

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 04 00:43:48 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

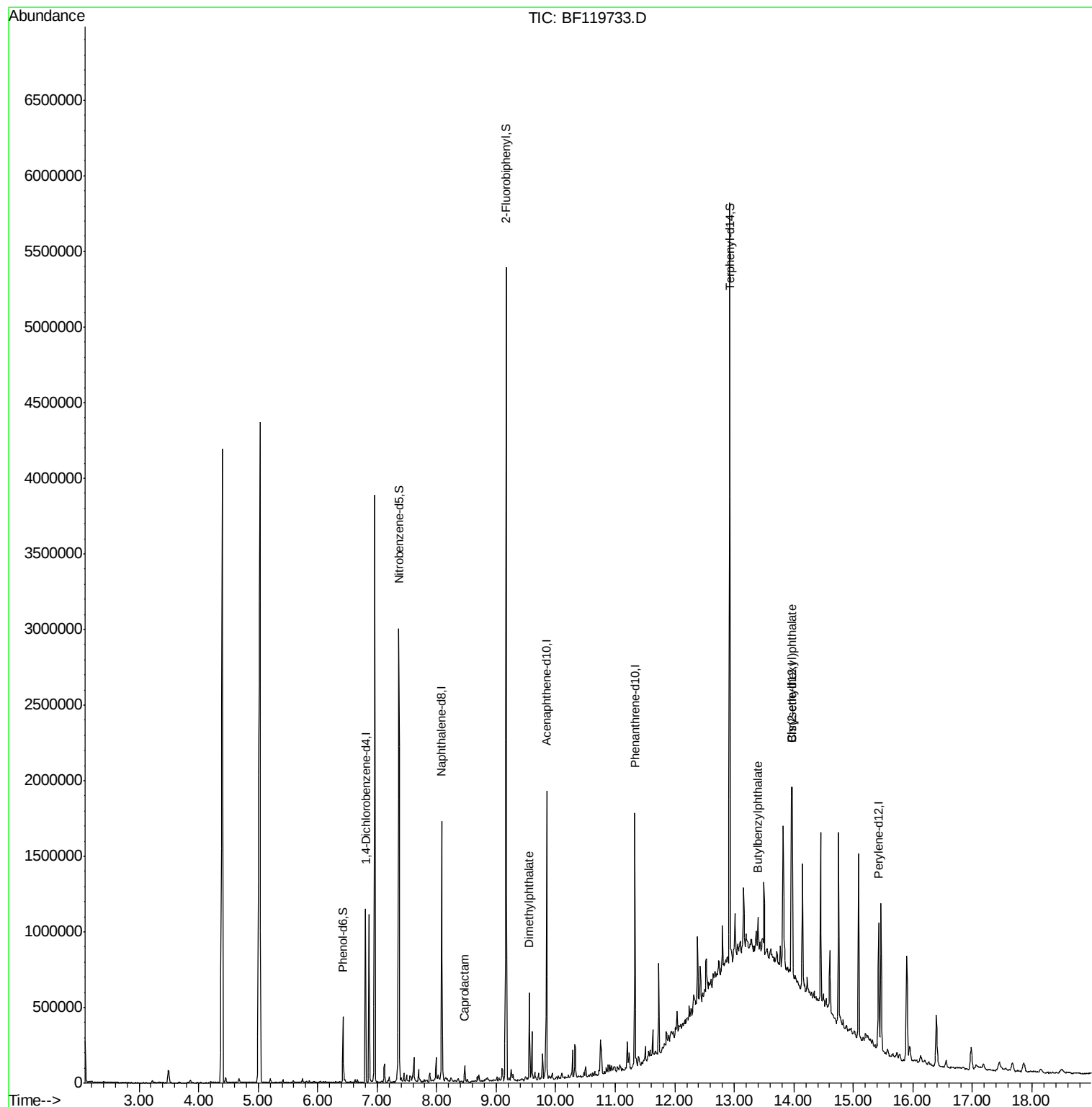
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181965	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	695808	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	353679	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	662058	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	403271	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						
35) Caprolactam	8.47	113	7988	2.385	ng	97
50) Dimethylphthalate	9.56	163	195015	7.763	ng	100
80) Butylbenzylphthalate	13.40	149	34885	2.606	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	304269	19.068	ng	100

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

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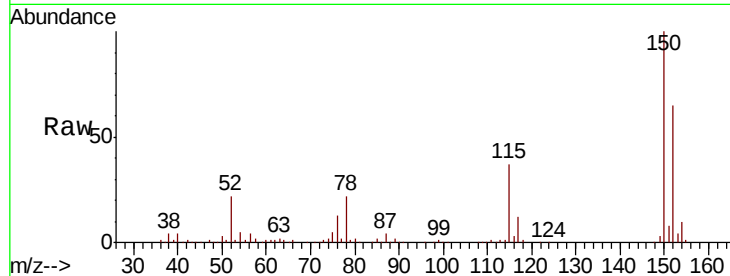


