

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124428.D
 Acq On : 22 Jun 2021 23:49
 Operator : JU/CG
 Sample : M2789-25
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2ND-FLOORS

Quant Time: Jun 23 02:52:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

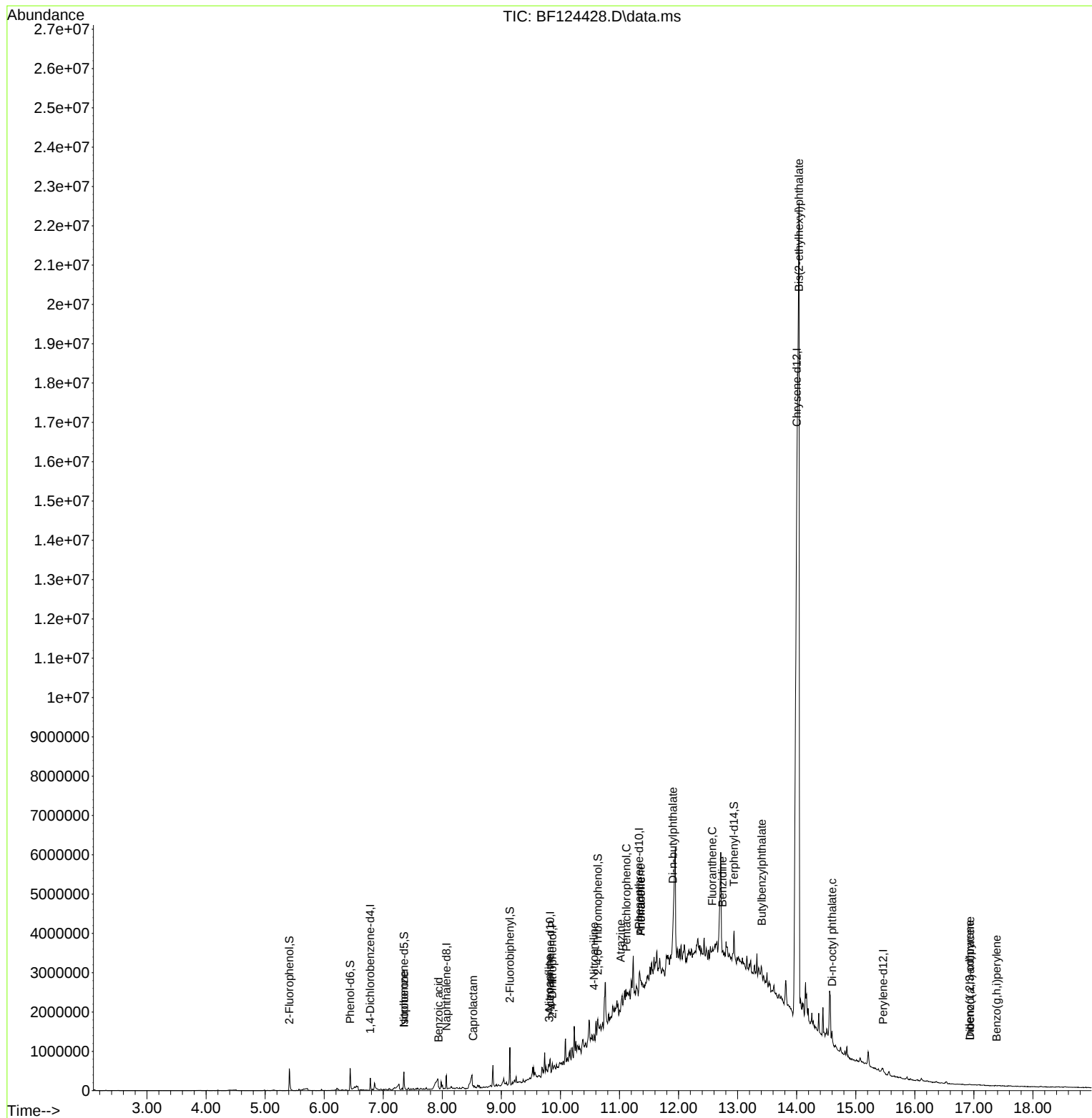
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	36152	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	124824	20.00	ng	# 0.00
39) Acenaphthene-d10	9.828	164	58513	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	95893	20.00	ng	# 0.02
76) Chrysene-d12	14.004	240	76318	20.00	ng	# 0.04
86) Perylene-d12	15.462	264	42963	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	141357	58.86	ng	0.00
7) Phenol-d6	6.440	99	166144	51.47	ng	0.00
23) Nitrobenzene-d5	7.351	82	127679	40.57	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	39505	47.65	ng	0.01
45) 2-Fluorobiphenyl	9.145	172	226831	48.78	ng	0.00
79) Terphenyl-d14	12.939	244	206953	37.23	ng	0.04
Target Compounds						Qvalue
25) Isophorone	7.351	82	127312	22.45	ng	# 69
32) Benzoic acid	7.939	122	5537	4.54	ng	93
35) Caprolactam	8.522	113	2805	4.44	ng	# 20
53) 3-Nitroaniline	9.810	138	3633	3.50	ng	# 7
54) 2,4-Dinitrophenol	9.863	184	249	3.93	ng	# 1
62) 4-Nitroaniline	10.569	138	2431	2.33	ng	87
69) Atrazine	11.022	200	2391	2.32	ng	# 1
70) Pentachlorophenol	11.116	266	1411	6.36	ng	# 26
71) Phenanthrene	11.357	178	81591	13.62	ng	# 90
72) Anthracene	11.357	178	81591	13.52	ng	# 90
74) Di-n-butylphthalate	11.904	149	13598	2.01	ng	# 46
75) Fluoranthene	12.569	202	18576	2.95	ng	# 37
77) Benzidine	12.745	184	4174	6.21	ng	# 1
80) Butylbenzylphthalate	13.410	149	8998	3.03	ng	# 33
84) Bis(2-ethylhexyl)phtha...	14.039	149	20446268	5781.73	ng	# 92
85) Di-n-octyl phthalate	14.598	149	88467	18.74	ng	# 63
87) Indeno(1,2,3-cd)pyrene	16.927	276	165	4.38	ng	# 1
91) Dibenzo(a,h)anthracene	16.939	278	121	4.21	ng	# 1
92) Benzo(g,h,i)perylene	17.386	276	619	4.00	ng	# 44

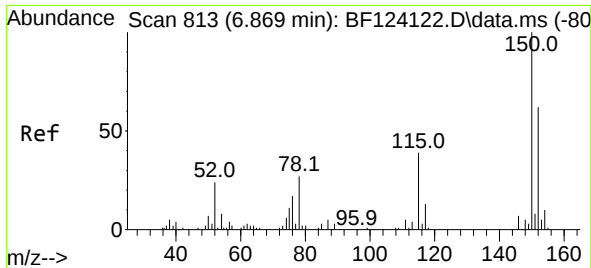
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
Data File : BF124428.D
Acq On : 22 Jun 2021 23:49
Operator : JU/CG
Sample : M2789-25
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

Quant Time: Jun 23 02:52:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

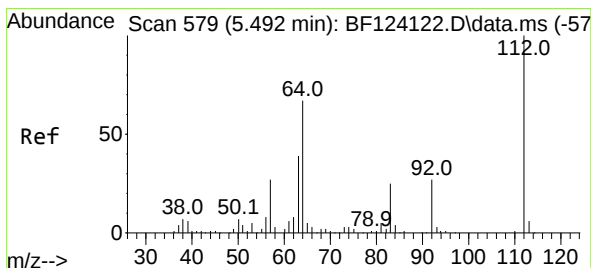
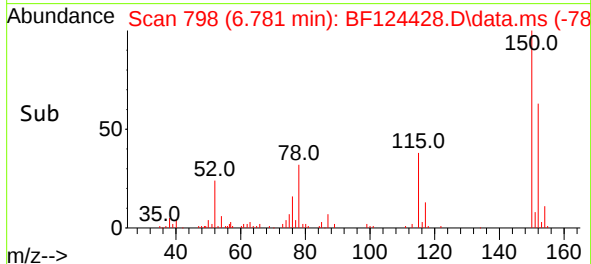
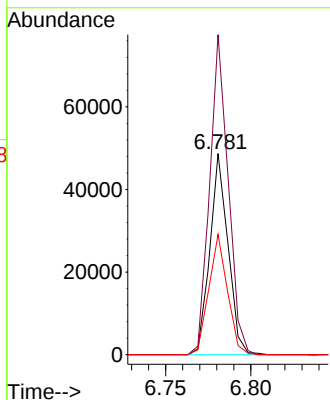
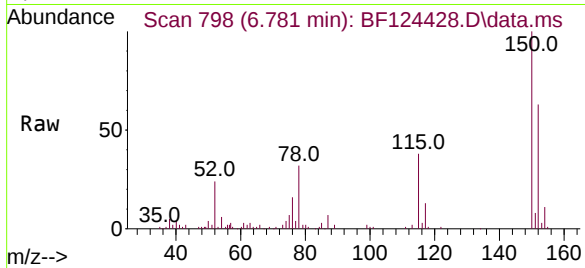




