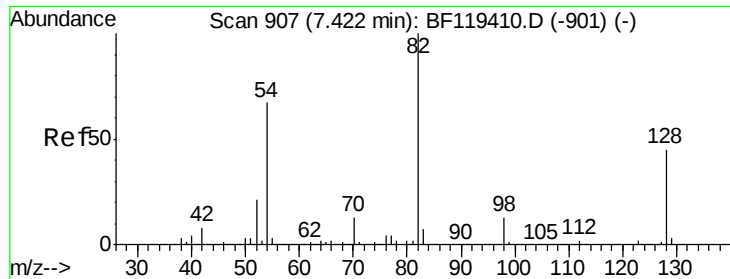
Abundance Ion 136.00 (135.70 to 136.70): E

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

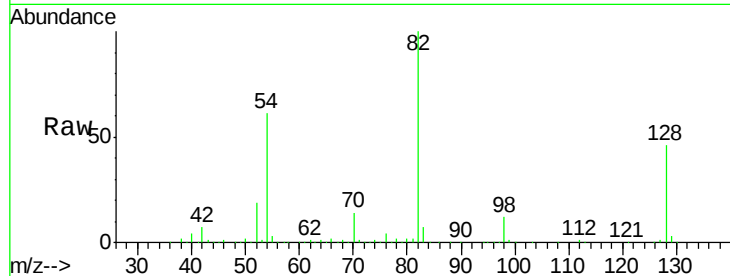




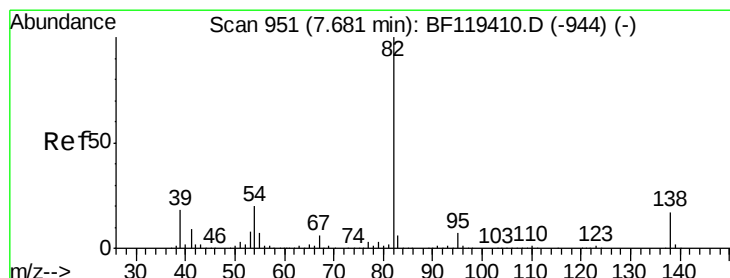
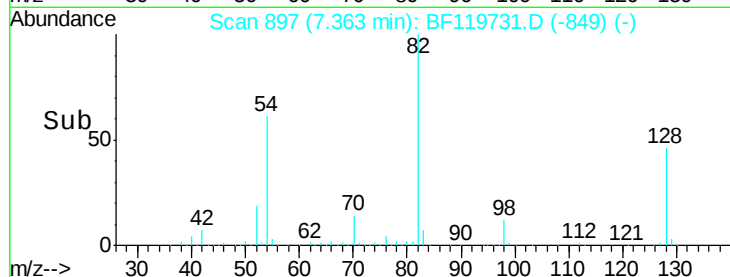
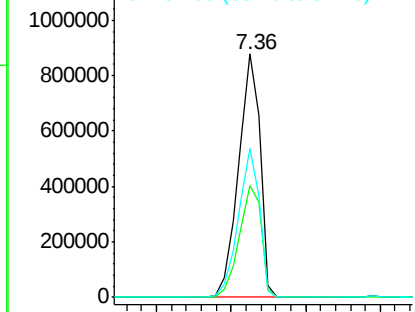
#23
Nitrobenzene-d5
Concen: 63.13 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Instrument :
BNA_F
ClientSampleId :
BIG-HOUSE-FLOORS

Tgt Ion: 82 Resp: 886276
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 61.3 50.6 75.8

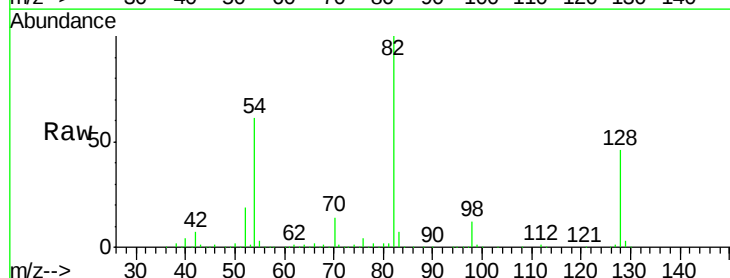


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

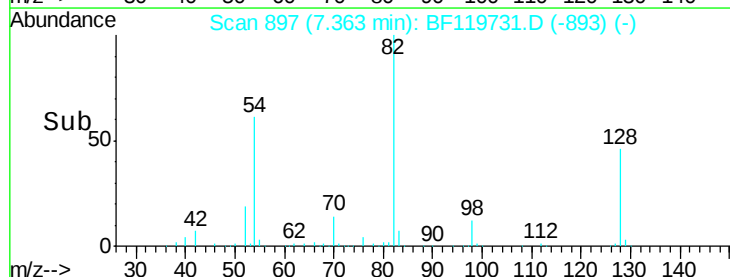
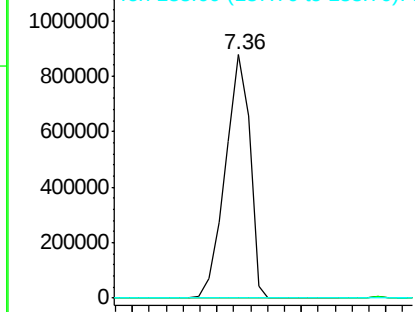


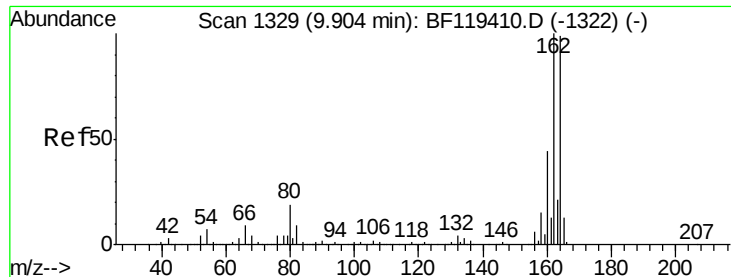
#25
Isophorone
Concen: 31.03 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Tgt Ion: 82 Resp: 883788
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

