

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124972.D
 Acq On : 7 Aug 2021 13:36
 Operator : JU/CG
 Sample : M3281-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP03

Quant Time: Aug 07 15:38:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

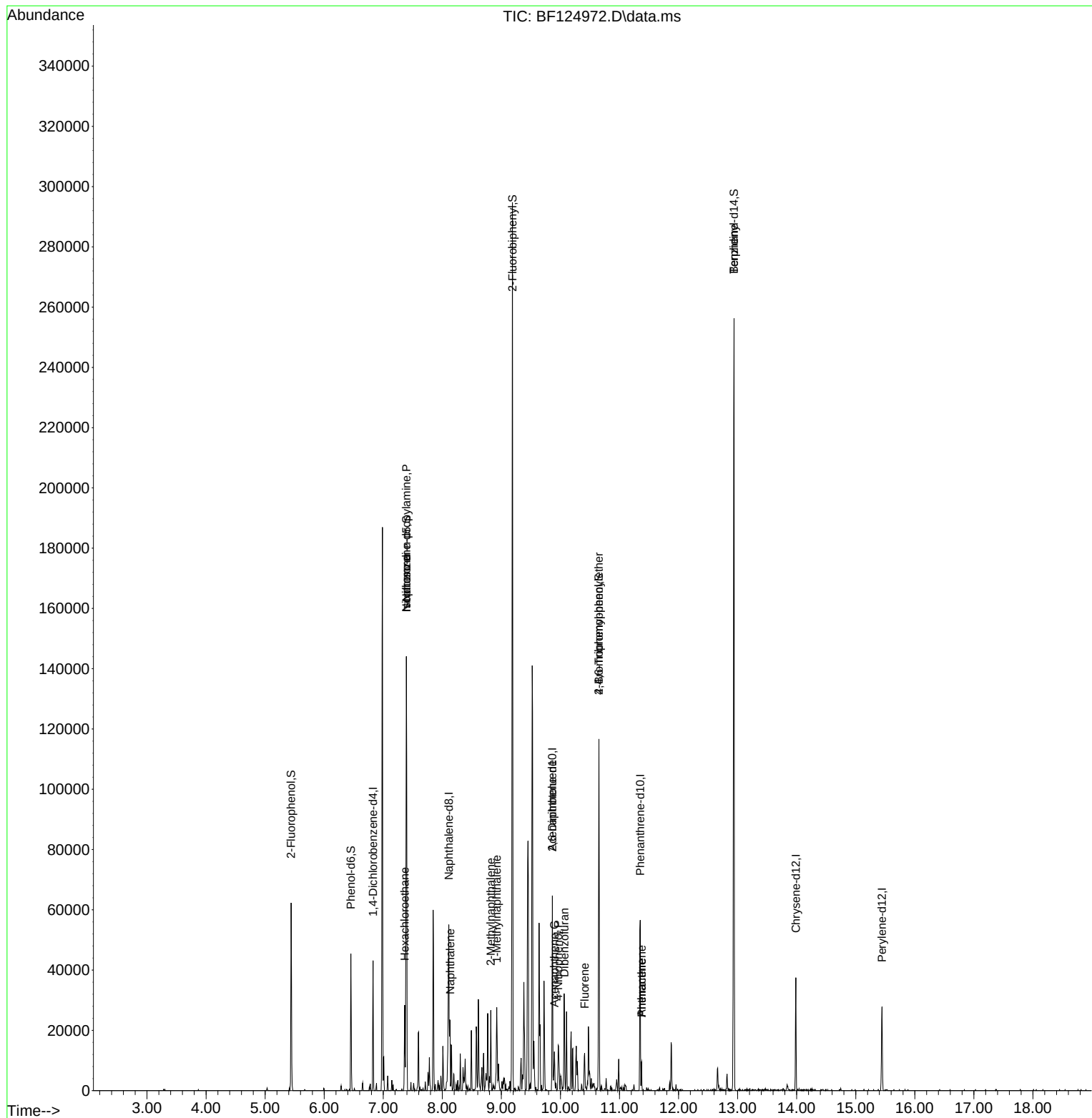
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	5902	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	21516	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	11865	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	21693	20.000	ng	0.00
76) Chrysene-d12	13.986	240	13084	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	13166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	15720	43.631	ng	0.00
7) Phenol-d6	6.451	99	12968	28.545	ng	-0.01
23) Nitrobenzene-d5	7.392	82	41078	99.875	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	10804	101.923	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	82761	102.064	ng	0.00
79) Terphenyl-d14	12.939	244	93553	120.611	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.363	117	1922	11.416	ng	# 1
19) n-Nitroso-di-n-propyla...	7.392	70	5193	19.264	ng	# 69
25) Isophorone	7.392	82	41076	58.514	ng	# 59
31) Naphthalene	8.134	128	5259	4.757	ng	# 94
37) 2-Methylnaphthalene	8.822	142	6664	8.966	ng	93
38) 1-Methylnaphthalene	8.922	142	6232	8.961	ng	97
51) 2,6-Dinitrotoluene	9.863	165	1683	9.400	ng	# 26
52) Acenaphthene	9.898	154	2202	3.399	ng	# 92
55) Dibenzofuran	10.069	168	2080	2.055	ng	# 74
56) 4-Nitrophenol	9.963	139	317	2.550	ng	# 10
58) Fluorene	10.410	166	3336	4.298	ng	# 98
67) 4-Bromophenyl-phenylether	10.651	248	793	3.338	ng	# 1
71) Phenanthrene	11.375	178	4192	3.562	ng	96
72) Anthracene	11.375	178	4192	3.551	ng	98
77) Benzidine	12.939	184	1185	3.385	ng	# 74

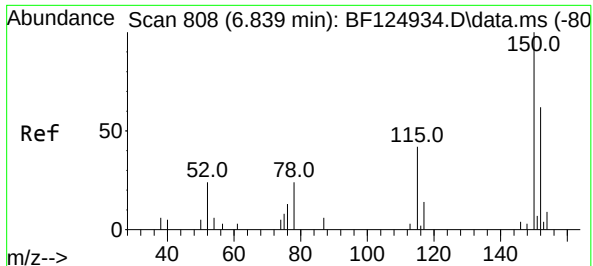
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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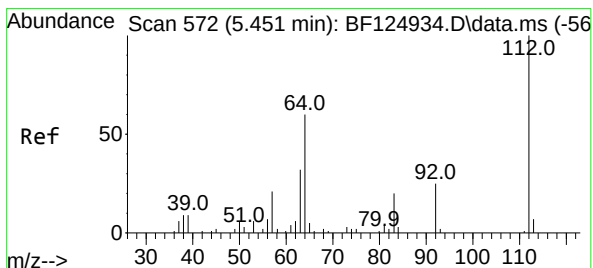
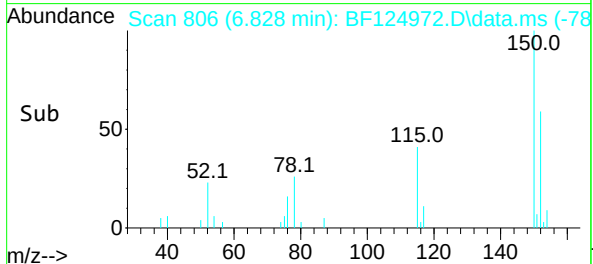
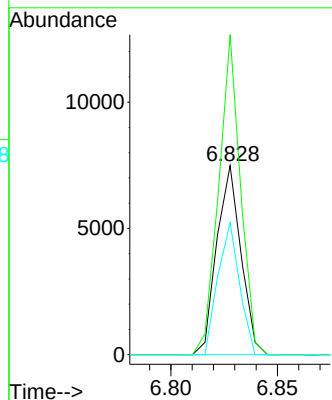
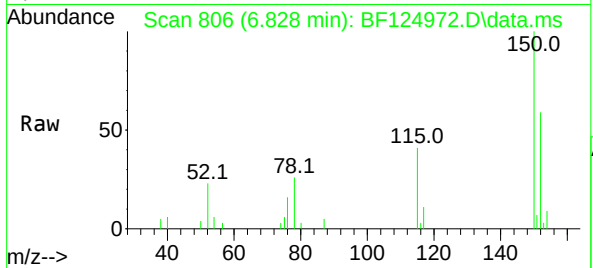