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

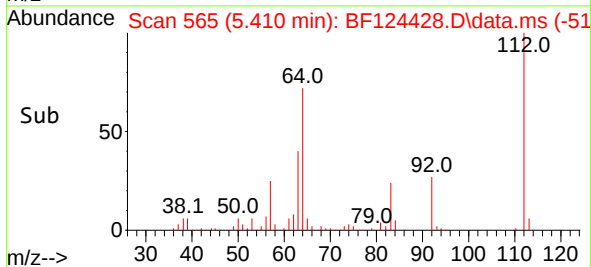
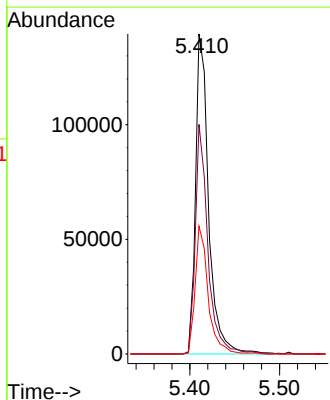
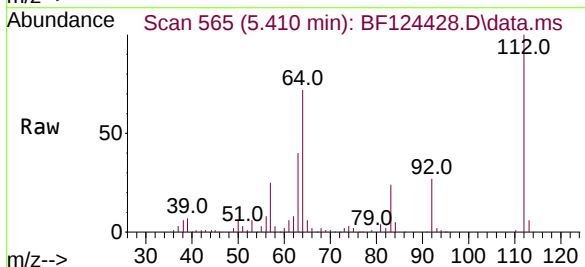
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

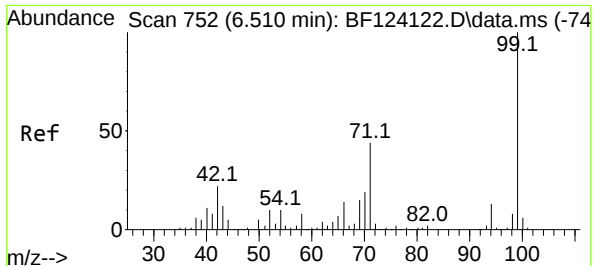
Tgt Ion:152 Resp: 36152
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.6
115 59.8 54.3 81.5



#5
2-Fluorophenol
Concen: 58.86 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:112 Resp: 141357
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 39.9 33.0 49.4

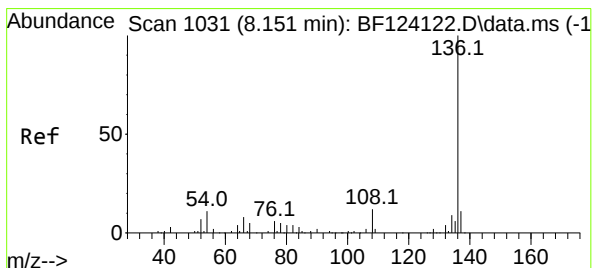
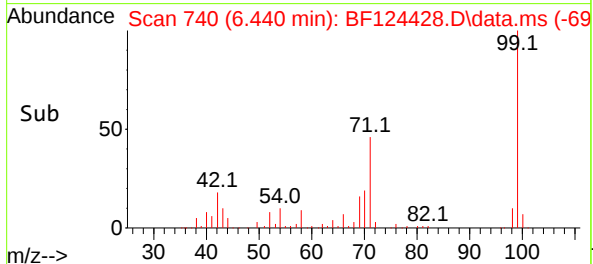
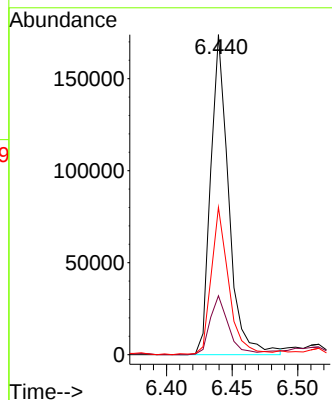
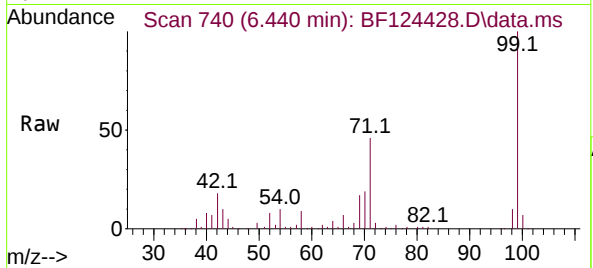




#7
Phenol-d6
Concen: 51.47 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

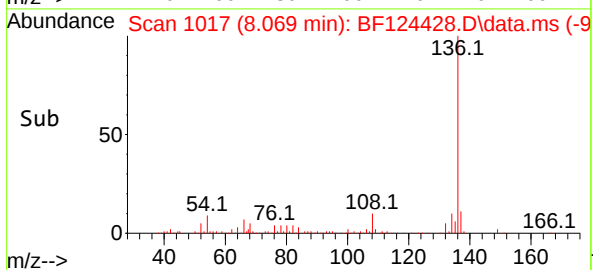
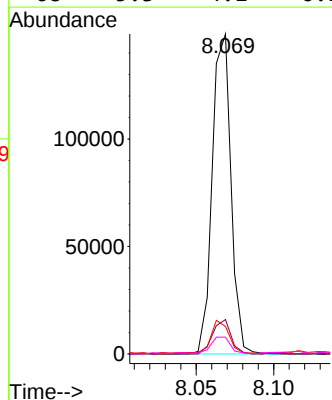
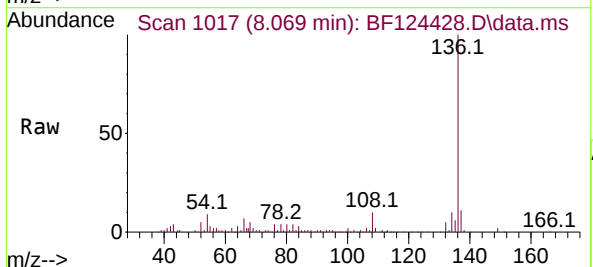
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

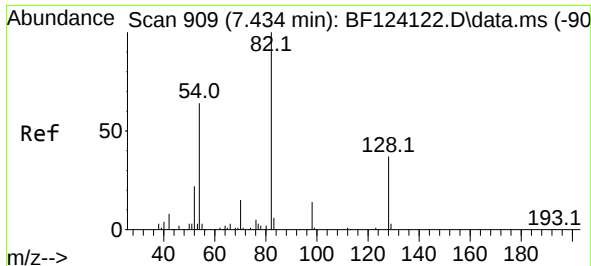
Tgt Ion: 99 Resp: 166144
Ion Ratio Lower Upper
99 100
42 18.4 19.8 29.8#
71 46.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:136 Resp: 124824
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.6 9.8 14.6#
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 40.57 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF124428.D

Acq: 22 Jun 2021 23:49

Instrument :

BNA_F

ClientSampleId :

2ND-FLOORS

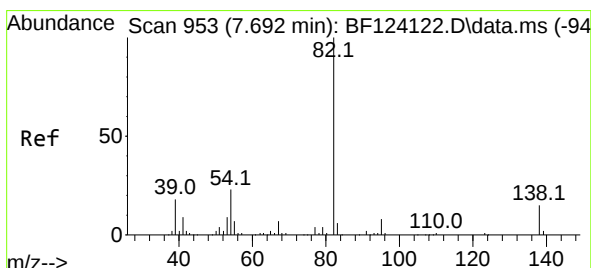
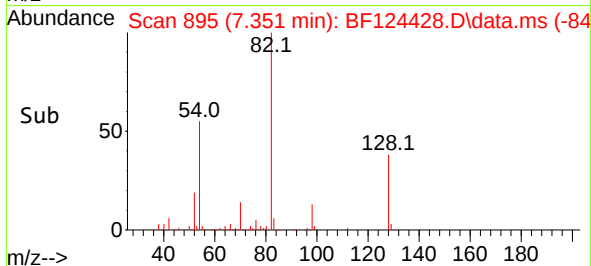
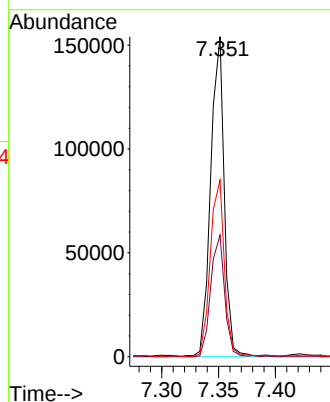
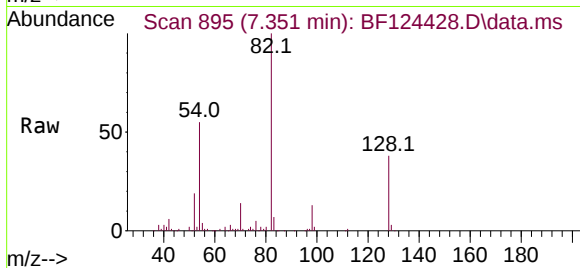
Tgt Ion: 82 Resp: 127679

Ion Ratio Lower Upper

82 100

128 38.0 29.4 44.2

54 55.2 54.1 81.1



#25

Isophorone

Concen: 22.45 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.265 min

Lab File: BF124428.D

Acq: 22 Jun 2021 23:49

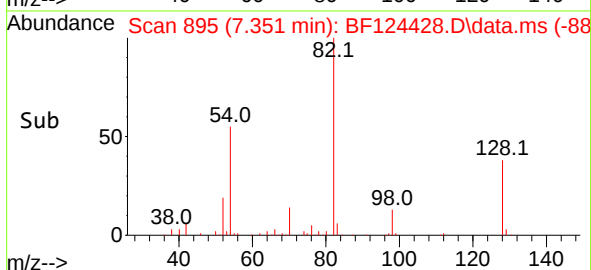
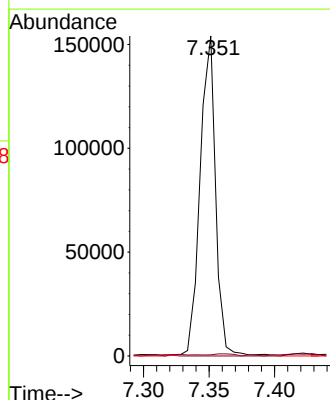
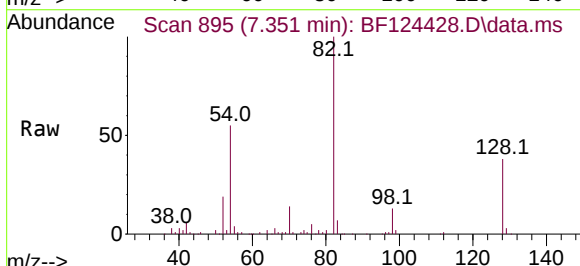
Tgt Ion: 82 Resp: 127312

