

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129736.D
 Acq On : 12 Aug 2022 02:32
 Operator : CG\JU
 Sample : N4102-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 02:56:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	127559	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	384545	20.000	ng	# 0.01
39) Acenaphthene-d10	9.892	164	201669	20.000	ng	# 0.01
64) Phenanthrene-d10	11.381	188	275832	20.000	ng	# 0.01
76) Chrysene-d12	14.022	240	245302	20.000	ng	0.00
86) Perylene-d12	15.498	264	194945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	779774	99.581	ng	0.01
7) Phenol-d6	6.493	99	987556	100.336	ng	0.00
23) Nitrobenzene-d5	7.404	82	566247	80.382	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	191073	98.547	ng	0.02
45) 2-Fluorobiphenyl	9.198	172	917863	70.407	ng	0.00
79) Terphenyl-d14	12.963	244	985947	75.828	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	21341	3.193	ng	# 1
18) Hexachloroethane	7.369	117	174942	49.790	ng	# 1
19) n-Nitroso-di-n-propyla...	7.251	70	13062	2.192	ng	# 63
22) Acetophenone	7.298	105	22723	2.538	ng	# 54
24) Nitrobenzene	7.404	77	53726	7.406	ng	# 15
25) Isophorone	7.640	82	41698	3.302	ng	# 1
28) bis(2-Chloroethoxy)met...	7.610	93	83469	11.395	ng	97
31) Naphthalene	8.169	128	10365242	530.538	ng	# 90
32) Benzoic acid	7.904	122	11010	2.837	ng	# 1
33) 4-Chloroaniline	8.169	127	1618546	201.785	ng	# 29
35) Caprolactam	8.563	113	9893	5.492	ng	# 1
36) 4-Chloro-3-methylphenol	8.704	107	13064	2.223	ng	# 52
37) 2-Methylnaphthalene	8.869	142	7052072	555.438	ng	98
38) 1-Methylnaphthalene	8.969	142	6834803	557.650	ng	99
46) 1,1'-Biphenyl	9.304	154	1359417	92.366	ng	100
48) 2-Nitroaniline	9.269	65	12126	3.065	ng	87
49) Acenaphthylene	9.763	152	872498	48.261	ng	# 67
51) 2,6-Dinitrotoluene	9.734	165	25001	8.023	ng	# 65
52) Acenaphthene	9.957	154	6779603	574.152	ng	96
54) 2,4-Dinitrophenol	9.975	184	7886	4.958	ng	# 1
55) Dibenzofuran	10.104	168	801926	49.266	ng	# 52
56) 4-Nitrophenol	10.039	139	34568	12.734	ng	# 56
57) 2,4-Dinitrotoluene	10.104	165	140371	34.484	ng	# 58
58) Fluorene	10.422	166	1100688	84.512	ng	# 69
62) 4-Nitroaniline	10.563	138	9587	2.627	ng	88
63) Azobenzene	10.604	77	77725	5.662	ng	# 1
66) n-Nitrosodiphenylamine	10.551	169	378659	41.222	ng	# 64
71) Phenanthrene	11.445	178	12364632	821.192	ng	# 88
72) Anthracene	11.445	178	12364632	835.642	ng	# 87
75) Fluoranthene	12.610	202	3222482	211.226	ng	97
78) Pyrene	12.845	202	4770959	232.584	ng	98
81) Benzo(a)anthracene	14.051	228	700876	41.827	ng	95
83) Chrysene	14.051	228	700876	44.381	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	46874	4.002	ng	93
85) Di-n-octyl phthalate	14.592	149	47724	2.831	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.980	276	150519	11.466	ng	93

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Quant Time: Aug 12 02:56:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 23:50:03 2022
Response via : Initial Calibration

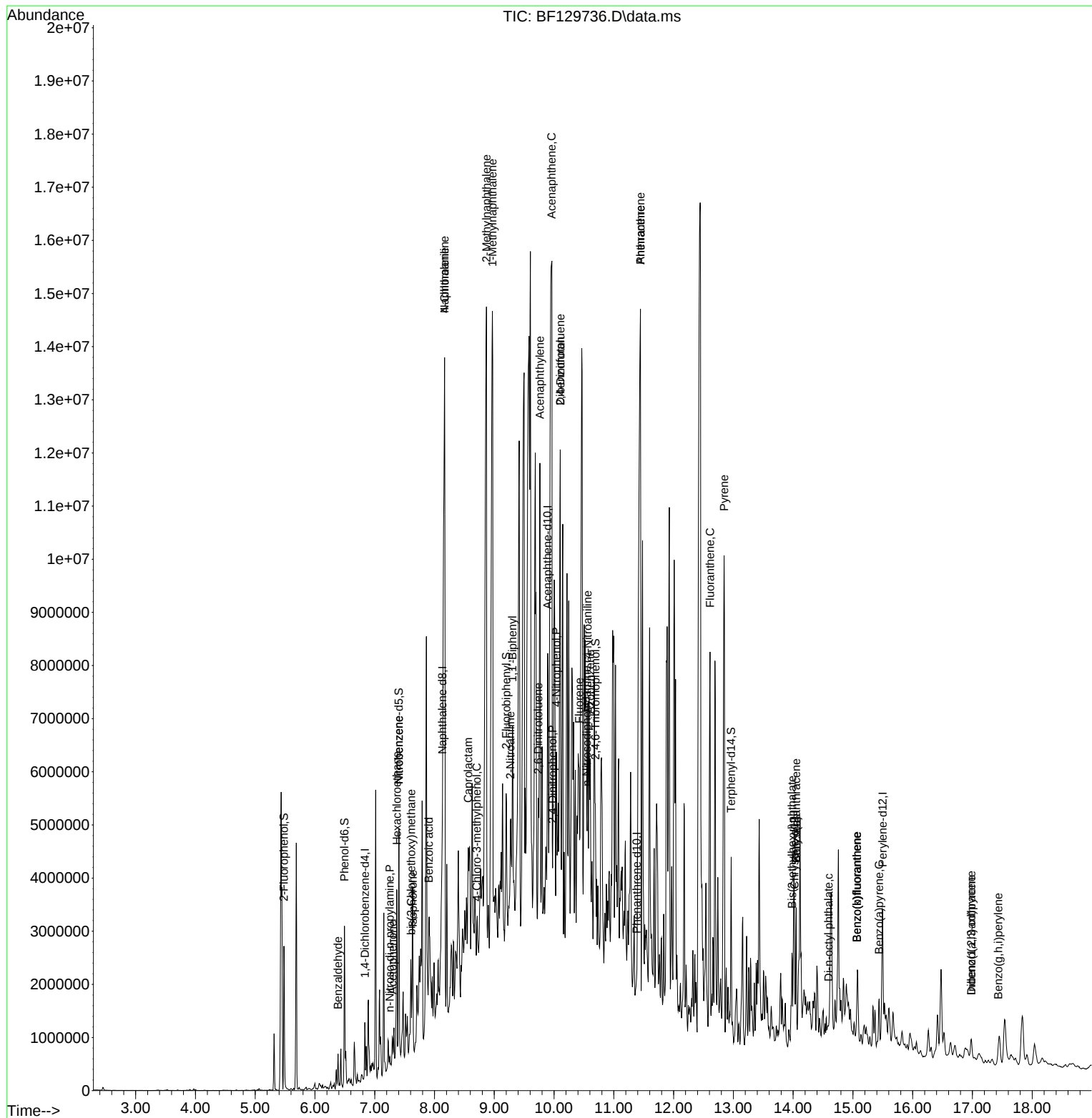
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	15.069	252	522736	40.424	ng	# 94
89) Benzo(k)fluoranthene	15.069	252	522736	41.250	ng	# 94
90) Benzo(a)pyrene	15.439	252	430591	41.019	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	46892	4.389	ng	# 84
92) Benzo(g,h,i)perylene	17.433	276	162978	14.927	ng	99

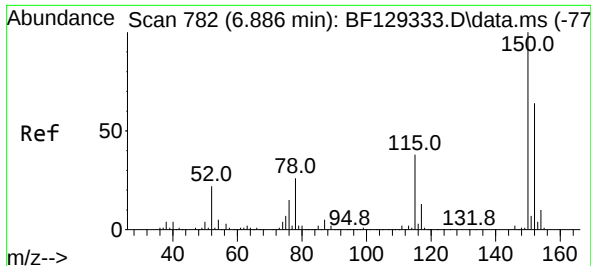
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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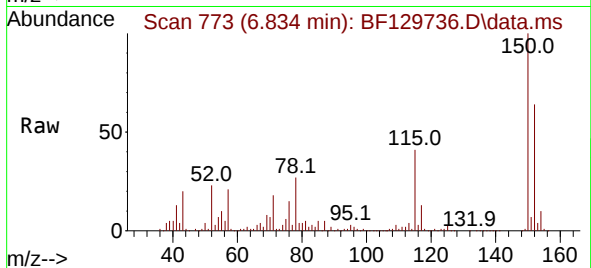
Quant Time: Aug 12 02:56:09 2022
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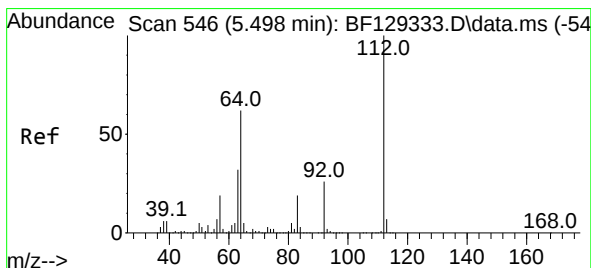
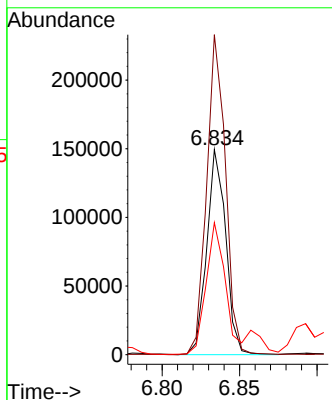
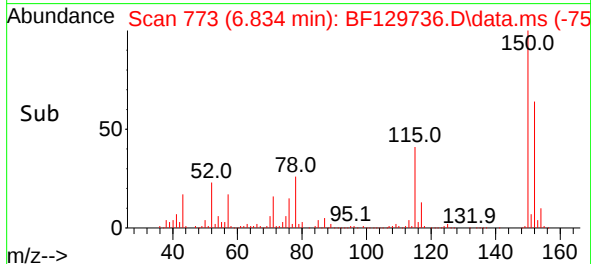


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

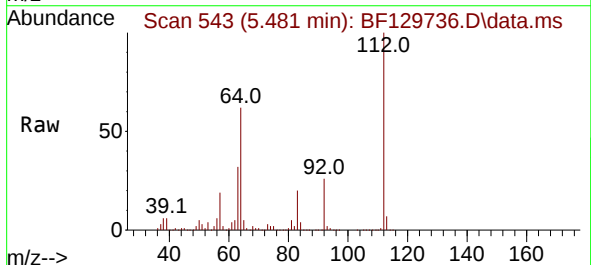
Instrument :
BNA_F
ClientSampleId :



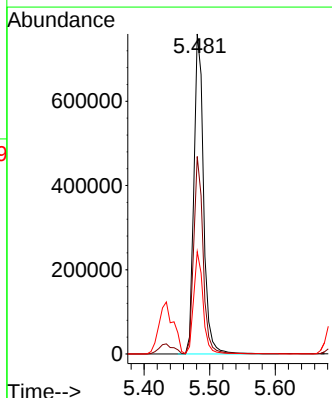
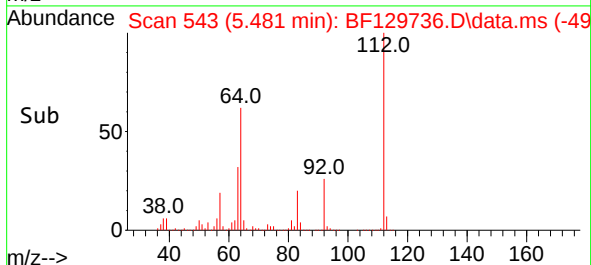
Tgt Ion:152 Resp: 127559
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 64.4 49.9 74.9

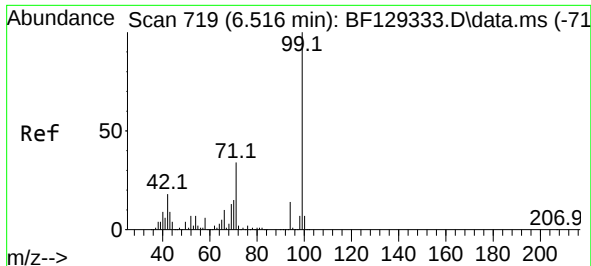


#5
2-Fluorophenol
Concen: 99.581 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32



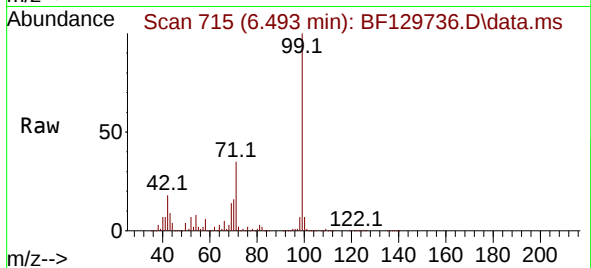
Tgt Ion:112 Resp: 779774
Ion Ratio Lower Upper
112 100
64 61.7 53.3 79.9
63 32.0 28.0 42.0



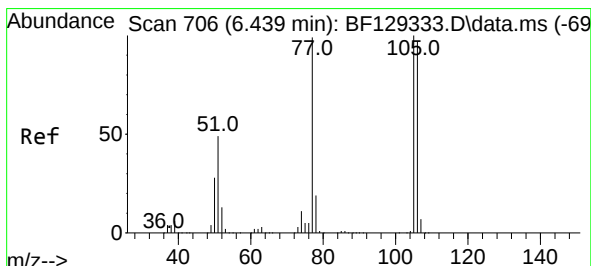
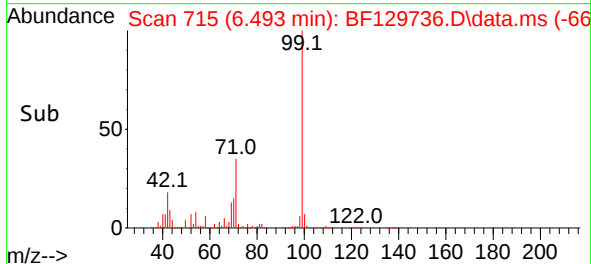
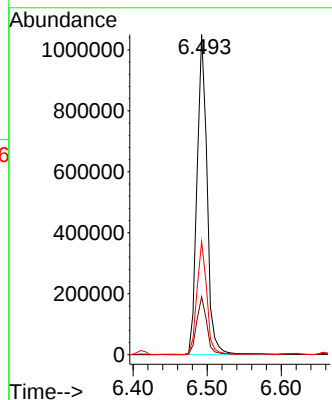


#7
Phenol-d6
Concen: 100.336 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Instrument :
BNA_F
ClientSampleId :

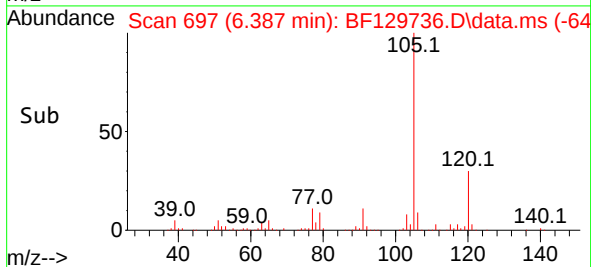
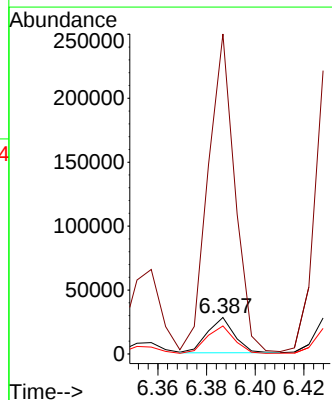
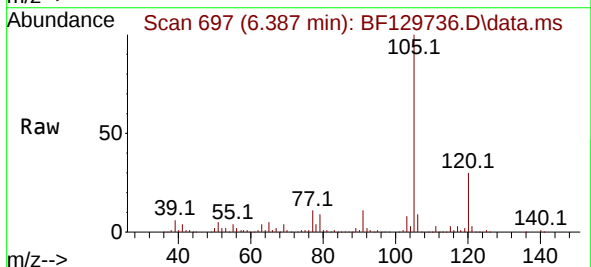


