

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129832.D
 Acq On : 17 Aug 2022 02:38
 Operator : CG\JU
 Sample : N4218-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081522

Quant Time: Aug 17 04:46:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

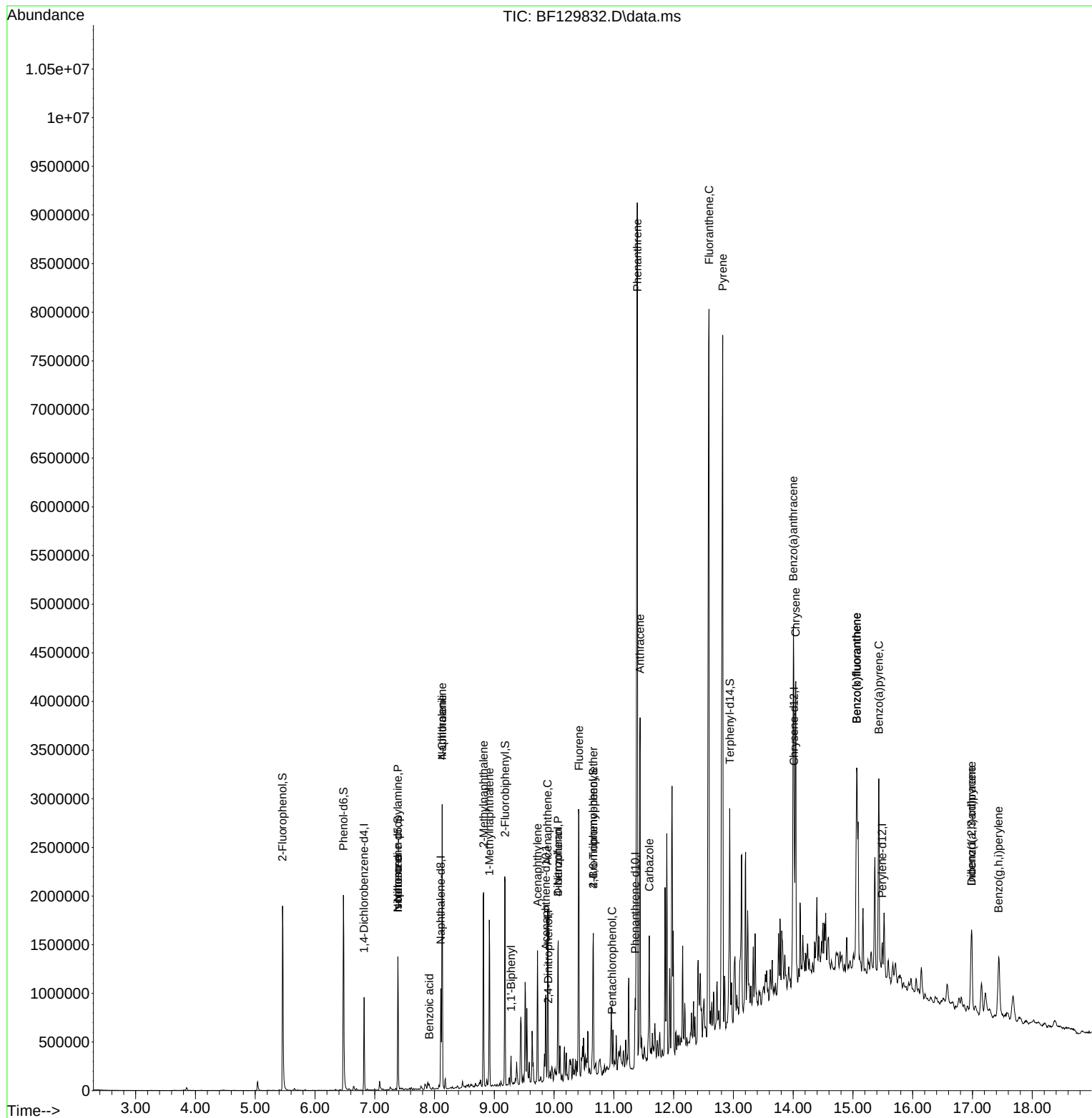
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	127324	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	422243	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	187612	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	318944	20.000	ng	0.00
76) Chrysene-d12	14.015	240	208488	20.000	ng	0.01
86) Perylene-d12	15.492	264	168786	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	570673	74.209	ng	0.00
7) Phenol-d6	6.475	99	683131	70.937	ng	0.00
23) Nitrobenzene-d5	7.386	82	394886	50.064	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	130061	69.072	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	656500	53.147	ng	0.00
79) Terphenyl-d14	12.939	244	687985	54.908	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	61	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.386	70	50531	8.301	ng	# 79
25) Isophorone	7.386	82	394438	29.054	ng	# 65
31) Naphthalene	8.128	128	1122332	50.836	ng	100
32) Benzoic acid	7.910	122	10111	7.256	ng	# 28
33) 4-Chloroaniline	8.128	127	149391	17.207	ng	# 34
37) 2-Methylnaphthalene	8.822	142	548152	37.829	ng	100
38) 1-Methylnaphthalene	8.916	142	425133	30.189	ng	97
46) 1,1'-Biphenyl	9.280	154	82892	5.816	ng	98
49) Acenaphthylene	9.722	152	441168	25.798	ng	98
52) Acenaphthene	9.892	154	367741	35.444	ng	98
54) 2,4-Dinitrophenol	9.904	184	110	5.550	ng	# 1
55) Dibenzofuran	10.069	168	494990	31.756	ng	100
56) 4-Nitrophenol	10.069	139	199198	138.780	ng	# 7
58) Fluorene	10.416	166	806234	61.948	ng	98
67) 4-Bromophenyl-phenylether	10.657	248	8020	2.147	ng	# 1
70) Pentachlorophenol	10.969	266	55	5.224	ng	# 20
71) Phenanthrene	11.392	178	3980054	223.436	ng	95
72) Anthracene	11.439	178	1350077	76.215	ng	100
73) Carbazole	11.592	167	460486	28.637	ng	99
75) Fluoranthene	12.592	202	3924379	215.297	ng	96
77) Benzidine	12.674	184	1140	Below Cal	#	1
78) Pyrene	12.821	202	3545080	195.672	ng	96
81) Benzo(a)anthracene	14.004	228	1576761	109.940	ng	95
83) Chrysene	14.045	228	1230700	91.671	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	557507	48.113	ng	94
88) Benzo(b)fluoranthene	15.062	252	1798822	155.639	ng	97
89) Benzo(k)fluoranthene	15.062	252	1798822	162.291	ng	96
90) Benzo(a)pyrene	15.433	252	1007482	110.693	ng	96
91) Dibenzo(a,h)anthracene	16.986	278	144872	15.153	ng	# 79
92) Benzo(g,h,i)perylene	17.439	276	526989	55.249	ng	96

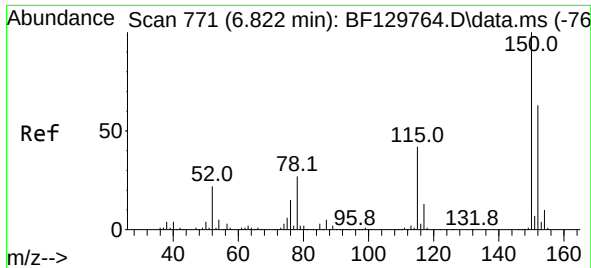
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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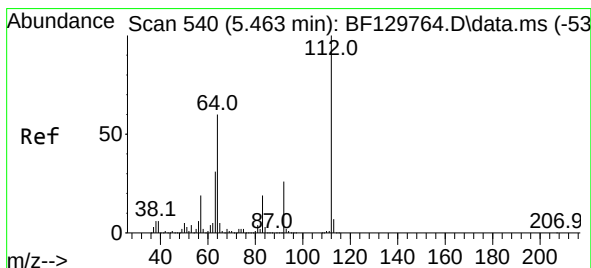
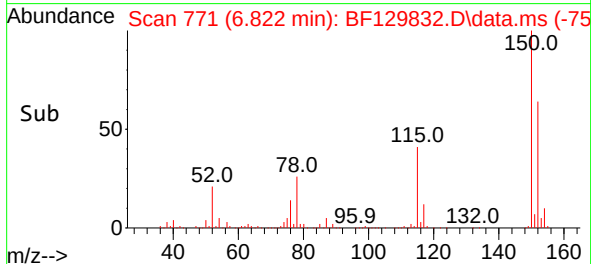
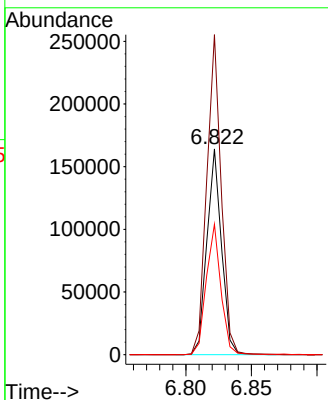
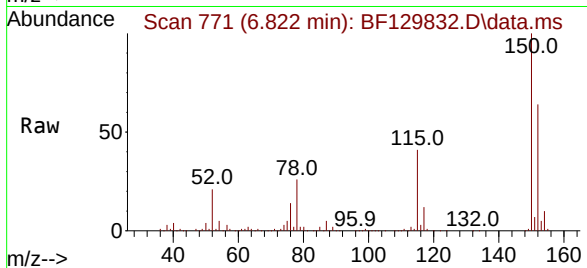