#1

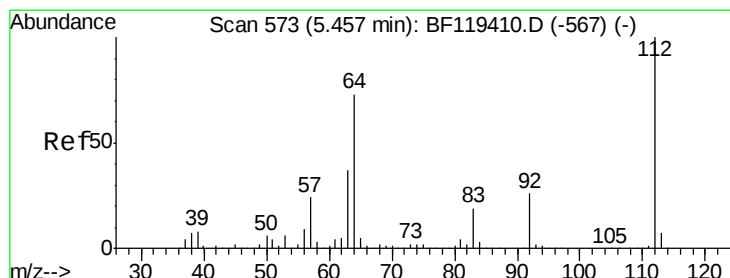
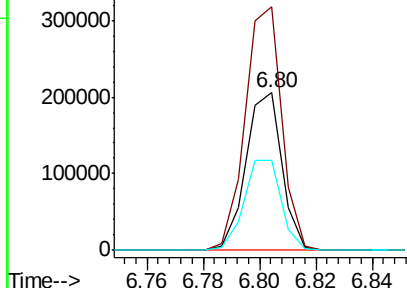
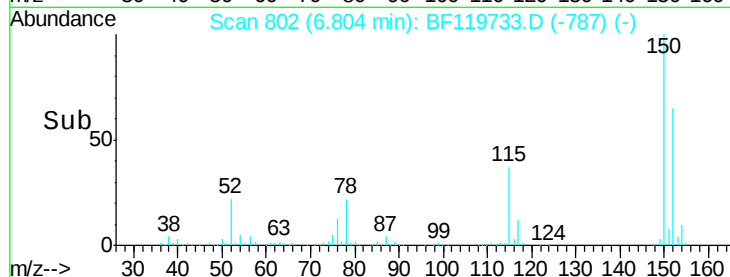
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

Instrument :
BNA_F
ClientSampleId :
SMALL-HOUSE-FLOORS

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



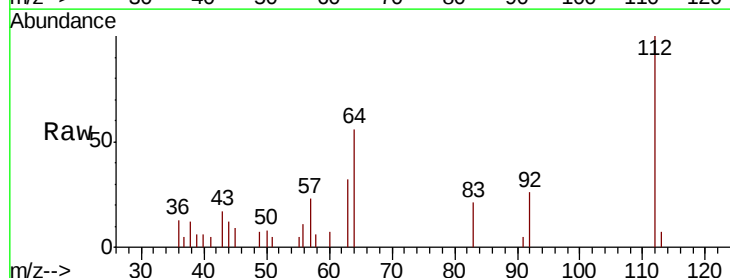
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



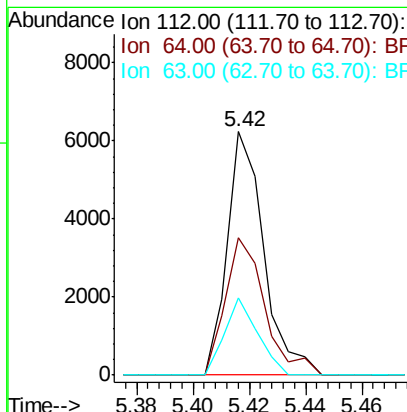
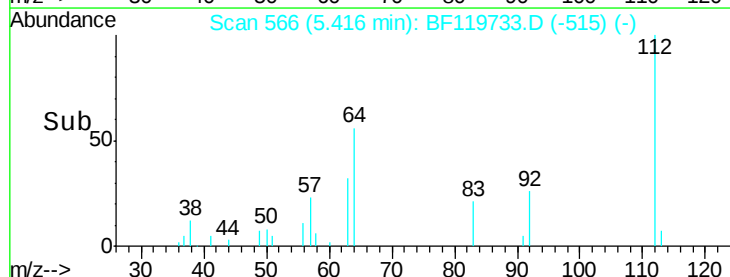
#5

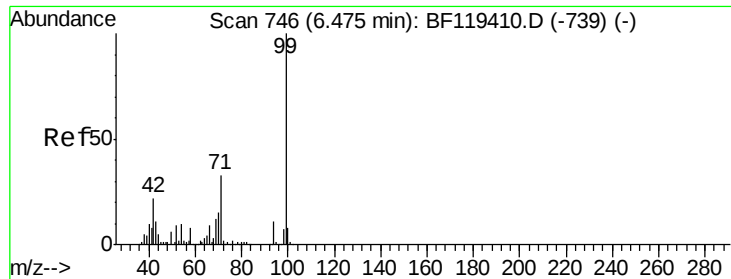
2-Fluorophenol
Concen: 0.491 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

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: 9.898 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

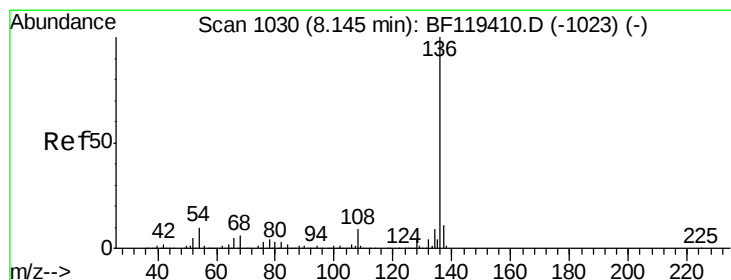
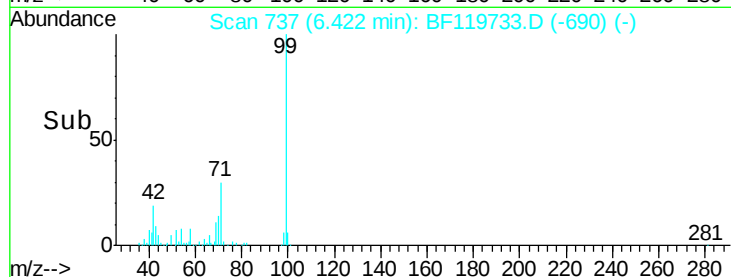
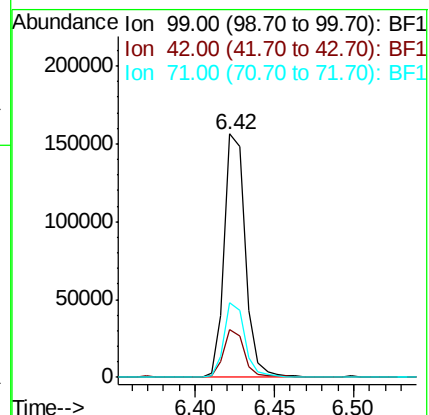
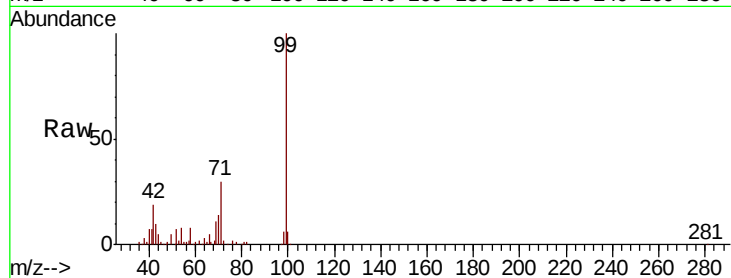
Tot Ion: 99 Resp: 144533