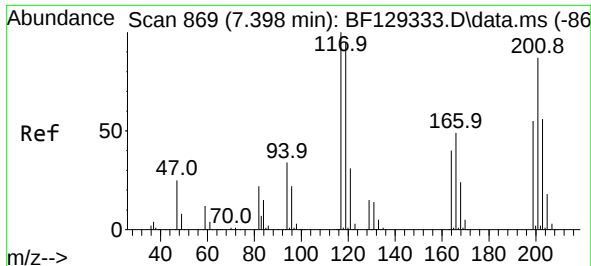
Tgt Ion: 99 Resp: 987556
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 35.3 28.9 43.3



#9
Benzaldehyde
Concen: 3.193 ng
RT: 6.387 min Scan# 697
Delta R.T. -0.006 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Tgt Ion: 77 Resp: 21341
Ion Ratio Lower Upper
77 100
105 876.2 81.6 121.6#
106 76.6 76.1 116.1

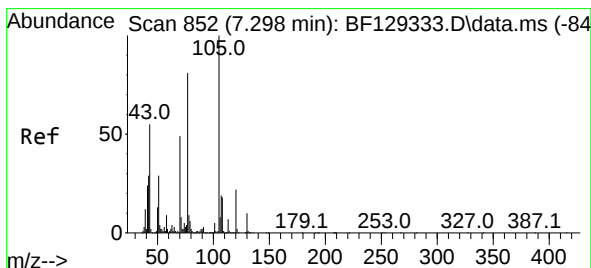
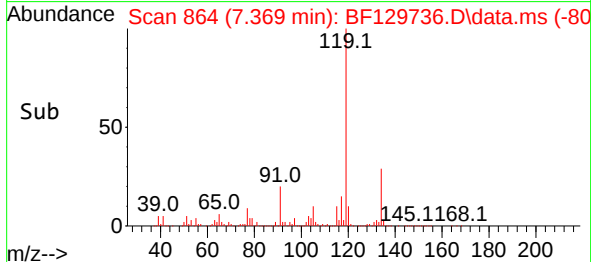
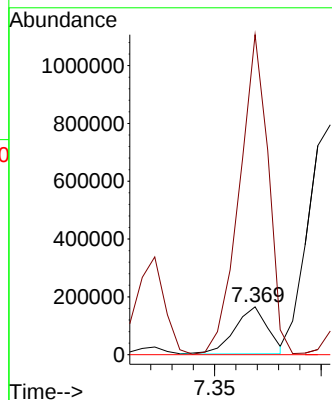
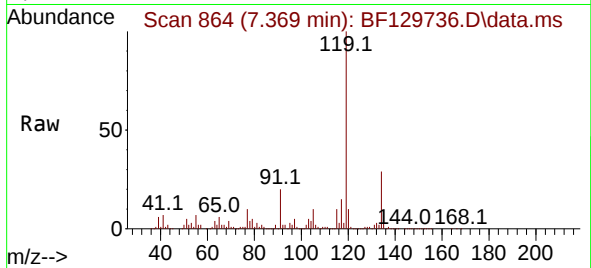




#18
Hexachloroethane
Concen: 49.790 ng
RT: 7.369 min Scan# 80
Delta R.T. 0.023 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

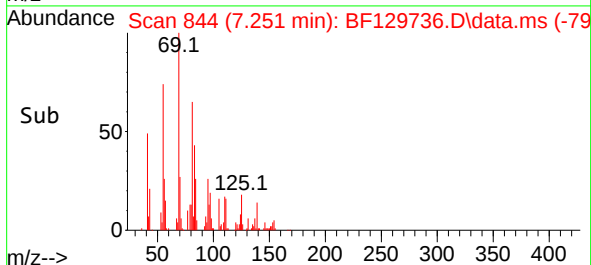
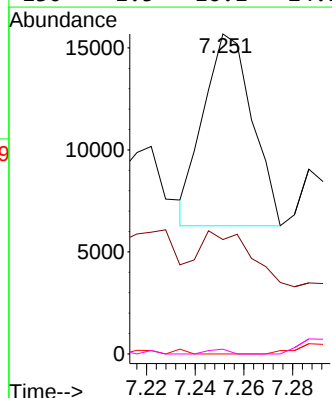
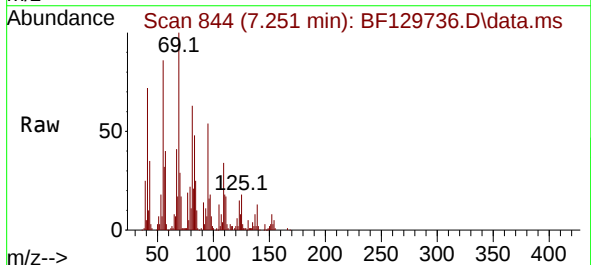
Instrument :
BNA_F
ClientSampleId :

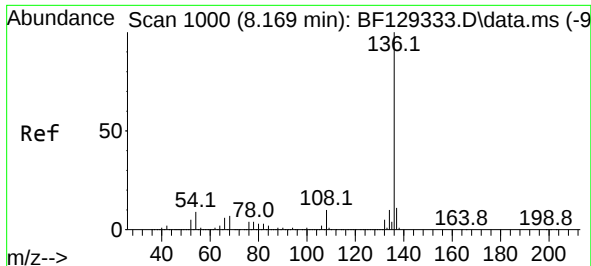
Tgt Ion:117 Resp: 174942
Ion Ratio Lower Upper
117 100
119 669.1 77.4 116.2#
201 0.0 84.6 127.0#



#19
n-Nitroso-di-n-propylamine
Concen: 2.192 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

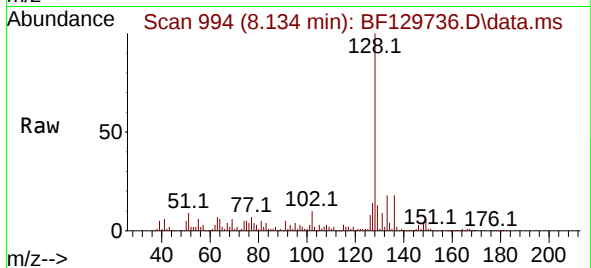
Tgt Ion: 70 Resp: 13062
Ion Ratio Lower Upper
70 100
42 35.8 52.3 78.5#
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#



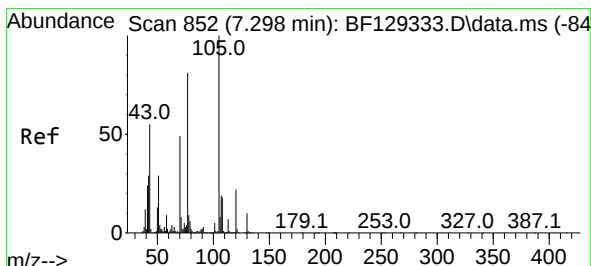
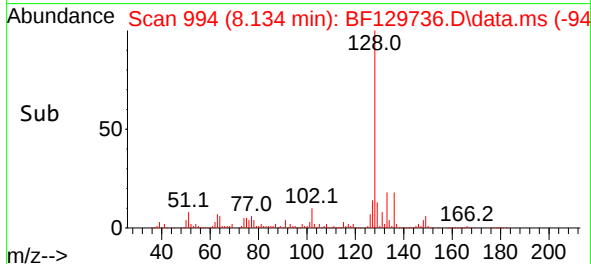
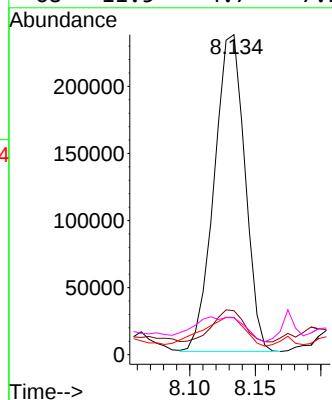


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Instrument :
BNA_F
ClientSampleId :

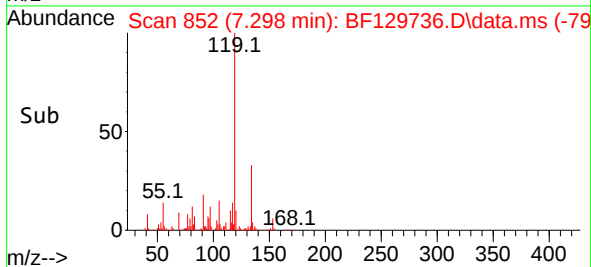
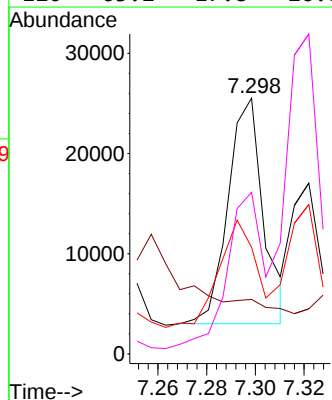
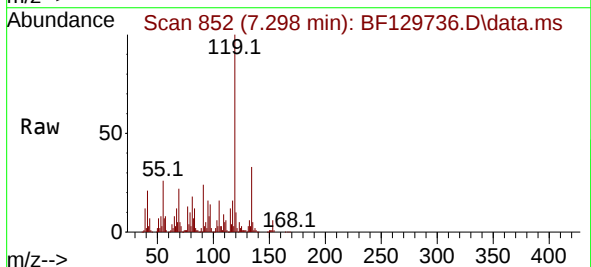


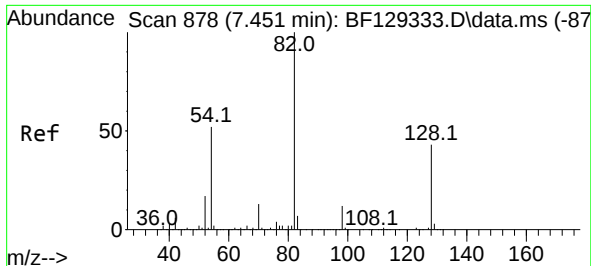
Tgt Ion:136 Resp: 384545
Ion Ratio Lower Upper
136 100
137 13.7 8.8 13.2#
54 11.7 7.5 11.3#
68 11.5 4.7 7.1#



#22
Acetophenone
Concen: 2.538 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.047 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Tgt Ion:105 Resp: 22723
Ion Ratio Lower Upper
105 100
71 21.3 5.0 7.4#
51 41.7 25.0 37.4#
120 63.2 17.8 26.8#





#23

Nitrobenzene-d5

Concen: 80.382 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :

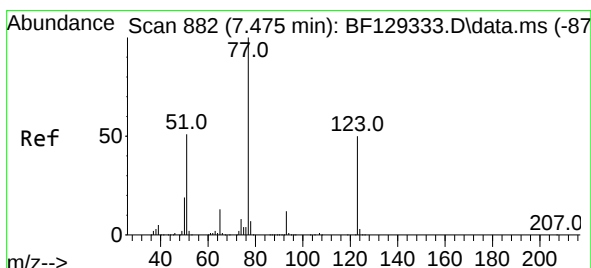
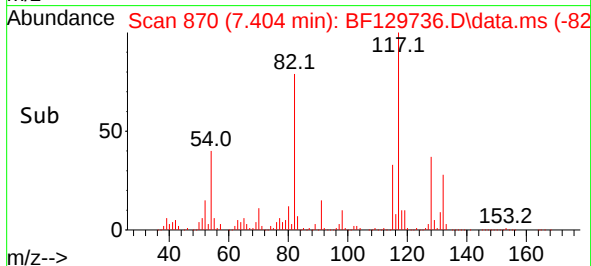
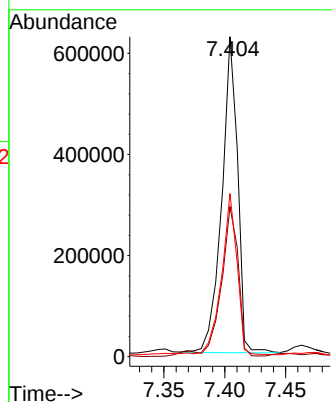
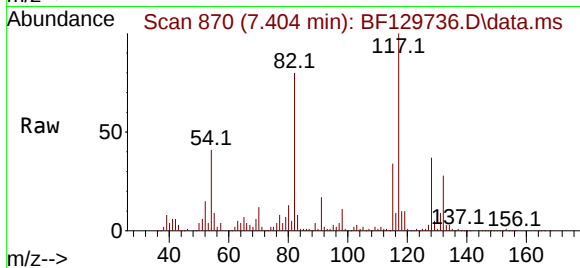
Tgt Ion: 82 Resp: 566247

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

54 51.0 46.9 70.3



#24

Nitrobenzene

Concen: 7.406 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.024 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

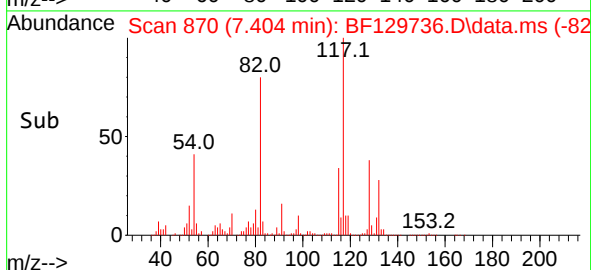
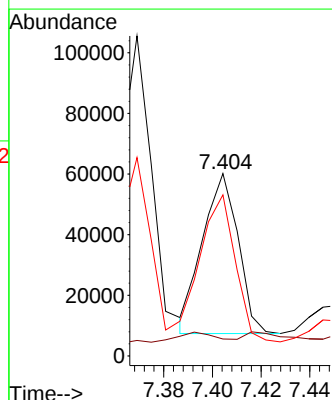
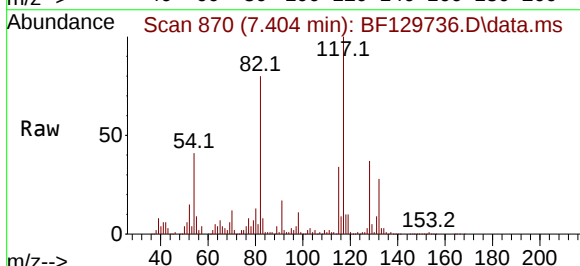
Tgt Ion: 77 Resp: 53726

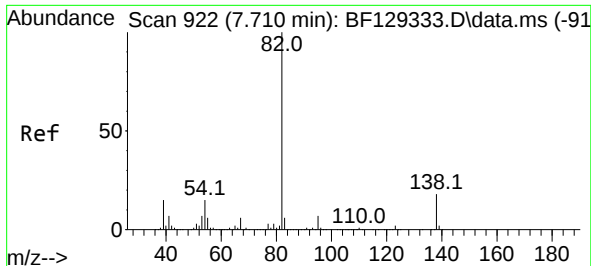
Ion Ratio Lower Upper

77 100

123 9.3 35.4 53.2#

65 88.3 11.8 17.8#

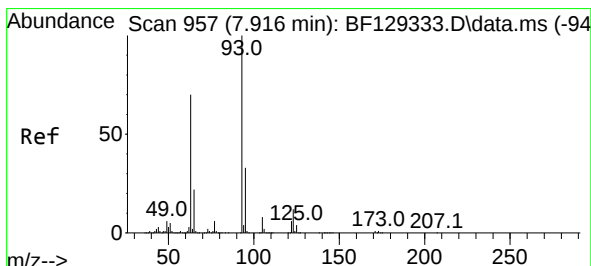
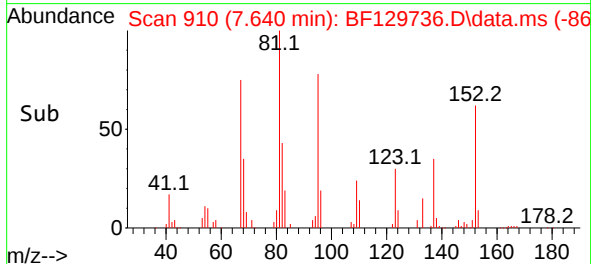
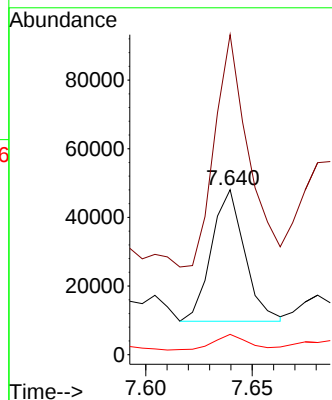
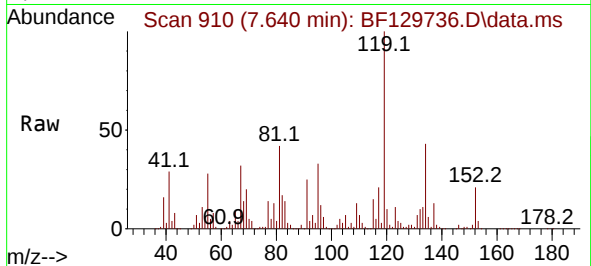