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

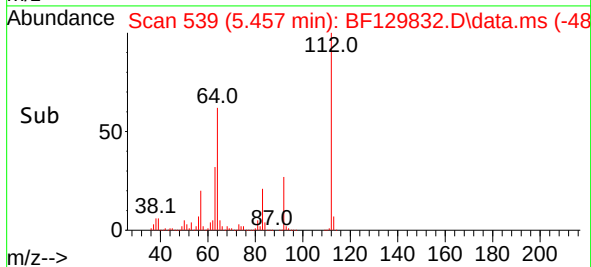
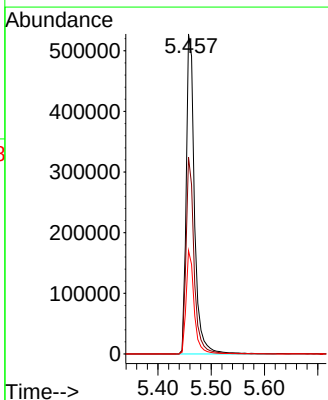
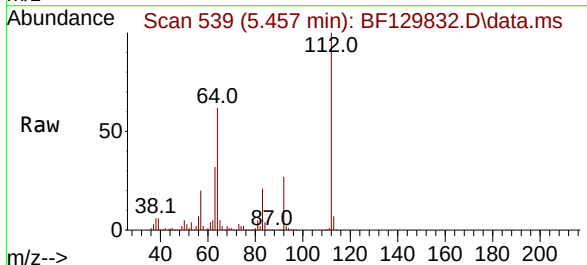
Instrument :
BNA_F
ClientSampleId :
OR-02-081522

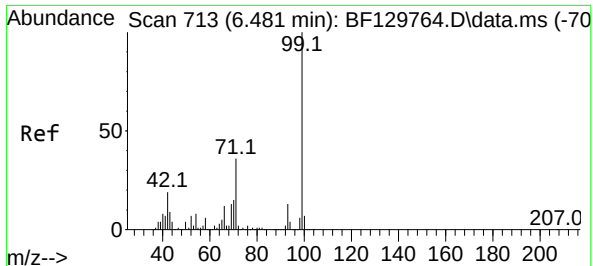
Tgt Ion:152 Resp: 127324
Ion Ratio Lower Upper
152 100
150 155.5 126.9 190.3
115 63.4 53.4 80.0



#5
2-Fluorophenol
Concen: 74.209 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion:112 Resp: 570673
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 32.3 24.6 37.0

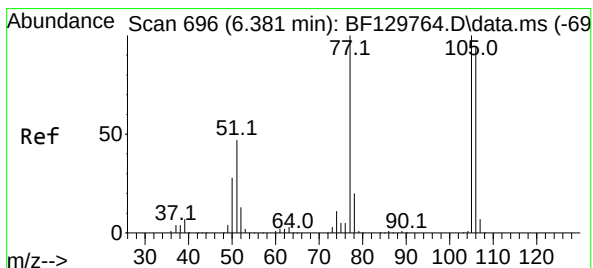
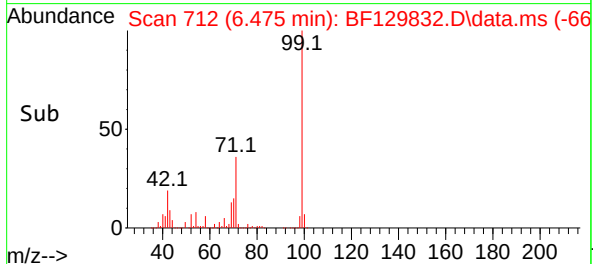
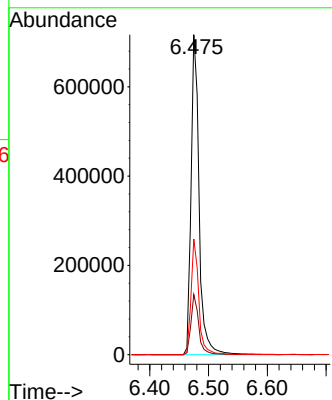
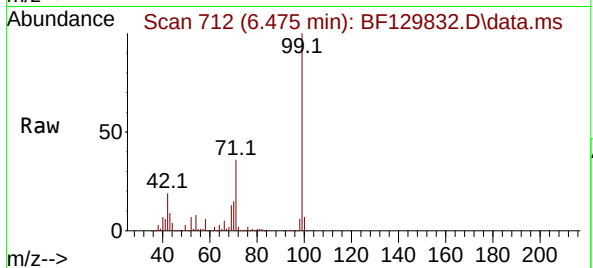




#7
Phenol-d6
Concen: 70.937 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

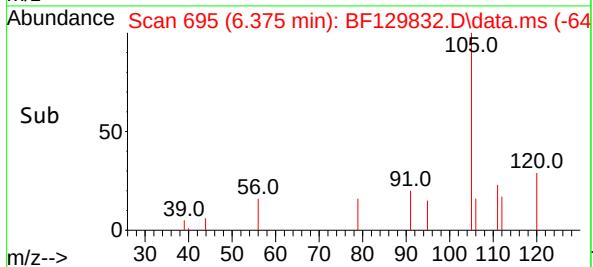
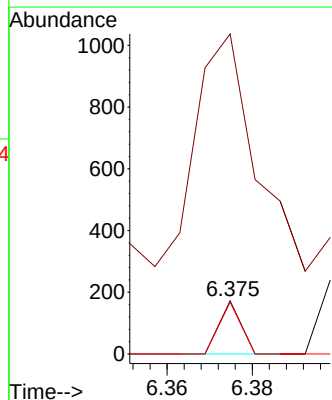
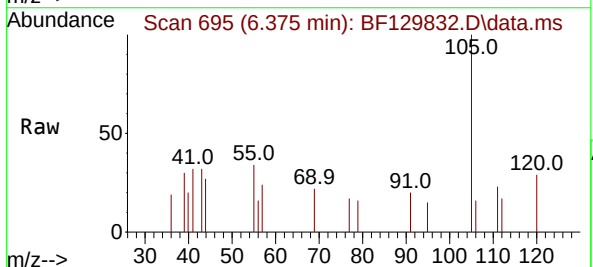
Instrument :
BNA_F
ClientSampleId :
OR-02-081522

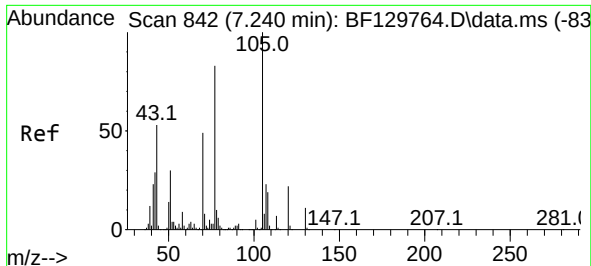
Tgt Ion: 99 Resp: 683131
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 695
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
105 602.9 80.3 120.3#
106 97.7 74.3 114.3

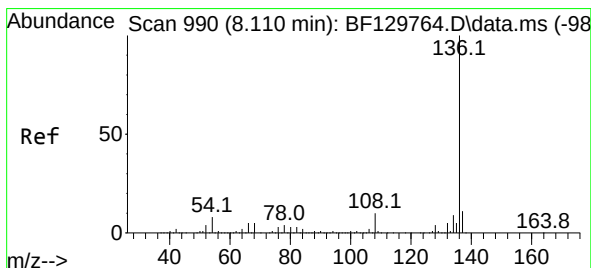
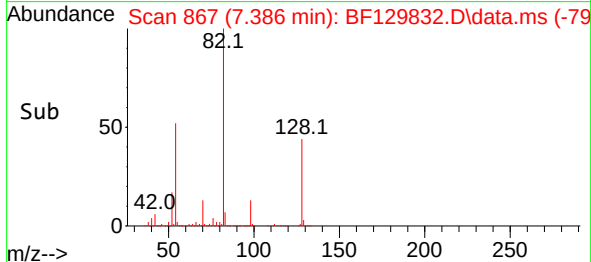
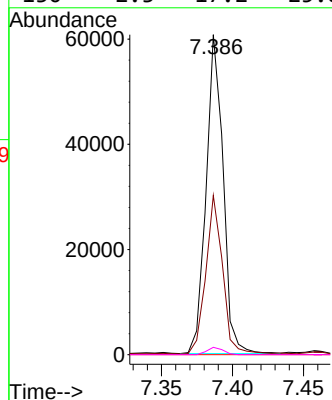
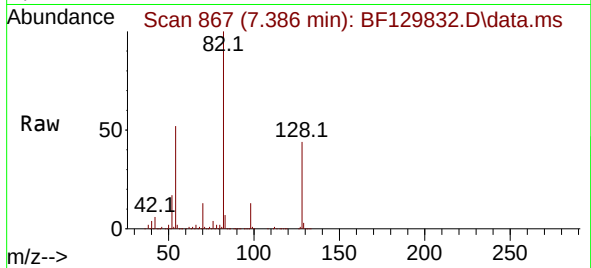




#19
n-Nitroso-di-n-propylamine
Concen: 8.301 ng
RT: 7.386 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