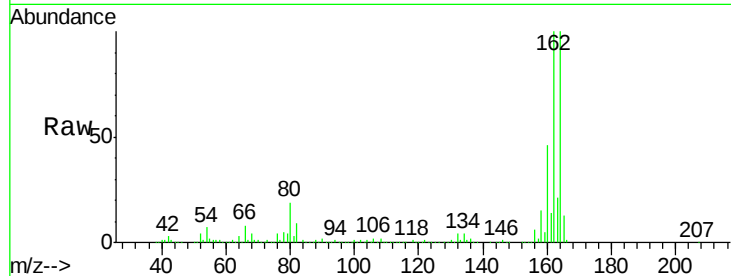




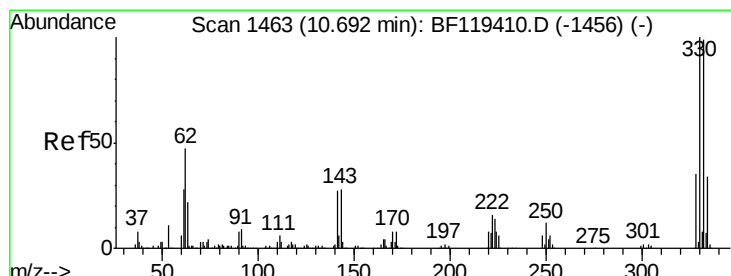
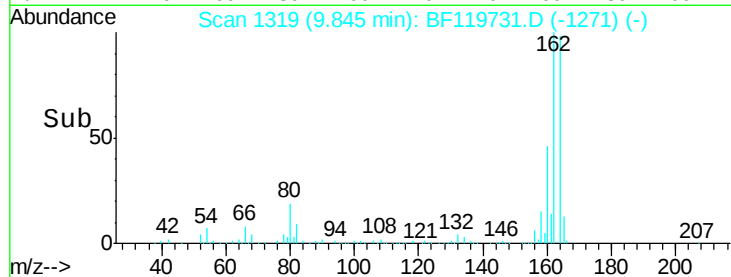
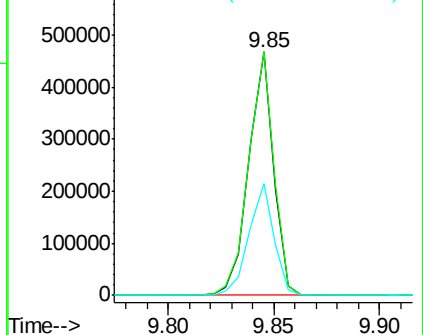
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Instrument :
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ClientSampleId :
BIG-HOUSE-FLOORS

Tgt Ion:164 Resp: 384096
Ion Ratio Lower Upper
164 100
162 99.8 80.6 121.0
160 45.8 35.7 53.5

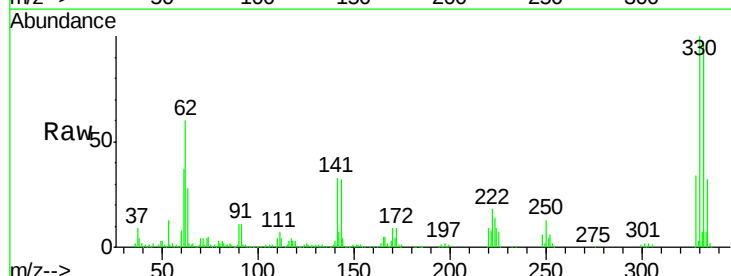


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

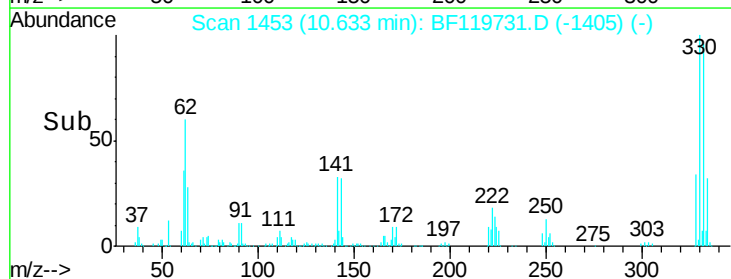
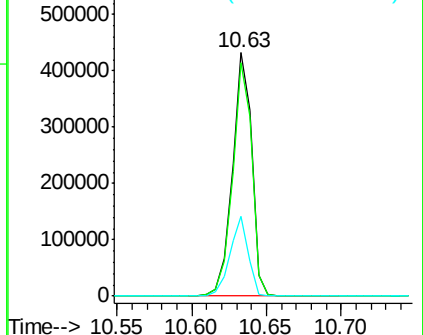


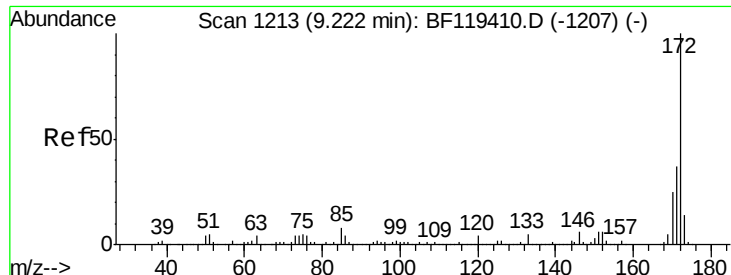
#42
2,4,6-Tribromophenol
Concen: 100.19 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Tgt Ion:330 Resp: 397016
Ion Ratio Lower Upper
330 100
332 95.5 75.7 113.5
141 31.5 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