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

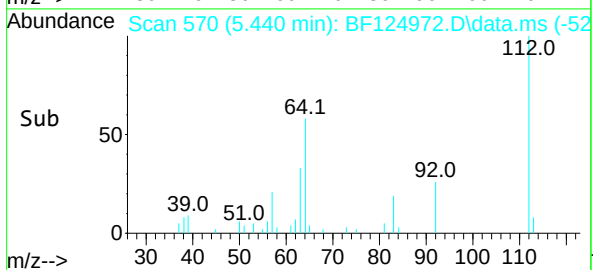
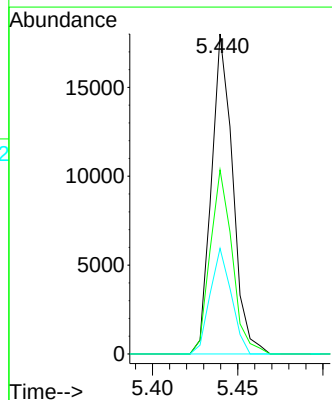
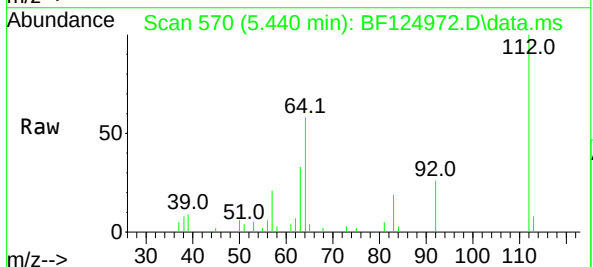
Instrument :
BNA_F
ClientSampleId :
TWP03

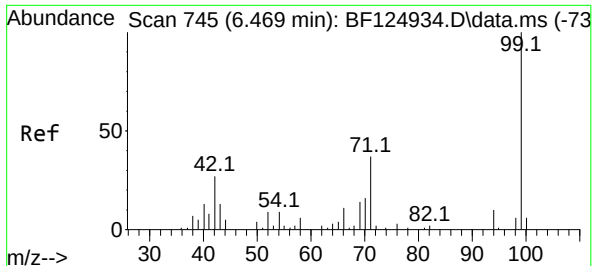
Tgt Ion:152 Resp: 5902
Ion Ratio Lower Upper
152 100
150 169.3 117.6 176.4
115 69.9 47.1 70.7



#5
2-Fluorophenol
Concen: 43.631 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:112 Resp: 15720
Ion Ratio Lower Upper
112 100
64 57.6 44.2 66.2
63 33.0 26.2 39.2

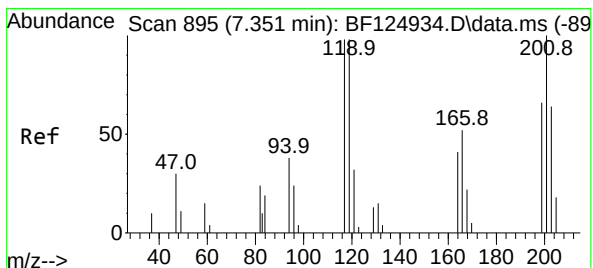
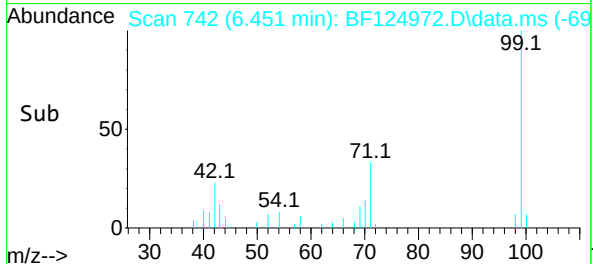
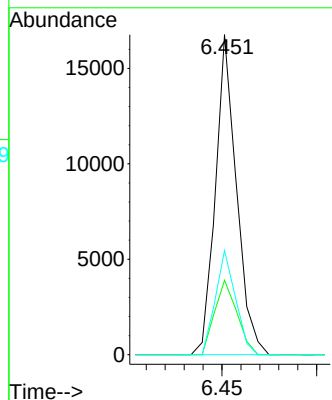
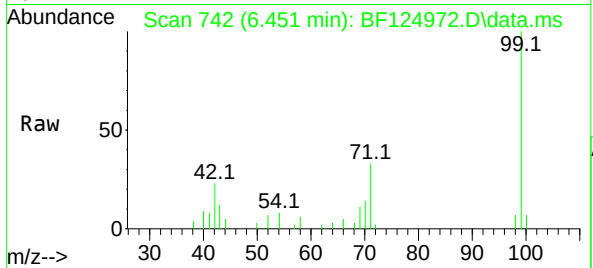




#7
Phenol-d6
Concen: 28.545 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

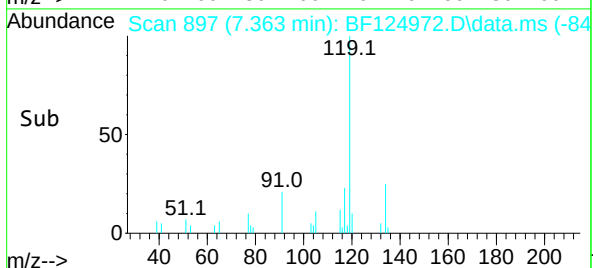
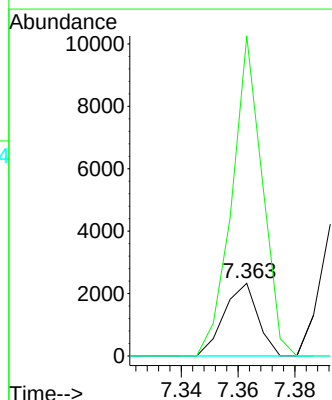
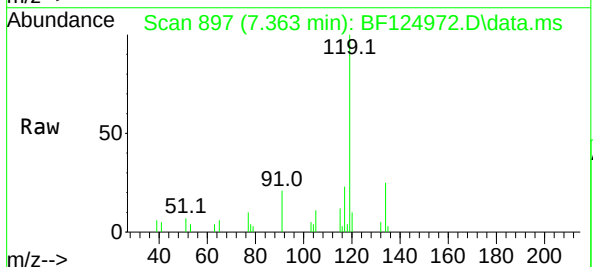
Instrument :
BNA_F
ClientSampled :
TWP03

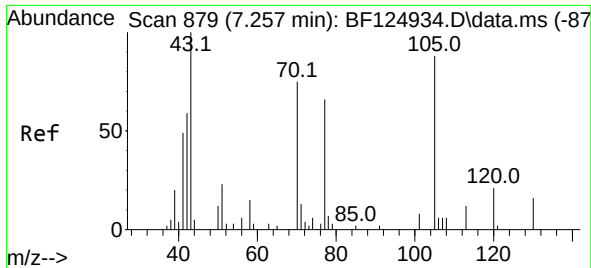
Tgt Ion: 99 Resp: 12968
Ion Ratio Lower Upper
99 100
42 23.3 23.5 35.3#
71 32.5 25.6 38.4



#18
Hexachloroethane
Concen: 11.416 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.024 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

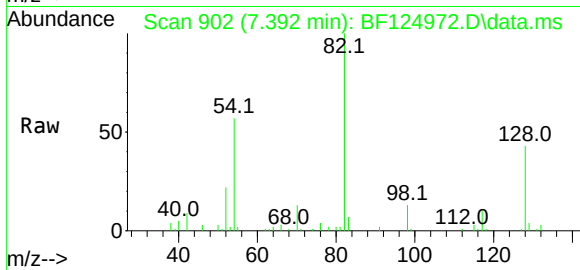
Tgt Ion: 117 Resp: 1922
Ion Ratio Lower Upper
117 100
119 440.3 73.4 110.2#
201 0.0 64.9 97.3#