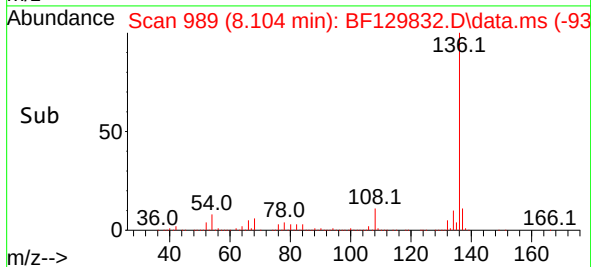
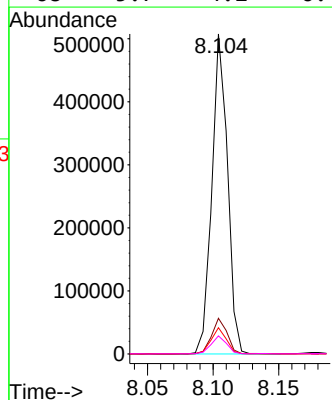
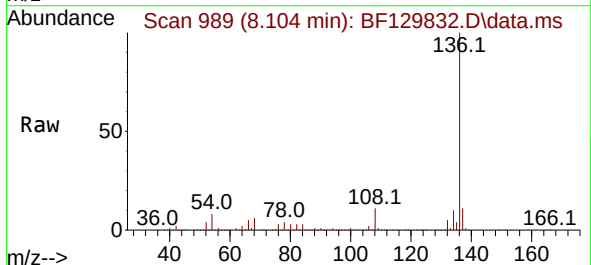
Instrument :
BNA_F
ClientSampleId :
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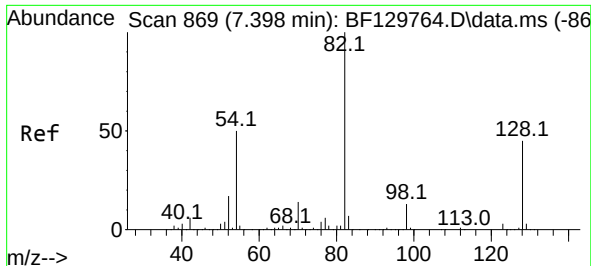
Tgt Ion: 70 Resp: 50531
Ion Ratio Lower Upper
70 100
42 49.8 47.6 71.4
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion: 136 Resp: 422243
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.2 6.2 9.2
68 5.7 4.2 6.4

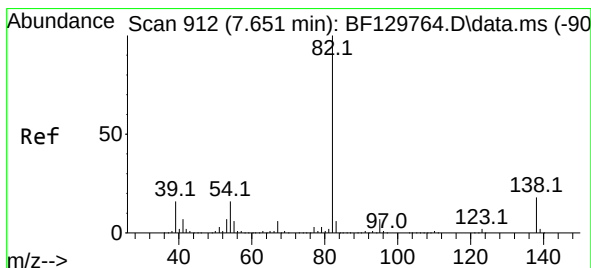
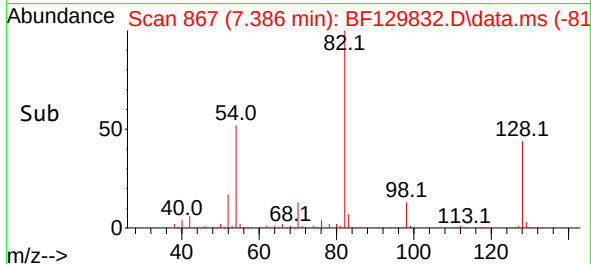
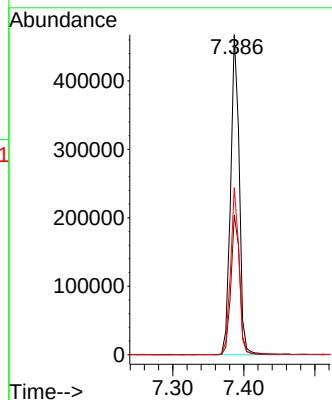
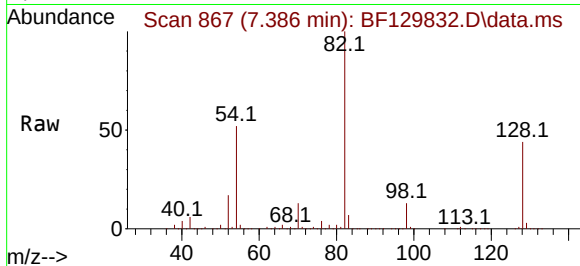




#23
Nitrobenzene-d5
Concen: 50.064 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

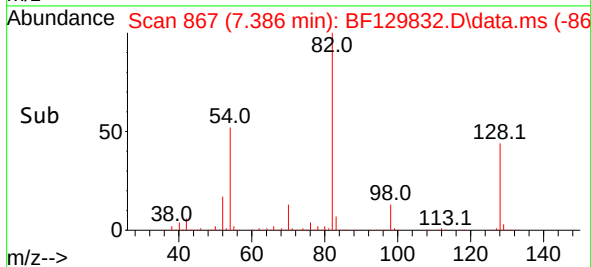
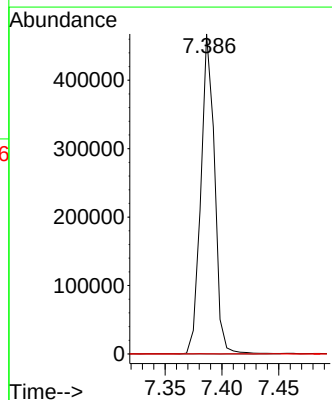
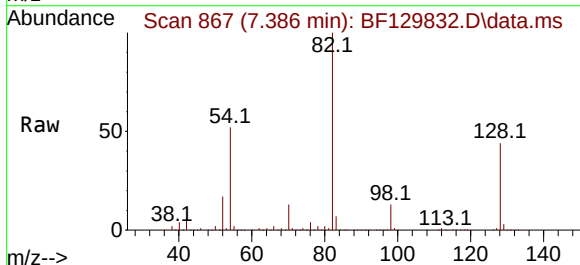
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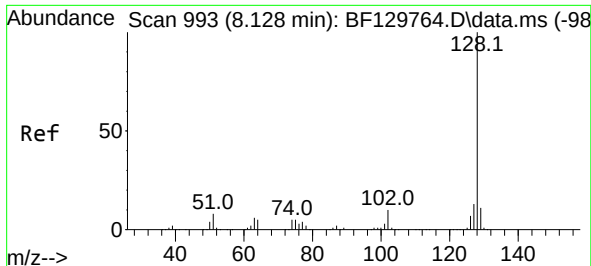
Tgt Ion: 82 Resp: 394886
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 52.2 40.0 60.0



#25
Isophorone
Concen: 29.054 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion: 82 Resp: 394438
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

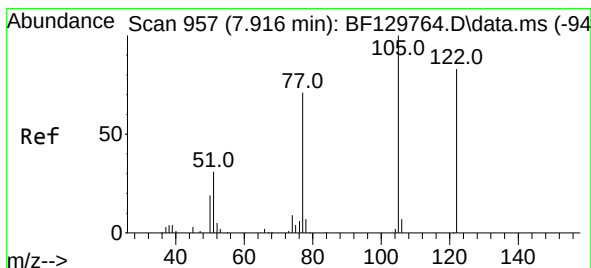
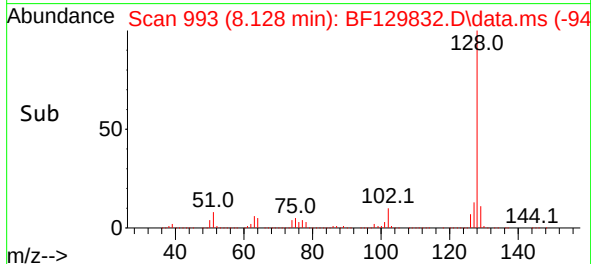
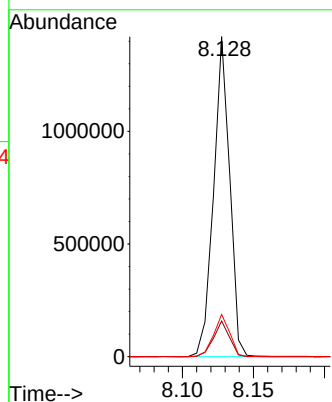
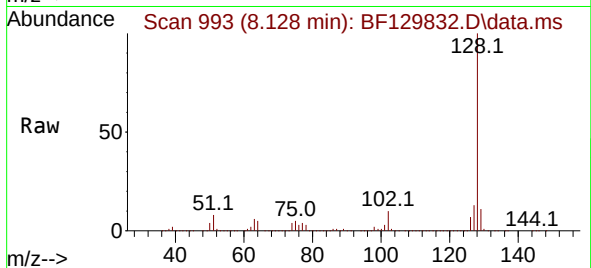




#31
Naphthalene
Concen: 50.836 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

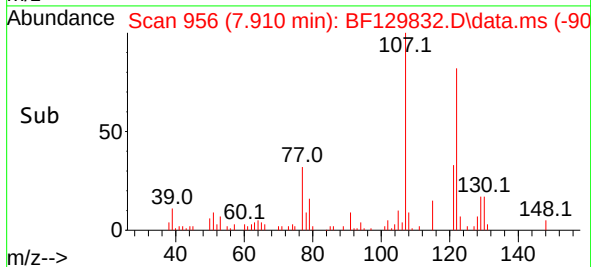
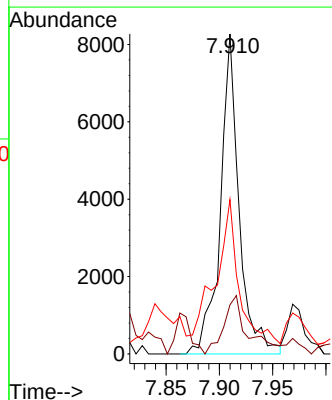
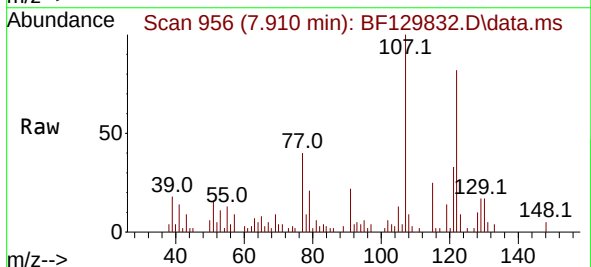
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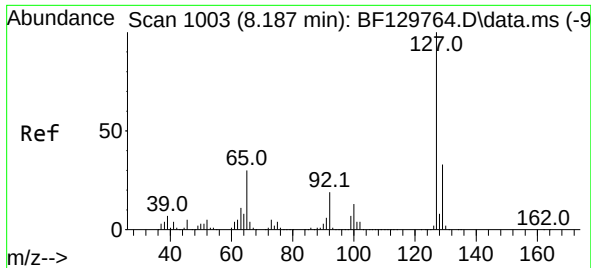
Tgt Ion:128 Resp: 1122332
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 7.256 ng
RT: 7.910 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion:122 Resp: 10111
Ion Ratio Lower Upper
122 100
105 15.3 99.9 139.9#
77 48.3 65.9 105.9#