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 30.5 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

Tgt Ion: 136 Resp: 695808

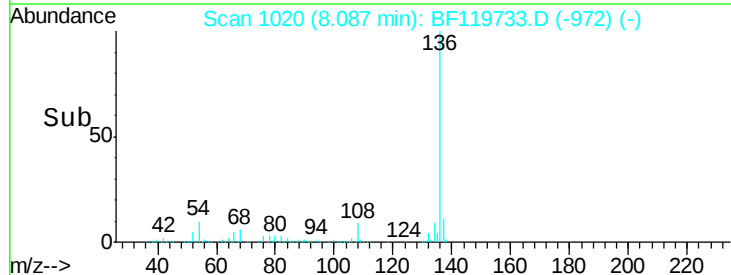
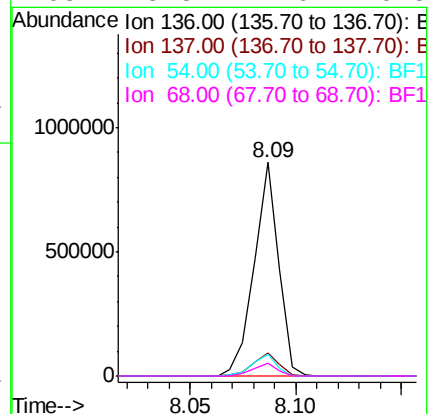
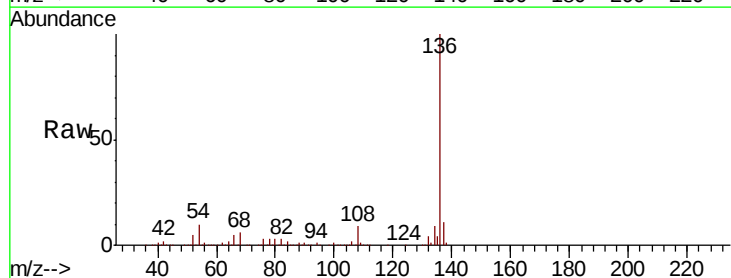
Ion Ratio Lower Upper

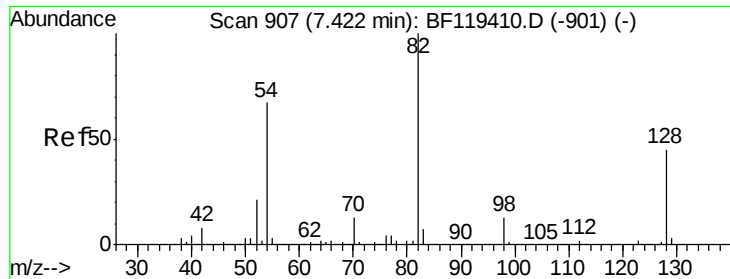
136 100

137 10.6 8.7 13.1

54 10.4 9.1 13.7

68 5.8 4.6 6.8

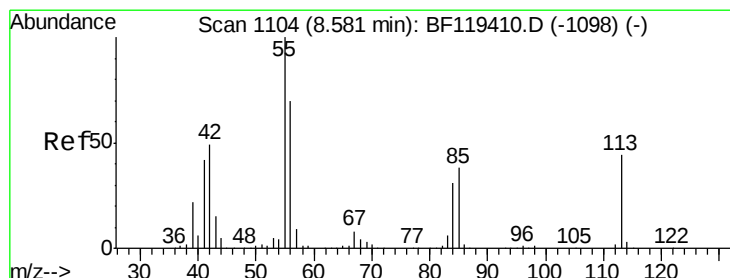
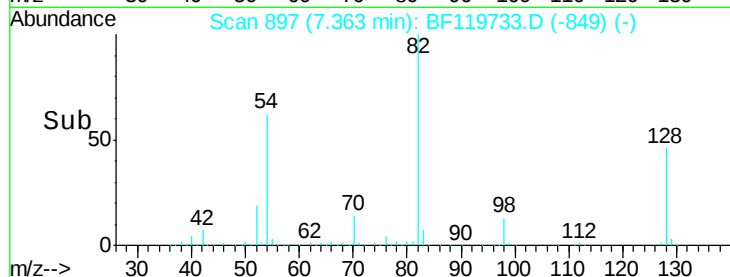
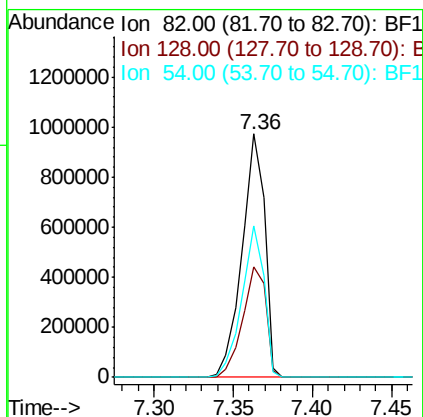
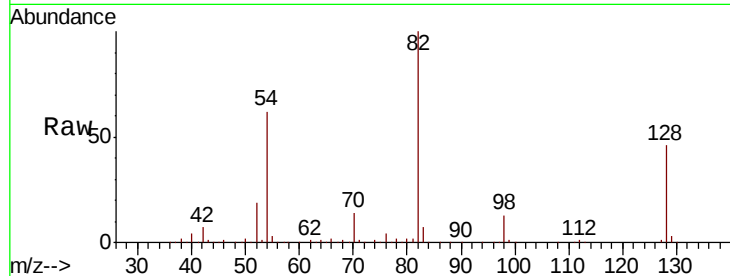