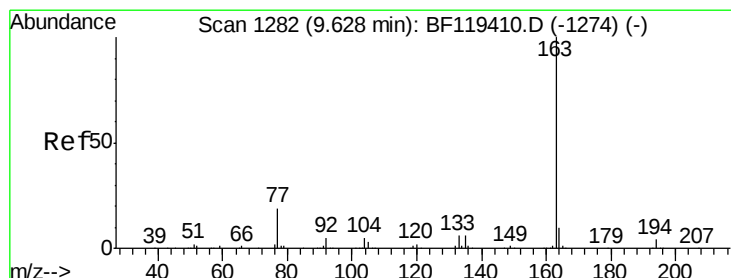
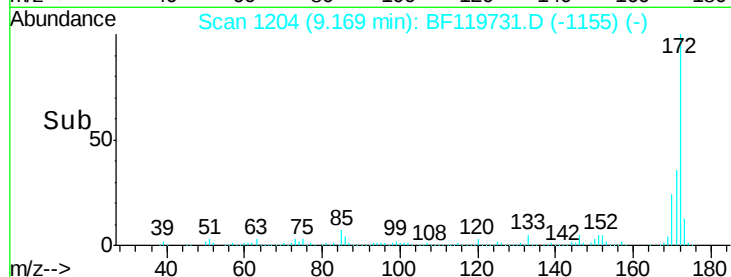
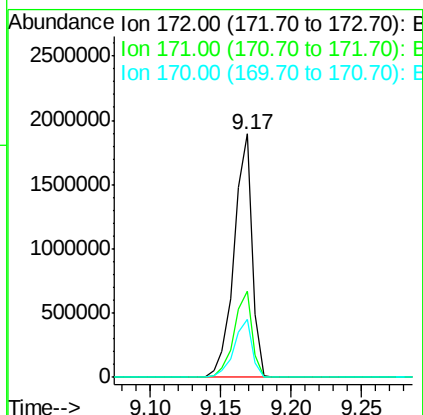
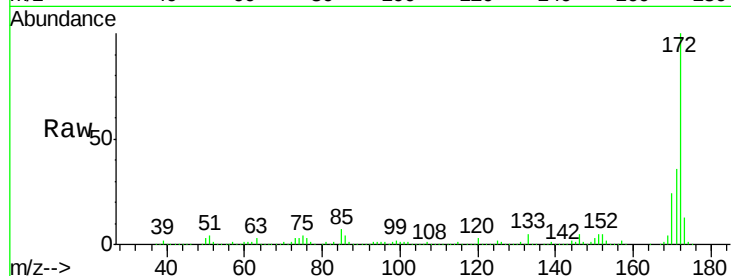




#45
 2-Fluorobiphenyl
 Concen: 64.57 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119731.D
 Acq: 3 Apr 2020 21:37

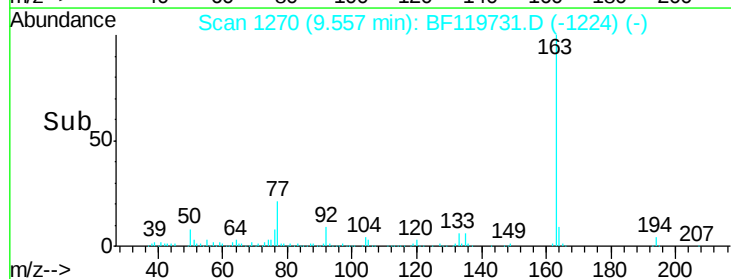
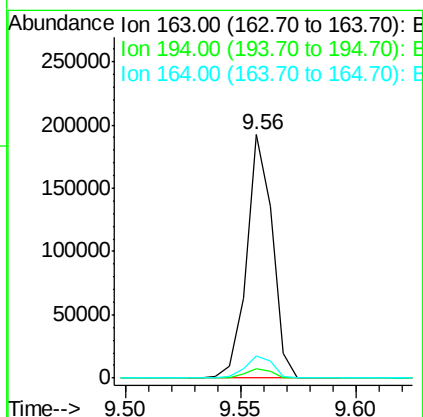
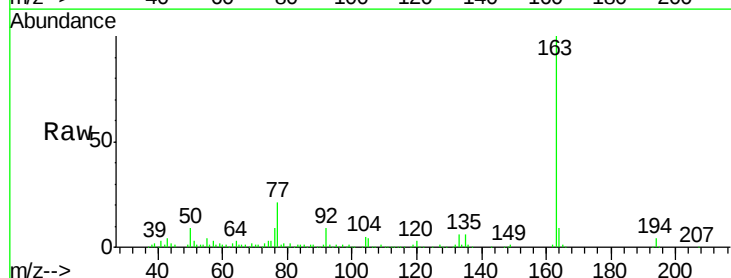
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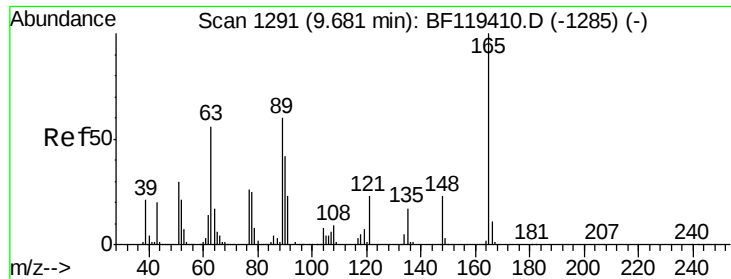
Tgt Ion:172 Resp: 1674058
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.8 20.2 30.2



#50
 Dimethylphthalate
 Concen: 5.48 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.03 min
 Lab File: BF119731.D
 Acq: 3 Apr 2020 21:37

Tgt Ion:163 Resp: 149373
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.1 4.7
 164 9.3 8.2 12.2

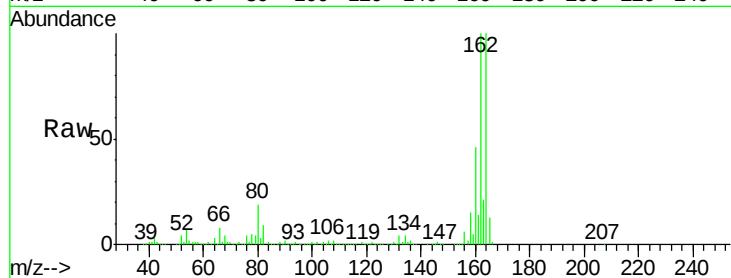




#51
 2,6-Dinitrotoluene
 Concen: 8.65 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF119731.D
 Acq: 3 Apr 2020 21:37