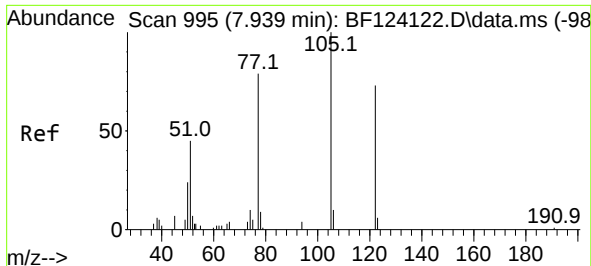
Ion Ratio Lower Upper

82 100

95 0.3 5.8 8.6#

138 0.0 11.8 17.8#





#32

Benzoic acid

Concen: 4.54 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.059 min

Lab File: BF124428.D

Acq: 22 Jun 2021 23:49

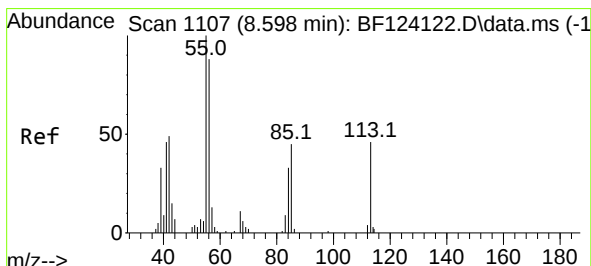
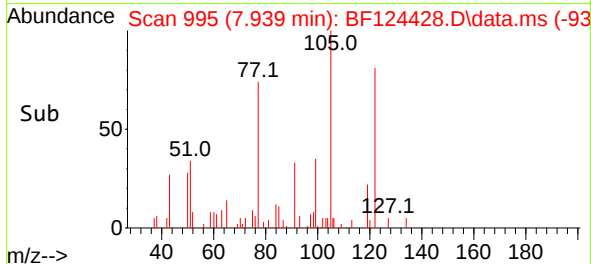
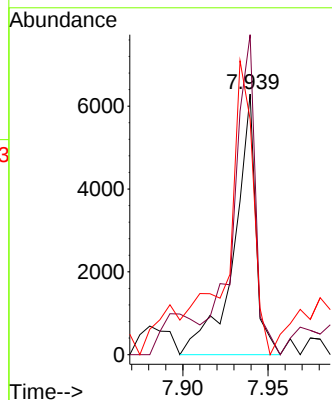
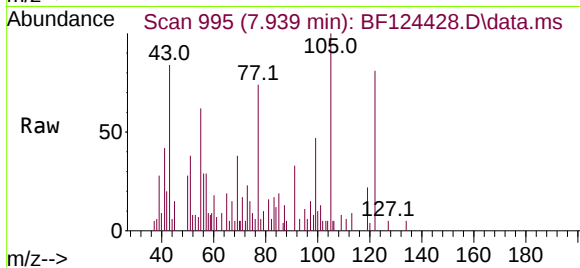
Instrument :

BNA_F

ClientSampleId :

2ND-FLOORS

Tgt Ion:	122	Resp:	5537
Ion	Ratio	Lower	Upper
122	100		
105	122.8	107.8	147.8
77	90.3	81.6	121.6



#35

Caprolactam

Concen: 4.44 ng

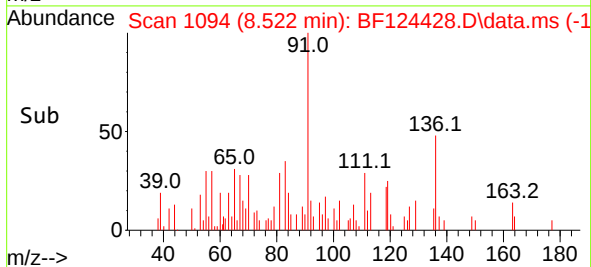
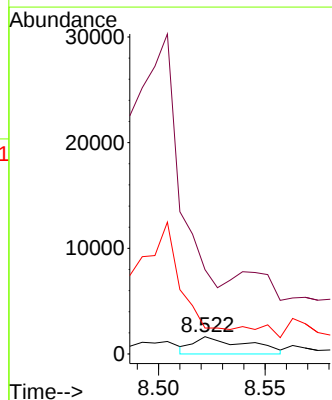
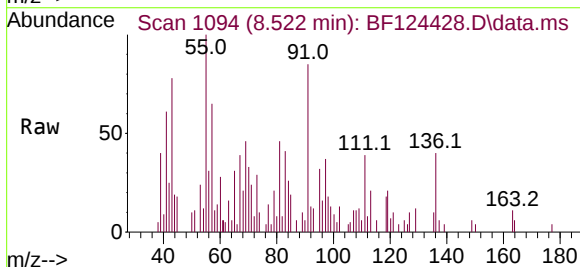
RT: 8.522 min Scan# 1094

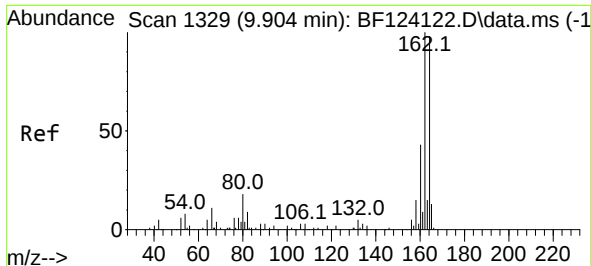
Delta R.T. -0.018 min

Lab File: BF124428.D

Acq: 22 Jun 2021 23:49

Tgt Ion:	113	Resp:	2805
Ion	Ratio	Lower	Upper
113	100		
55	485.9	254.9	294.9#
56	149.3	179.4	219.4#

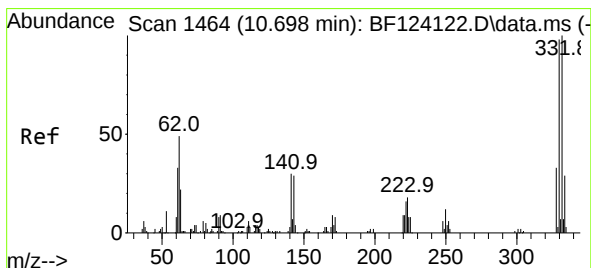
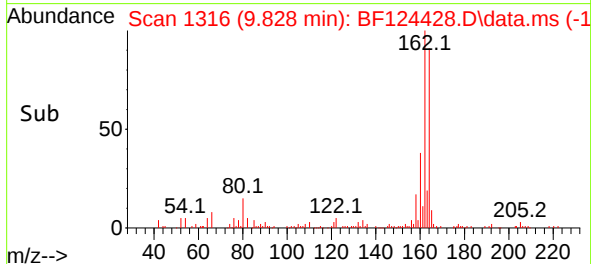
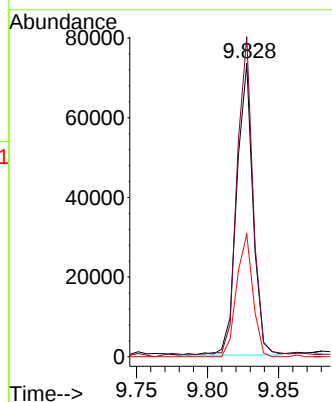
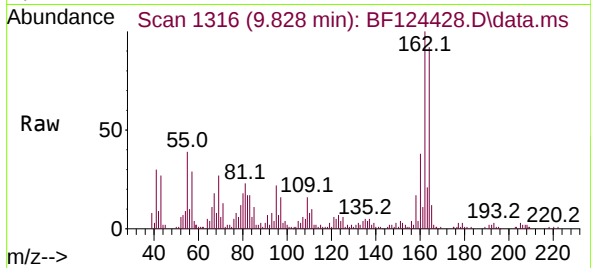




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

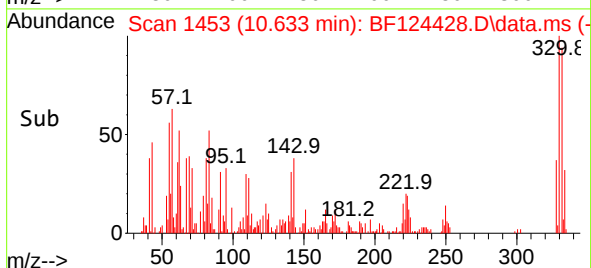
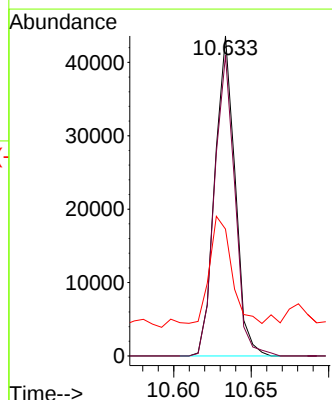
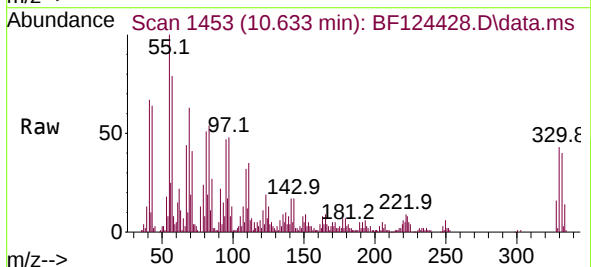
Instrument :
BNA_F
ClientSampled :
2ND-FLOORS