#23
Nitrobenzene-d5
Concen: 75.118 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

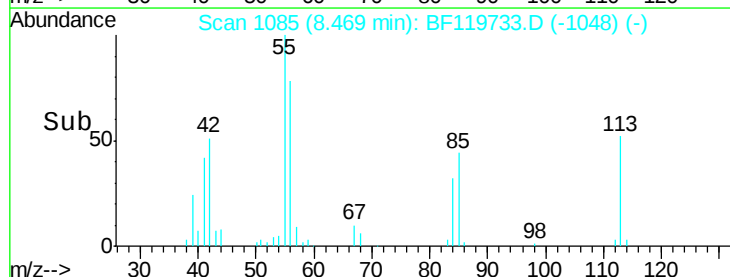
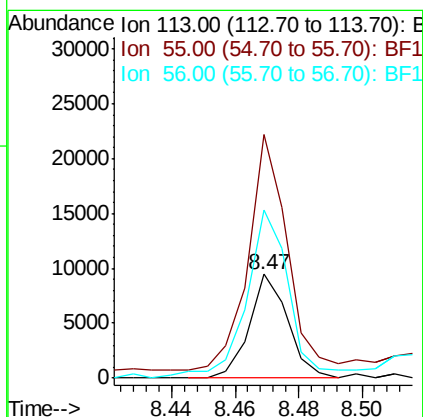
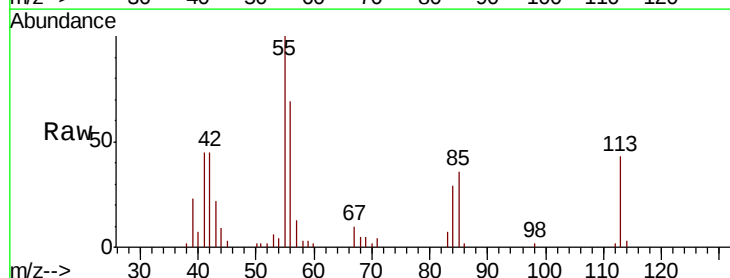
Instrument :
BNA_F
ClientSampleId :
SMALL-HOUSE-FLOORS

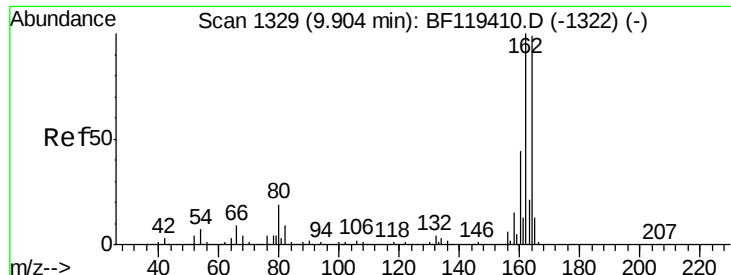
Tot Ion: 82 Resp: 961723
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 62.2 50.6 75.8



#35
Caprolactam
Concen: 2.385 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

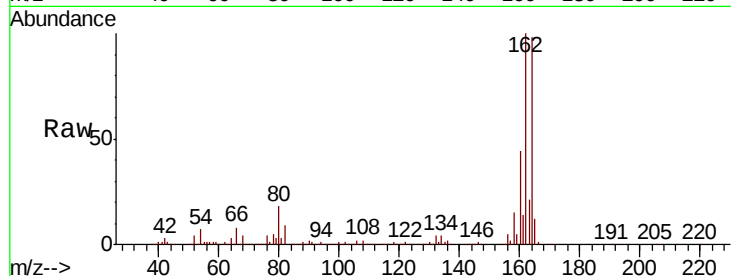




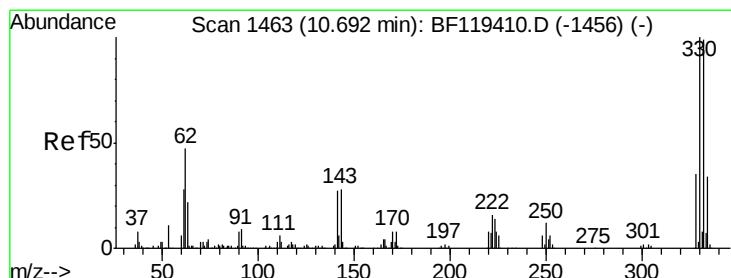
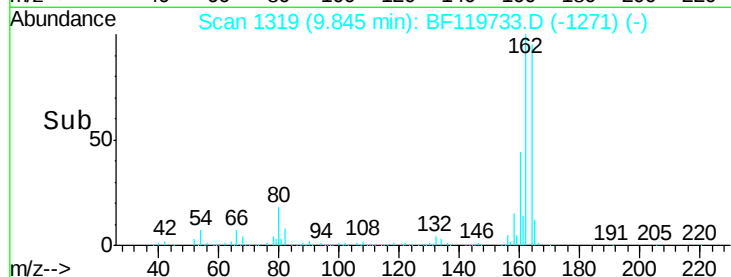
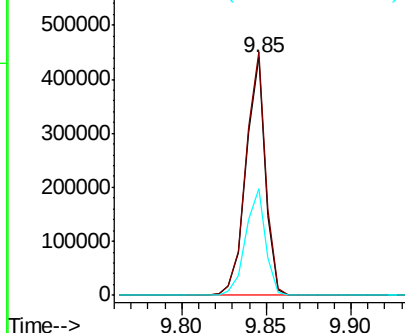
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119733.D
 Acq: 3 Apr 2020 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SMALL-HOUSE-FLOORS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	44.6	35.7	53.5