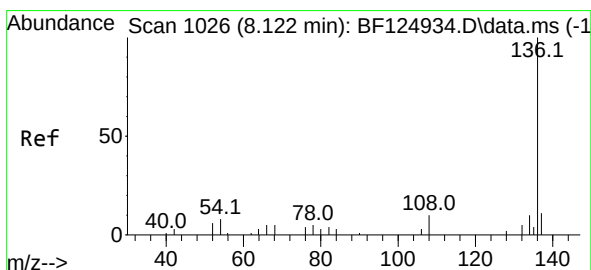
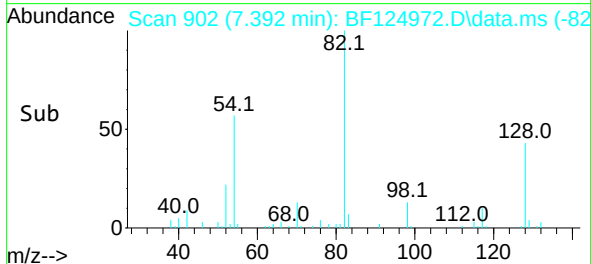
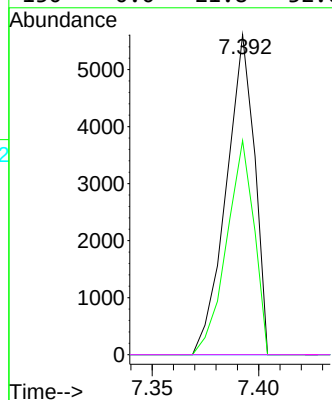


#19
n-Nitroso-di-n-propylamine
Concen: 19.264 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Instrument :
BNA_F
ClientSampled :
TWP03

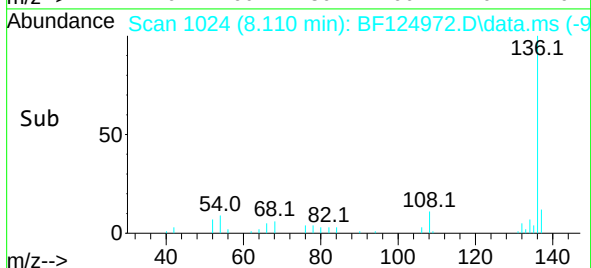
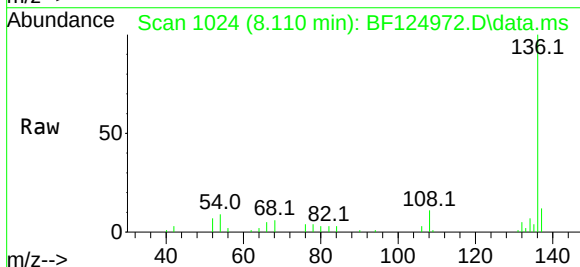
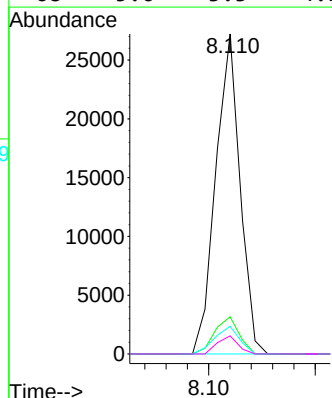


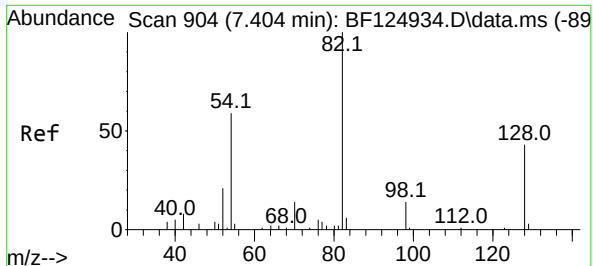
Tgt Ion: 70 Resp: 5193
Ion Ratio Lower Upper
70 100
42 66.9 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion: 136 Resp: 21516
Ion Ratio Lower Upper
136 100
137 11.6 9.8 14.6
54 8.6 6.4 9.6
68 5.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 99.875 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF124972.D

Acq: 7 Aug 2021 13:36

Tgt Ion: 82 Resp: 41078

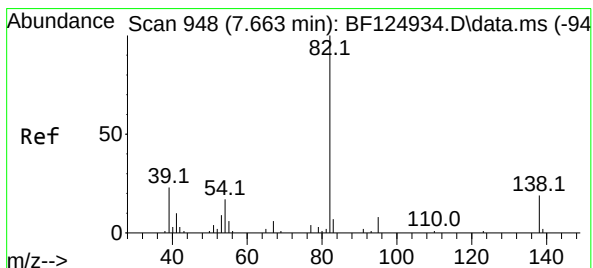
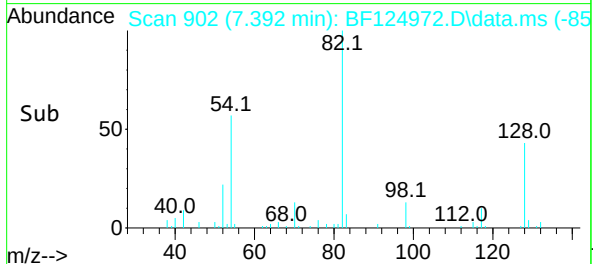
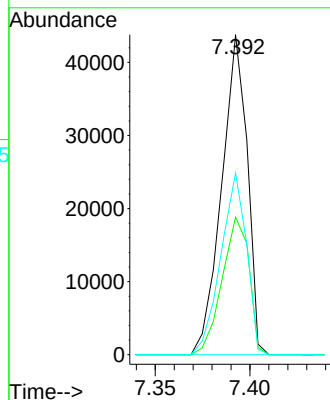
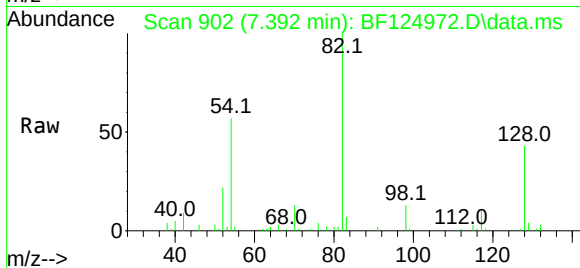
Ion	Ratio	Lower	Upper
82	100		
128	43.0	40.6	60.8
54	56.8	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

TWP03



#25

Isophorone

Concen: 58.514 ng

RT: 7.392 min Scan# 902

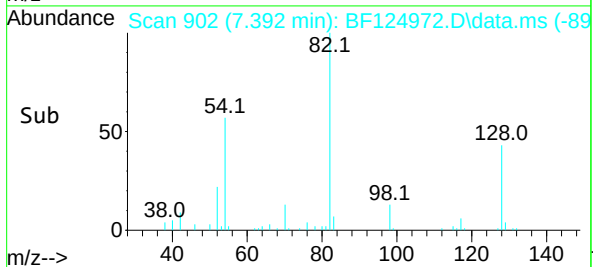
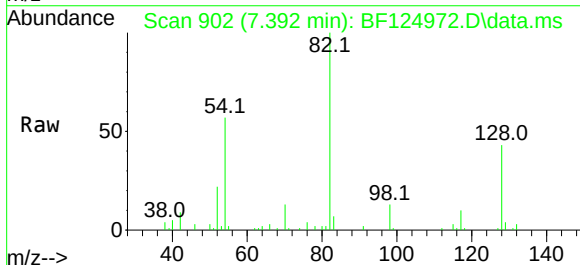
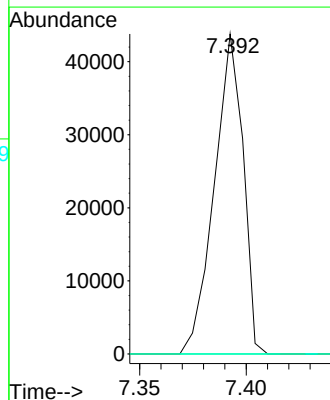
Delta R.T. -0.265 min