Instrument :
 BNA_F
 ClientSampleId :
 BIG-HOUSE-FLOORS

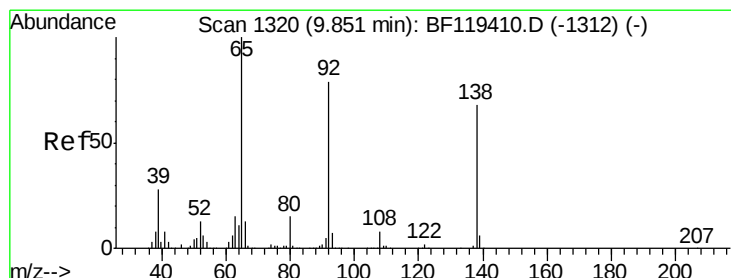
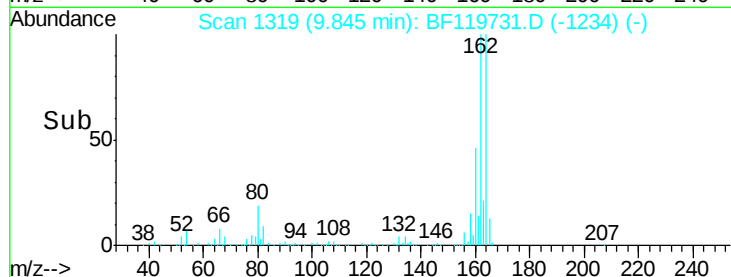
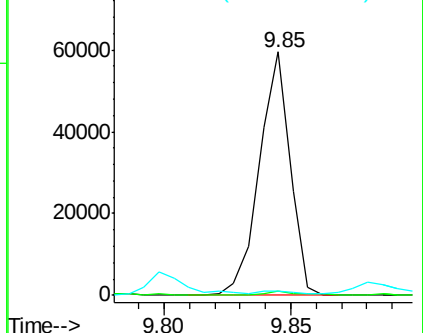
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	45.0	67.4#
89	1.6	41.5	62.3#



Abundance Ion 165.00 (164.70 to 165.70): E

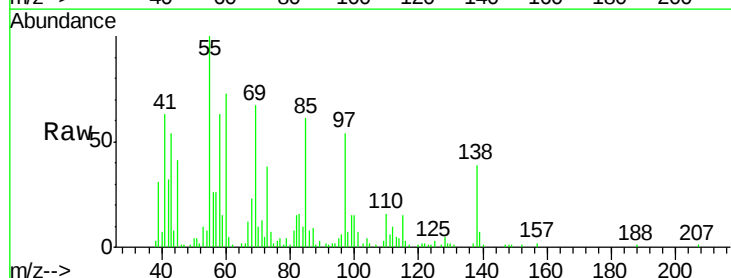
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#53
 3-Nitroaniline
 Concen: 4.80 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.08 min
 Lab File: BF119731.D
 Acq: 3 Apr 2020 21:37

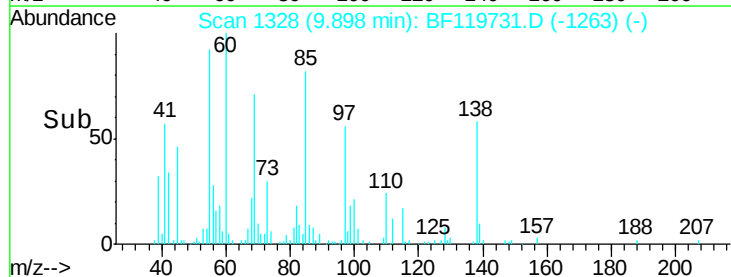
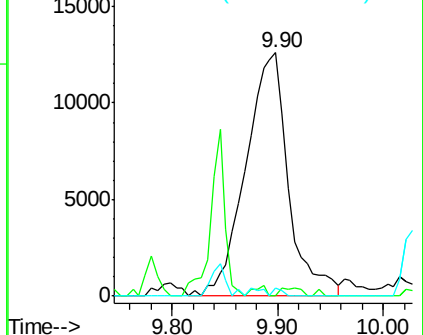
Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.6	13.0#
92	3.1	95.4	143.0#