#25
Isophorone
Concen: 3.302 ng
RT: 7.640 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

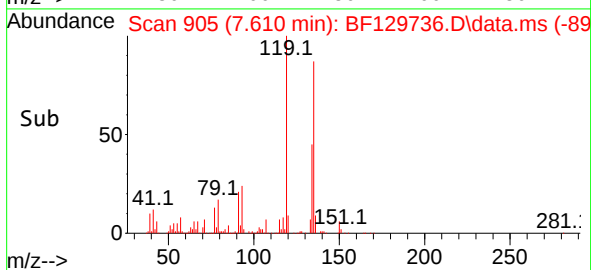
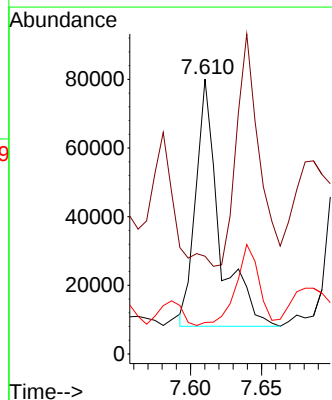
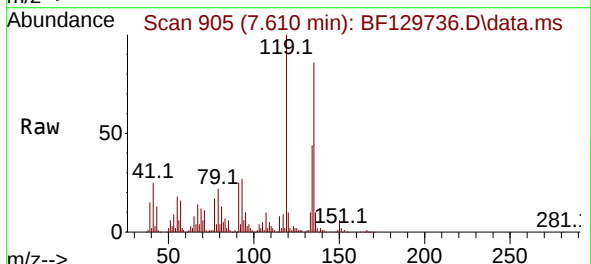
Instrument :
BNA_F
ClientSampleId :

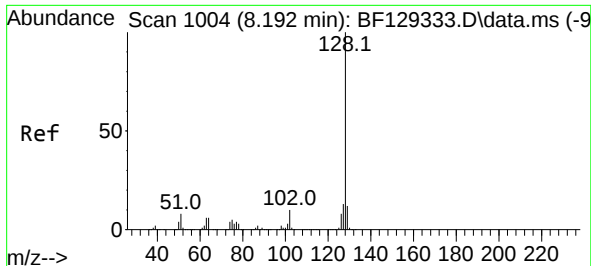
Tgt Ion: 82 Resp: 41698
Ion Ratio Lower Upper
82 100
95 194.0 5.7 8.5#
138 12.3 14.2 21.2#



#28
bis(2-Chloroethoxy)methane
Concen: 11.395 ng
RT: 7.610 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Tgt Ion: 93 Resp: 83469
Ion Ratio Lower Upper
93 100
95 35.5 26.8 40.2
123 11.5 9.2 13.8

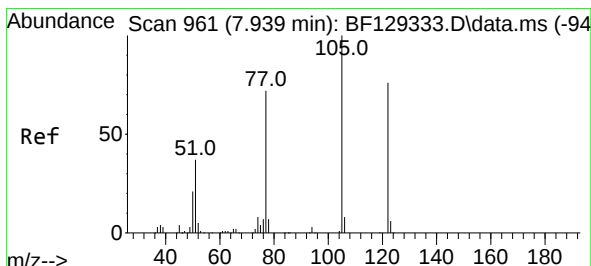
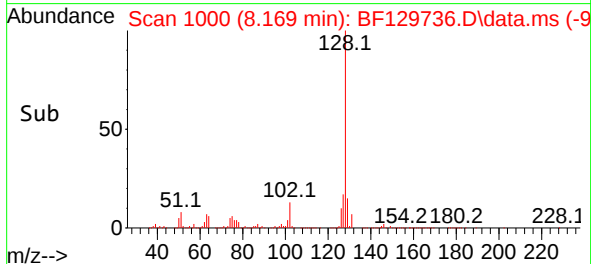
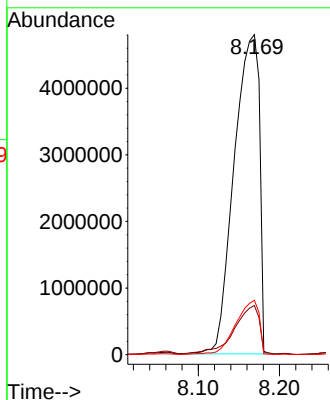
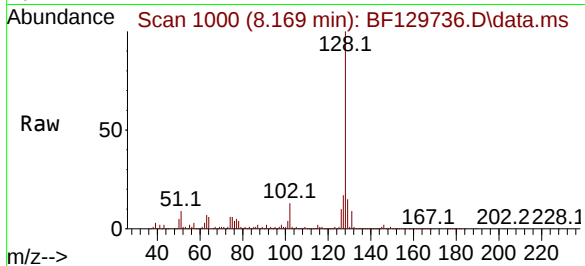




#31
Naphthalene
Concen: 530.538 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.023 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

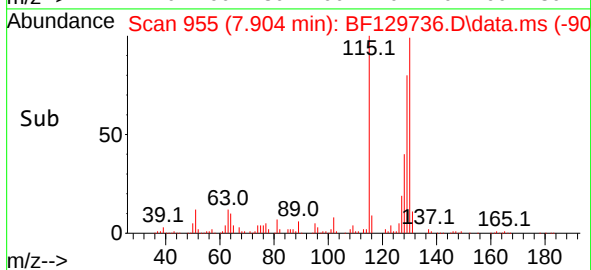
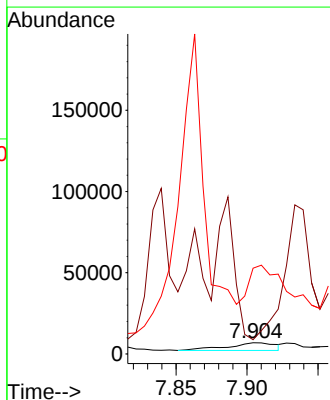
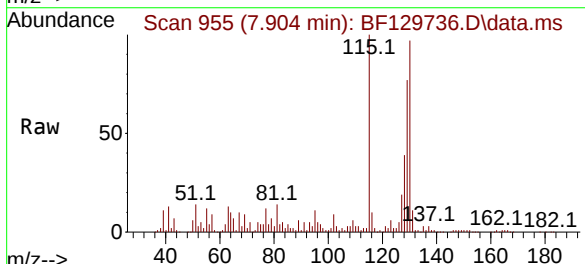
Instrument :
BNA_F
ClientSampleId :

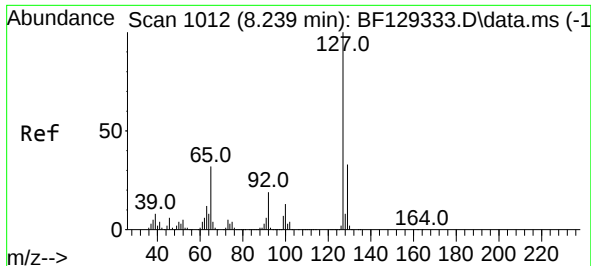
Tgt Ion:128 Resp:10365242
Ion Ratio Lower Upper
128 100
129 15.4 9.2 13.8#
127 17.0 10.5 15.7#



#32
Benzoic acid
Concen: 2.837 ng
RT: 7.904 min Scan# 955
Delta R.T. -0.012 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

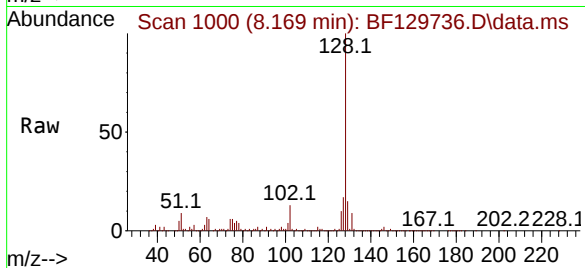
Tgt Ion:122 Resp: 11010
Ion Ratio Lower Upper
122 100
105 127.2 107.1 147.1
77 770.5 74.2 114.2#



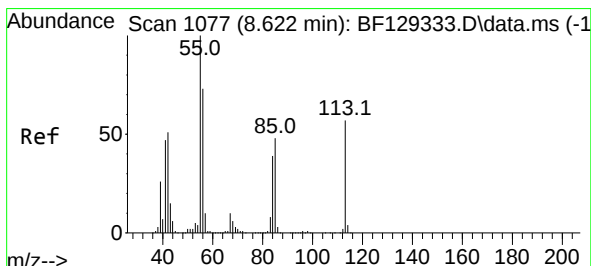
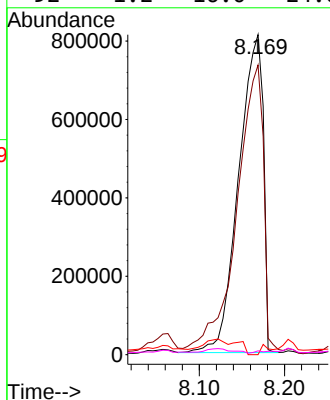
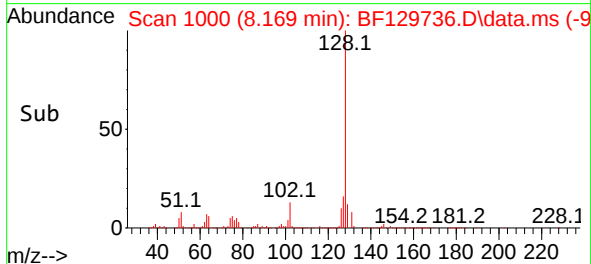


#33
4-Chloroaniline
Concen: 201.785 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.029 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Instrument :
BNA_F
ClientSampleId :

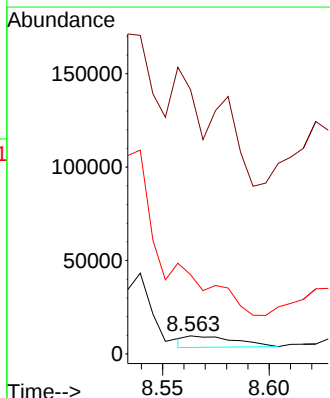
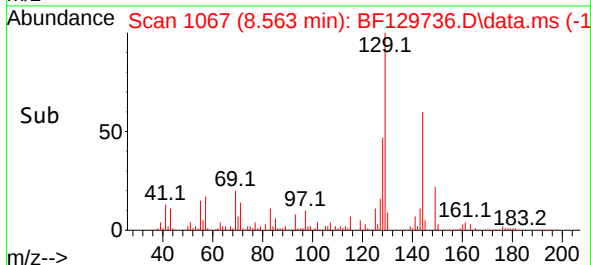
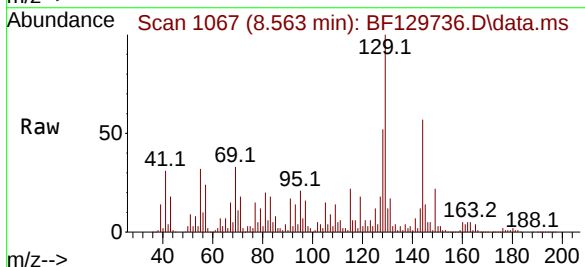


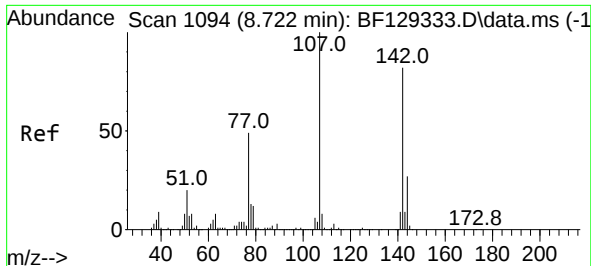
Tgt Ion:127 Resp: 1618546
Ion Ratio Lower Upper
127 100
129 90.5 26.4 39.6#
65 0.0 26.4 39.6#
92 1.2 16.0 24.0#



#35
Caprolactam
Concen: 5.492 ng
RT: 8.563 min Scan# 1067
Delta R.T. -0.018 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

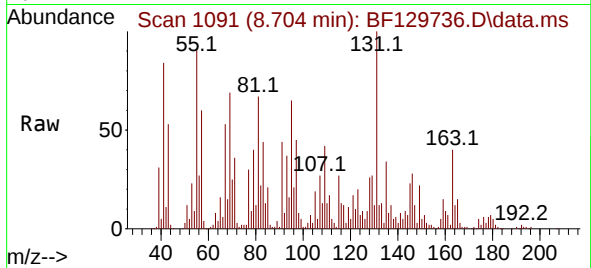
Tgt Ion:113 Resp: 9893
Ion Ratio Lower Upper
113 100
55 1465.5 188.5 228.5#
56 439.9 130.6 170.6#



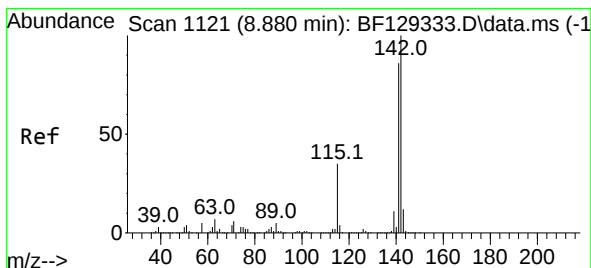
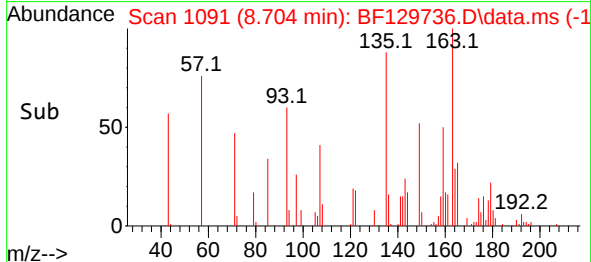
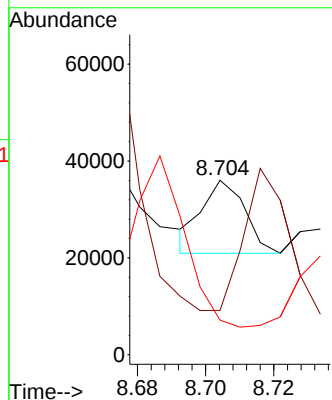


#36
 4-Chloro-3-methylphenol
 Concen: 2.223 ng
 RT: 8.704 min Scan# 1109
 Delta R.T. 0.012 min
 Lab File: BF129736.D
 Acq: 12 Aug 2022 02:32

Instrument :
 BNA_F
 ClientSampleId :