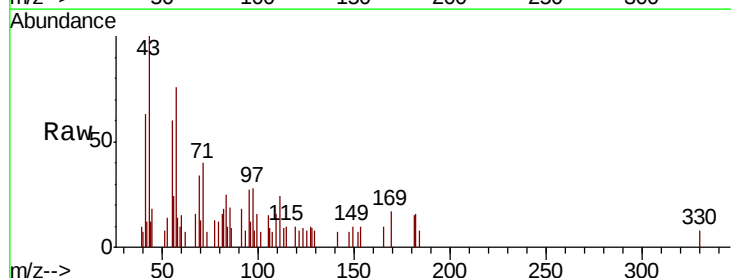


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

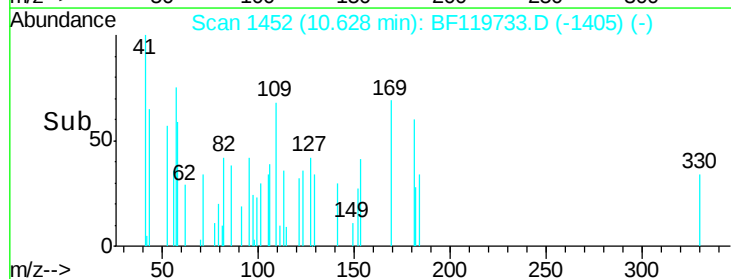
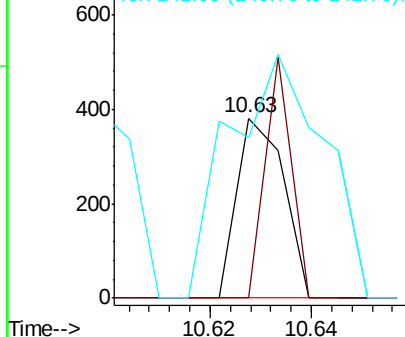


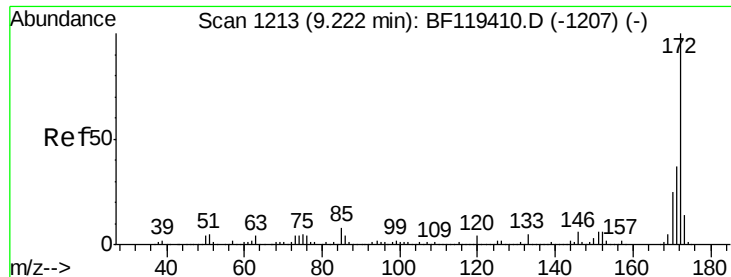
#42
 2,4,6-Tribromophenol
 Concen: 0.067 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF119733.D
 Acq: 3 Apr 2020 22:32

Tgt Ion	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

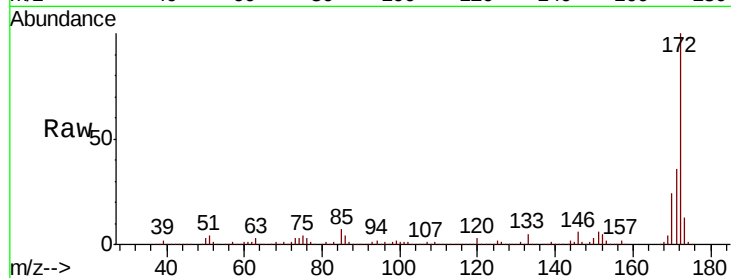




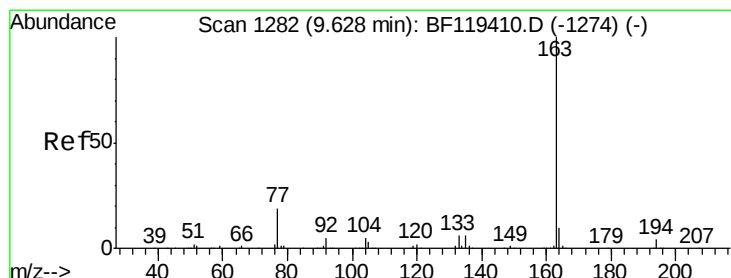
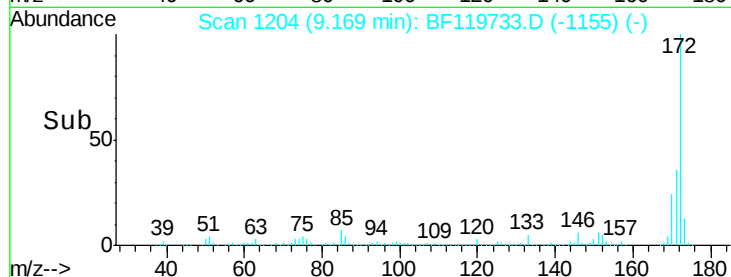
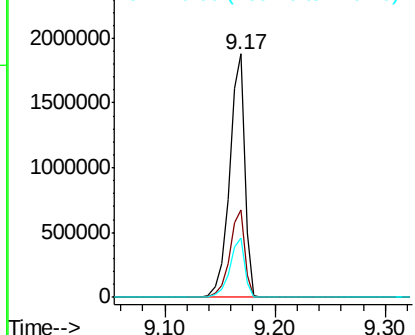
#45
2-Fluorobiphenyl
Concen: 76.077 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