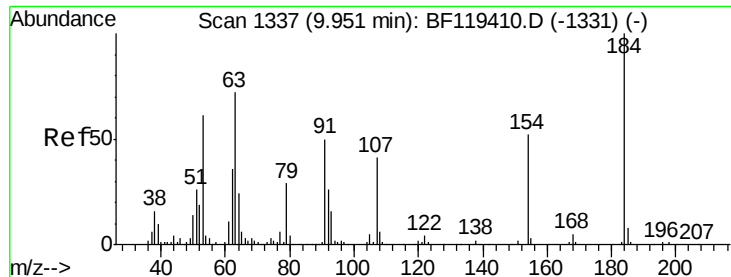


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

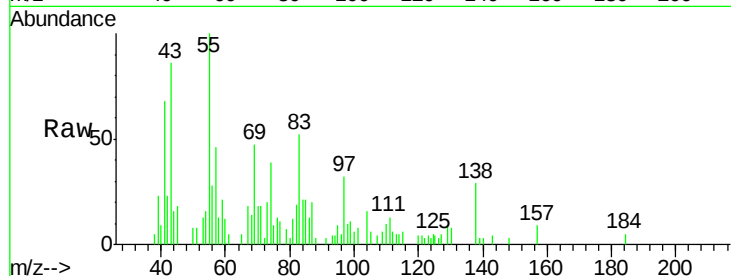




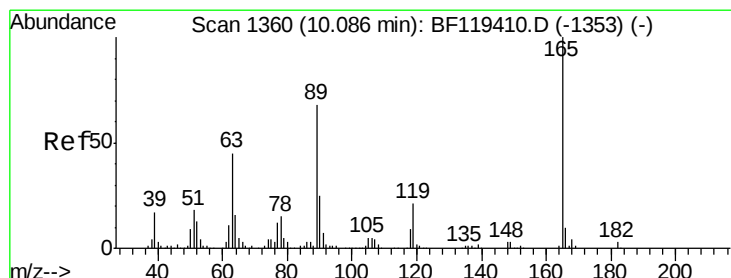
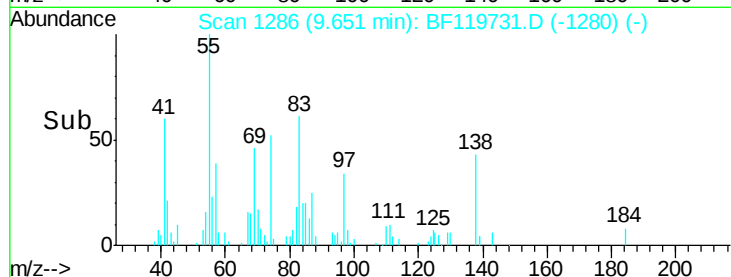
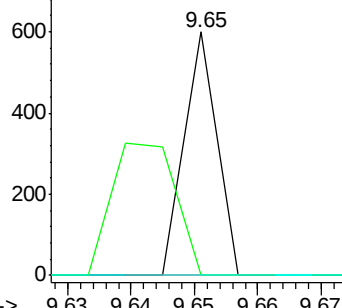
#54
2,4-Dinitrophenol
Concen: 7.35 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.26 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Instrument :
BNA_F
ClientSampleId :
BIG-HOUSE-FLOORS

Tgt Ion:184 Resp: 212
Ion Ratio Lower Upper
184 100
63 0.0 50.2 75.4#
154 0.0 44.5 66.7#

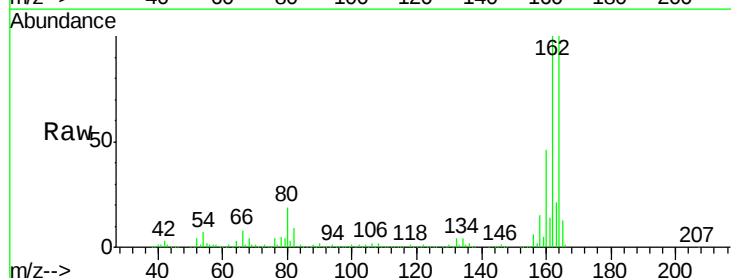


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

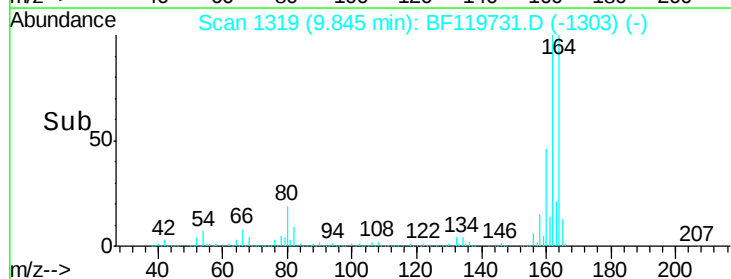
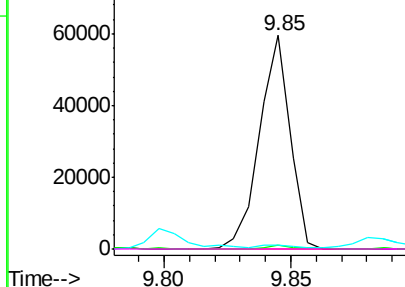


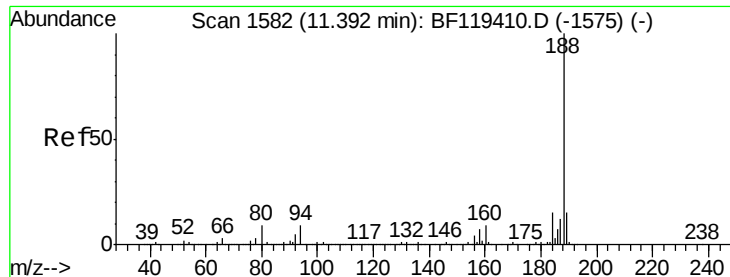
#57
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Tgt Ion:165 Resp: 50573
Ion Ratio Lower Upper
165 100
63 1.7 42.6 64.0#
89 1.6 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

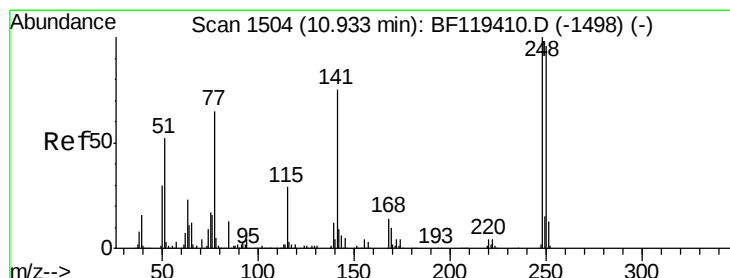
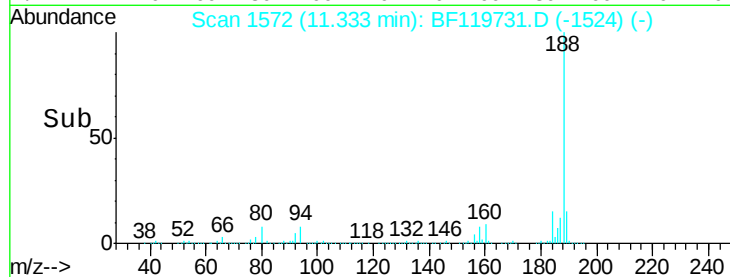
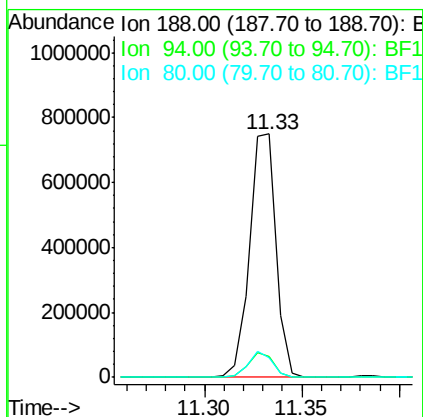
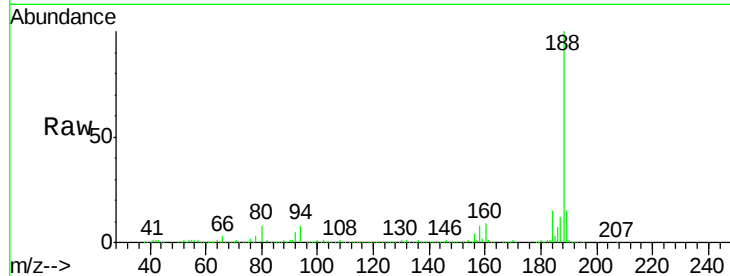