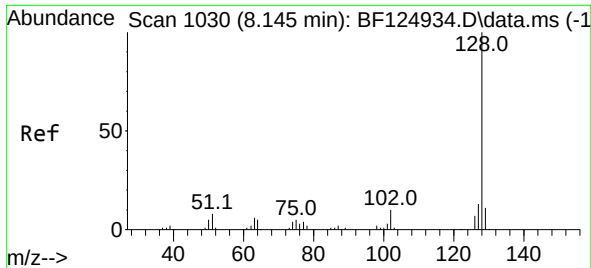
Lab File: BF124972.D

Acq: 7 Aug 2021 13:36

Tgt Ion: 82 Resp: 41076

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

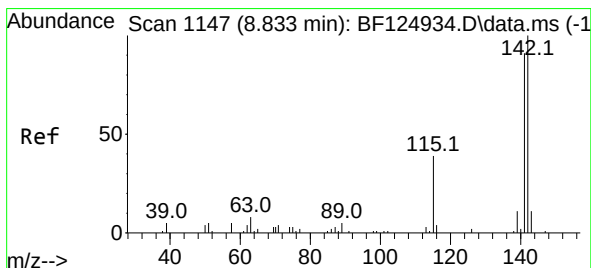
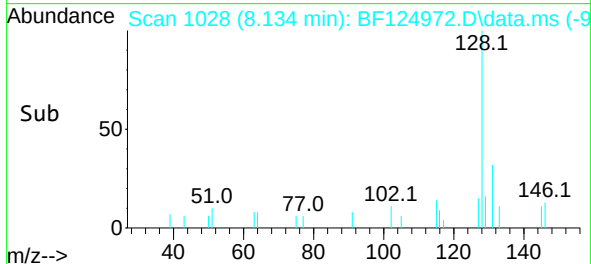
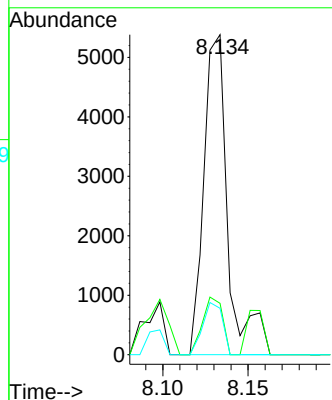
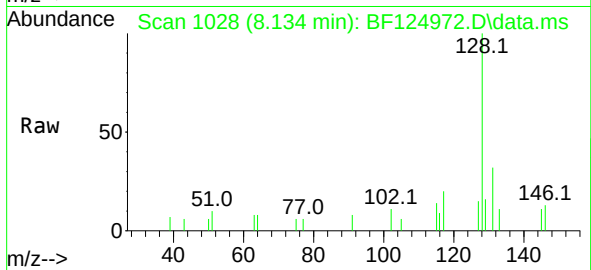




#31
Naphthalene
Concen: 4.757 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

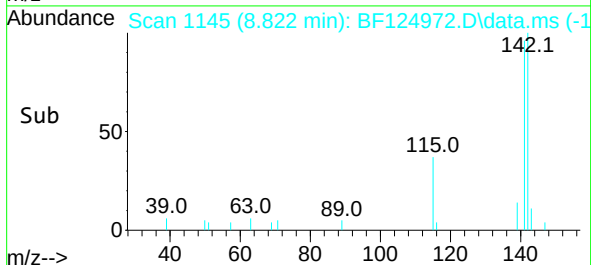
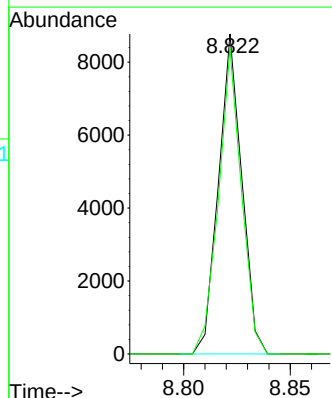
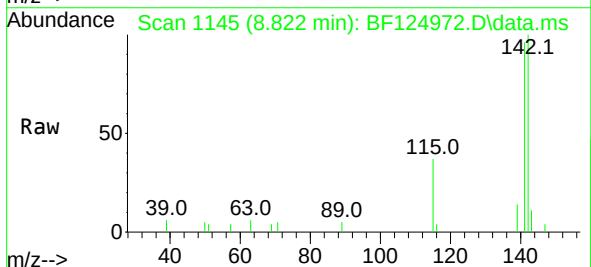
Instrument :
BNA_F
ClientSampleId :
TWP03

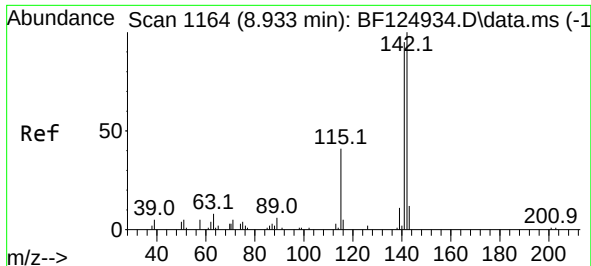
Tgt Ion:128 Resp: 5259
Ion Ratio Lower Upper
128 100
129 16.1 9.4 14.0#
127 14.5 10.9 16.3



#37
2-Methylnaphthalene
Concen: 8.966 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:142 Resp: 6664
Ion Ratio Lower Upper
142 100
141 95.5 71.2 106.8

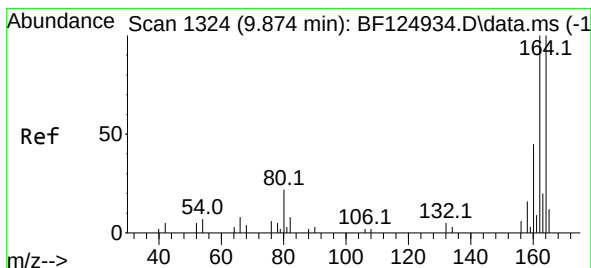
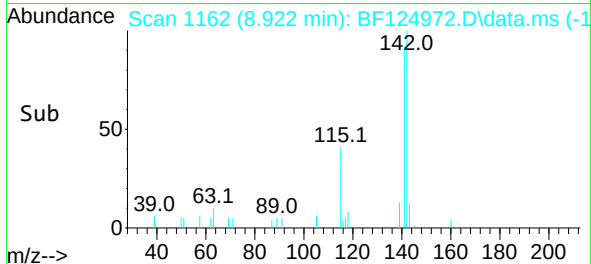
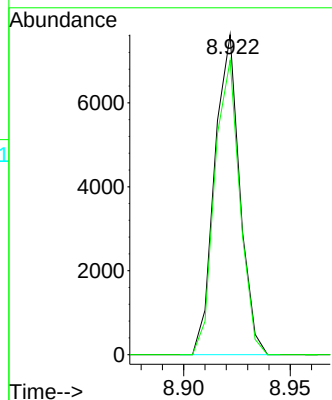
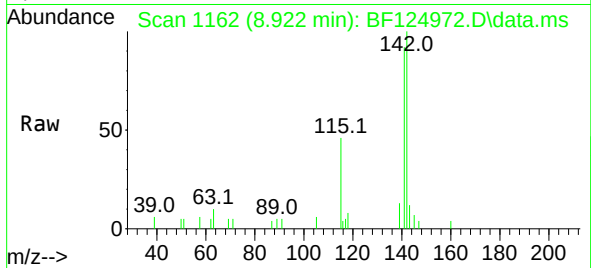




#38
1-Methylnaphthalene
Concen: 8.961 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

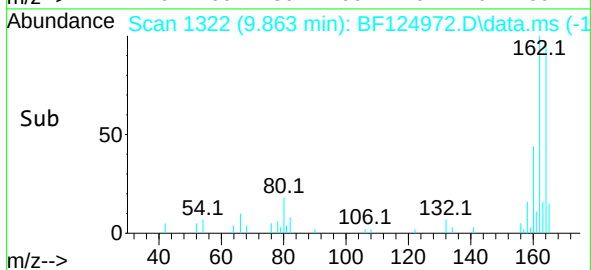
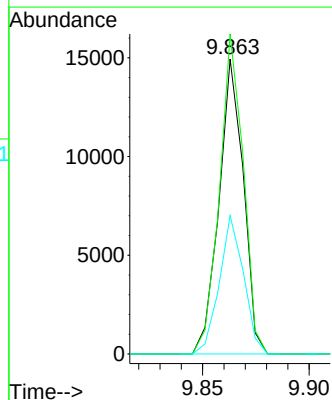
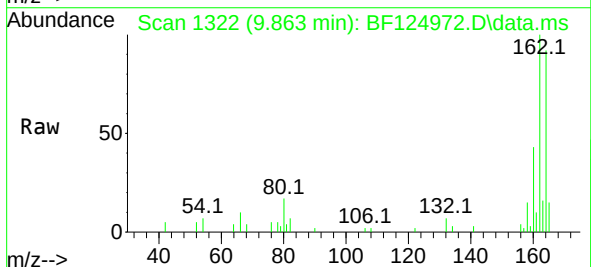
Instrument :
BNA_F
ClientSampleId :
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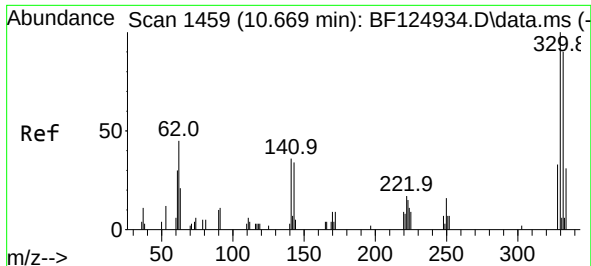
Tgt Ion:142 Resp: 6232
Ion Ratio Lower Upper
142 100
141 92.0 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