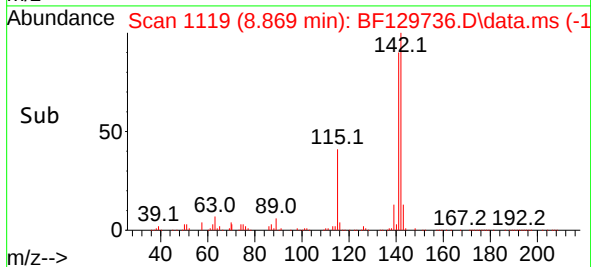
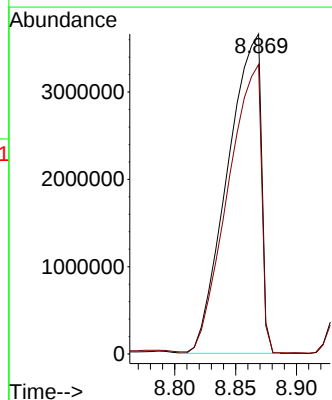
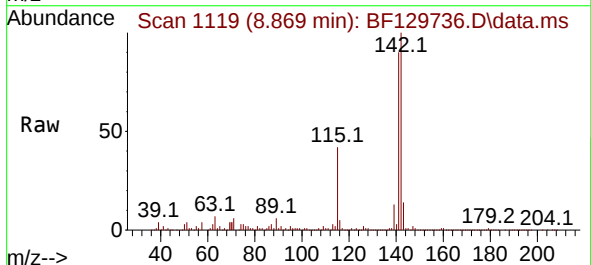


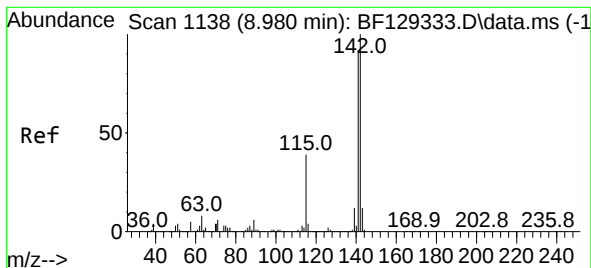
Tgt Ion:107 Resp: 13064
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.5 29.3
 142 19.8 58.2 87.4#



#37
 2-Methylnaphthalene
 Concen: 555.438 ng
 RT: 8.869 min Scan# 1119
 Delta R.T. 0.035 min
 Lab File: BF129736.D
 Acq: 12 Aug 2022 02:32

Tgt Ion:142 Resp: 7052072
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.4





#38

1-Methylnaphthalene

Concen: 557.650 ng

RT: 8.969 min Scan# 1136

Delta R.T. 0.035 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

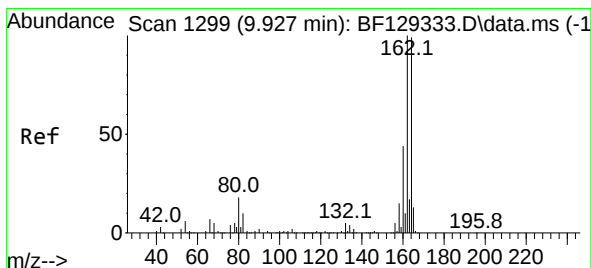
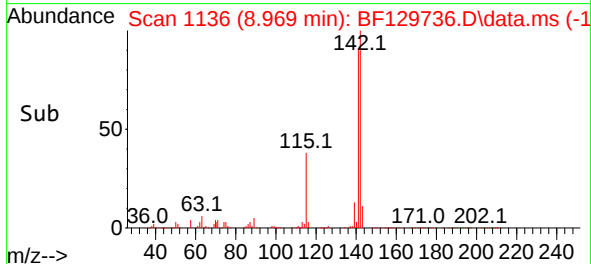
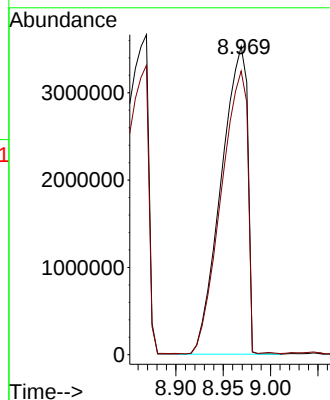
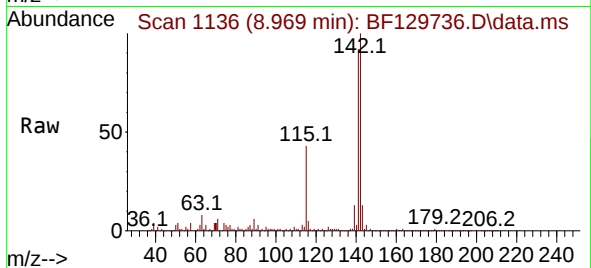
ClientSampleId :

Tgt Ion:142 Resp: 6834803

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.012 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

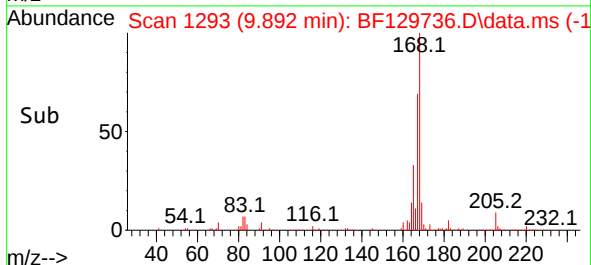
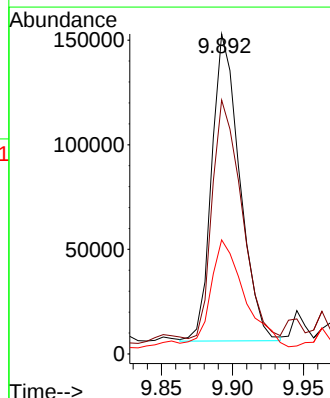
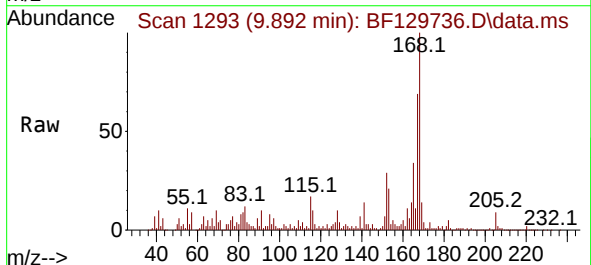
Tgt Ion:164 Resp: 201669

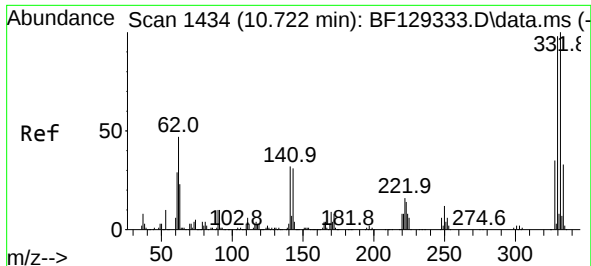
Ion Ratio Lower Upper

164 100

162 79.3 79.5 119.3#

160 35.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.547 ng

RT: 10.692 min Scan# 1434

Delta R.T. 0.018 min

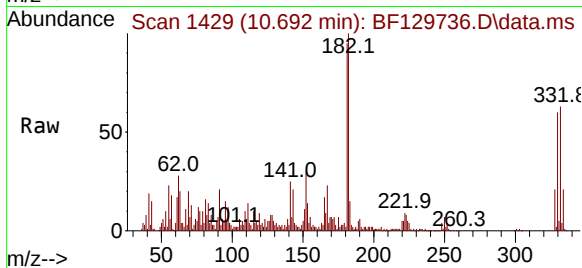
Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :



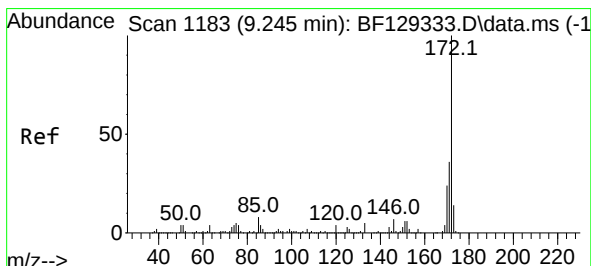
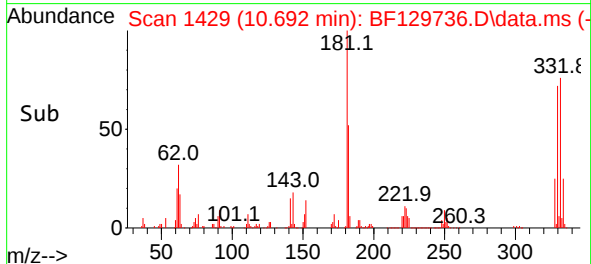
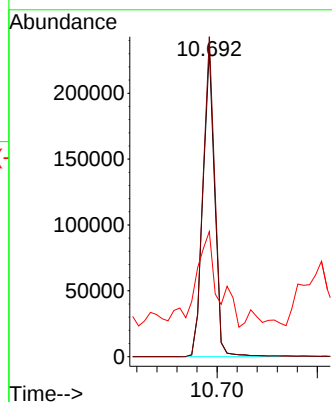
Tgt Ion:330 Resp: 191073

Ion Ratio Lower Upper

330 100

332 104.8 76.8 115.2

141 53.1 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 70.407 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

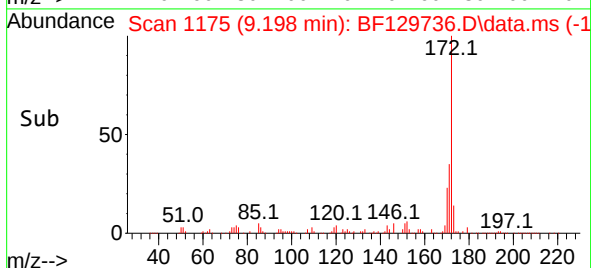
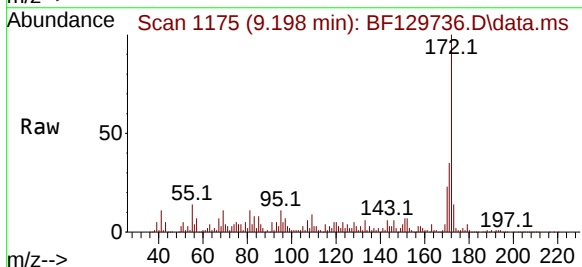
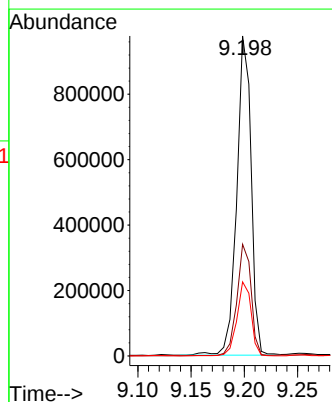
Tgt Ion:172 Resp: 917863

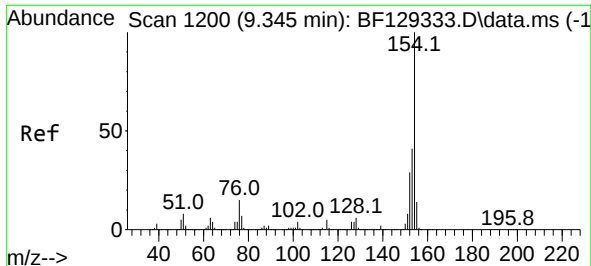
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.2 19.8 29.8

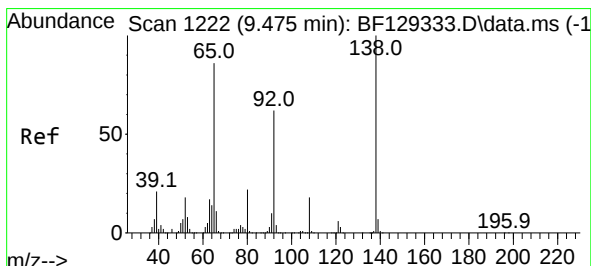
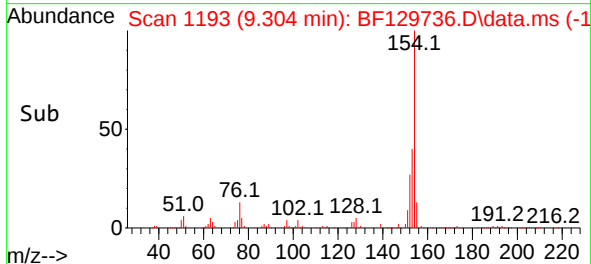
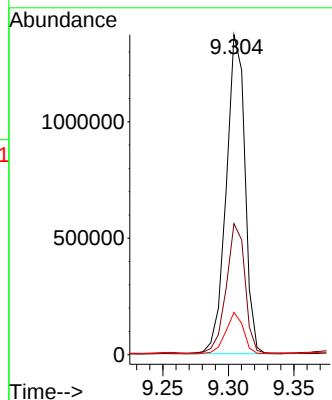
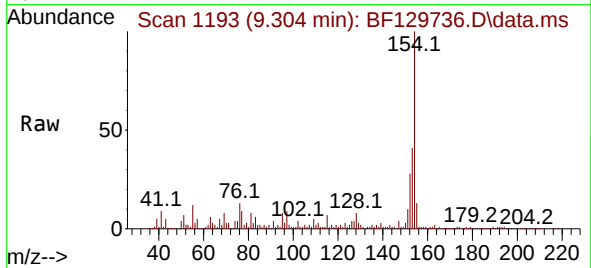




#46
1,1'-Biphenyl
Concen: 92.366 ng
RT: 9.304 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

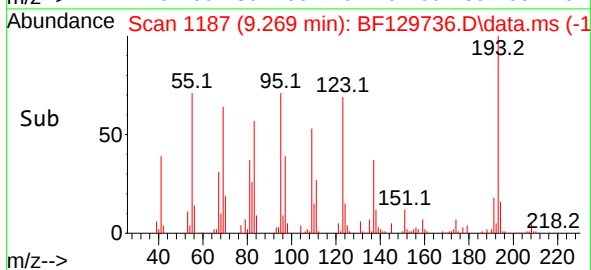
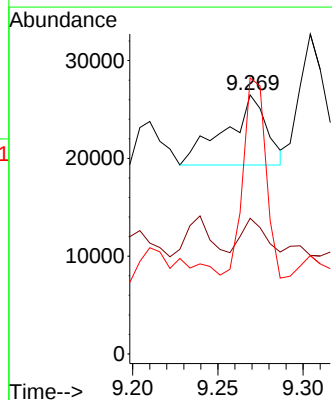
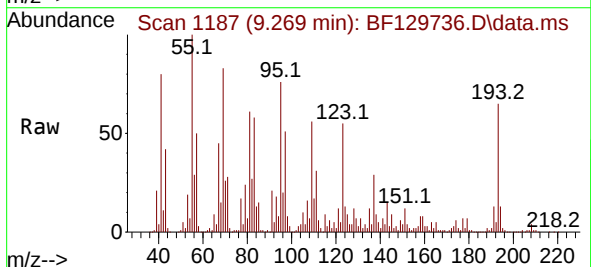
Instrument :
BNA_F
ClientSampleId :

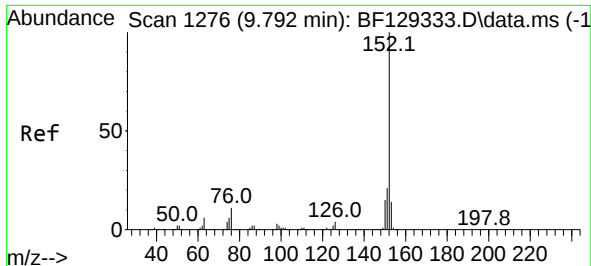
Tgt Ion:154 Resp: 1359417
Ion Ratio Lower Upper
154 100
153 40.9 20.6 60.6
76 13.2 0.0 33.3



#48
2-Nitroaniline
Concen: 3.065 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.159 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Tgt Ion: 65 Resp: 12126
Ion Ratio Lower Upper
65 100
92 52.4 51.9 77.9
138 106.6 76.4 114.6





#49

Acenaphthylene

Concen: 48.261 ng

RT: 9.763 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :

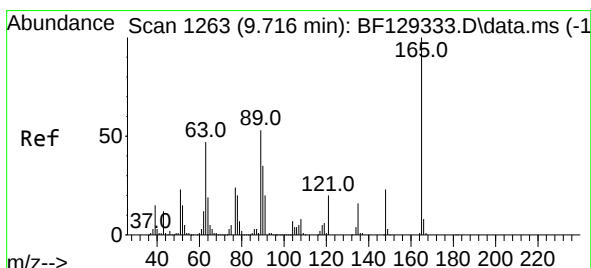
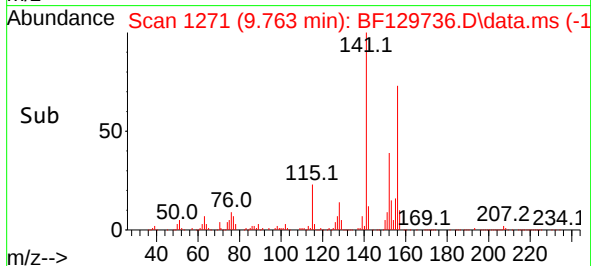
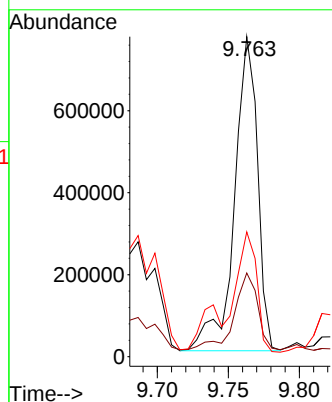
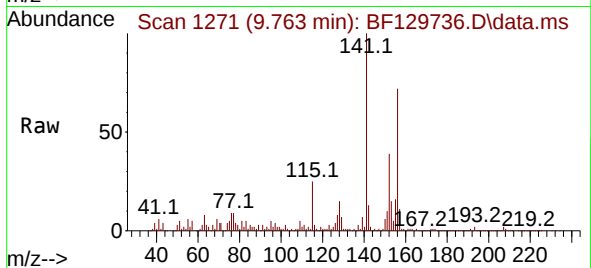
Tgt Ion:152 Resp: 872498

Ion Ratio Lower Upper

152 100

151 26.2 16.2 24.4#

153 39.0 10.7 16.1#



#51

2,6-Dinitrotoluene

Concen: 8.023 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.065 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

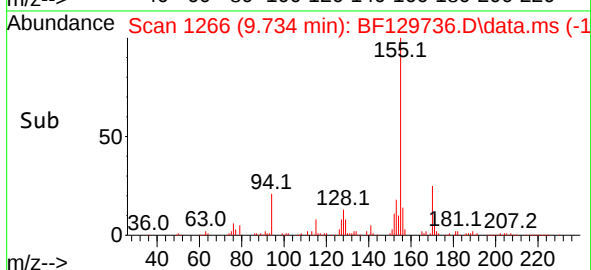
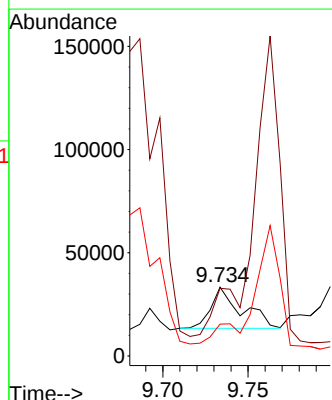
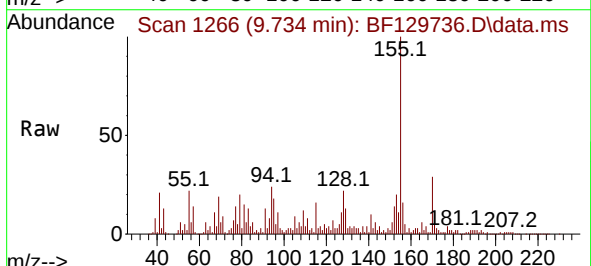
Tgt Ion:165 Resp: 25001

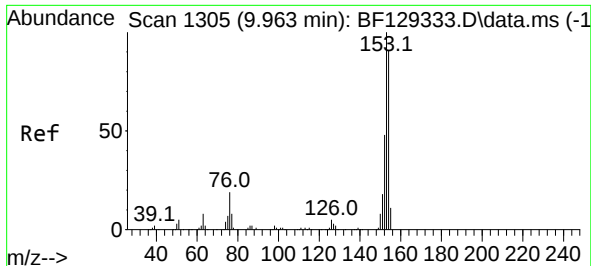
Ion Ratio Lower Upper

165 100

63 98.4 44.9 67.3#

89 46.3 43.6 65.4





#52

Acenaphthene

Concen: 574.152 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :

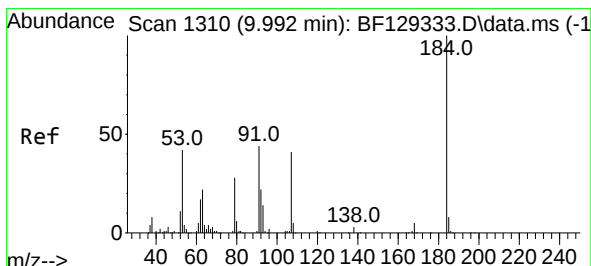
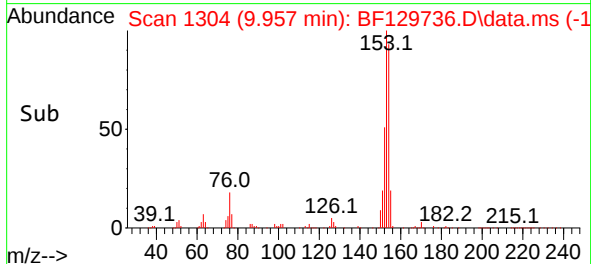
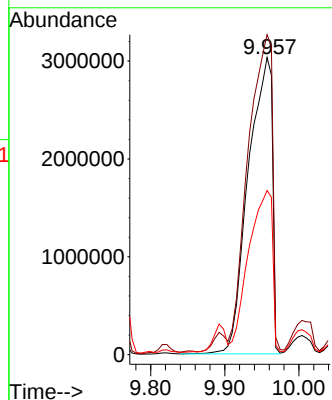
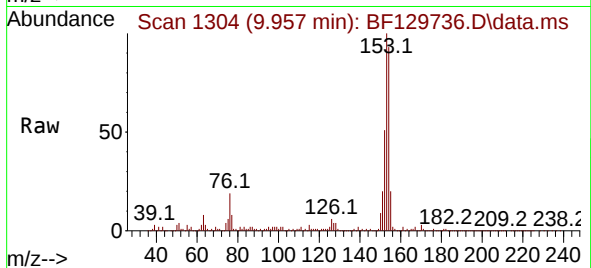
Tgt Ion:154 Resp: 6779603

Ion Ratio Lower Upper

154 100

153 107.7 89.6 134.4

152 55.2 42.4 63.6



#54

2,4-Dinitrophenol

Concen: 4.958 ng

RT: 9.975 min Scan# 1307

Delta R.T. 0.018 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

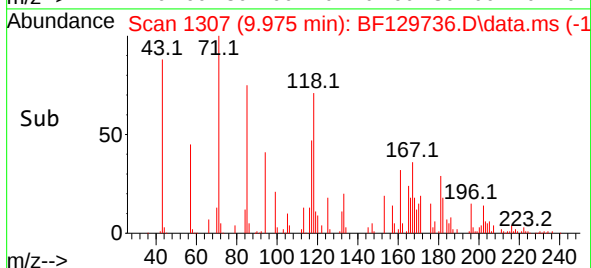
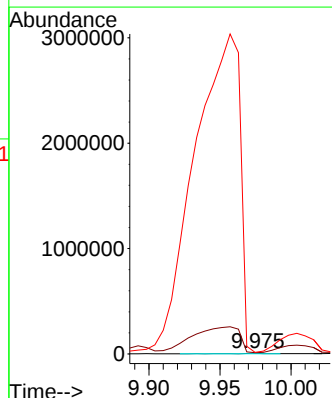
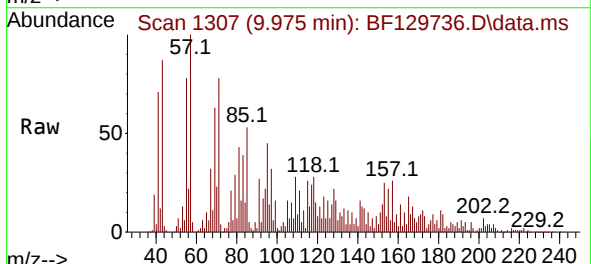
Tgt Ion:184 Resp: 7886

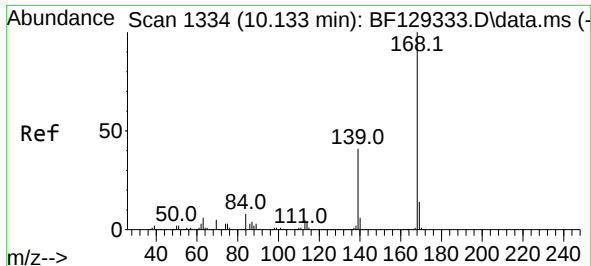
Ion Ratio Lower Upper

184 100

63 203.3 64.5 96.7#

154 247.4 50.6 75.8#

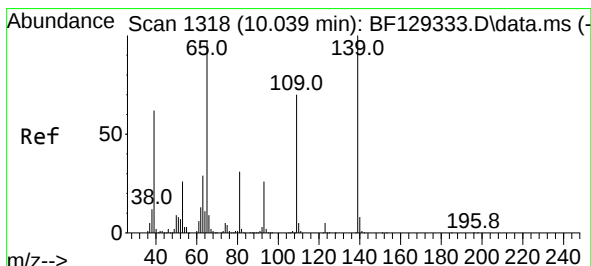
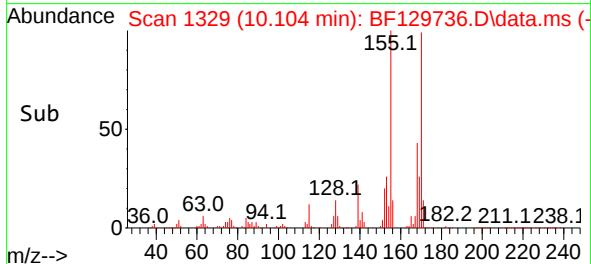
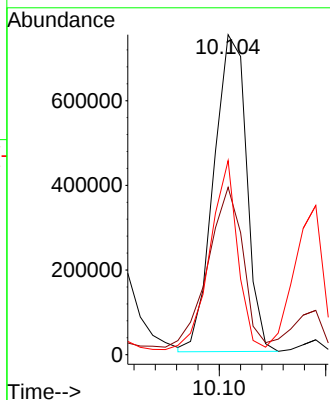
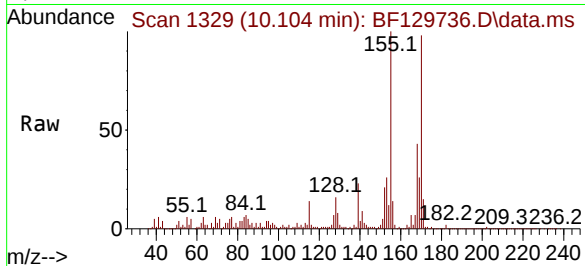




#55
Dibenzenofuran
Concen: 49.266 ng
RT: 10.104 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

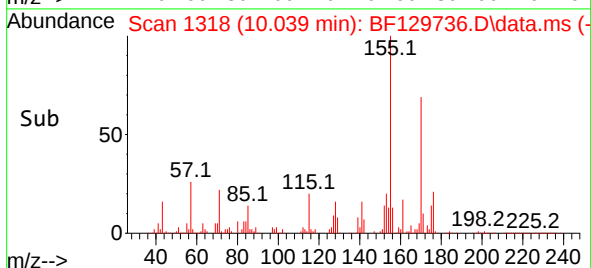
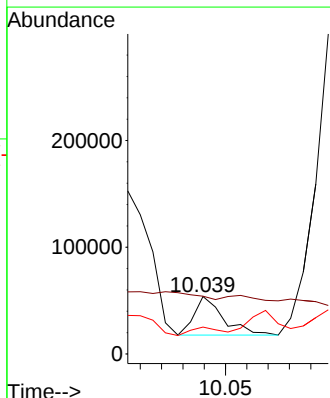
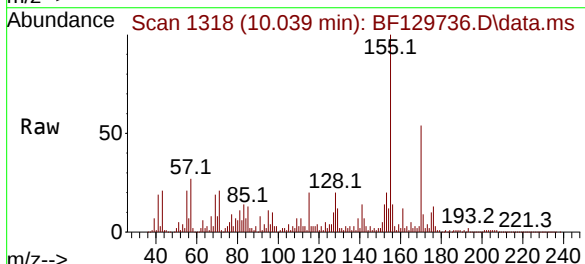
Instrument :
BNA_F
ClientSampleId :

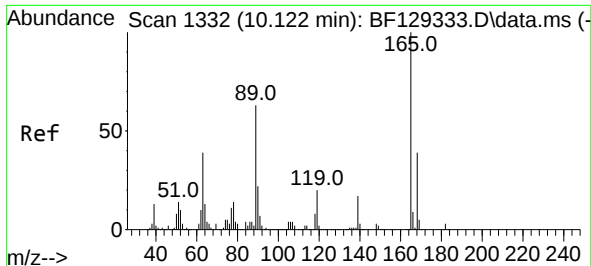
Tgt Ion:168 Resp: 801926
Ion Ratio Lower Upper
168 100
139 52.3 30.6 46.0#
169 60.7 11.0 16.6#



#56
4-Nitrophenol
Concen: 12.734 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.012 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

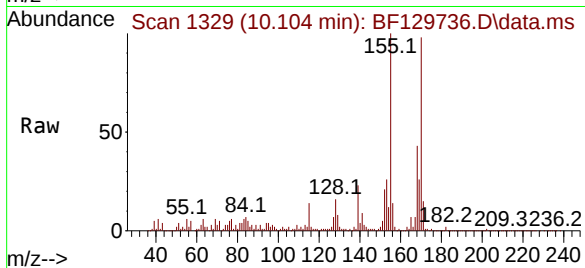
Tgt Ion:139 Resp: 34568
Ion Ratio Lower Upper
139 100
109 100.5 50.7 90.7#
65 46.8 74.5 114.5#



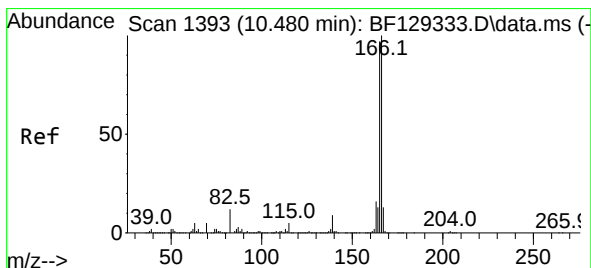
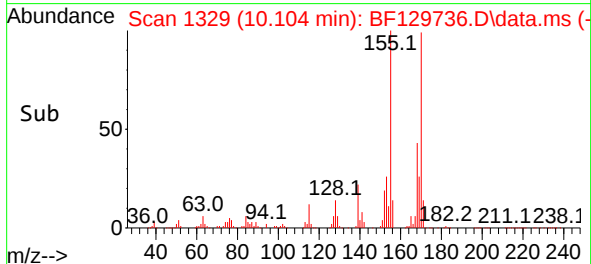
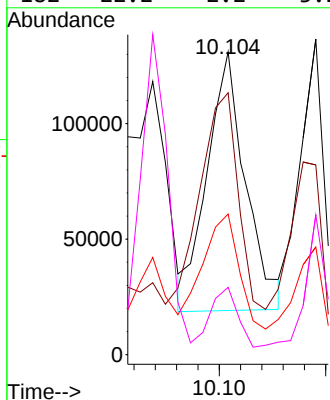


#57
2,4-Dinitrotoluene
Concen: 34.484 ng
RT: 10.104 min Scan# 1
Delta R.T. 0.024 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Instrument :
BNA_F
ClientSampleId :