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

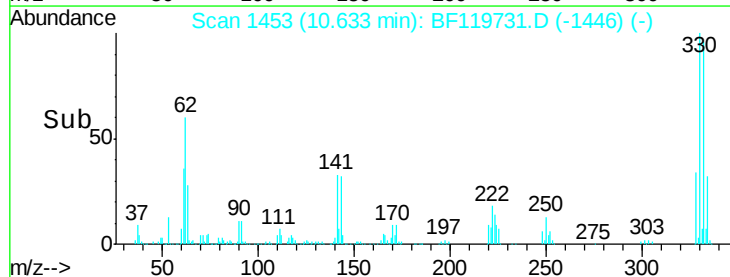
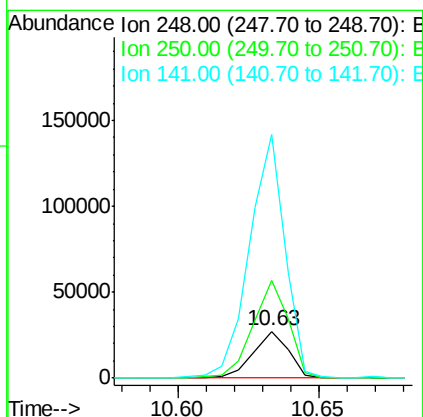
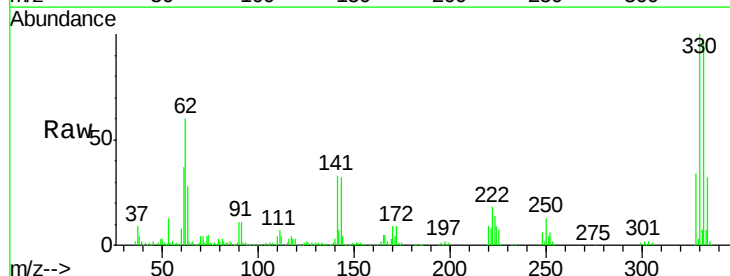
Instrument :
BNA_F
ClientSampleId :
BIG-HOUSE-FLOORS

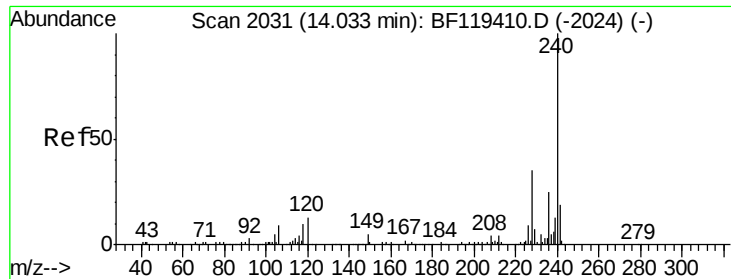
Tgt Ion:188 Resp: 704227
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.3 9.0 13.4#



#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.26 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Tgt Ion:248 Resp: 24085
Ion Ratio Lower Upper
248 100
250 207.5 77.3 115.9#
141 518.1 58.6 87.8#

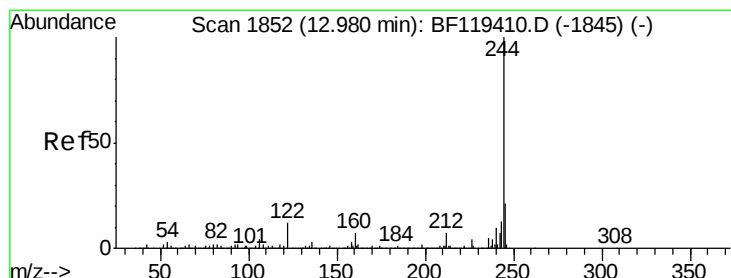
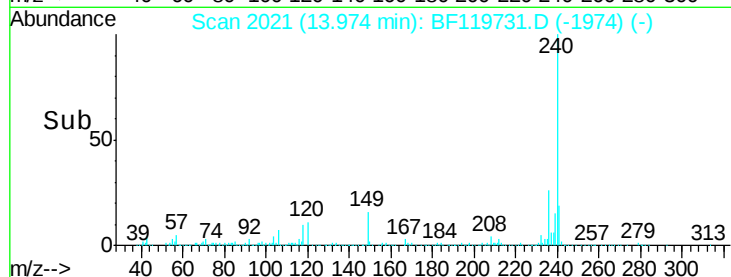
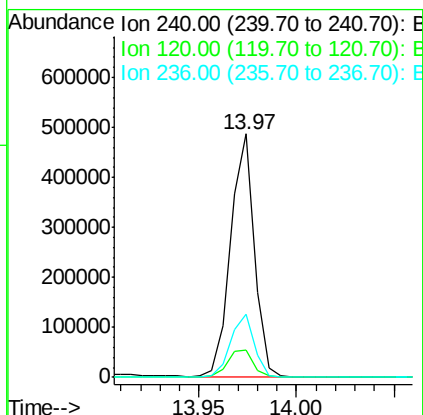
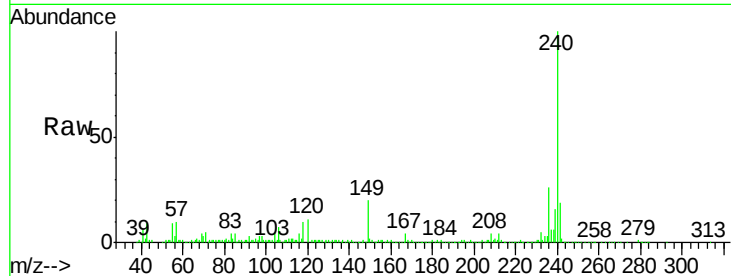