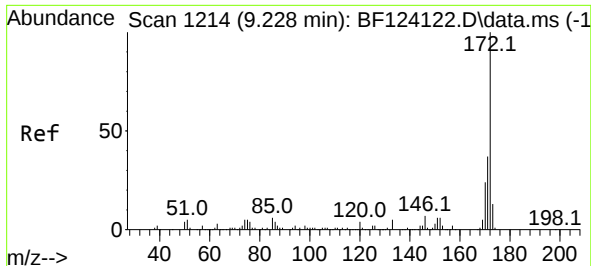
Tgt Ion:164 Resp: 58513
Ion Ratio Lower Upper
164 100
162 109.1 80.7 121.1
160 41.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 47.65 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:330 Resp: 39505
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 41.5 27.9 41.9

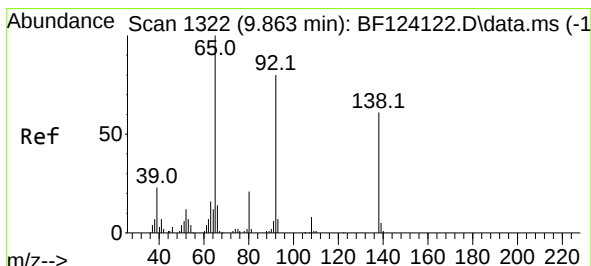
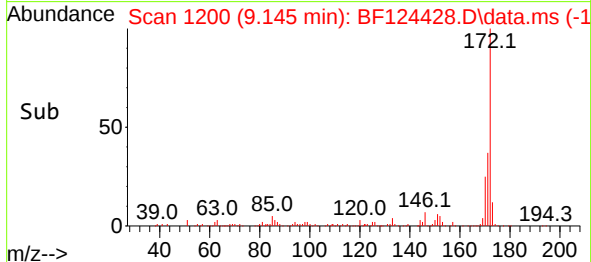
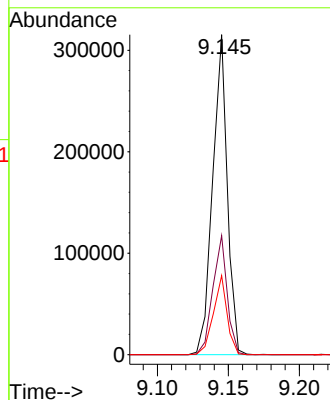
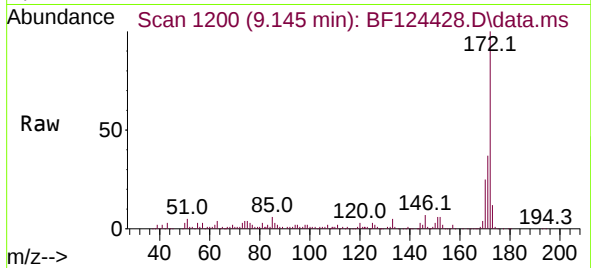




#45
2-Fluorobiphenyl
Concen: 48.78 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

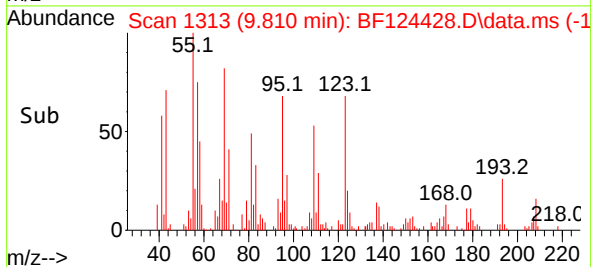
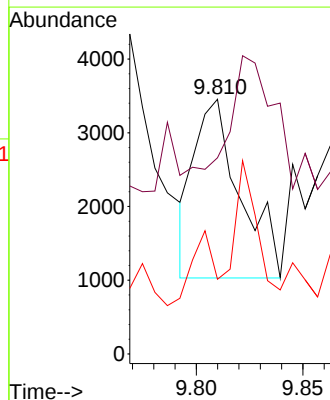
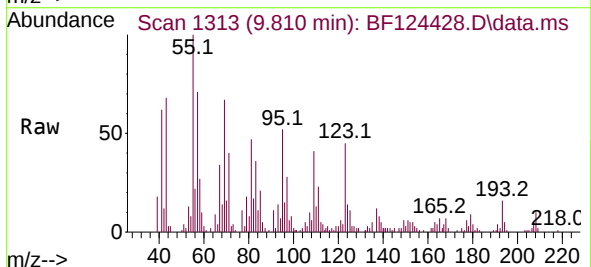
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

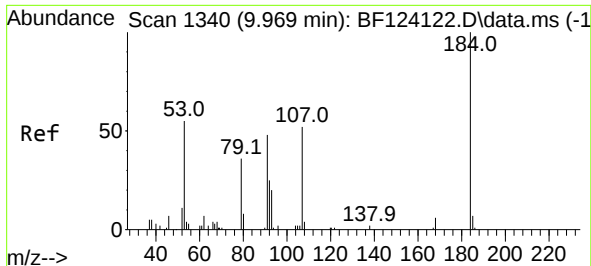
Tgt Ion:172 Resp: 226831
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 24.7 19.2 28.8



#53
3-Nitroaniline
Concen: 3.50 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.012 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:138 Resp: 3633
Ion Ratio Lower Upper
138 100
108 77.0 10.2 15.4#
92 29.3 103.3 154.9#

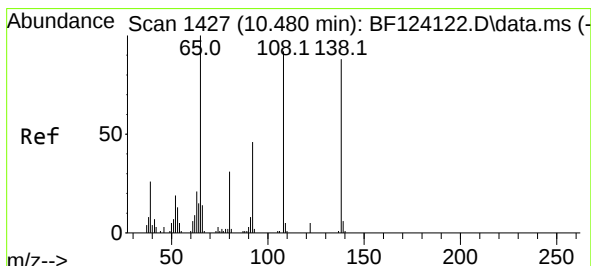
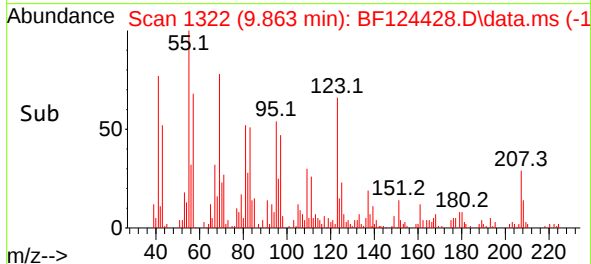
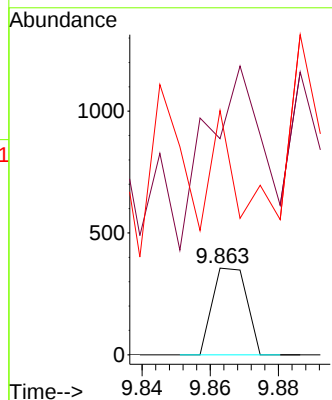
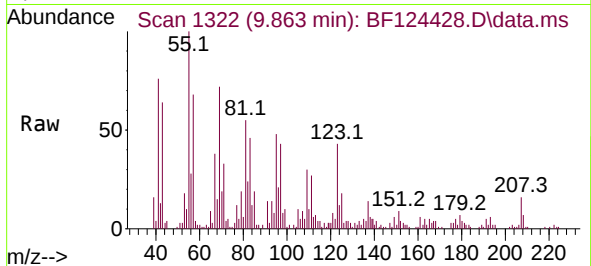




#54
2,4-Dinitrophenol
Concen: 3.93 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.047 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

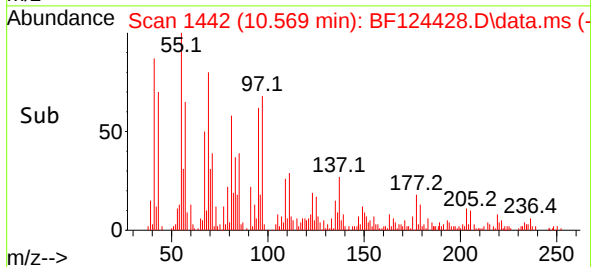
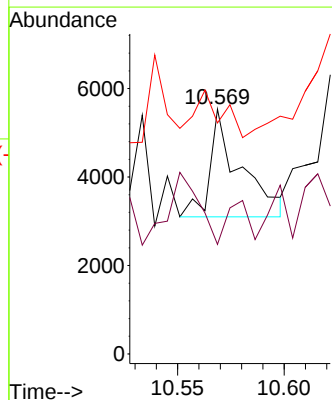
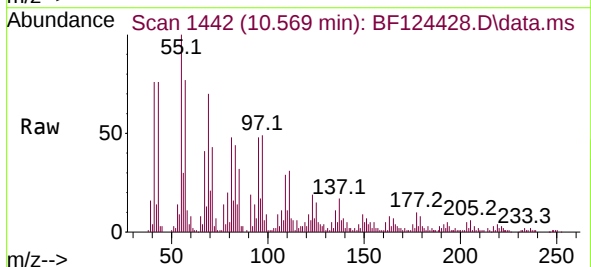
Instrument :
BNA_F
ClientSampled :
2ND-FLOORS