Instrument :
BNA_F
ClientSampleId :
SMALL-HOUSE-FLOORS

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

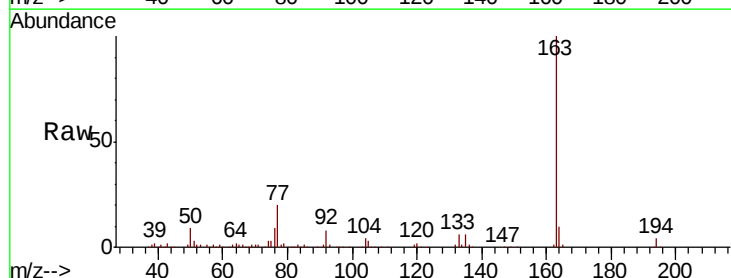


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

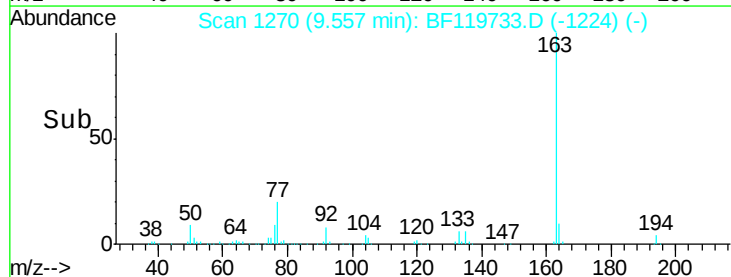
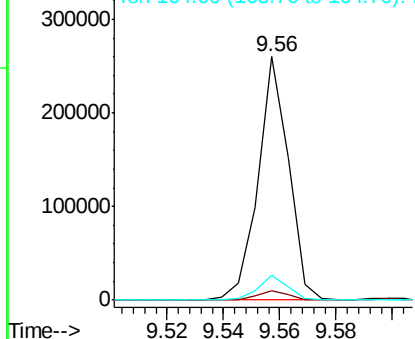


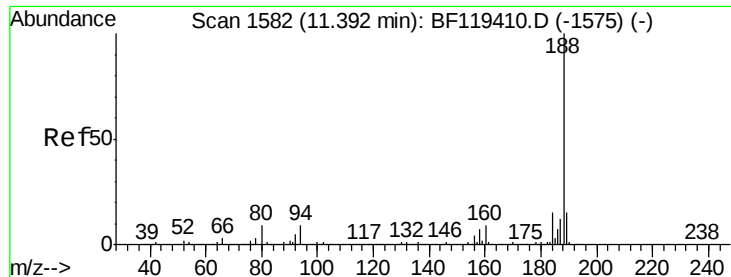
#50
Dimethylphthalate
Concen: 7.763 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

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

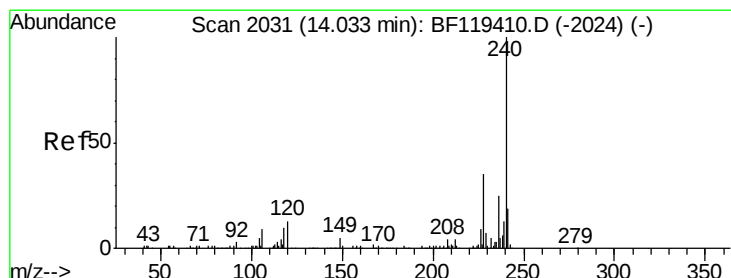
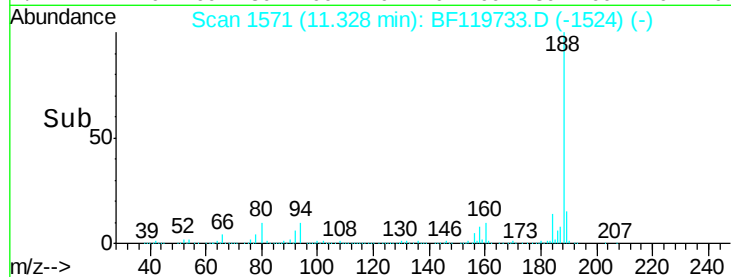
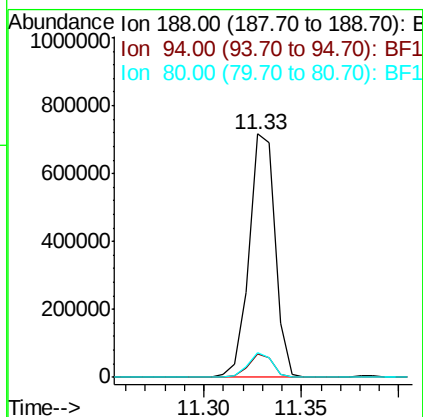
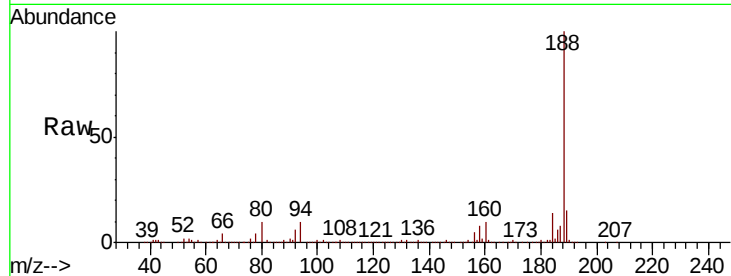




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119733.D
Acq: 3 Apr 2020 22:32