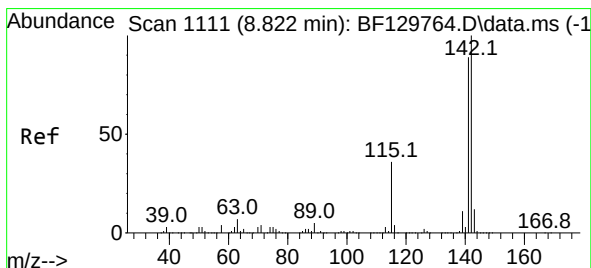
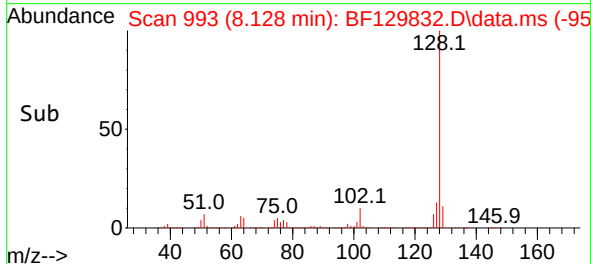
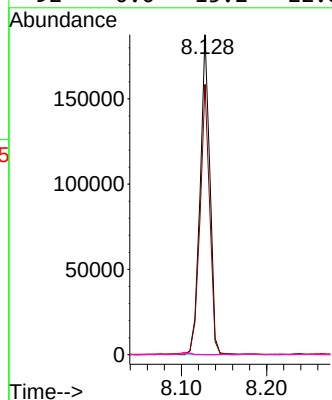
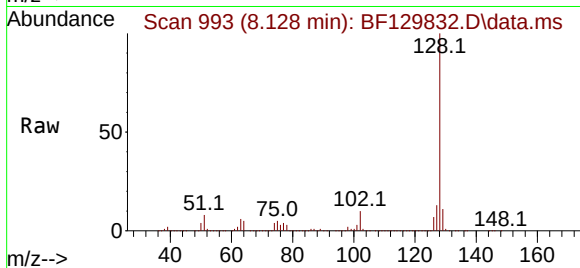




#33
4-Chloroaniline
Concen: 17.207 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.059 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

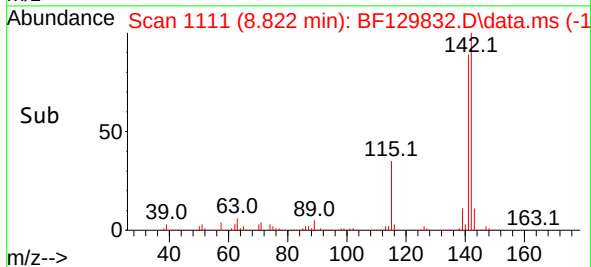
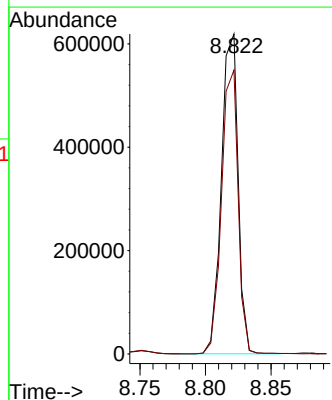
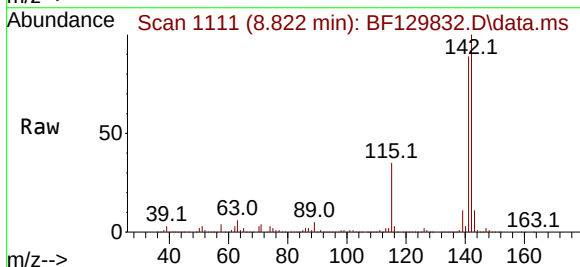
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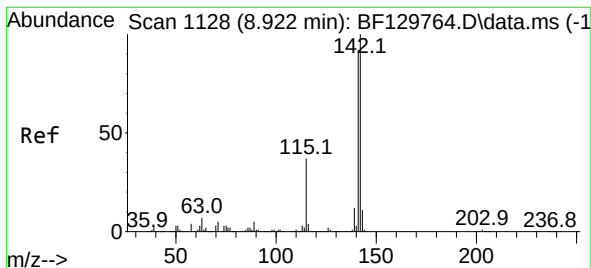
Tgt Ion:127	Resp: 149391
Ion Ratio	Lower Upper
127 100	
129 84.5	26.7 40.1#
65 0.0	24.2 36.2#
92 0.0	15.2 22.8#



#37
2-Methylnaphthalene
Concen: 37.829 ng
RT: 8.822 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt	Ion:142	Resp:	548152
Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3





#38

1-Methylnaphthalene

Concen: 30.189 ng

RT: 8.916 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

Instrument :

BNA_F

ClientSampleId :

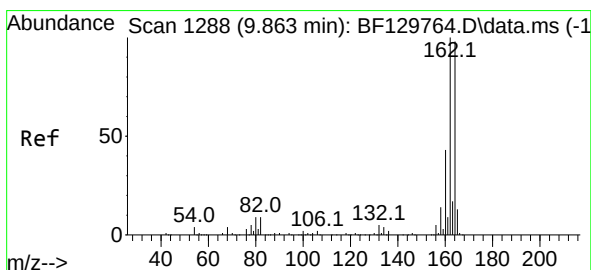
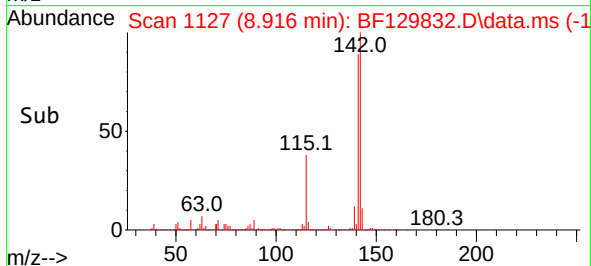
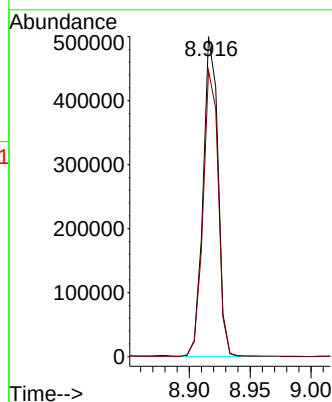
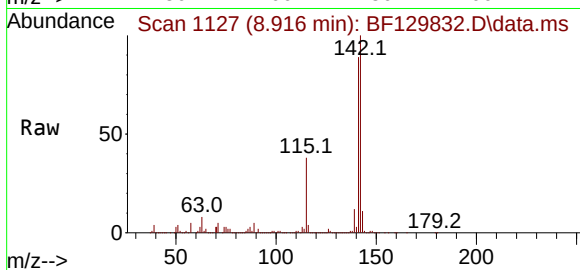
OR-02-081522

Tgt Ion:142 Resp: 425133

Ion Ratio Lower Upper

142 100

141 89.4 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.000 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

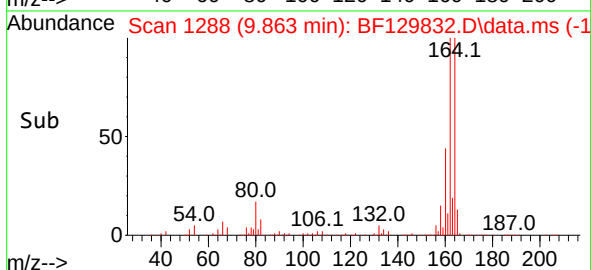
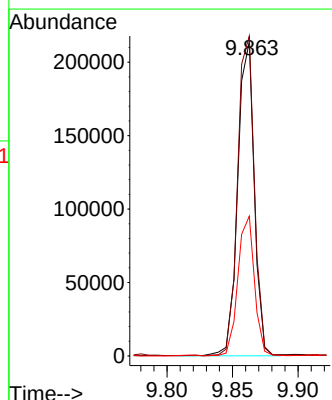
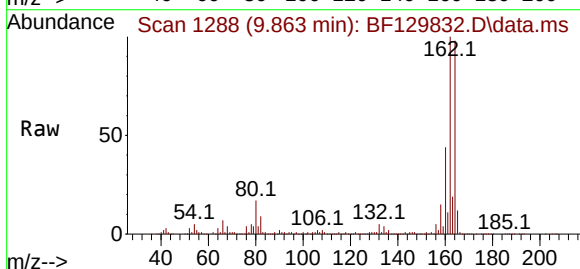
Tgt Ion:164 Resp: 187612

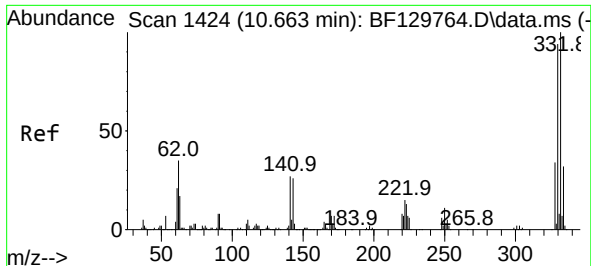
Ion Ratio Lower Upper

164 100

162 101.8 82.0 123.0

160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 69.072 ng

RT: 10.657 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

Instrument :

BNA_F

ClientSampleId :