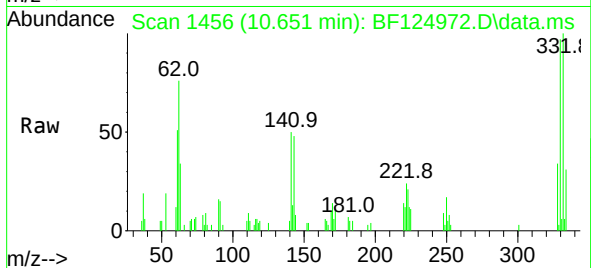
Tgt Ion:164 Resp: 11865
Ion Ratio Lower Upper
164 100
162 108.5 81.3 121.9
160 47.0 38.0 57.0



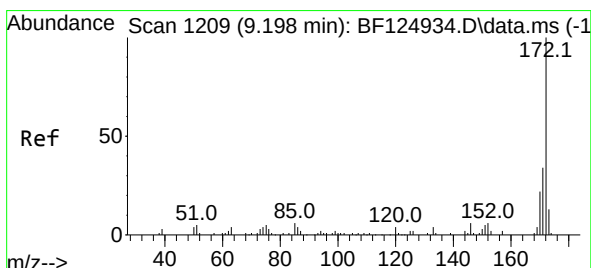
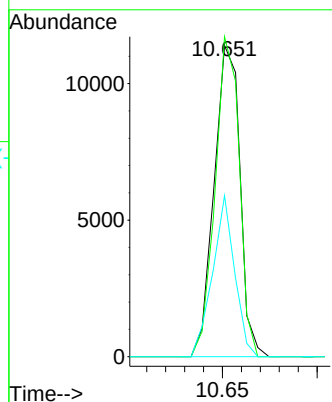
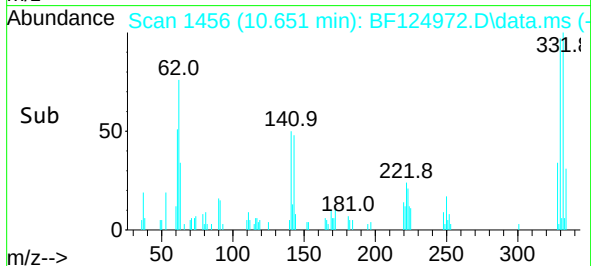


#42
2,4,6-Tribromophenol
Concen: 101.923 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

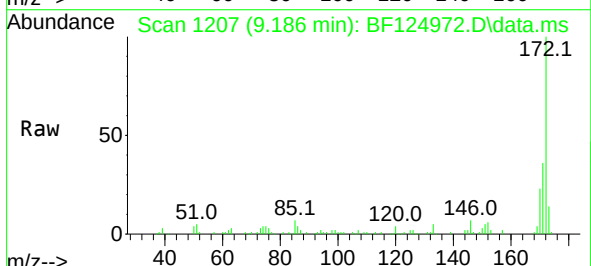
Instrument :
BNA_F
ClientSampleId :
TWP03



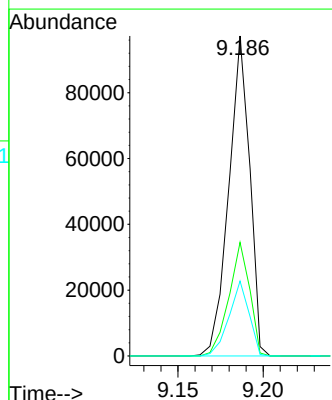
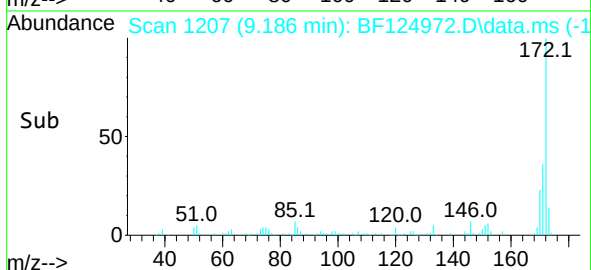
Tgt Ion:330 Resp: 10804
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 44.3 44.6 66.8#

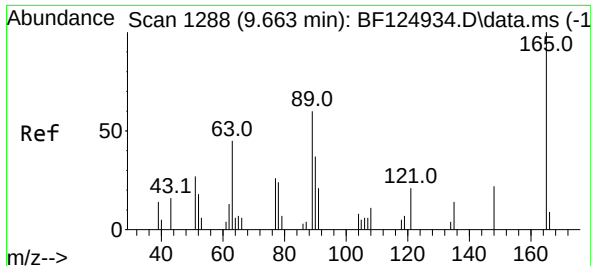


#45
2-Fluorobiphenyl
Concen: 102.064 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36



Tgt Ion:172 Resp: 82761
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.4 18.8 28.2

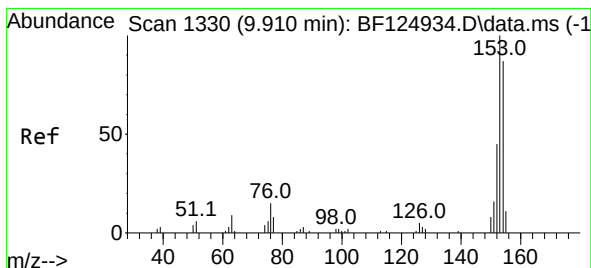
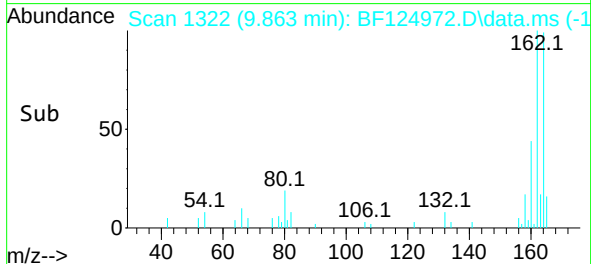
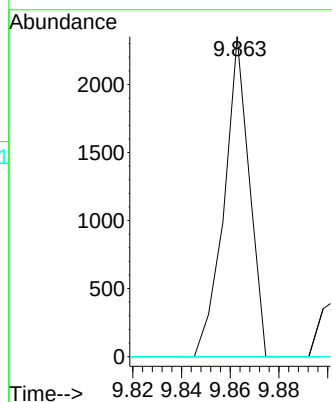
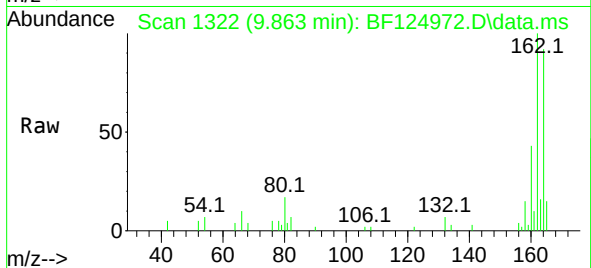




#51
2,6-Dinitrotoluene
Concen: 9.400 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

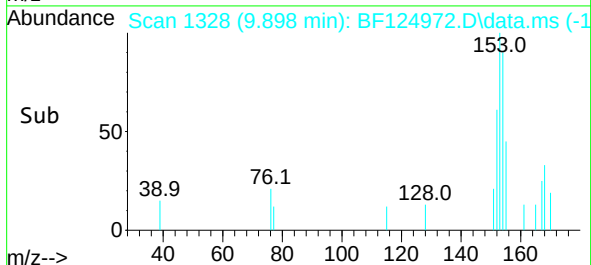
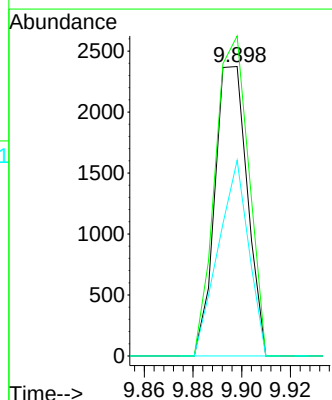
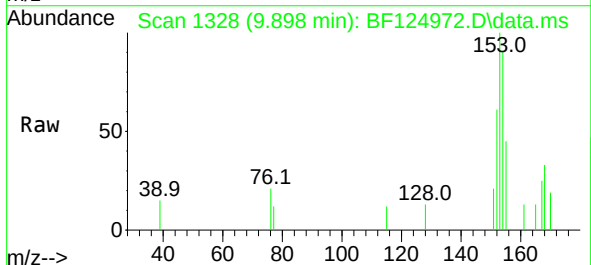
Instrument :
BNA_F
ClientSampled :
TWP03