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

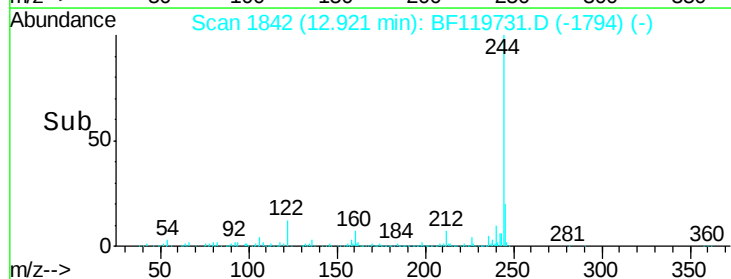
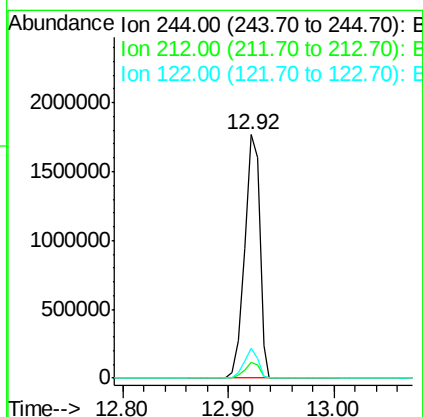
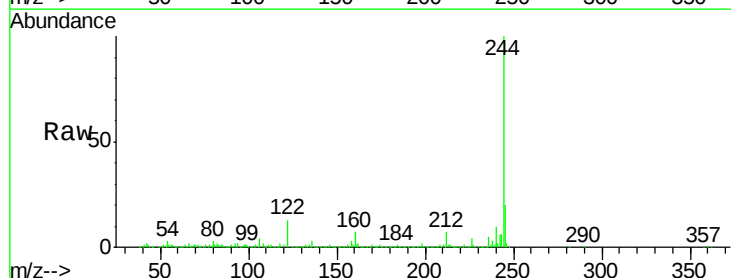
Instrument :
BNA_F
ClientSampleId :
BIG-HOUSE-FLOORS

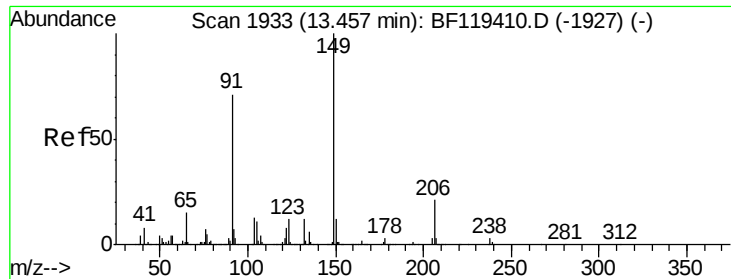
Tgt Ion:240 Resp: 410284
Ion Ratio Lower Upper
240 100
120 11.0 10.6 15.8
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 82.33 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Tgt Ion:244 Resp: 1724191
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 12.5 10.3 15.5

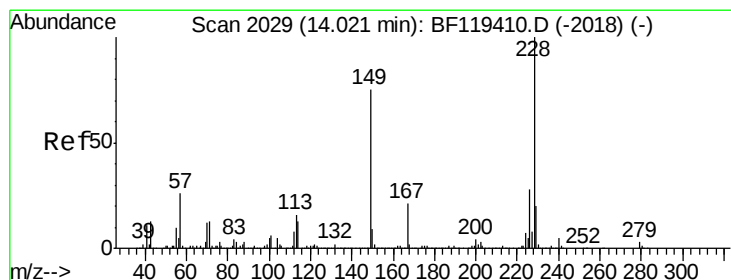
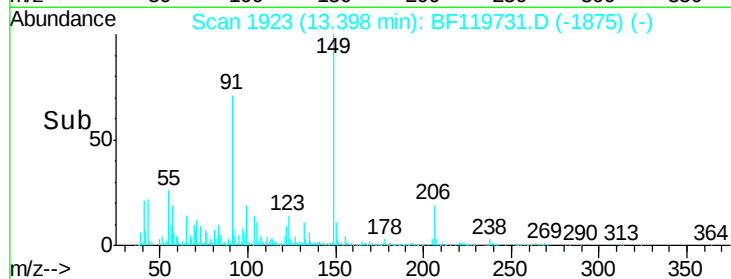
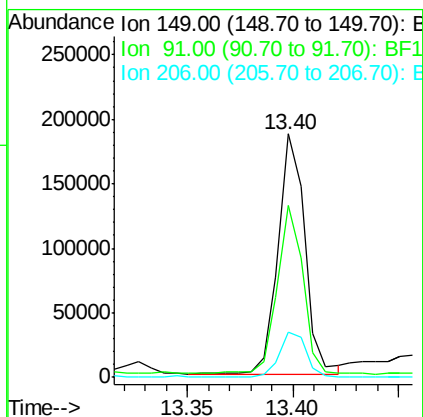
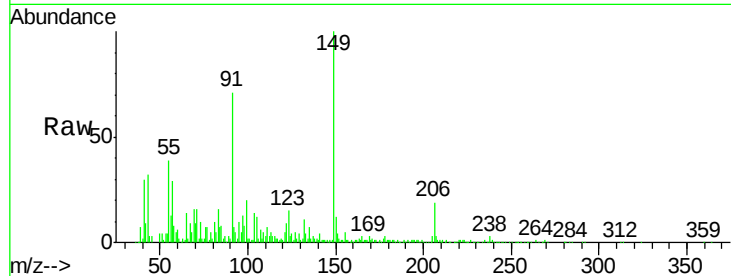




#80
Butylbenzylphthalate
Concen: 12.21 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