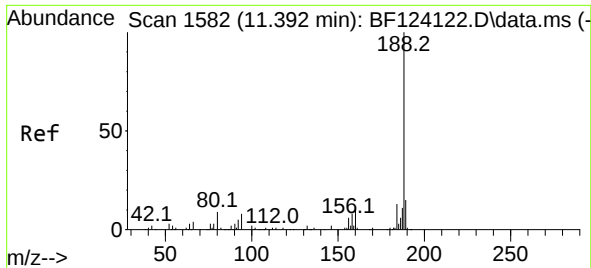
Tgt Ion:184 Resp: 249
Ion Ratio Lower Upper
184 100
63 249.2 73.5 110.3#
154 281.7 52.5 78.7#



#62
4-Nitroaniline
Concen: 2.33 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.153 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:138 Resp: 2431
Ion Ratio Lower Upper
138 100
92 44.8 35.8 75.8
108 94.4 63.6 103.6

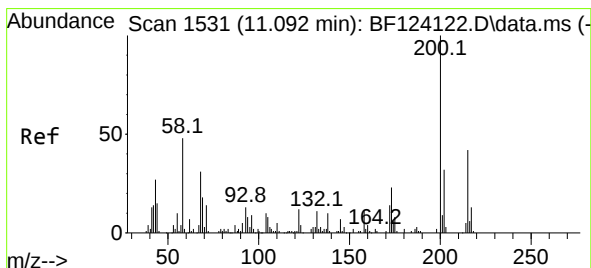
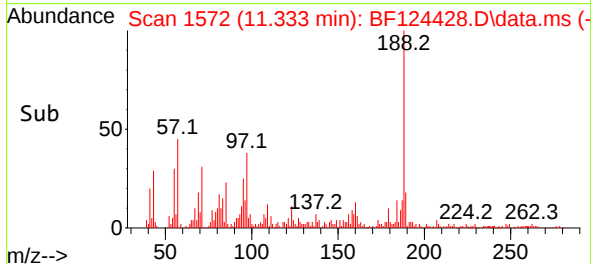
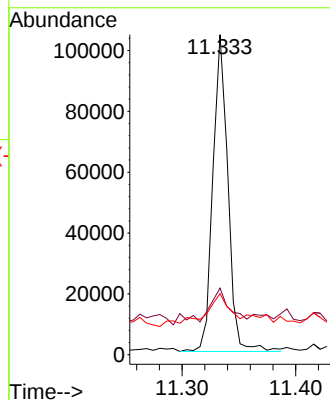
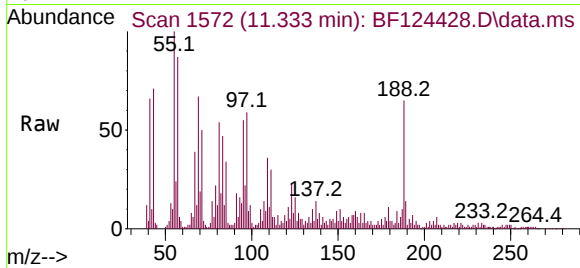




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.018 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

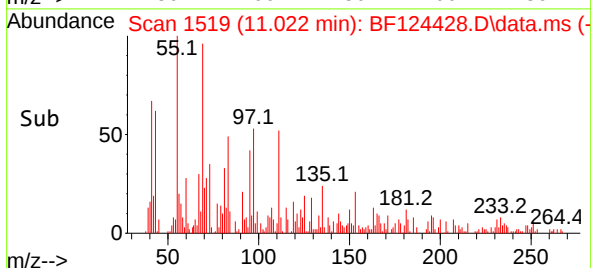
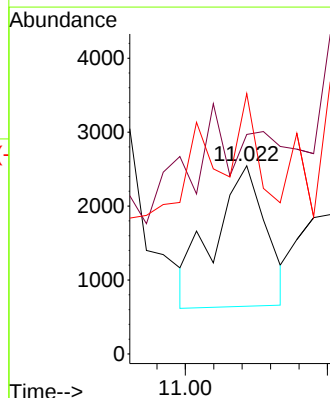
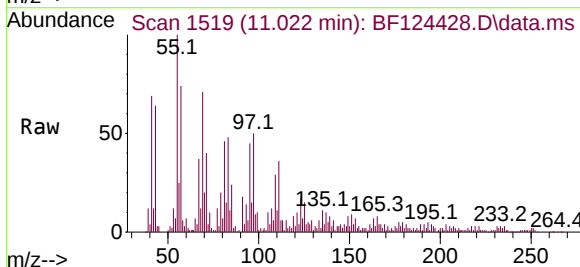
Instrument :
BNA_F
ClientSampled :
2ND-FLOORS

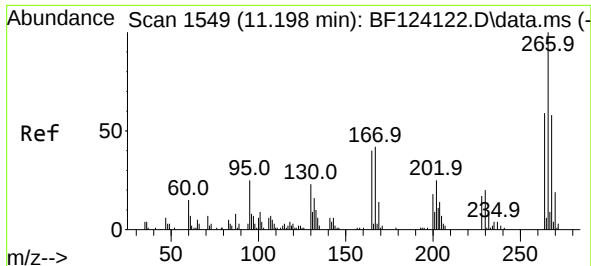
Tgt Ion:188 Resp: 95893
Ion Ratio Lower Upper
188 100
94 20.8 6.9 10.3#
80 19.1 8.2 12.2#



#69
Atrazine
Concen: 2.32 ng
RT: 11.022 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:200 Resp: 2391
Ion Ratio Lower Upper
200 100
173 116.7 6.9 46.9#
215 138.3 26.5 66.5#

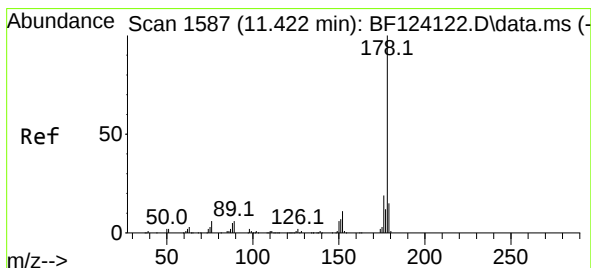
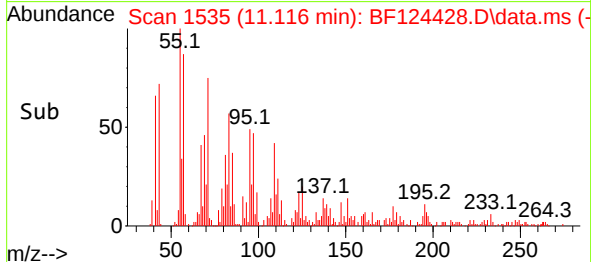
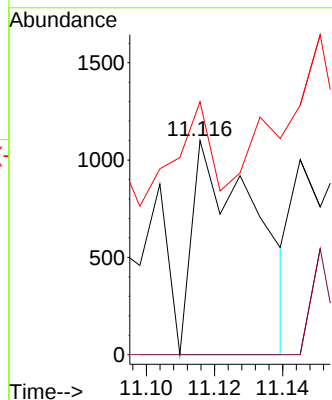
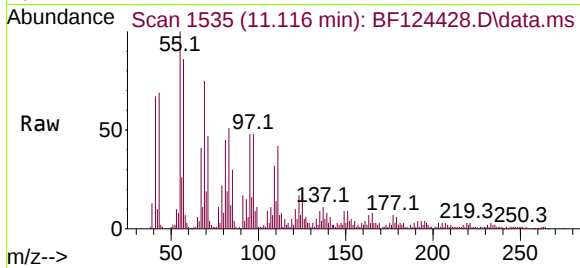




#70
 Pentachlorophenol
 Concen: 6.36 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. -0.012 min
 Lab File: BF124428.D
 Acq: 22 Jun 2021 23:49

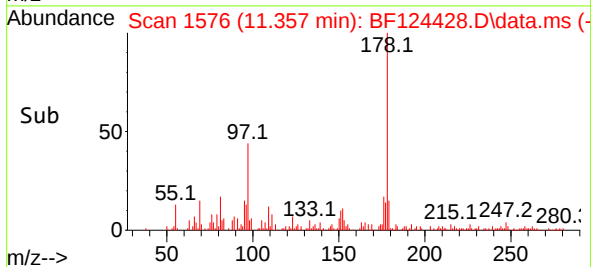
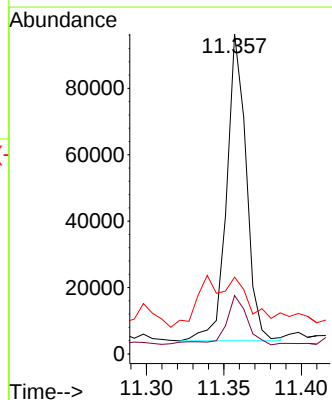
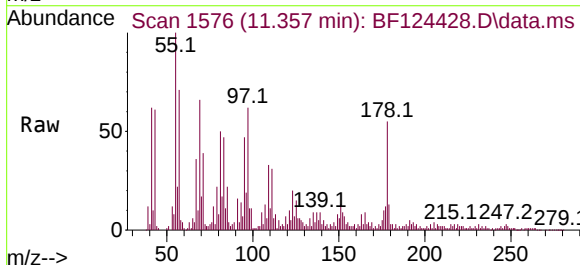
Instrument :
 BNA_F
 ClientSampleId :
 2ND-FLOORS

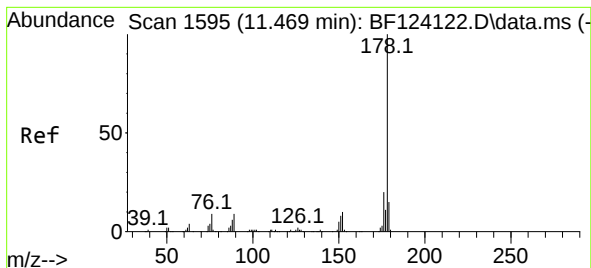
Tgt Ion:266 Resp: 1411
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.6 77.4#
 264 118.2 52.6 78.8#