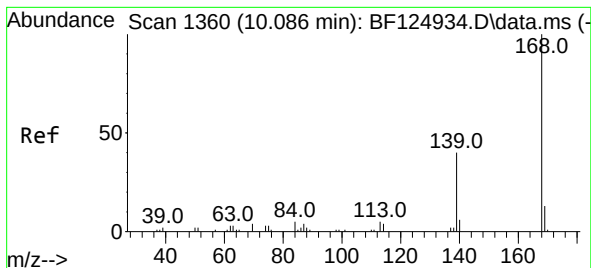
Tgt Ion:165 Resp: 1683
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#52
Acenaphthene
Concen: 3.399 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:154 Resp: 2202
Ion Ratio Lower Upper
154 100
153 110.6 89.4 134.2
152 67.6 40.5 60.7#

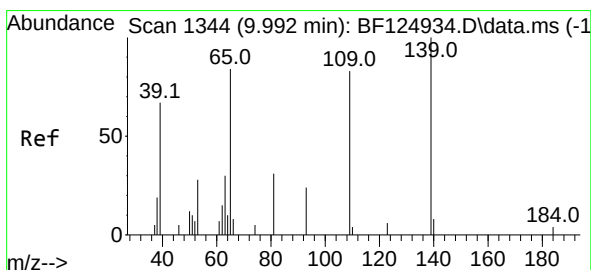
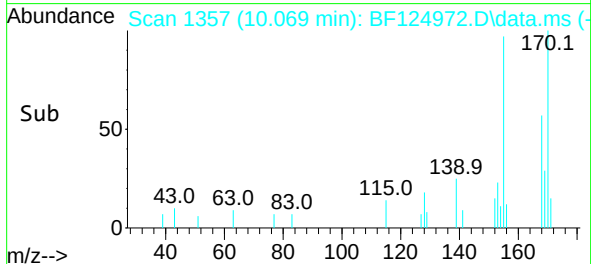
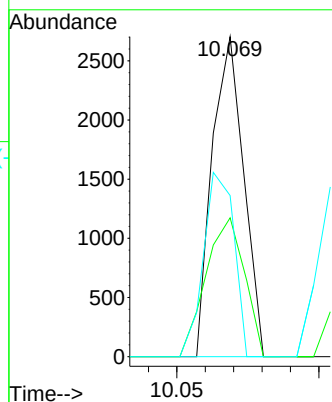
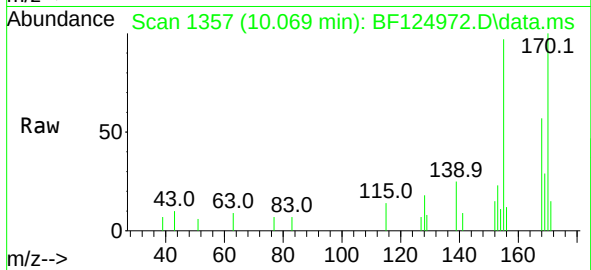




#55
Dibenzenofuran
Concen: 2.055 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

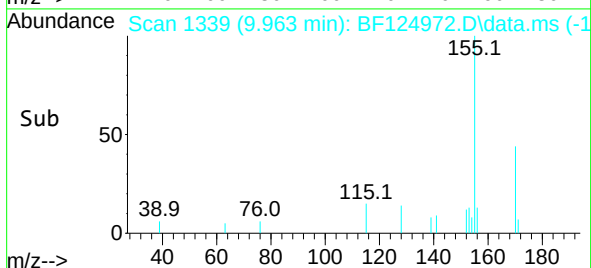
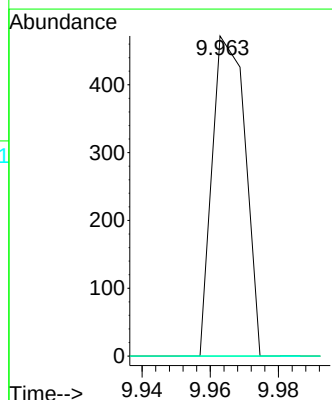
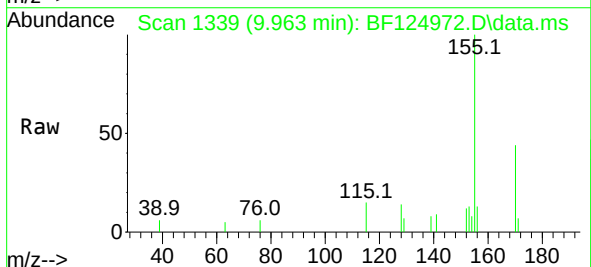
Instrument :
BNA_F
ClientSampleId :
TWP03

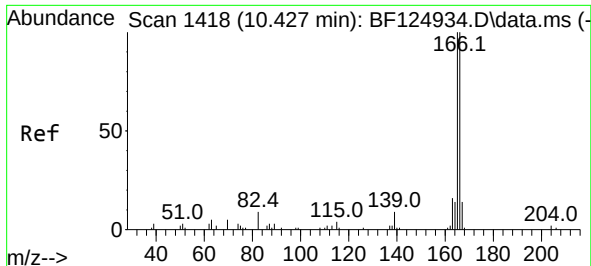
Tgt Ion:168 Resp: 2080
Ion Ratio Lower Upper
168 100
139 43.4 32.7 49.1
169 50.4 11.2 16.8#



#56
4-Nitrophenol
Concen: 2.550 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.017 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:139 Resp: 317
Ion Ratio Lower Upper
139 100
109 0.0 60.4 100.4#
65 0.0 58.4 98.4#

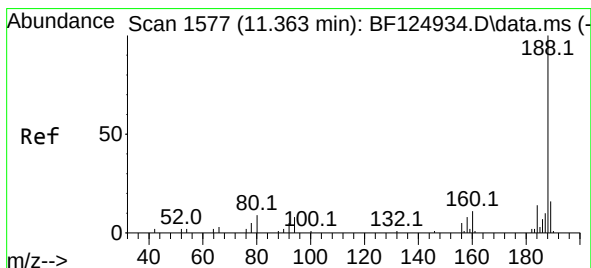
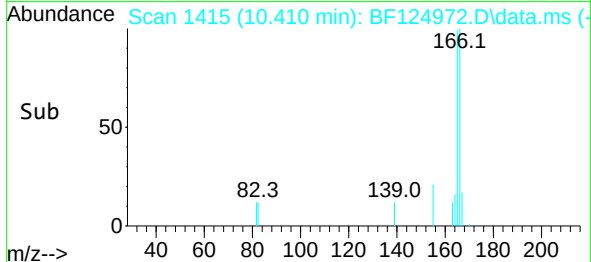
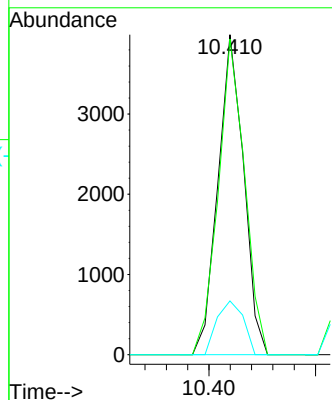
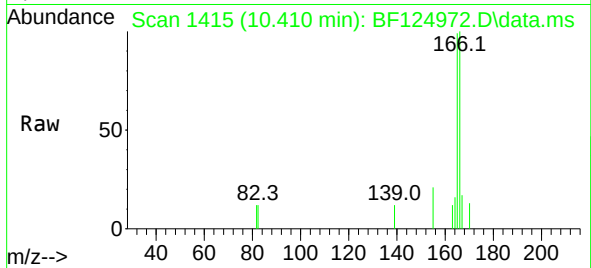