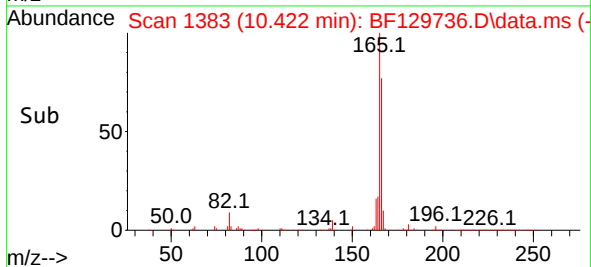
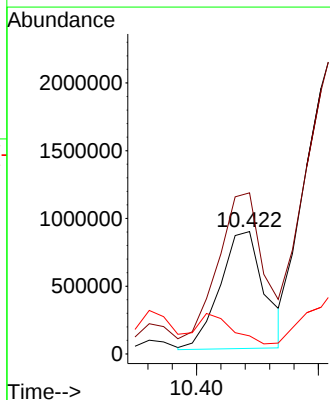
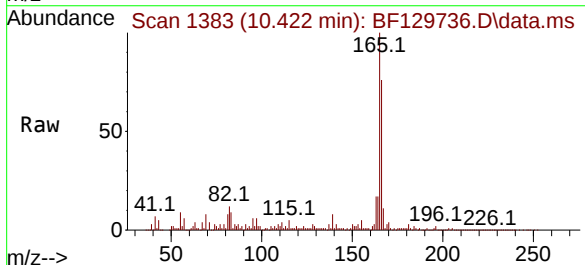


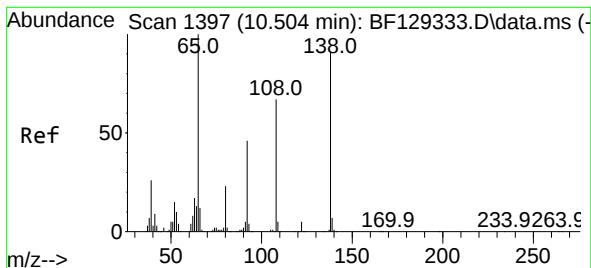
Tgt Ion:165 Resp: 140371
Ion Ratio Lower Upper
165 100
63 86.5 39.8 59.6#
89 46.4 60.2 90.2#
182 22.2 2.2 3.2#



#58
Fluorene
Concen: 84.512 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Tgt Ion:166 Resp: 1100688
Ion Ratio Lower Upper
166 100
165 131.5 78.1 117.1#
167 14.8 10.5 15.7

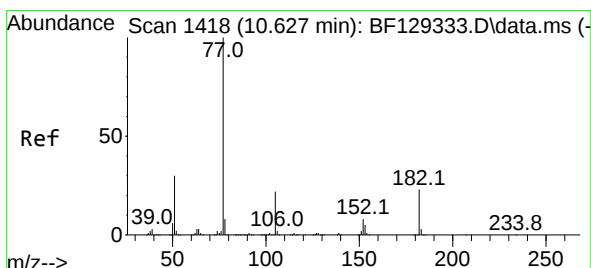
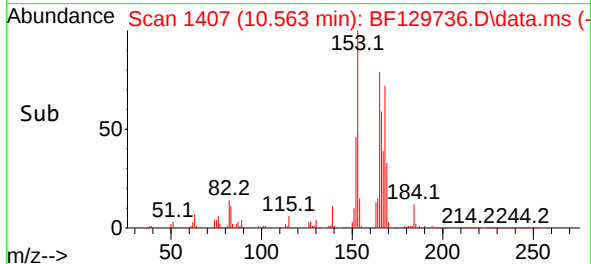
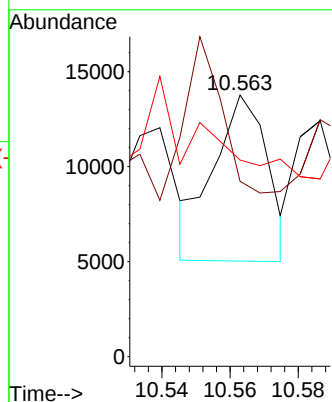
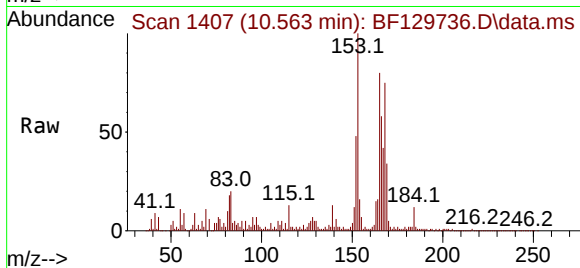




#62
4-Nitroaniline
Concen: 2.627 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.100 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

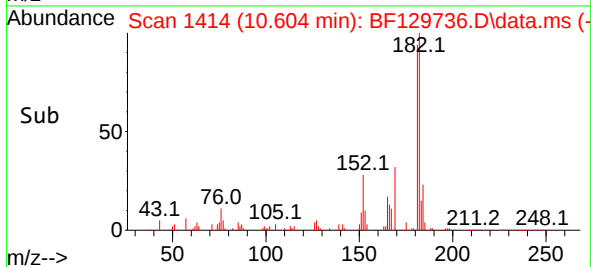
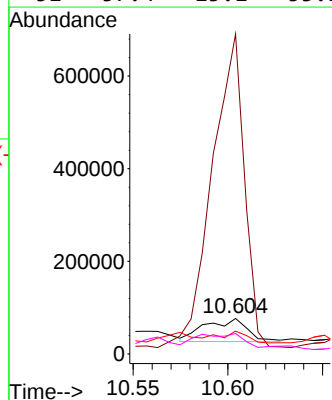
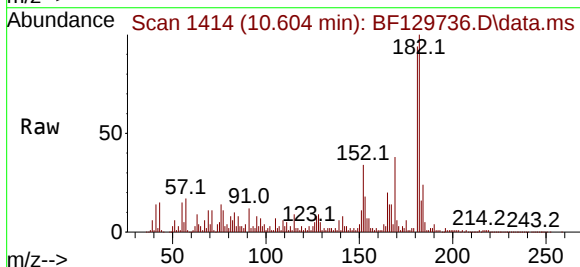
Instrument :
BNA_F
ClientSampleId :

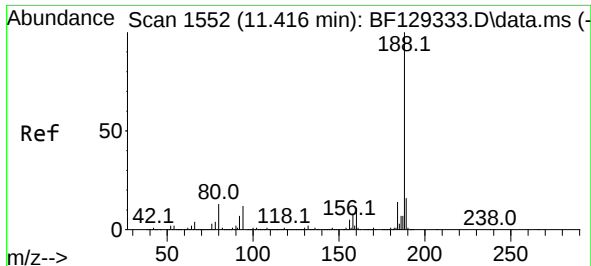
Tgt Ion:138 Resp: 9587
Ion Ratio Lower Upper
138 100
92 67.0 33.5 73.5
108 75.2 61.0 101.0



#63
Azobenzene
Concen: 5.662 ng
RT: 10.604 min Scan# 1414
Delta R.T. 0.024 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Tgt Ion: 77 Resp: 77725
Ion Ratio Lower Upper
77 100
182 899.3 5.6 45.6#
105 64.2 1.6 41.6#
51 57.4 15.1 55.1#

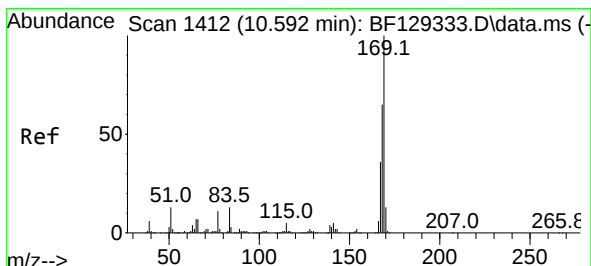
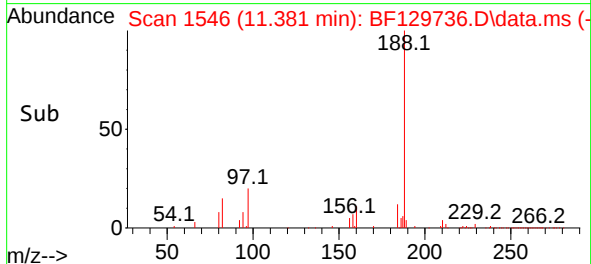
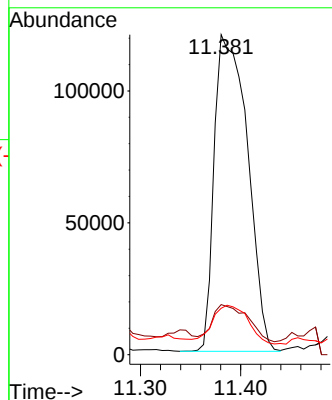
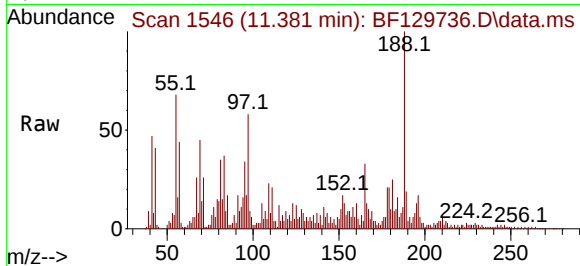




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

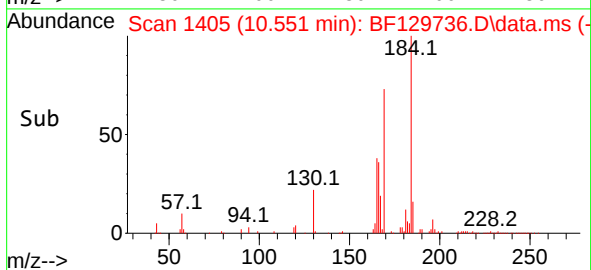
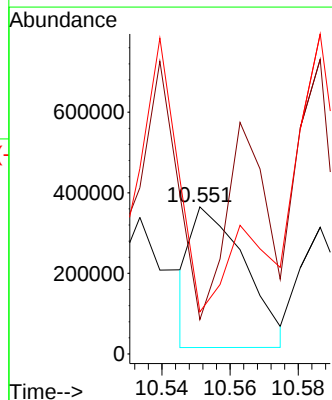
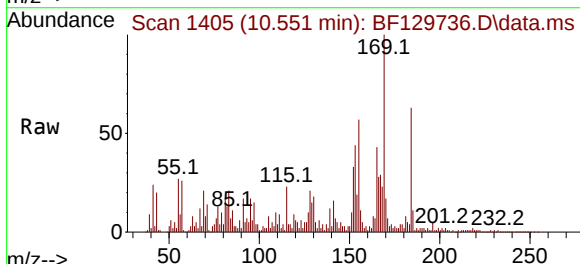
Instrument :
BNA_F
ClientSampleId :

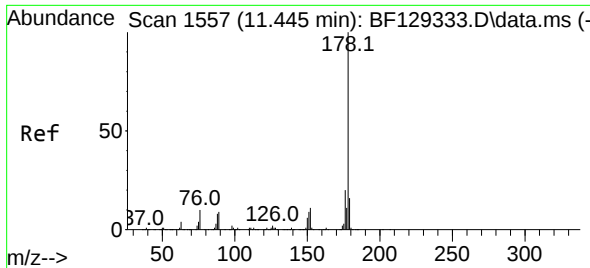
Tgt Ion:188 Resp: 275832
Ion Ratio Lower Upper
188 100
94 15.7 7.0 10.6#
80 14.5 7.6 11.4#



#66
n-Nitrosodiphenylamine
Concen: 41.222 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.012 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Tgt Ion:169 Resp: 378659
Ion Ratio Lower Upper
169 100
168 23.4 50.1 75.1#
167 28.6 27.9 41.9

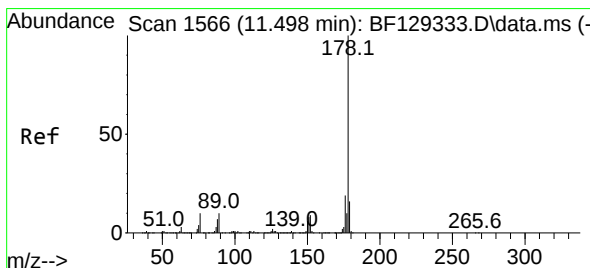
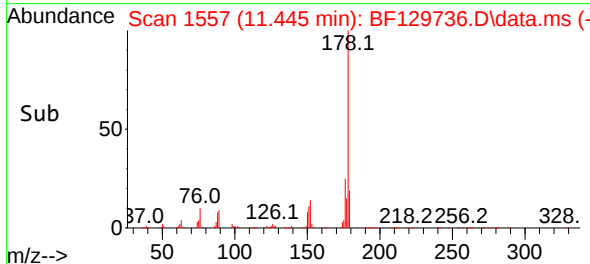
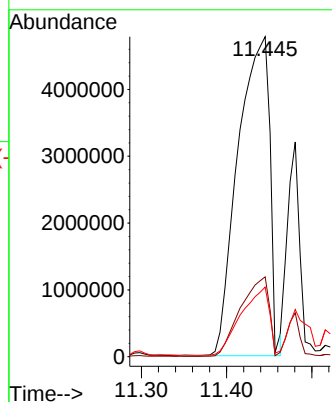
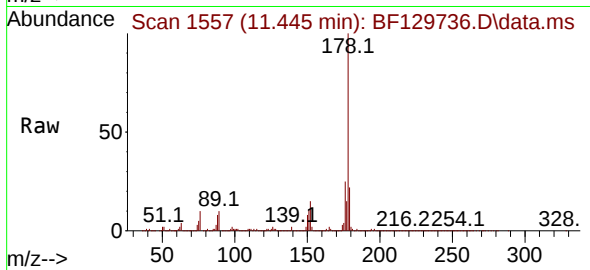




#71
Phenanthrene
Concen: 821.192 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.047 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

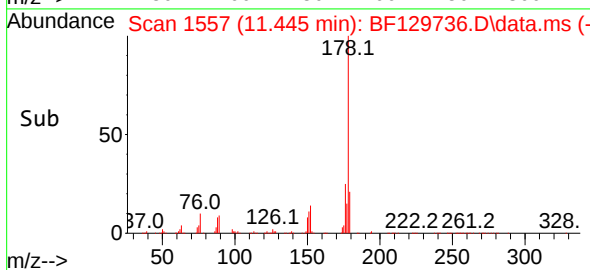
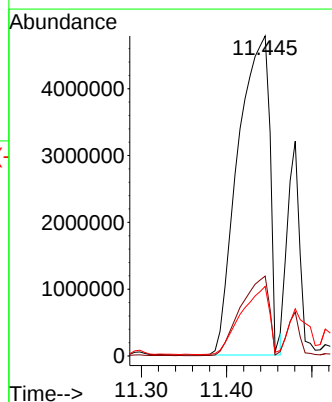
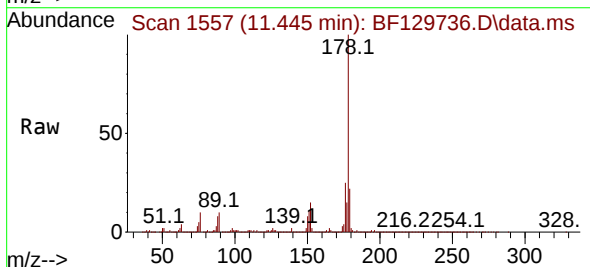
Instrument :
BNA_F
ClientSampleId :

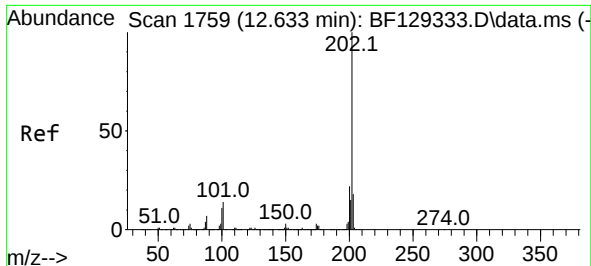
Tgt Ion:178 Resp:12364632
Ion Ratio Lower Upper
178 100
176 24.9 16.0 24.0#
179 21.8 12.6 19.0#



#72
Anthracene
Concen: 835.642 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Tgt Ion:178 Resp:12364632
Ion Ratio Lower Upper
178 100
176 24.9 15.4 23.2#
179 21.8 12.6 19.0#