#71
 Phenanthrene
 Concen: 13.62 ng
 RT: 11.357 min Scan# 1576
 Delta R.T. 0.012 min
 Lab File: BF124428.D
 Acq: 22 Jun 2021 23:49

Tgt Ion:178 Resp: 81591
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.6 23.4
 179 24.0 12.5 18.7#





#72

Anthracene

Concen: 13.52 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.041 min

Lab File: BF124428.D

Acq: 22 Jun 2021 23:49

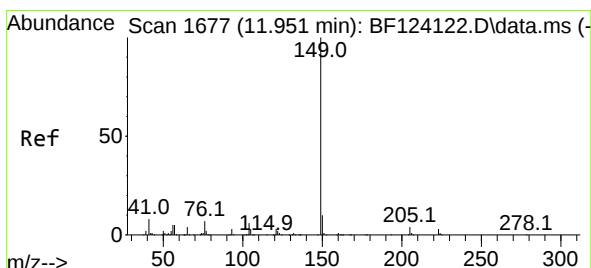
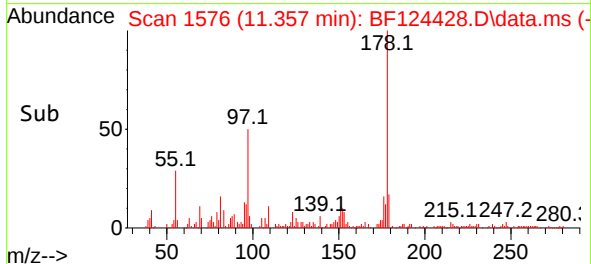
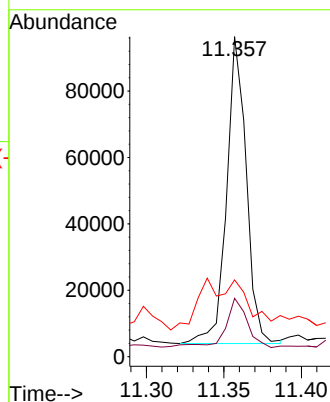
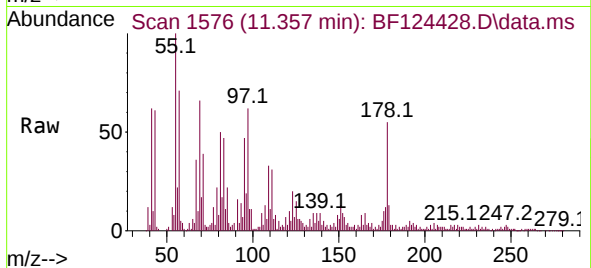
Tgt Ion:178	Resp:	81591
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.0
179	24.0	12.6 18.8#

Instrument :

BNA_F

ClientSampleId :

2ND-FLOORS



#74

Di-n-butylphthalate

Concen: 2.01 ng

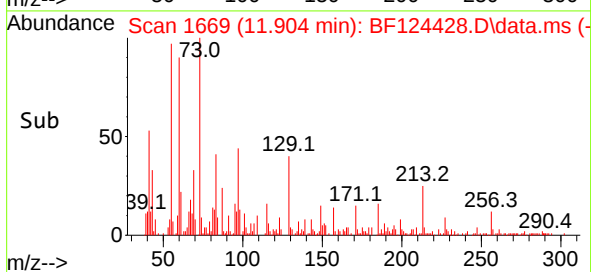
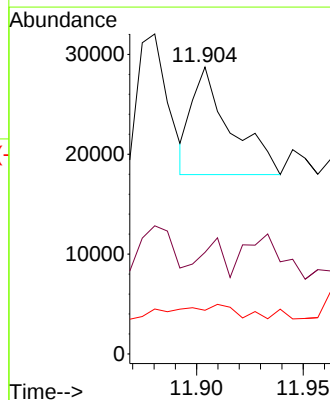
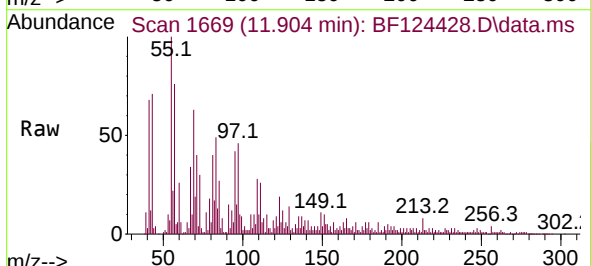
RT: 11.904 min Scan# 1669

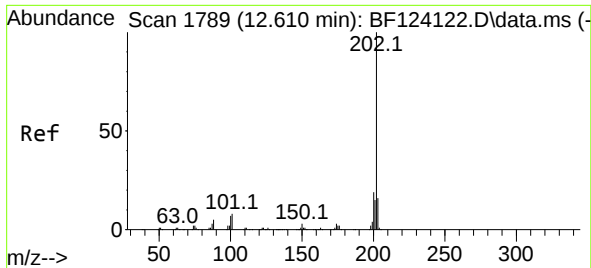
Delta R.T. 0.024 min

Lab File: BF124428.D

Acq: 22 Jun 2021 23:49

Tgt Ion:149	Resp:	13598
Ion Ratio	Lower	Upper
149	100	
150	35.4	7.8 11.8#
104	15.2	4.6 6.8#

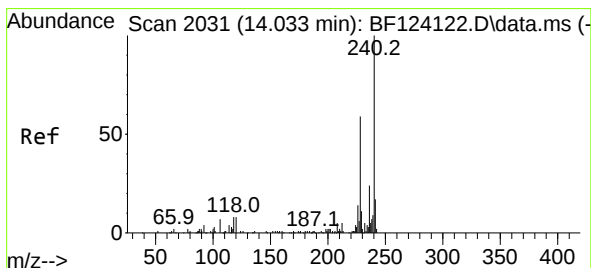
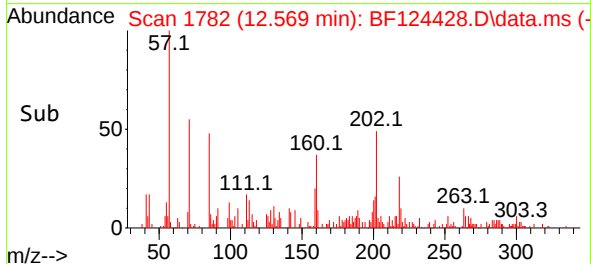
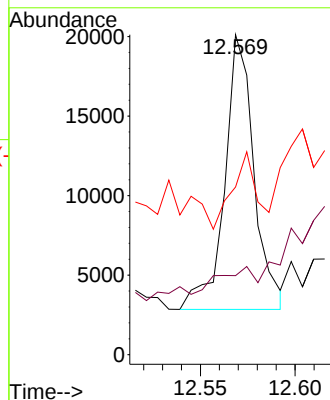
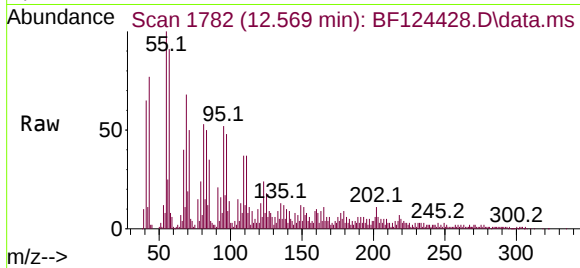




#75
Fluoranthene
Concen: 2.95 ng
RT: 12.569 min Scan# 1782
Delta R.T. 0.035 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

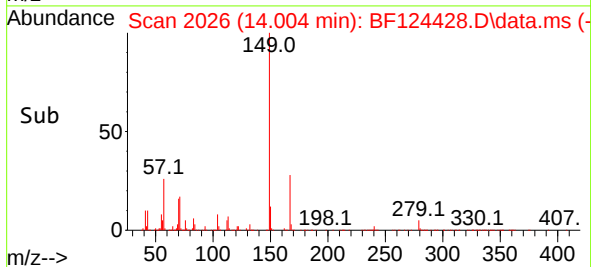
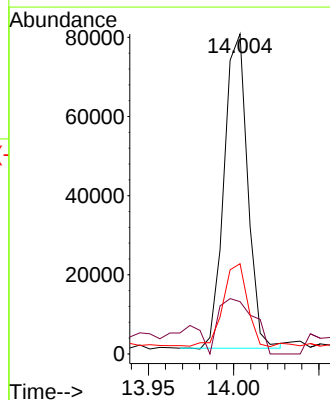
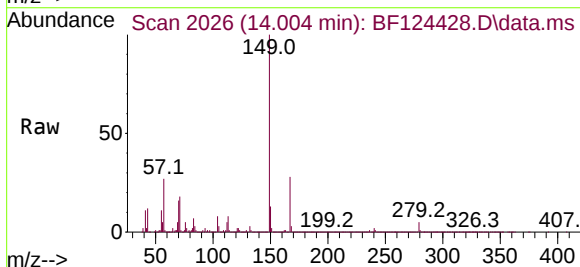
Instrument :
BNA_F
ClientSampled :
2ND-FLOORS