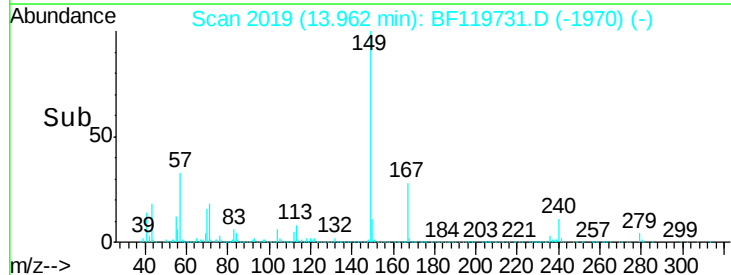
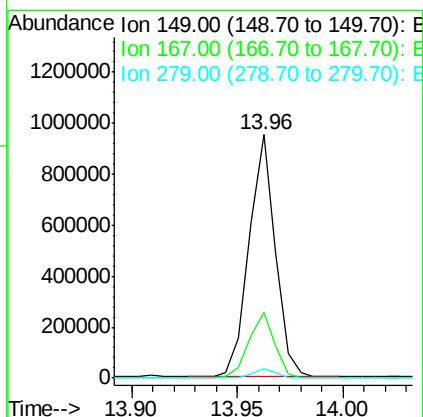
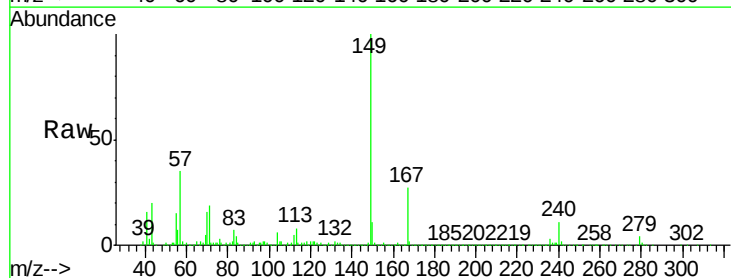
Instrument :
BNA_F
ClientSampleId :
BIG-HOUSE-FLOORS

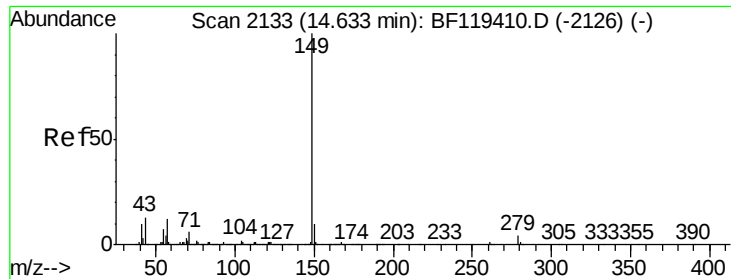
Tgt Ion:149 Resp: 166230
Ion Ratio Lower Upper
149 100
91 70.6 54.7 82.1
206 18.7 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.63 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Tgt Ion:149 Resp: 821890
Ion Ratio Lower Upper
149 100
167 27.2 21.3 31.9
279 3.7 2.7 4.1

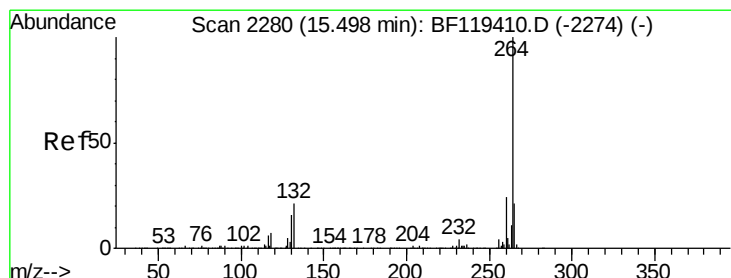
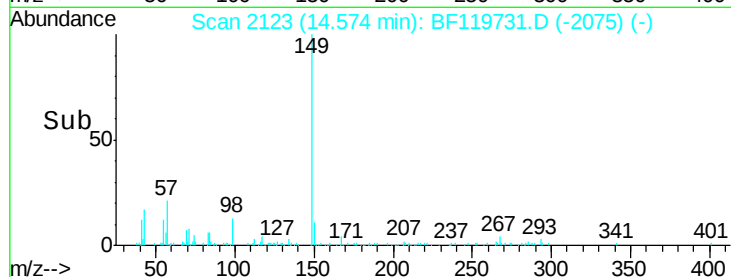
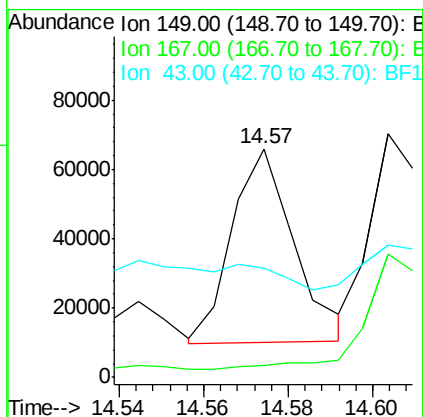
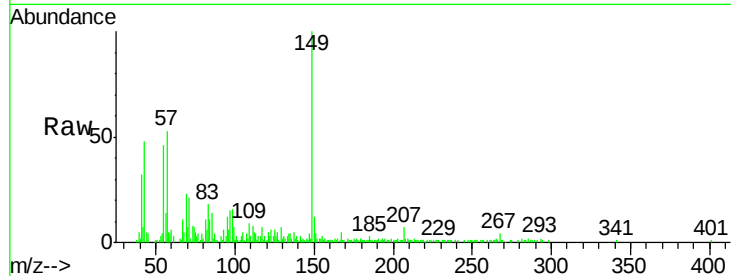




#85
Di-n-octyl phthalate
Concen: 2.00 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Instrument :
BNA_F
ClientSampleId :
BIG-HOUSE-FLOORS

Tgt Ion:149 Resp: 57222
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 9.3 13.9#



#87
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF119731.D
Acq: 3 Apr 2020 21:37

Tgt Ion:264 Resp: 409431
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.4 17.7 26.5