OR-02-081522

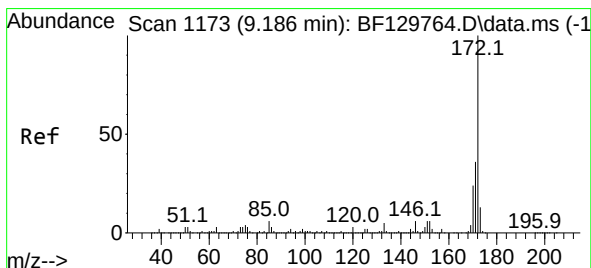
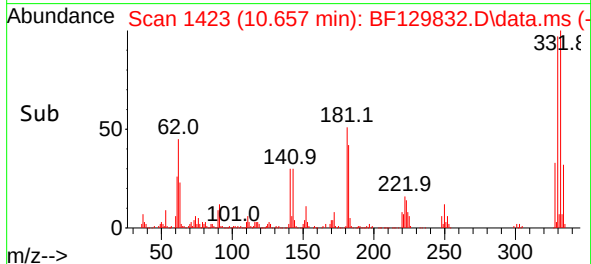
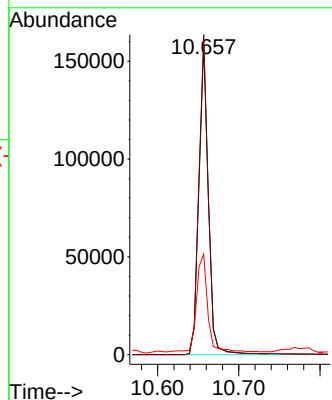
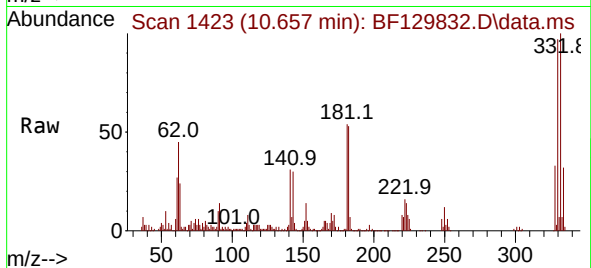
Tgt Ion:330 Resp: 130061

Ion Ratio Lower Upper

330 100

332 101.7 82.6 124.0

141 36.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 53.147 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

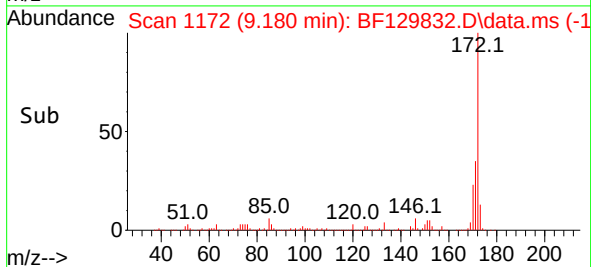
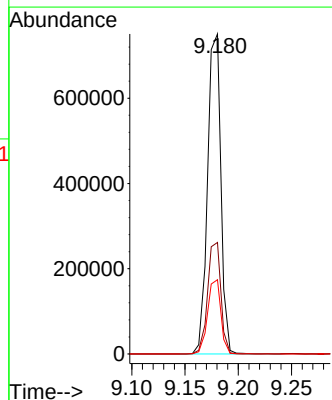
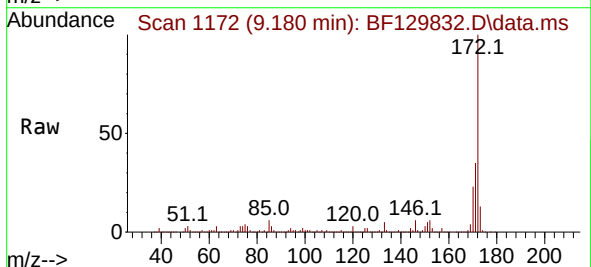
Tgt Ion:172 Resp: 656500

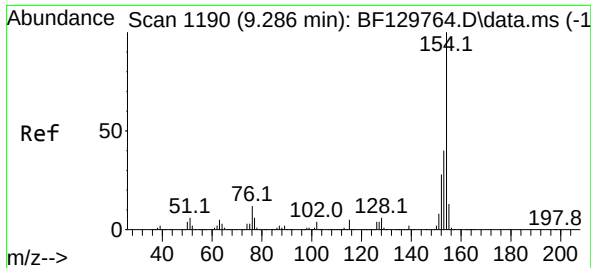
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.2 19.1 28.7

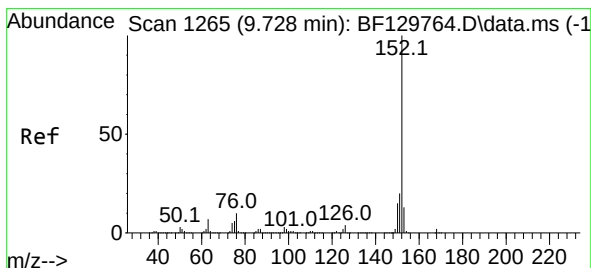
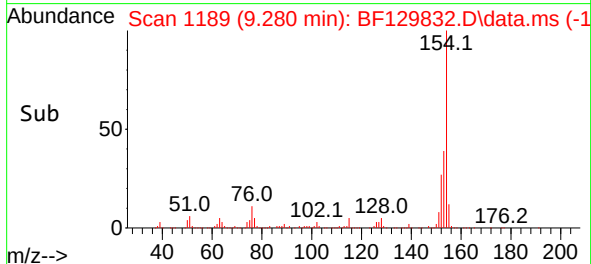
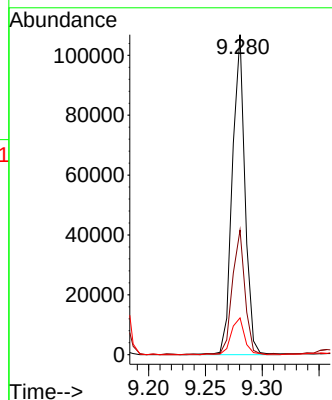
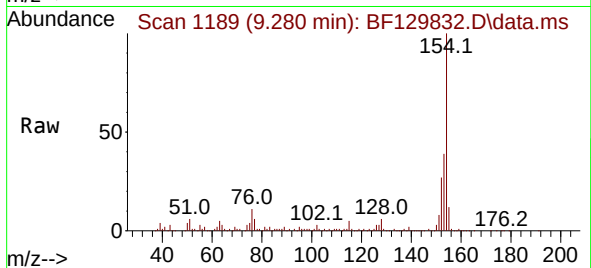




#46
1,1'-Biphenyl
Concen: 5.816 ng
RT: 9.280 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

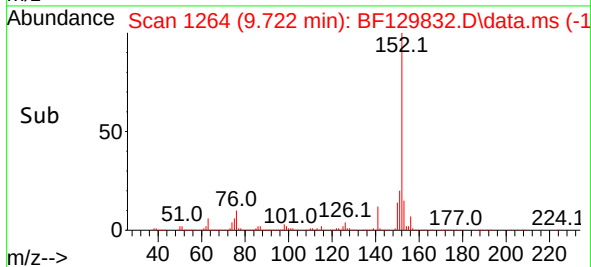
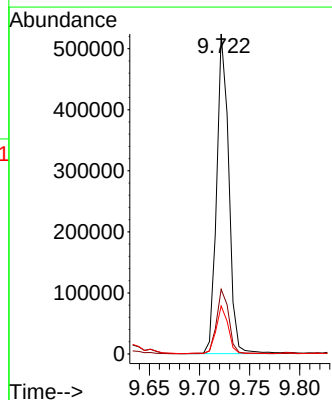
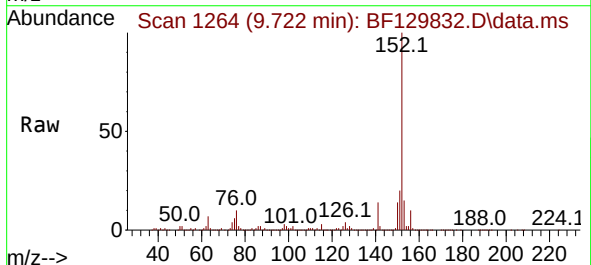
Instrument :
BNA_F
ClientSampleId :
OR-02-081522

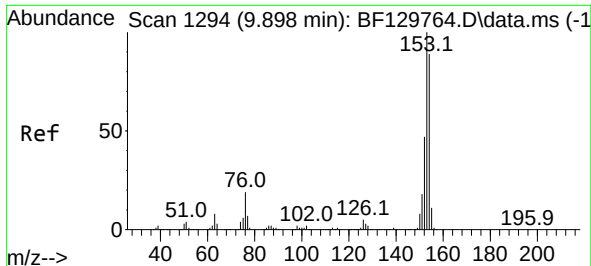
Tgt Ion:154 Resp: 82892
Ion Ratio Lower Upper
154 100
153 39.0 20.2 60.2
76 11.5 0.0 32.1



#49
Acenaphthylene
Concen: 25.798 ng
RT: 9.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion:152 Resp: 441168
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 15.0 10.6 16.0