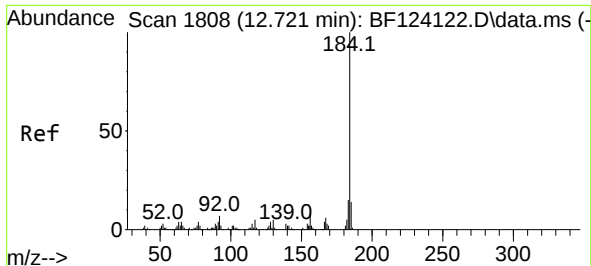
Tgt Ion:202 Resp: 18576
Ion Ratio Lower Upper
202 100
101 24.7 0.0 30.9
203 52.4 0.0 37.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.041 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:240 Resp: 76318
Ion Ratio Lower Upper
240 100
120 16.3 7.2 10.8#
236 28.2 19.0 28.4

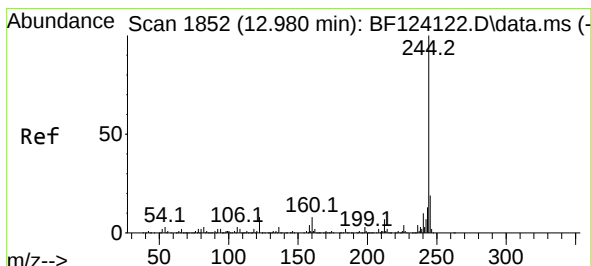
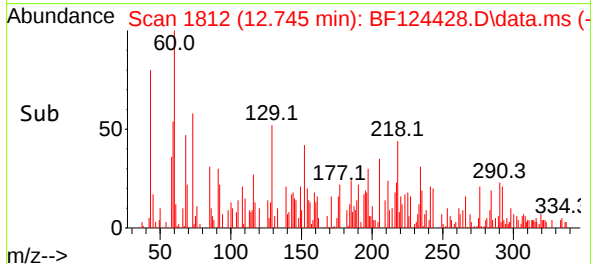
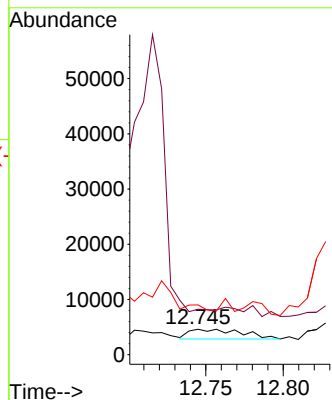
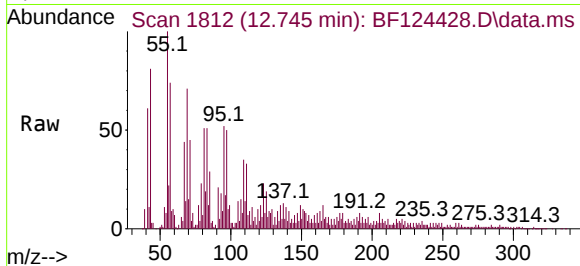




#77
Benzidine
Concen: 6.21 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.047 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

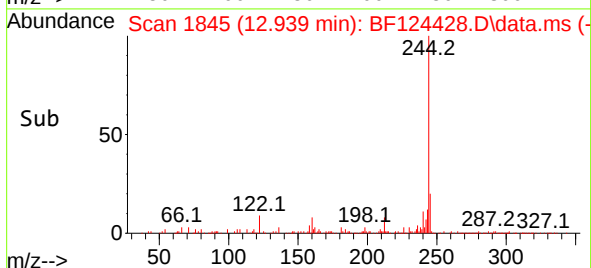
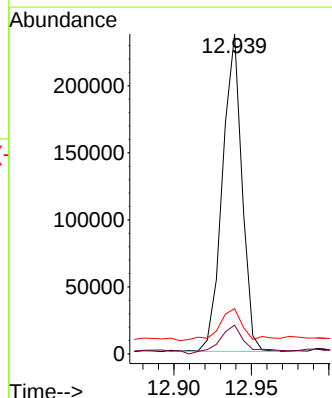
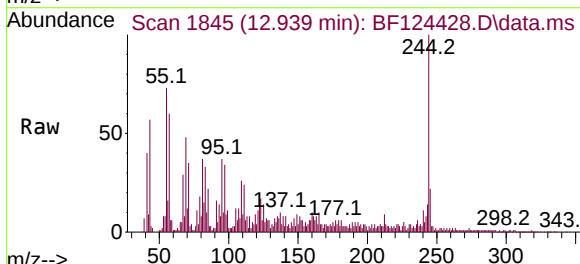
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

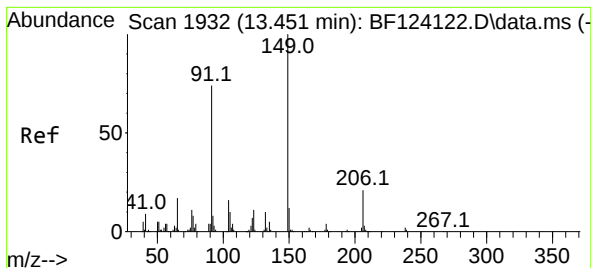
Tgt Ion:184 Resp: 4174
Ion Ratio Lower Upper
184 100
185 178.5 12.1 18.1#
183 195.2 7.8 11.8#



#79
Terphenyl-d14
Concen: 37.23 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.035 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:244 Resp: 206953
Ion Ratio Lower Upper
244 100
212 9.0 5.7 8.5#
122 14.2 9.7 14.5

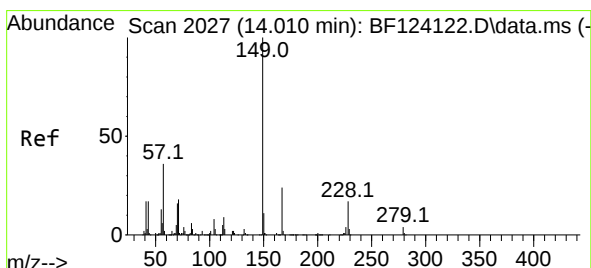
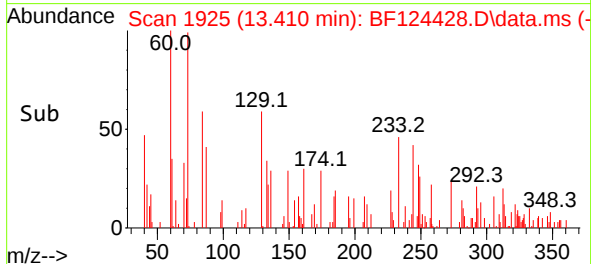
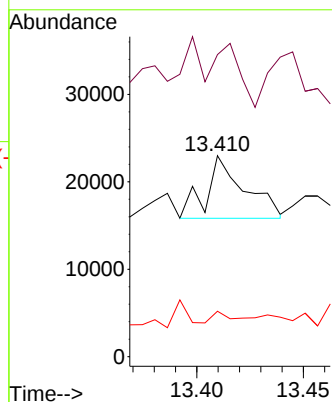
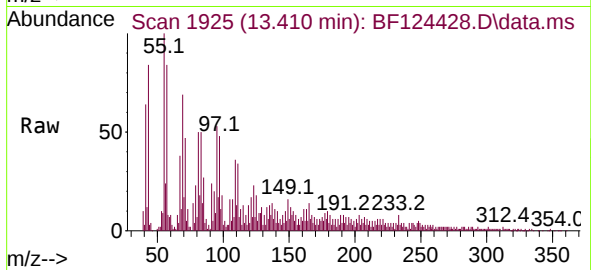




#80
Butylbenzylphthalate
Concen: 3.03 ng
RT: 13.410 min Scan# 1925
Delta R.T. 0.030 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

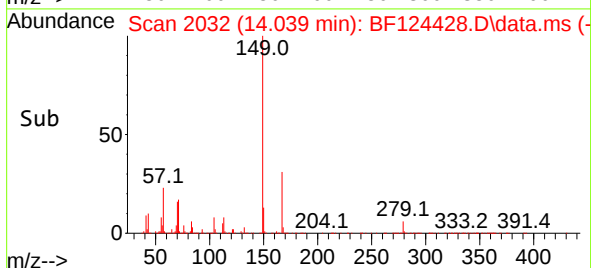
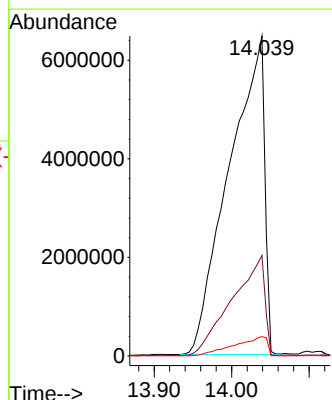
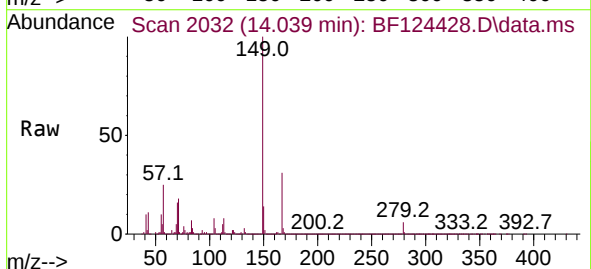
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

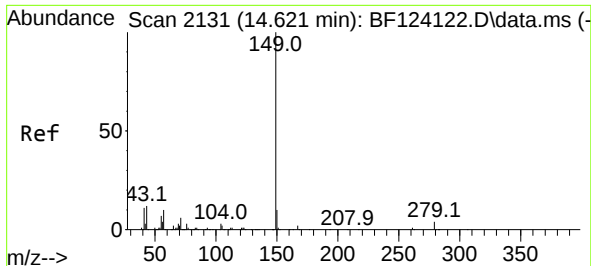
Tgt Ion:149 Resp: 8998
Ion Ratio Lower Upper
149 100
91 150.2 63.6 95.4#
206 22.6 14.5 21.7#