#58
Fluorene
Concen: 4.298 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

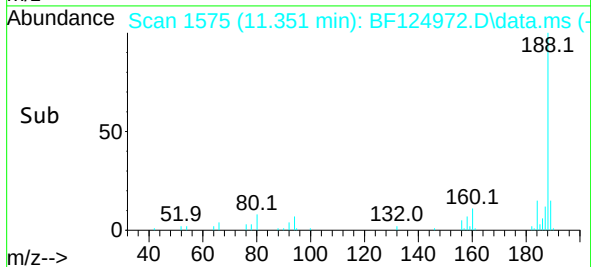
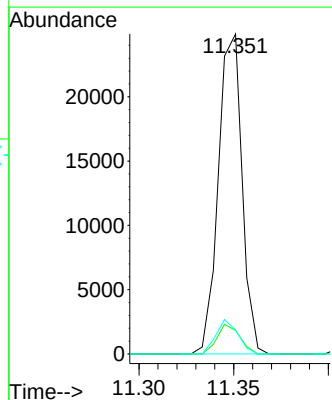
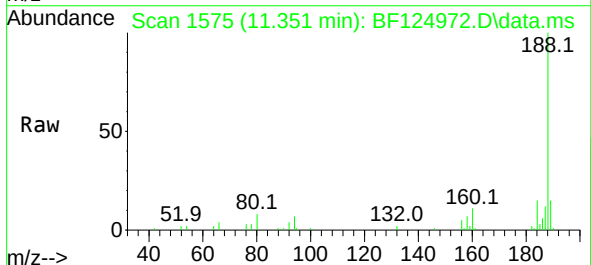
Instrument :
BNA_F
ClientSampleId :
TWP03

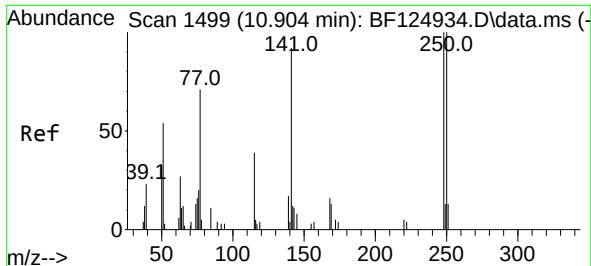
Tgt Ion:166 Resp: 3336
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 16.8 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:188 Resp: 21693
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 7.5 7.5 11.3

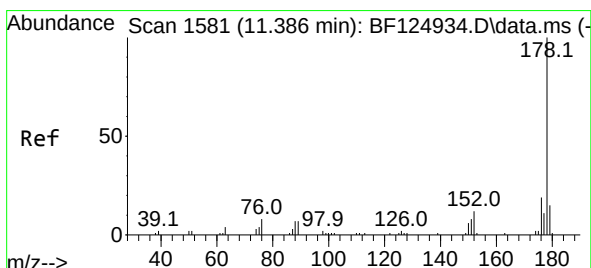
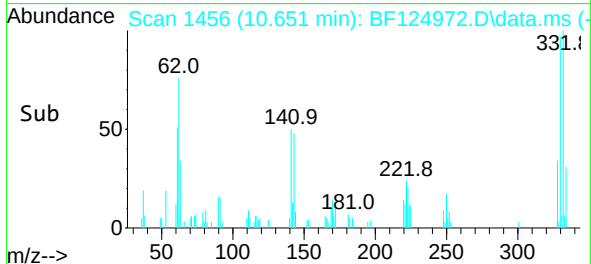
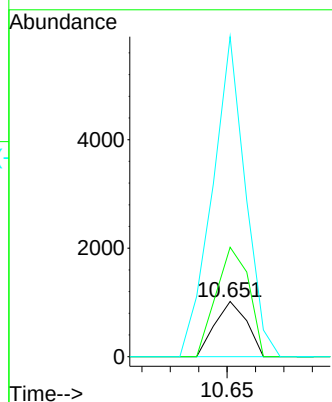
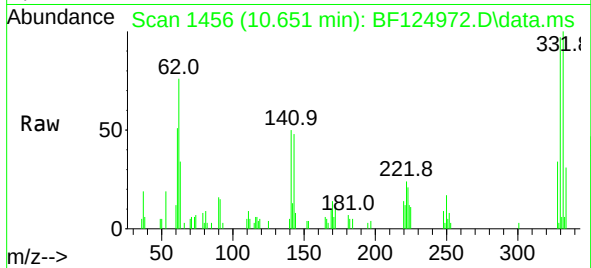




#67
4-Bromophenyl-phenylether
Concen: 3.338 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

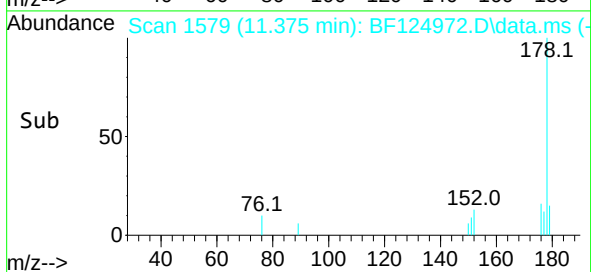
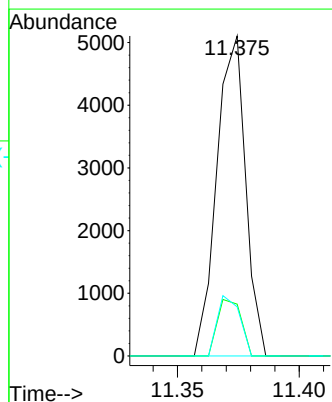
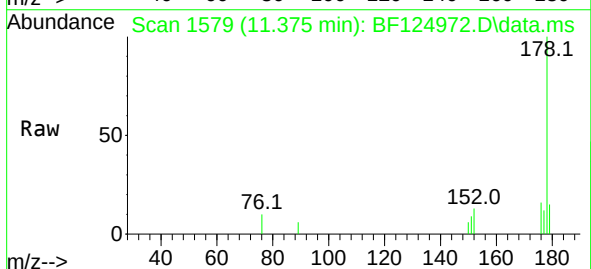
Instrument :
BNA_F
ClientSampleId :
TWP03

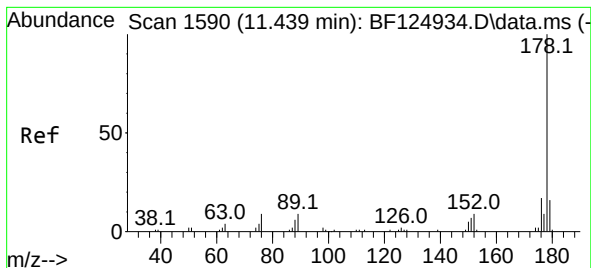
Tgt Ion:248 Resp: 793
Ion Ratio Lower Upper
248 100
250 198.0 74.2 111.4#
141 578.9 60.4 90.6#



#71
Phenanthrene
Concen: 3.562 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:178 Resp: 4192
Ion Ratio Lower Upper
178 100
176 16.2 14.7 22.1
179 15.4 11.5 17.3





#72

Anthracene

Concen: 3.551 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.059 min

Lab File: BF124972.D

Acq: 7 Aug 2021 13:36

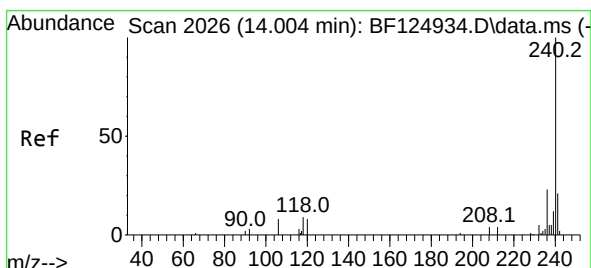
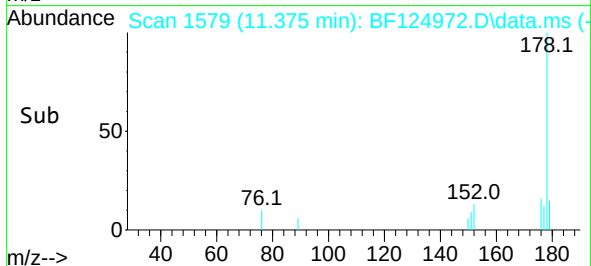
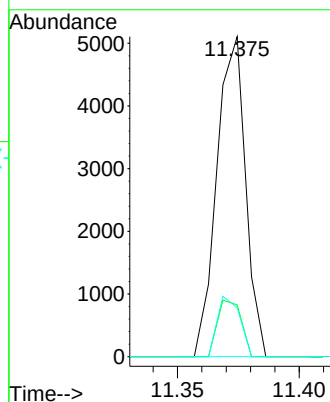
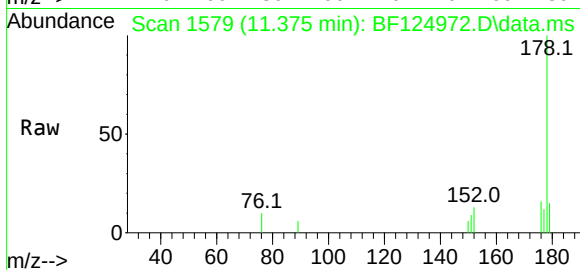
Tgt Ion:178 Resp: 4192