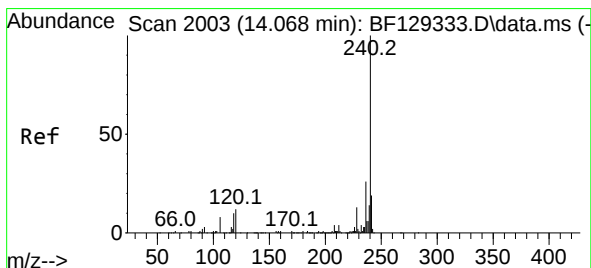
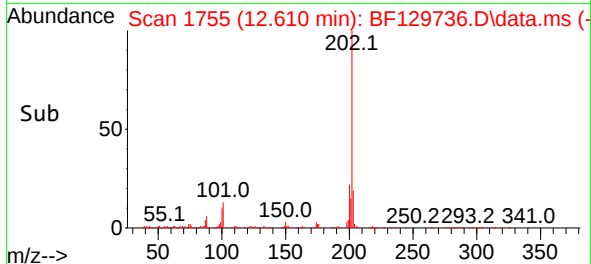
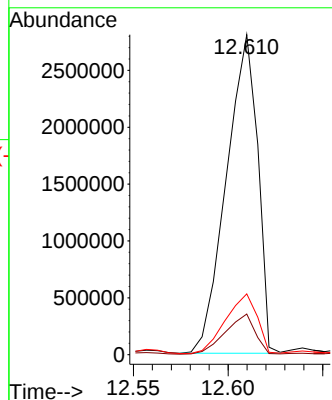
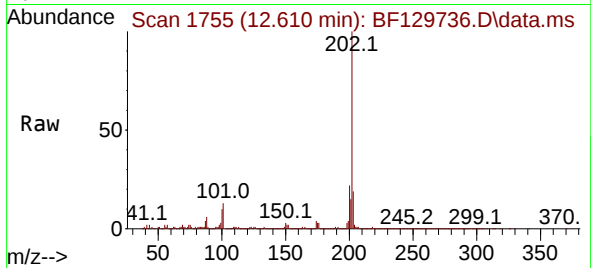




#75
Fluoranthene
Concen: 211.226 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

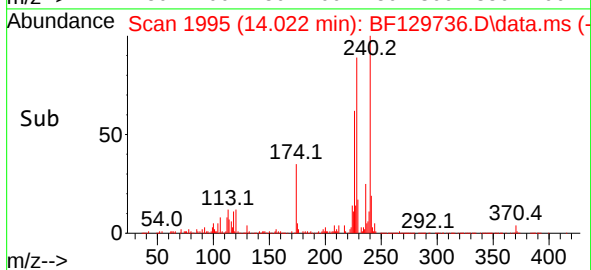
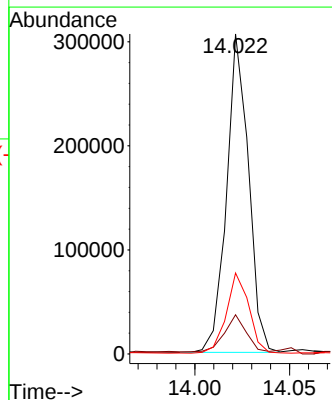
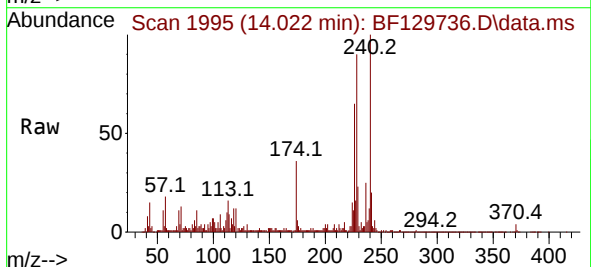
Instrument :
BNA_F
ClientSampleId :

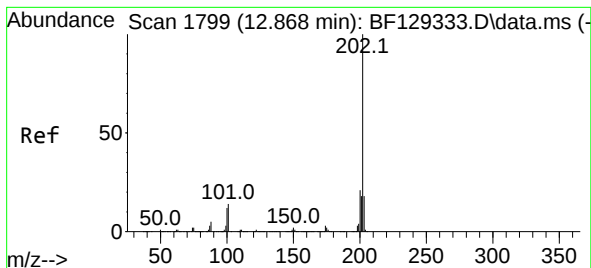
Tgt Ion:202 Resp: 3222482
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 19.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BF129736.D
Acq: 12 Aug 2022 02:32

Tgt Ion:240 Resp: 245302
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.3 20.8 31.2





#78

Pyrene

Concen: 232.584 ng

RT: 12.845 min Scan# 11

Delta R.T. 0.029 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :

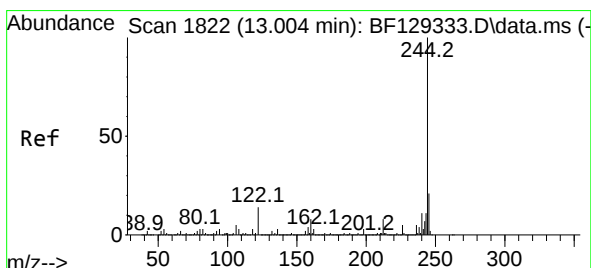
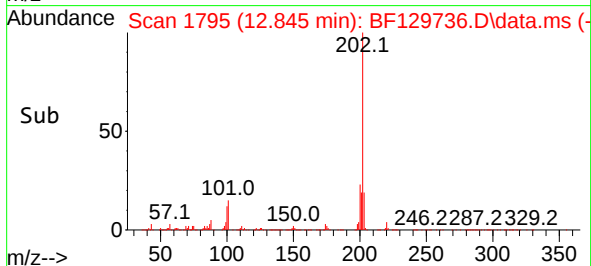
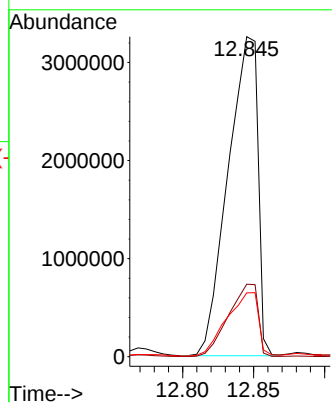
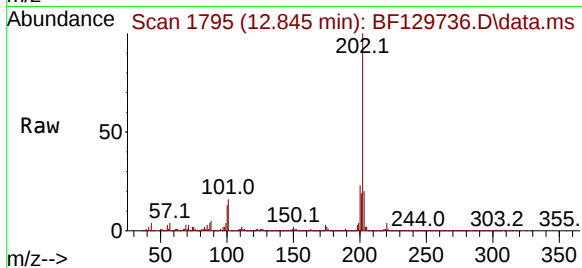
Tgt Ion:202 Resp: 4770959

Ion Ratio Lower Upper

202 100

200 22.7 17.7 26.5

203 20.0 14.6 21.8



#79

Terphenyl-d14

Concen: 75.828 ng

RT: 12.963 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

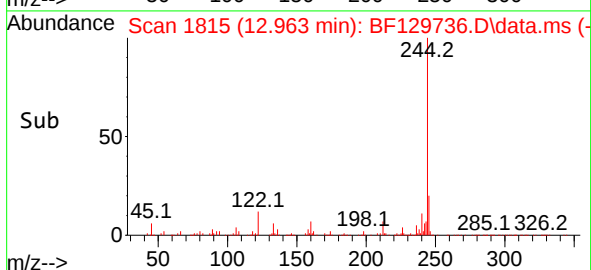
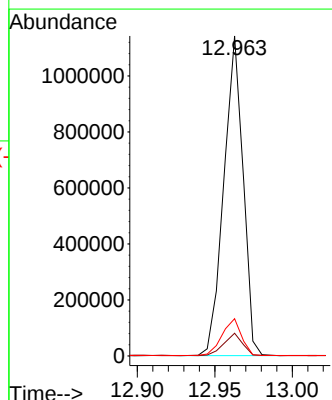
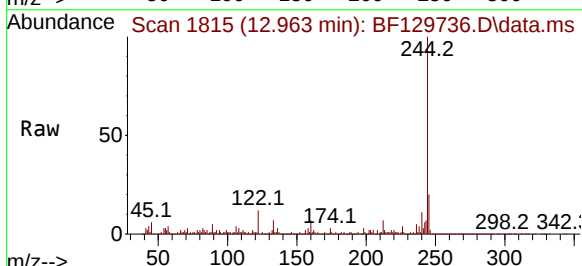
Tgt Ion:244 Resp: 985947

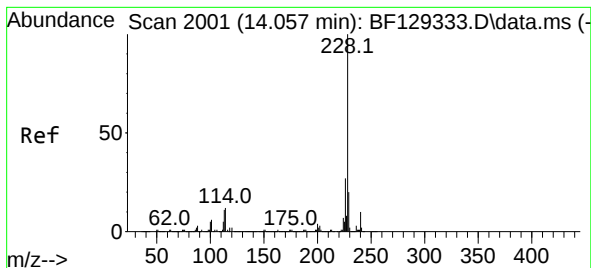
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 11.7 8.8 13.2





#81

Benzo(a)anthracene

Concen: 41.827 ng

RT: 14.051 min Scan# 2000

Delta R.T. 0.041 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :

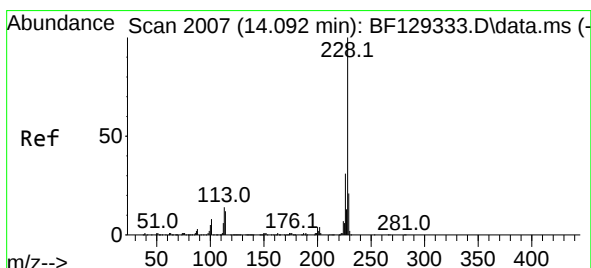
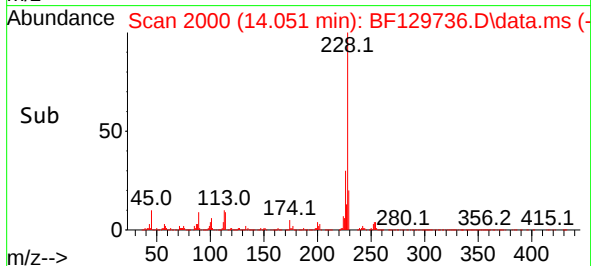
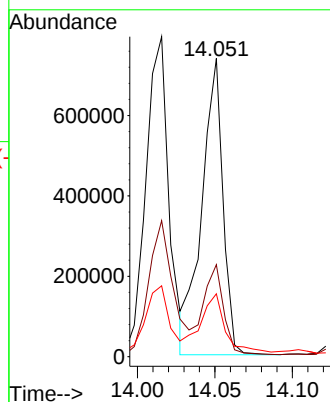
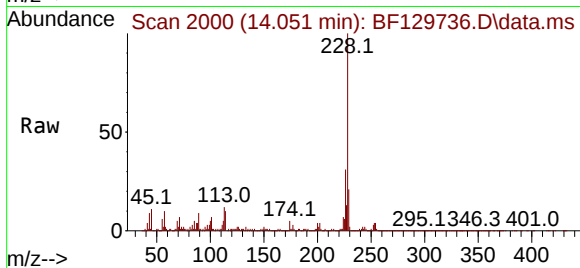
Tgt Ion:228 Resp: 700876

Ion Ratio Lower Upper

228 100

226 30.9 22.1 33.1

229 21.1 15.8 23.8



#83

Chrysene

Concen: 44.381 ng

RT: 14.051 min Scan# 2000

Delta R.T. 0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

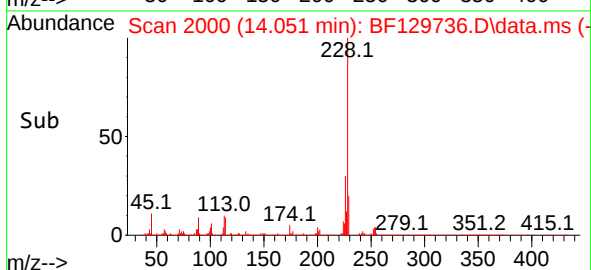
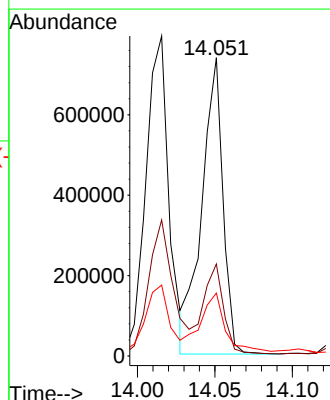
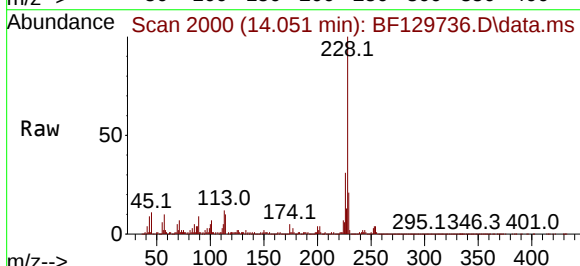
Tgt Ion:228 Resp: 700876

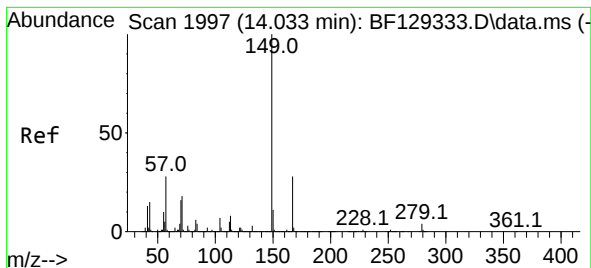
Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 21.1 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.002 ng

RT: 13.980 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :

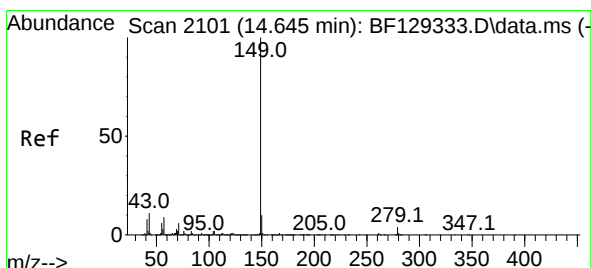
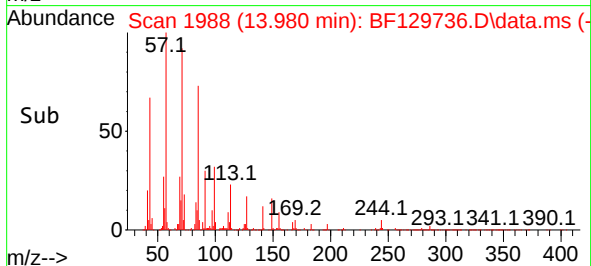
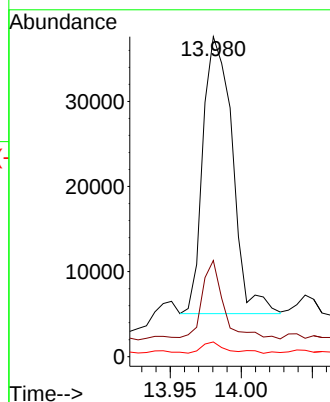
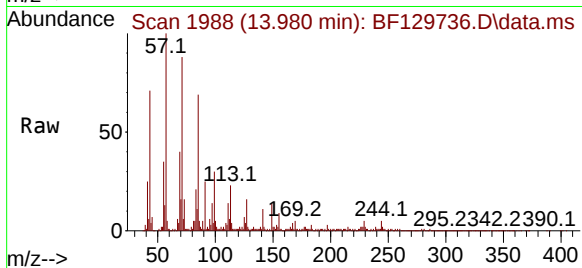
Tgt Ion:149 Resp: 46874