#84
Bis(2-ethylhexyl)phthalate
Concen: 5781.73 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.100 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:149 Resp:20446268
Ion Ratio Lower Upper
149 100
167 31.4 21.8 32.6
279 6.0 3.3 4.9#

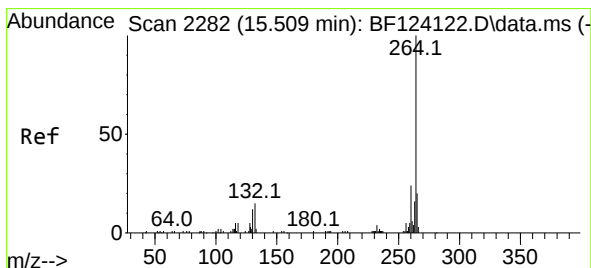
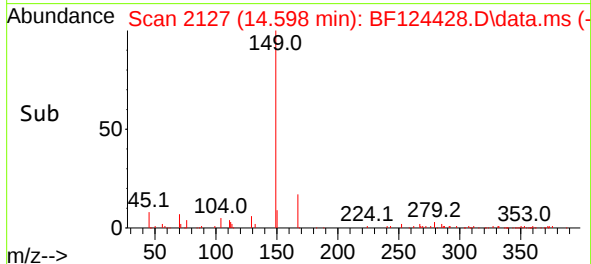
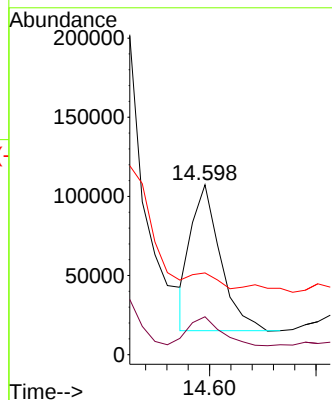
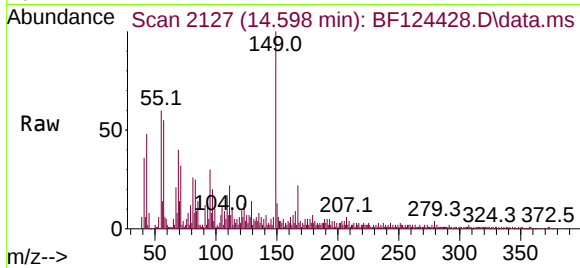




#85
Di-n-octyl phthalate
Concen: 18.74 ng
RT: 14.598 min Scan# 2127
Delta R.T. 0.047 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

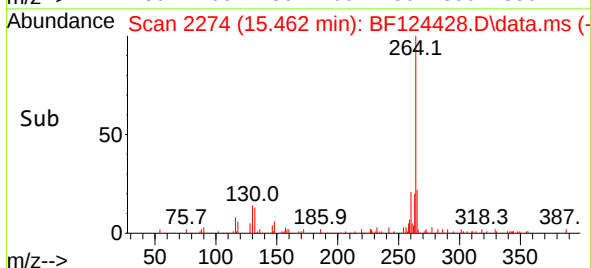
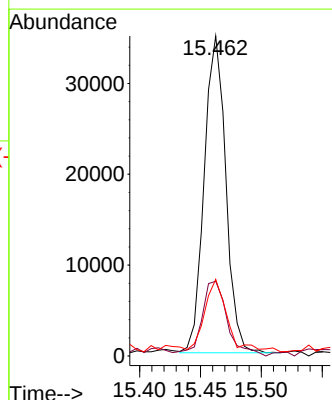
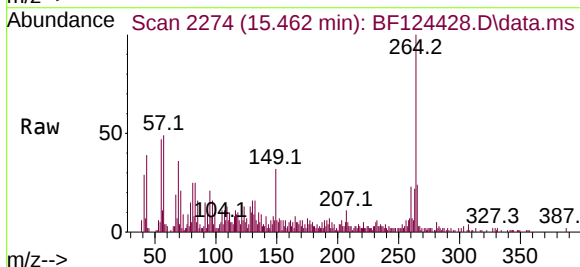
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

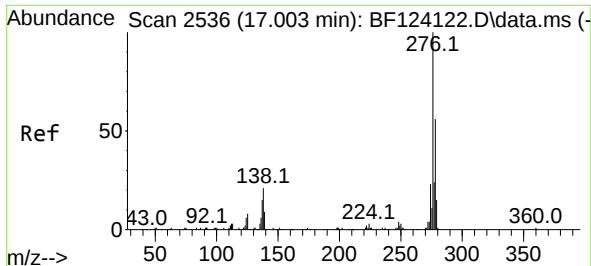
Tgt Ion:149 Resp: 88467
Ion Ratio Lower Upper
149 100
167 22.6 1.2 1.8#
43 0.0 11.8 17.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.047 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:264 Resp: 42963
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 23.9 17.8 26.8

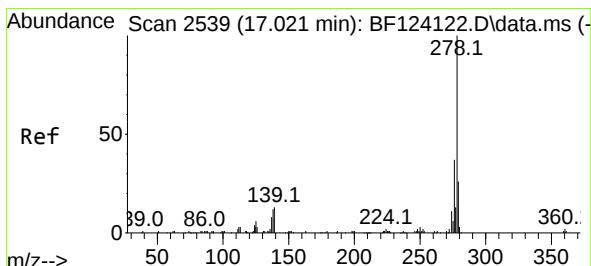
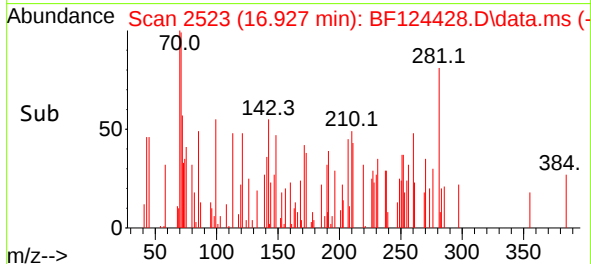
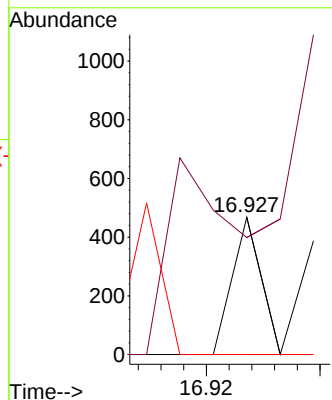
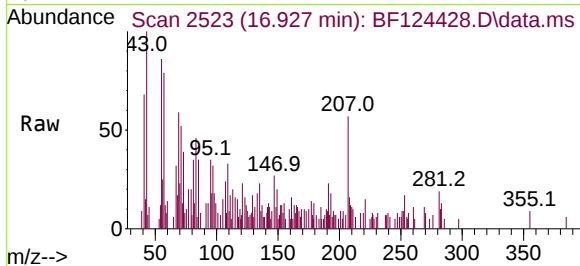




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.38 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.053 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

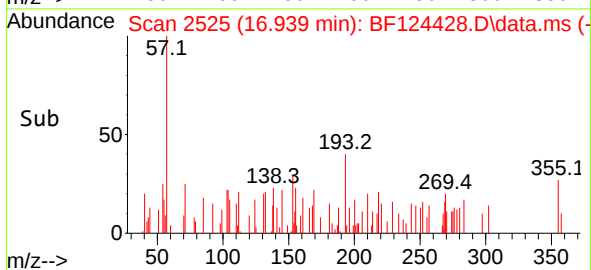
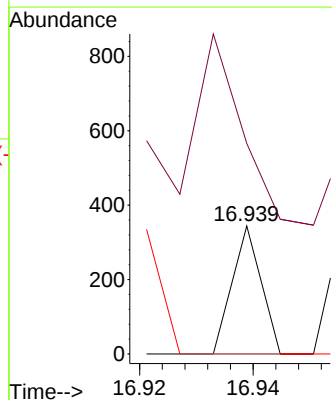
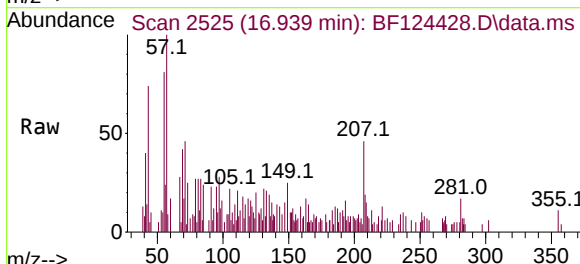
Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

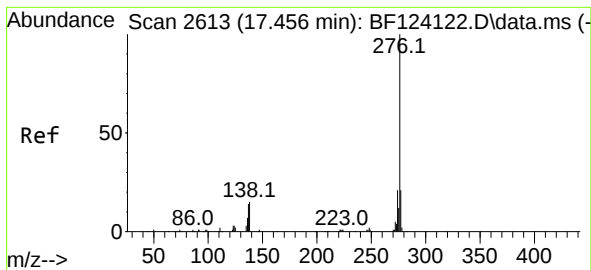
Tgt Ion:276 Resp: 165
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 110.9 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.21 ng
RT: 16.939 min Scan# 2525
Delta R.T. 0.053 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Tgt Ion:278 Resp: 121
Ion Ratio Lower Upper
278 100
139 164.5 10.2 15.2#
279 0.0 19.4 29.0#





#92
Benzo(g,h,i)perylene
Concen: 4.00 ng
RT: 17.386 min Scan# 2601
Delta R.T. 0.071 min
Lab File: BF124428.D
Acq: 22 Jun 2021 23:49

Instrument :
BNA_F
ClientSampleId :
2ND-FLOORS

Tgt Ion:276 Resp: 619
Ion Ratio Lower Upper
276 100
277 55.8 18.2 27.2#
138 0.0 13.8 20.6#