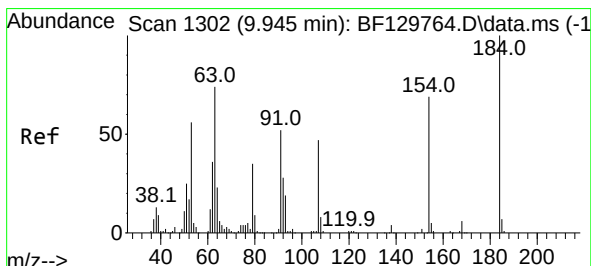
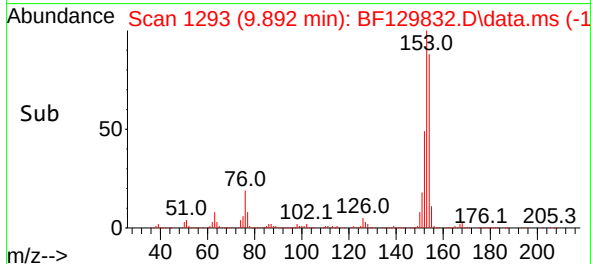
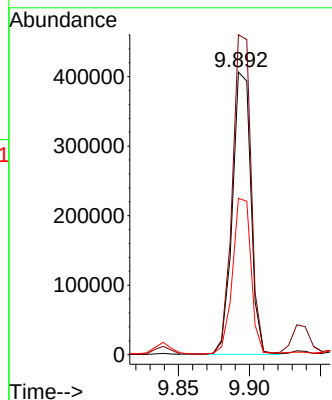
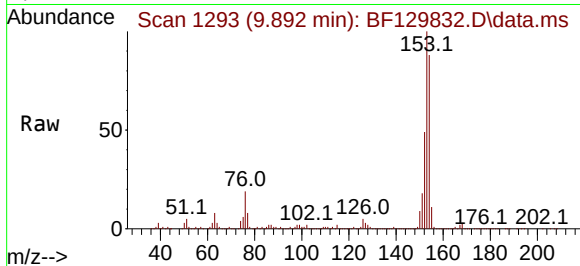




#52
Acenaphthene
Concen: 35.444 ng
RT: 9.892 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

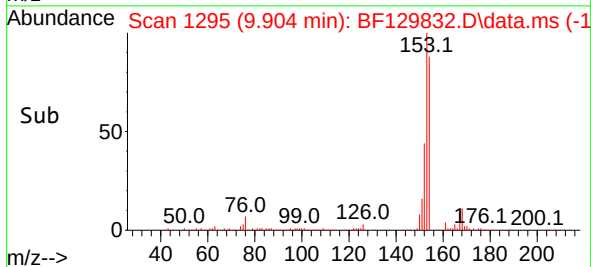
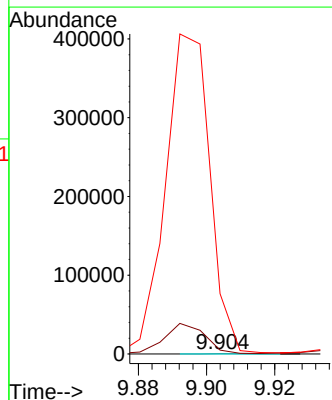
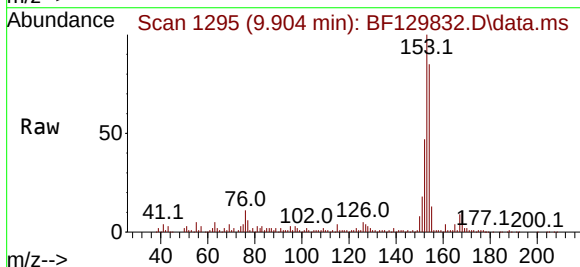
Instrument :
BNA_F
ClientSampleId :
OR-02-081522

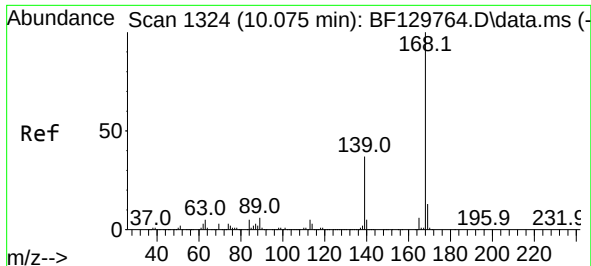
Tgt Ion:154 Resp: 367741
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.6
152 55.3 42.1 63.1



#54
2,4-Dinitrophenol
Concen: 5.550 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.041 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 3110.3 59.6 89.4#
154 49117.9 55.3 82.9#

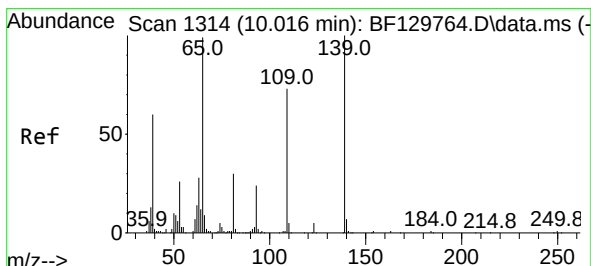
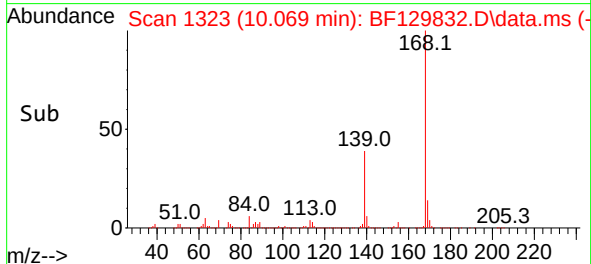
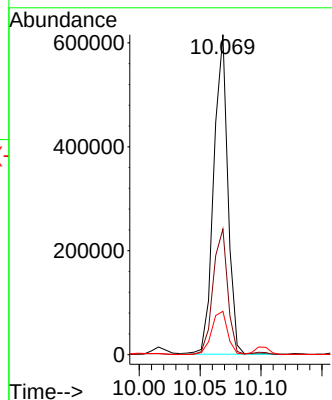
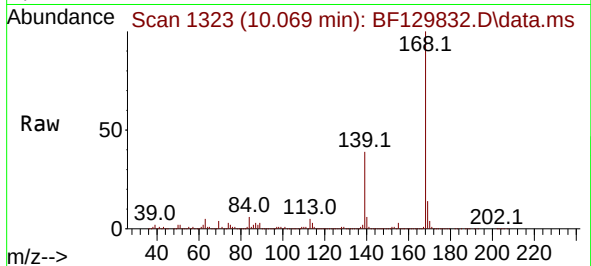




#55
Dibenzenofuran
Concen: 31.756 ng
RT: 10.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

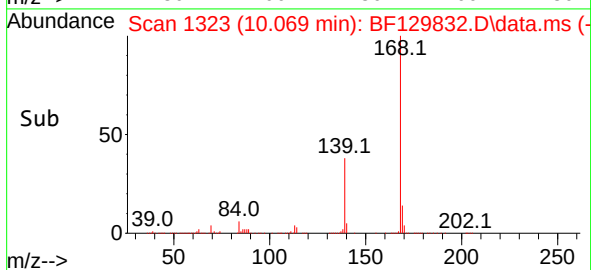
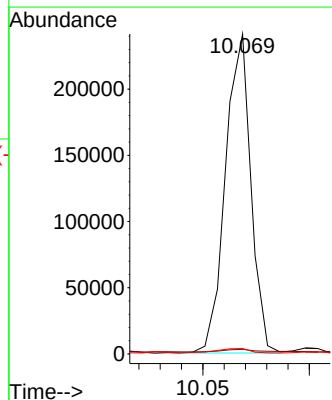
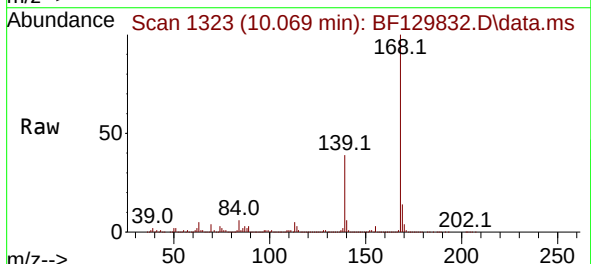
Instrument :
BNA_F
ClientSampleId :
OR-02-081522

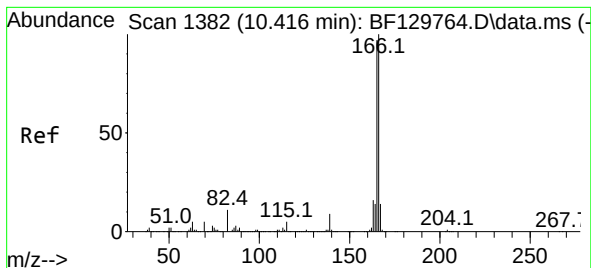
Tgt Ion:168 Resp: 494990
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 138.780 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.053 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion:139 Resp: 199198
Ion Ratio Lower Upper
139 100
109 1.5 52.9 92.9#
65 1.7 79.5 119.5#





#58

Fluorene

Concen: 61.948 ng

RT: 10.416 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

Instrument :

BNA_F

ClientSampleId :

OR-02-081522

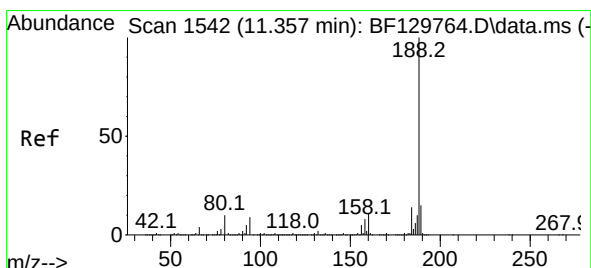
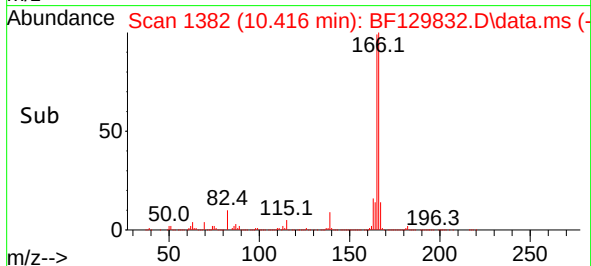
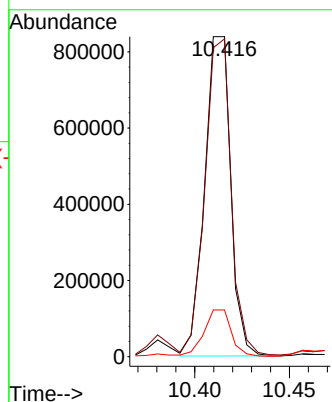
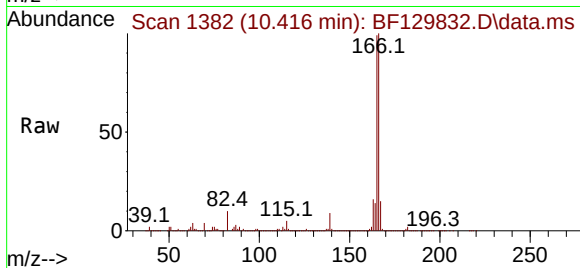
Tgt Ion:166 Resp: 806234