Ion Ratio Lower Upper

149 100

167 30.0 21.0 31.4

279 4.6 3.1 4.7



#85

Di-n-octyl phthalate

Concen: 2.831 ng

RT: 14.592 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

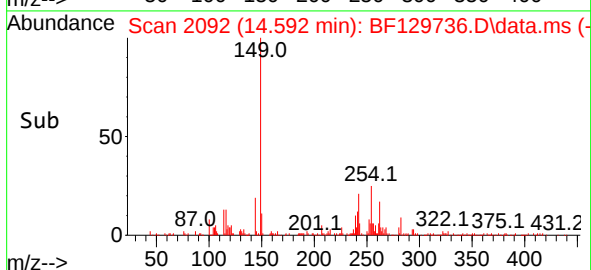
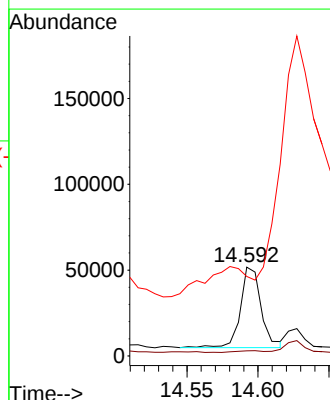
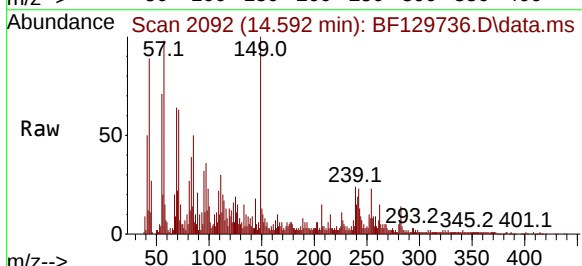
Tgt Ion:149 Resp: 47724

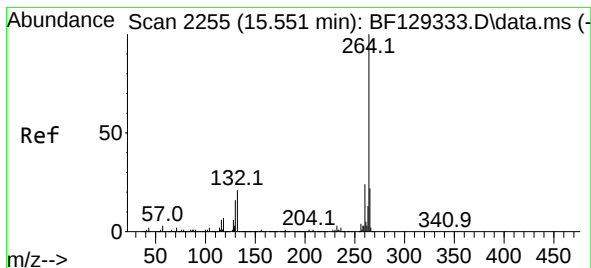
Ion Ratio Lower Upper

149 100

167 2.7 1.3 1.9#

43 81.0 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :

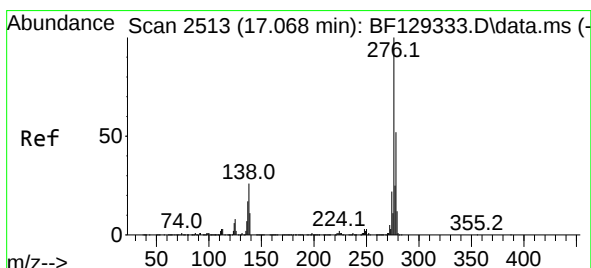
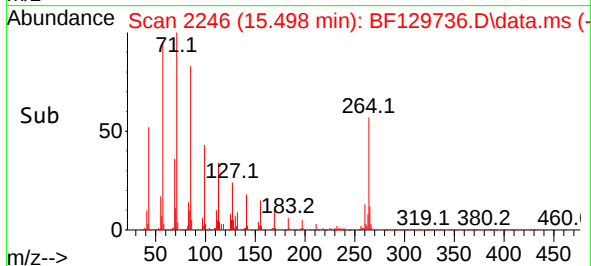
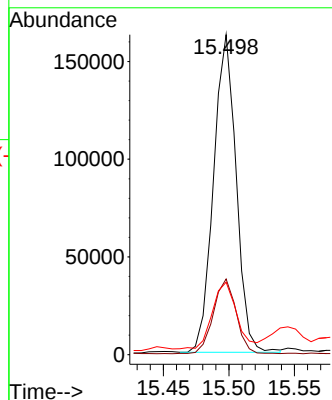
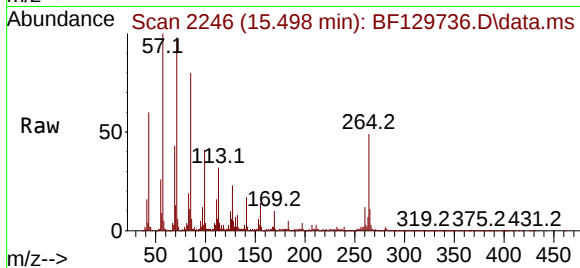
Tgt Ion:264 Resp: 194945

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.7 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 11.466 ng

RT: 16.980 min Scan# 2498

Delta R.T. -0.006 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

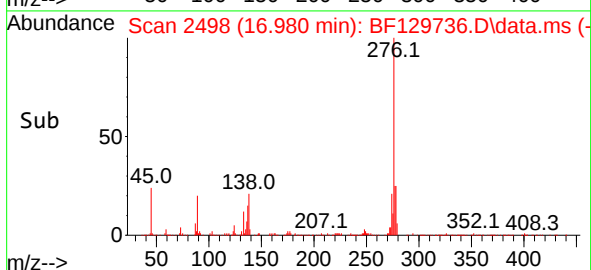
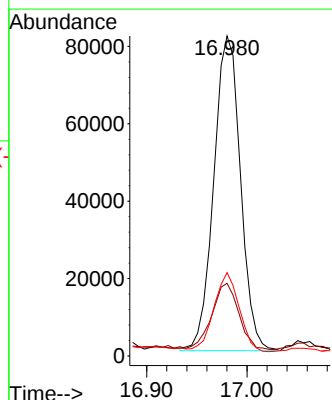
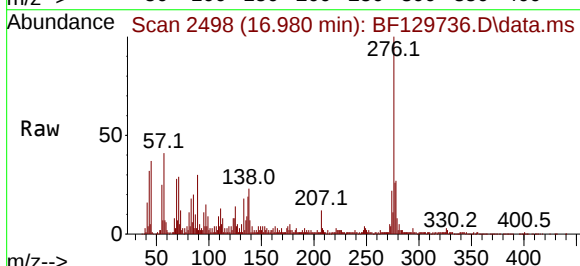
Tgt Ion:276 Resp: 150519

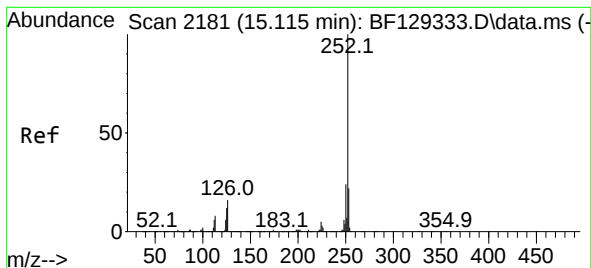
Ion Ratio Lower Upper

276 100

138 21.3 21.1 31.7

277 23.8 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 40.424 ng

RT: 15.069 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BF129736.D

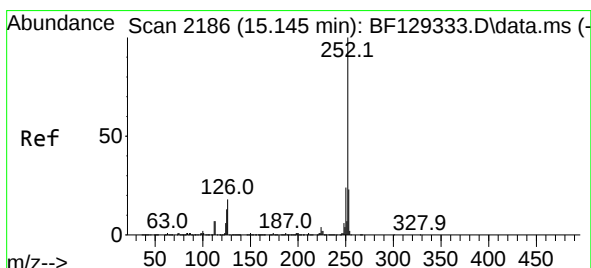
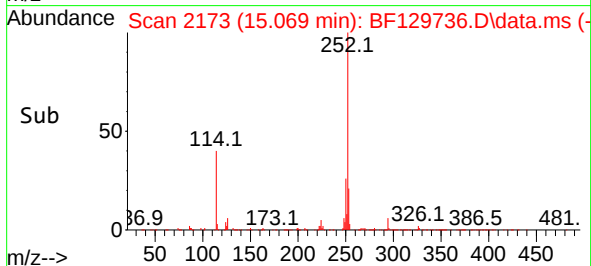
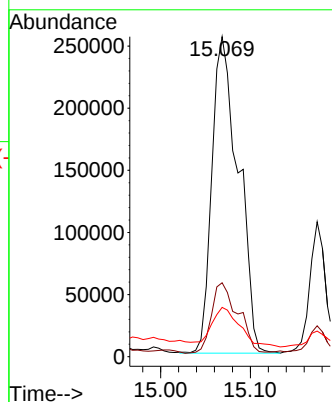
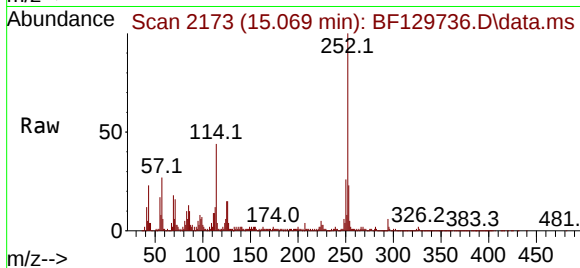
Acq: 12 Aug 2022 02:32

Instrument :

BNF

ClientSampleId :

Tgt Ion:252 Resp: 522736
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.7 26.5
 125 15.4 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 41.250 ng

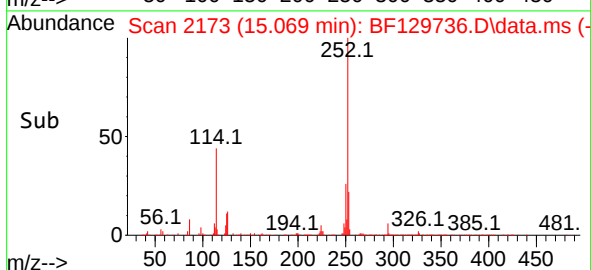
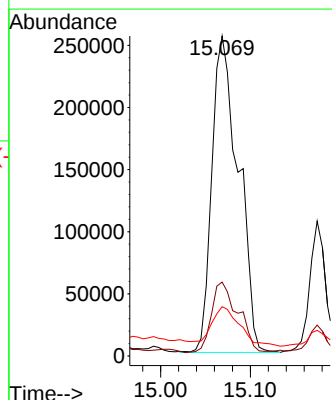
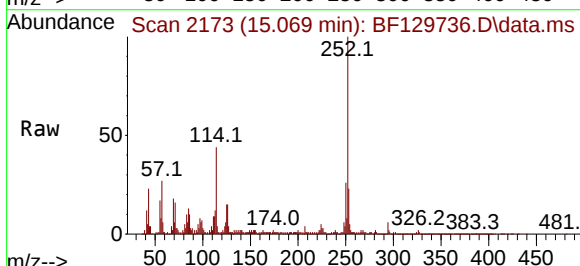
RT: 15.069 min Scan# 2173

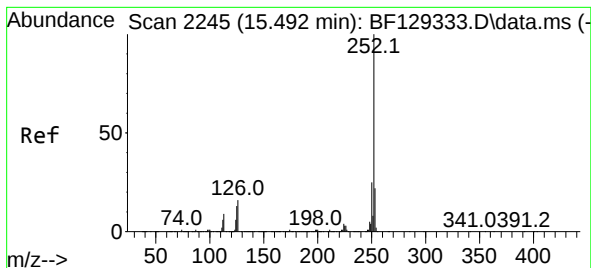
Delta R.T. -0.024 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Tgt Ion:252 Resp: 522736
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.8 26.6
 125 15.4 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 41.019 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :

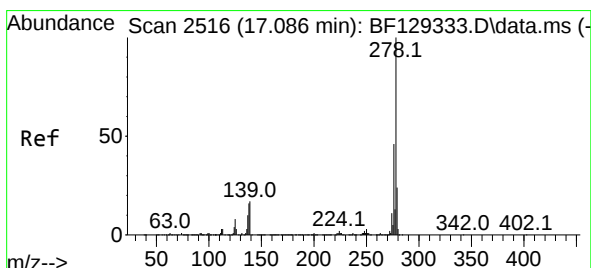
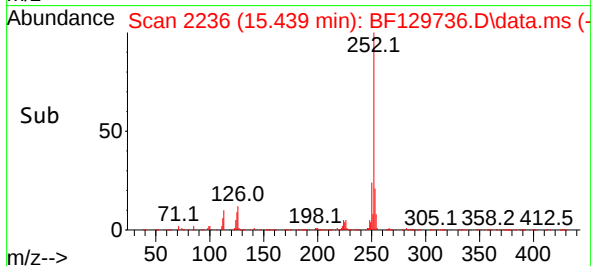
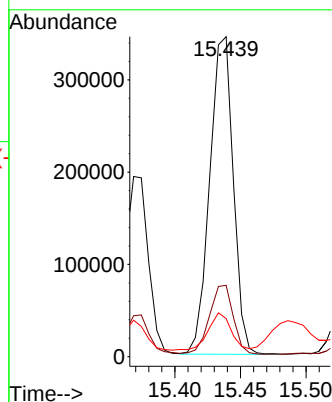
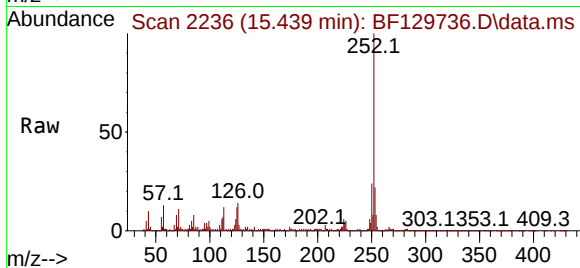
Tgt Ion:252 Resp: 430591

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 11.9 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 4.389 ng

RT: 16.980 min Scan# 2498

Delta R.T. -0.012 min

Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

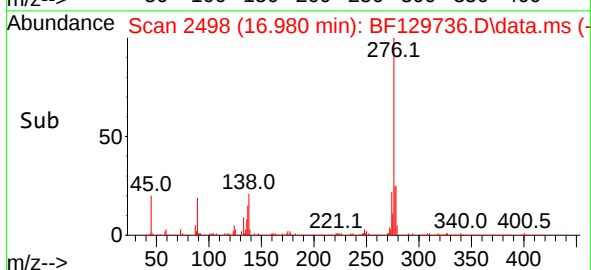
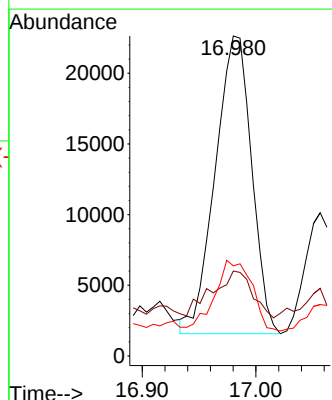
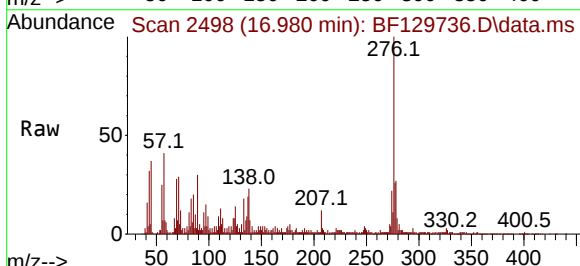
Tgt Ion:278 Resp: 46892

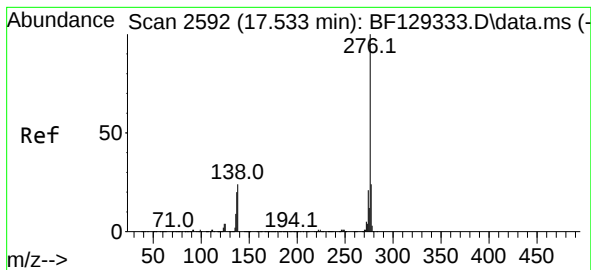
Ion Ratio Lower Upper

278 100

139 26.6 12.8 19.2#

279 28.1 18.6 28.0#





#92

Benzo(g,h,i)perylene

Concen: 14.927 ng

RT: 17.433 min Scan# 21

Delta R.T. -0.000 min

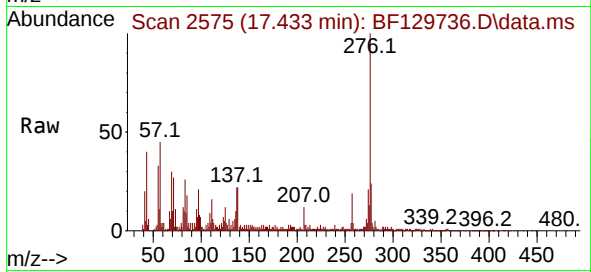
Lab File: BF129736.D

Acq: 12 Aug 2022 02:32

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 162978

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 22.1 18.0 27.0