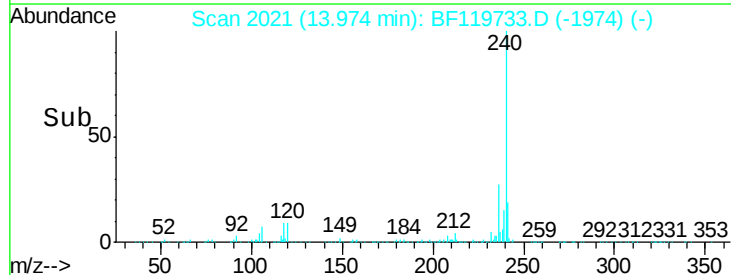
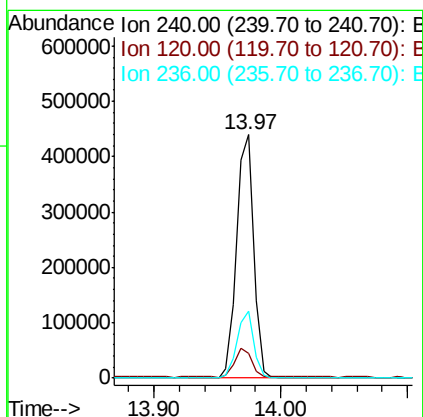
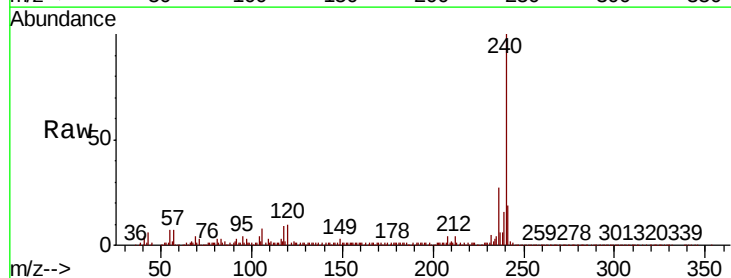
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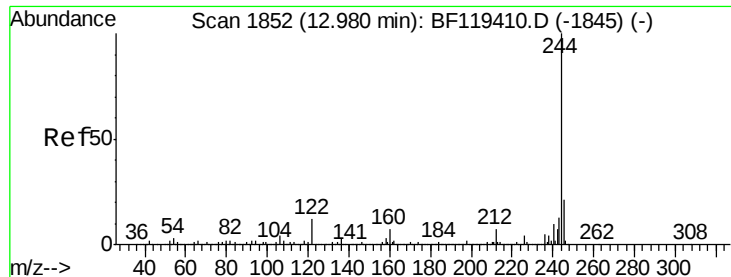
Tot Ion:188 Resp: 662058
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 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: 92.079 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

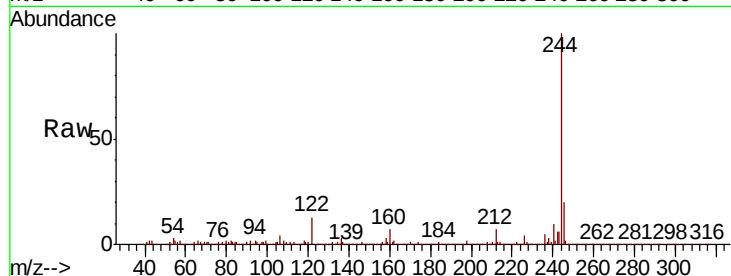
Tot Ion:244 Resp: 1895290

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

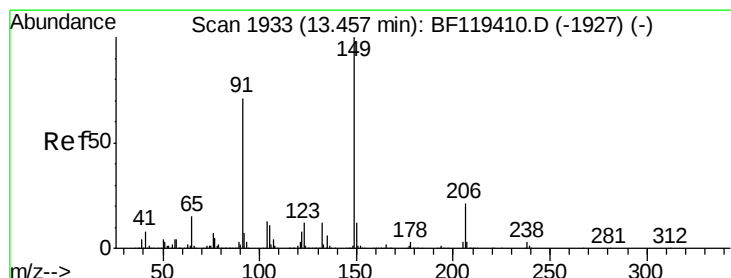
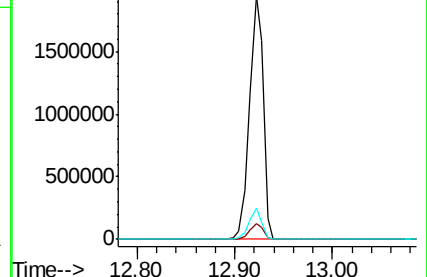
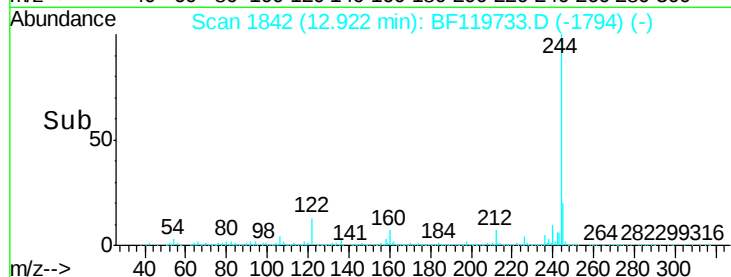
122 12.7 10.3 15.5



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: 2.606 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