Ion Ratio Lower Upper

166 100

165 99.3 77.9 116.9

167 14.6 11.0 16.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

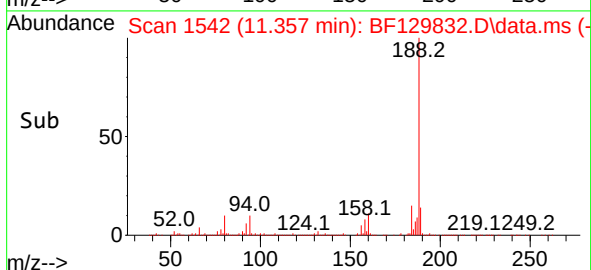
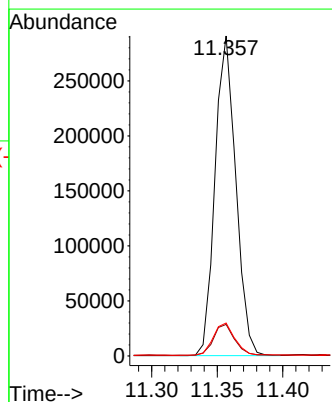
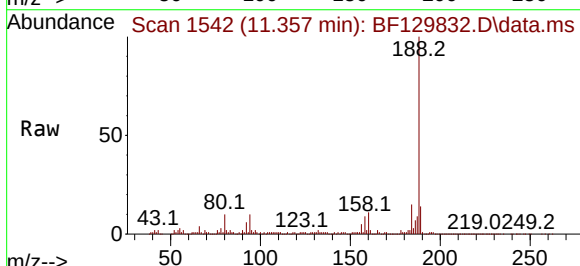
Tgt Ion:188 Resp: 318944

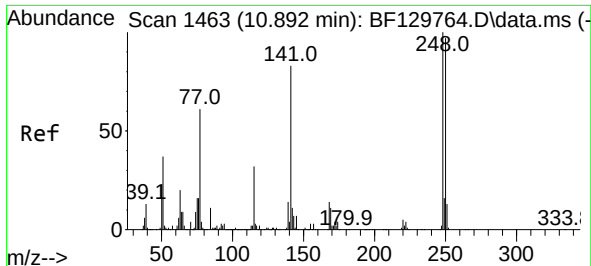
Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 10.3 7.9 11.9

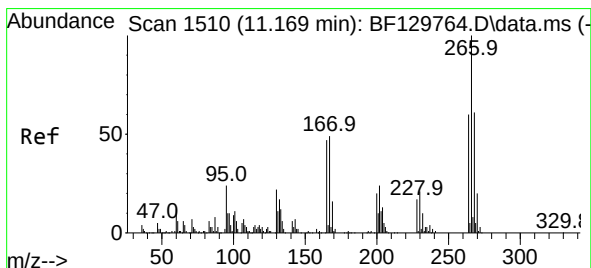
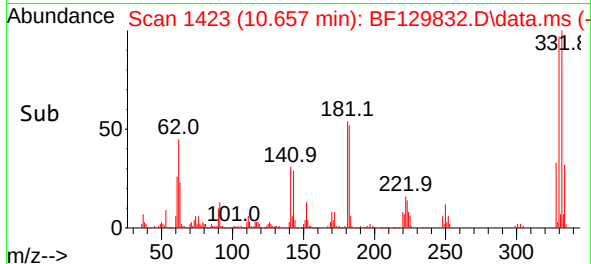
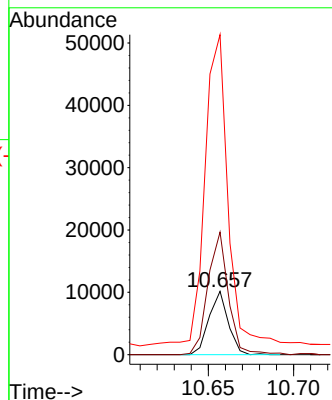
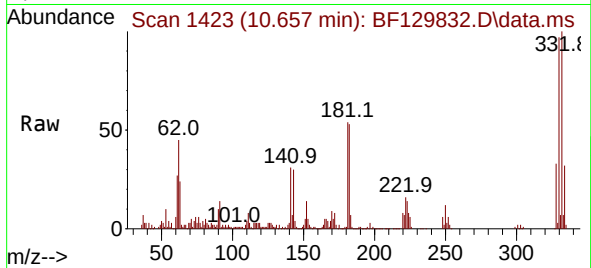




#67
4-Bromophenyl-phenylether
Concen: 2.147 ng
RT: 10.657 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

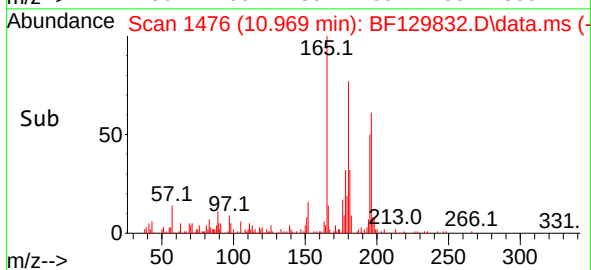
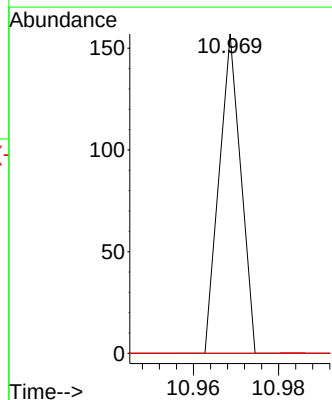
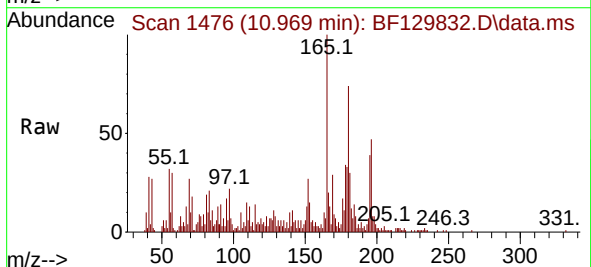
Instrument :
BNA_F
ClientSampleId :
OR-02-081522

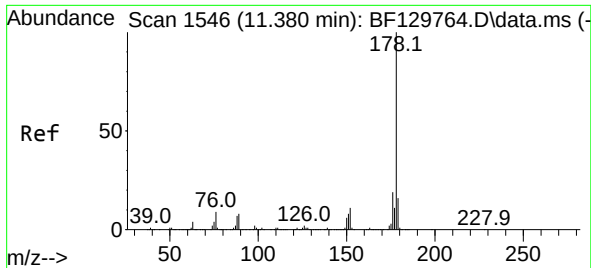
Tgt Ion:248 Resp: 8020
Ion Ratio Lower Upper
248 100
250 193.6 77.8 116.6#
141 505.5 66.2 99.2#



#70
Pentachlorophenol
Concen: 5.224 ng
RT: 10.969 min Scan# 1476
Delta R.T. -0.200 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 49.0 73.4#
264 0.0 47.9 71.9#

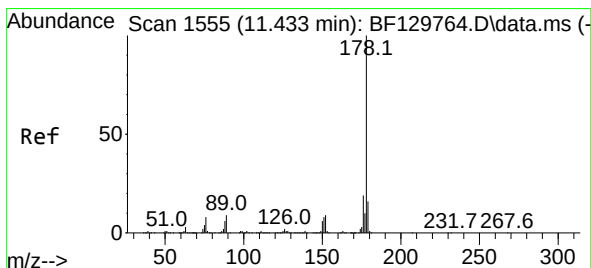
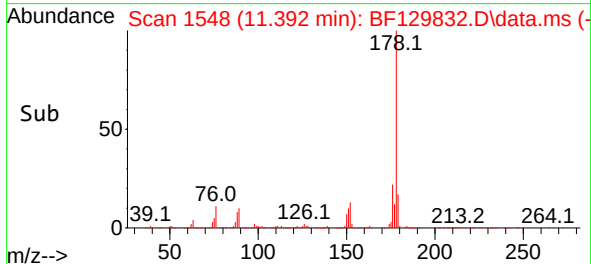
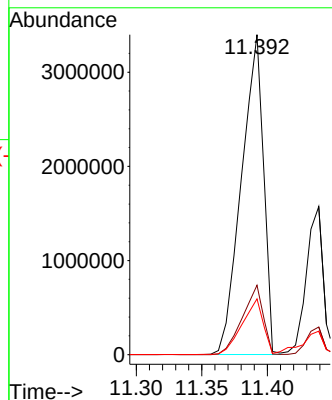
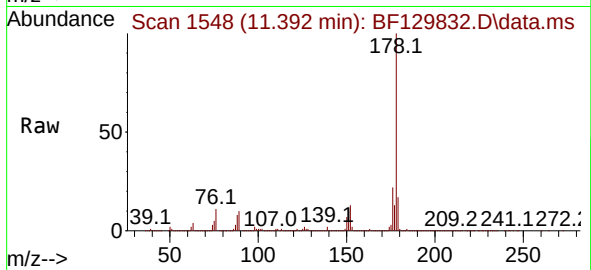