Ion Ratio Lower Upper

178 100

176 16.2 14.3 21.5

179 15.4 12.2 18.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF124972.D

Acq: 7 Aug 2021 13:36

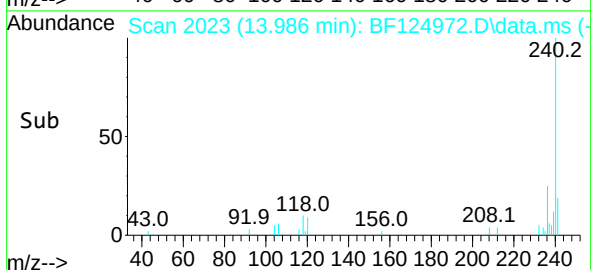
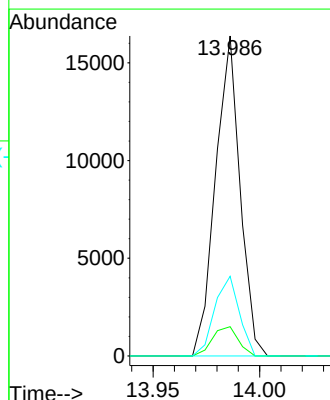
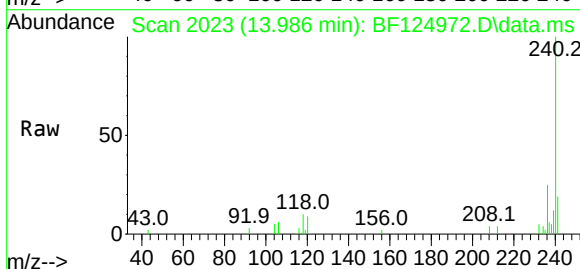
Tgt Ion:240 Resp: 13084

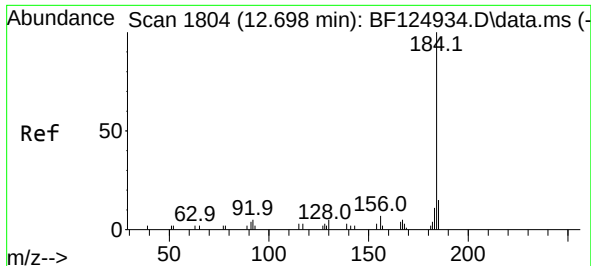
Ion Ratio Lower Upper

240 100

120 9.2 10.8 16.2#

236 24.9 21.6 32.4

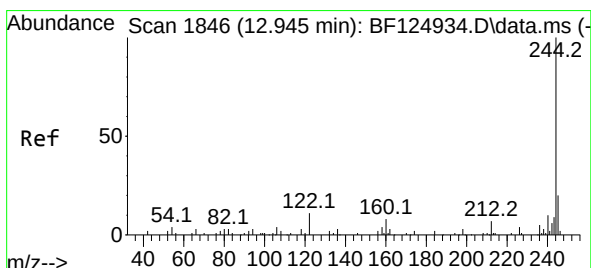
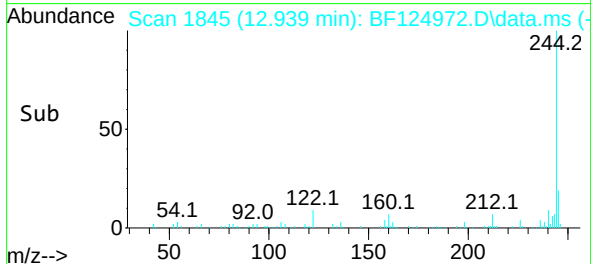
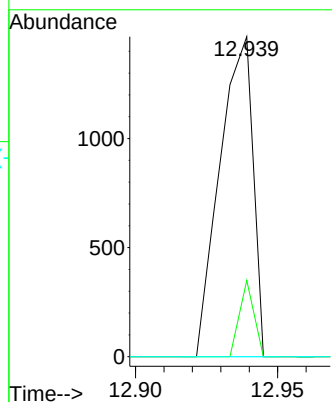
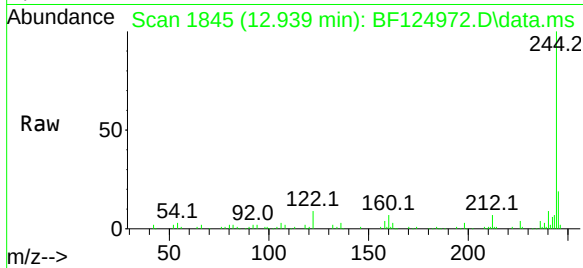




#77
Benzidine
Concen: 3.385 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.253 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

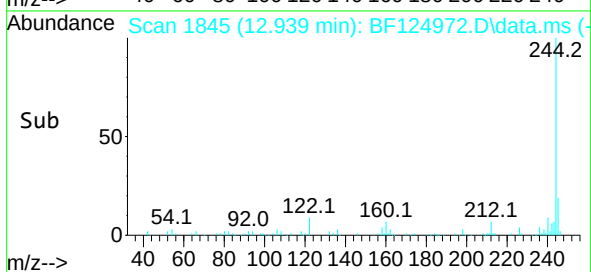
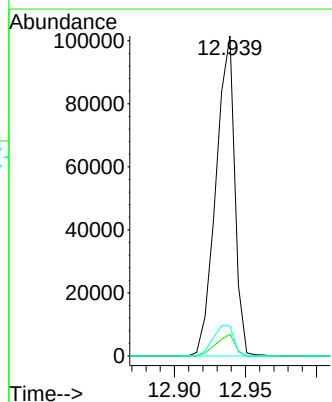
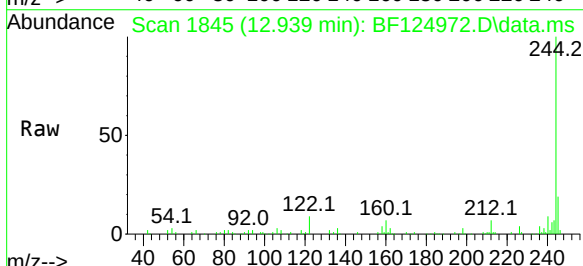
Instrument :
BNA_F
ClientSampleId :
TWP03

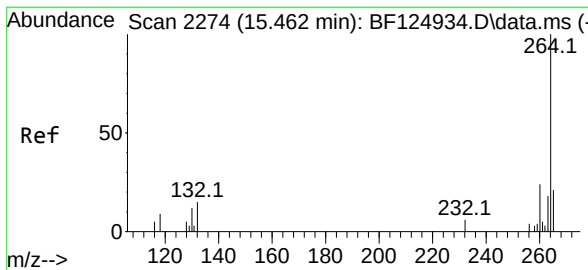
Tgt Ion:184 Resp: 1185
Ion Ratio Lower Upper
184 100
185 23.9 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 120.611 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

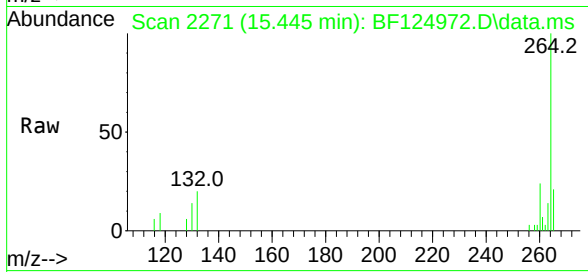
Tgt Ion:244 Resp: 93553
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF124972.D
 Acq: 7 Aug 2021 13:36

Instrument :
 BNA_F
 ClientSampleId :
 TWP03



Tgt Ion:	264	Resp:	13166
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.6	29.4
265	20.5	17.2	25.8