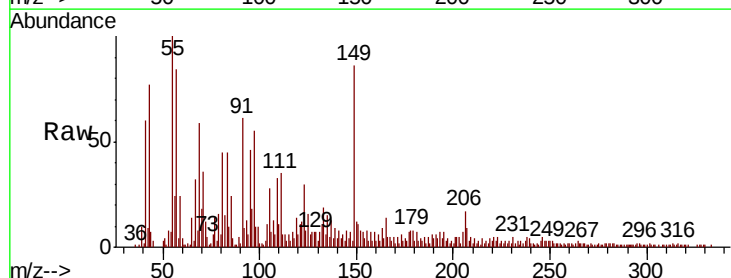
Tgt Ion:149 Resp: 34885

Ion Ratio Lower Upper

149 100

91 70.7 54.7 82.1

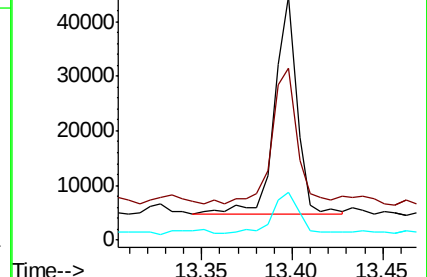
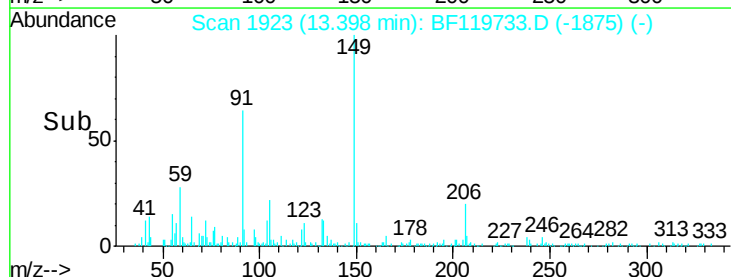
206 19.5 16.2 24.2

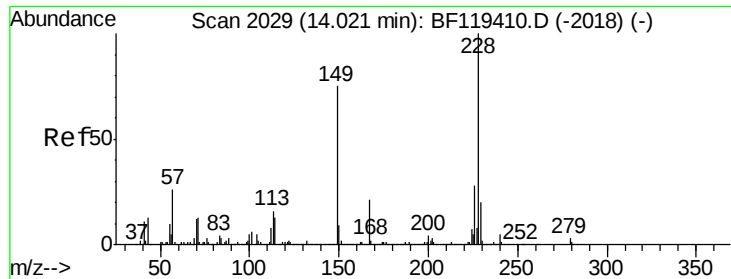


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.068 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

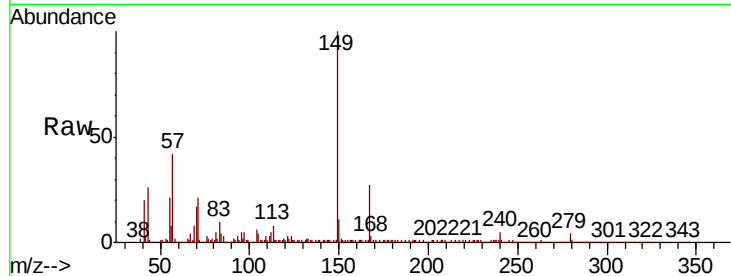
Tot Ion:149 Resp: 304269

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

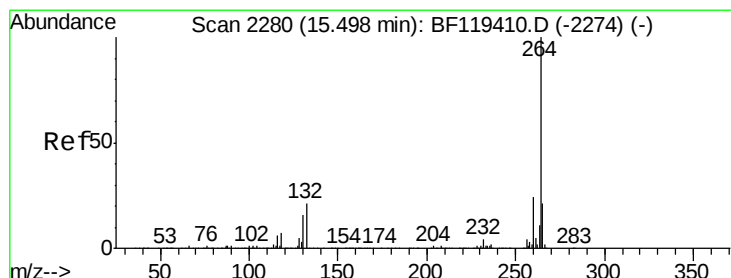
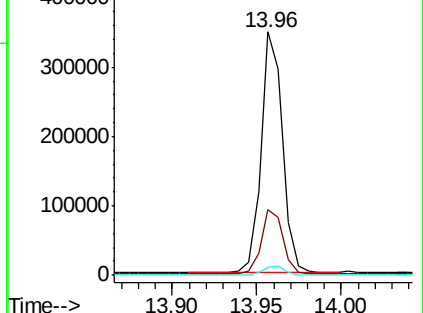
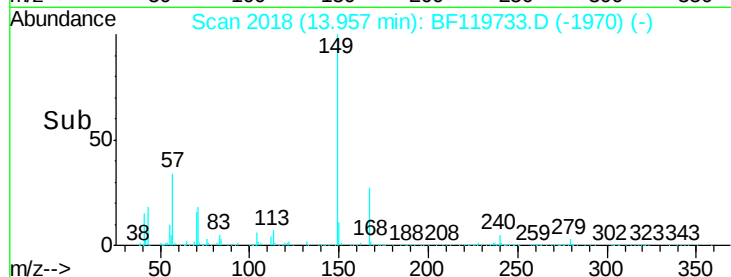
279 3.5 2.7 4.1



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: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF119733.D

Acq: 3 Apr 2020 22:32

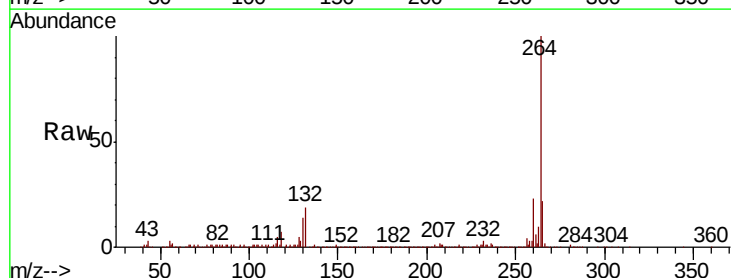
Tgt Ion:264 Resp: 399854

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