#71
Phenanthrene
Concen: 223.436 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

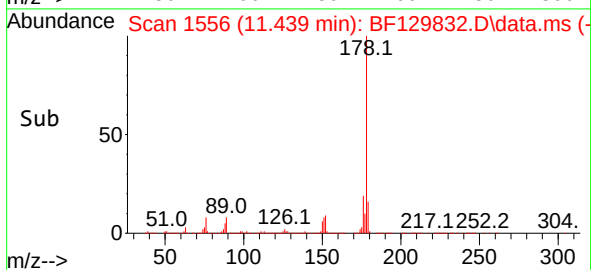
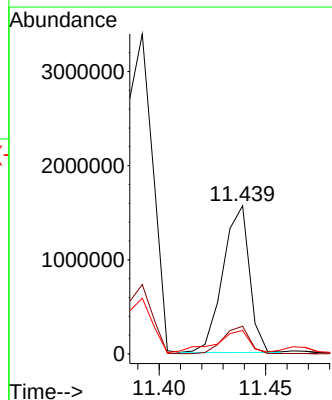
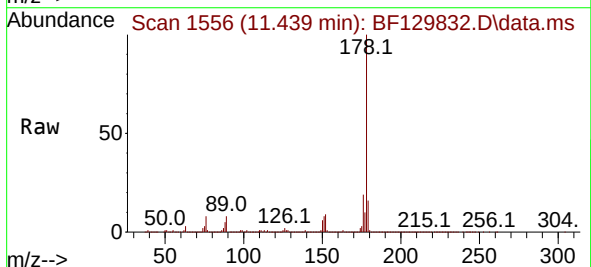
Instrument :
BNA_F
ClientSampleId :
OR-02-081522

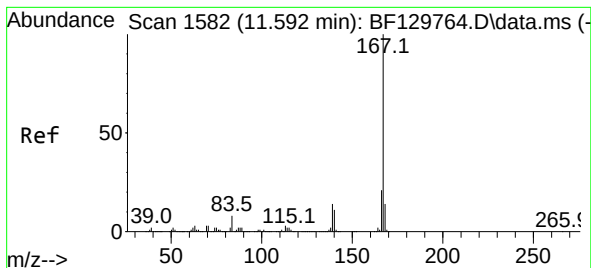
Tgt Ion:178 Resp: 3980054
Ion Ratio Lower Upper
178 100
176 21.7 15.5 23.3
179 17.5 12.5 18.7



#72
Anthracene
Concen: 76.215 ng
RT: 11.439 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion:178 Resp: 1350077
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.9 12.6 18.8





#73

Carbazole

Concen: 28.637 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

Instrument :

BNA_F

ClientSampleId :

OR-02-081522

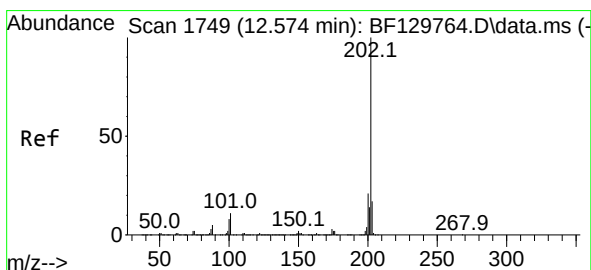
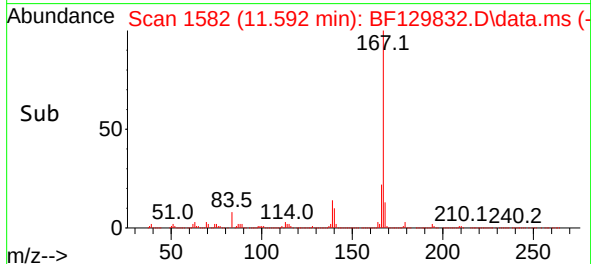
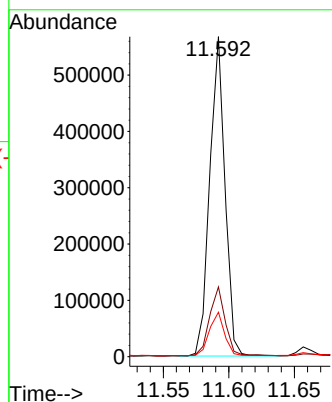
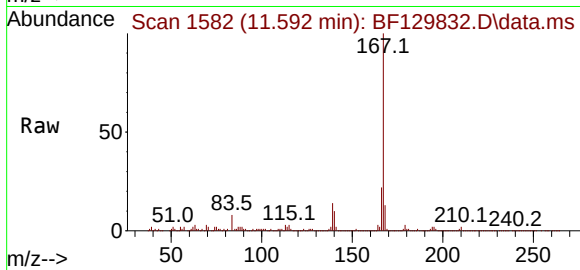
Tgt Ion:167 Resp: 460486

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 13.9 11.0 16.6



#75

Fluoranthene

Concen: 215.297 ng

RT: 12.592 min Scan# 1752

Delta R.T. 0.018 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

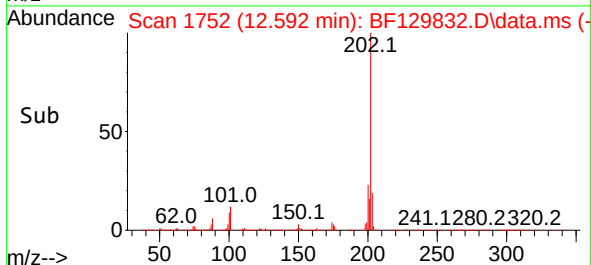
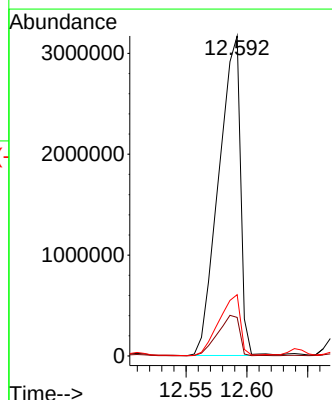
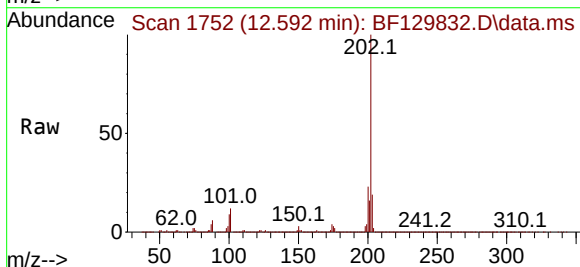
Tgt Ion:202 Resp: 3924379

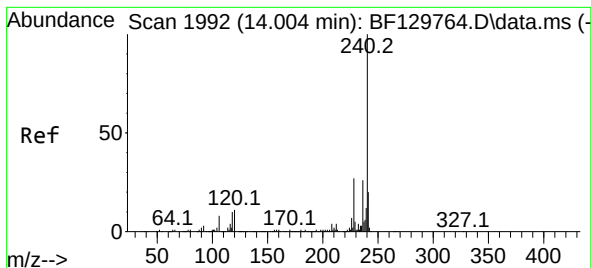
Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.7

203 19.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.012 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

Instrument :

BNA_F

ClientSampleId :

OR-02-081522

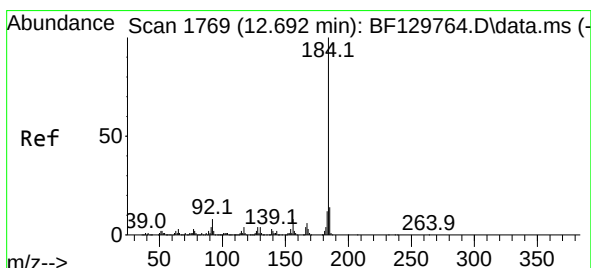
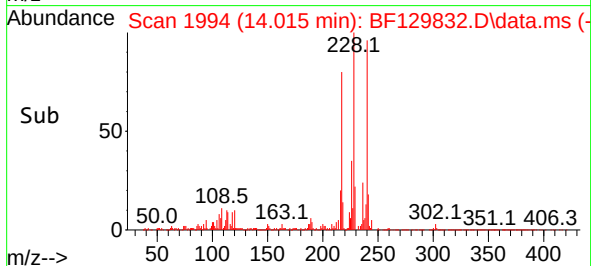
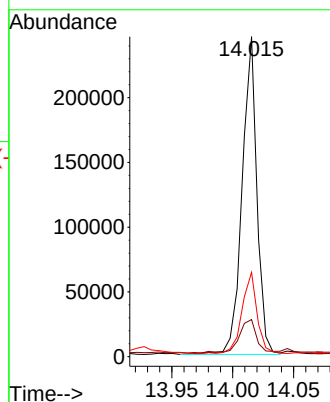
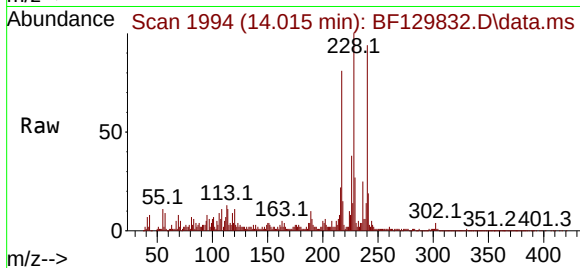
Tgt Ion:240 Resp: 208488

Ion Ratio Lower Upper

240 100

120 11.6 9.2 13.8

236 26.4 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.674 min Scan# 1766

Delta R.T. -0.018 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

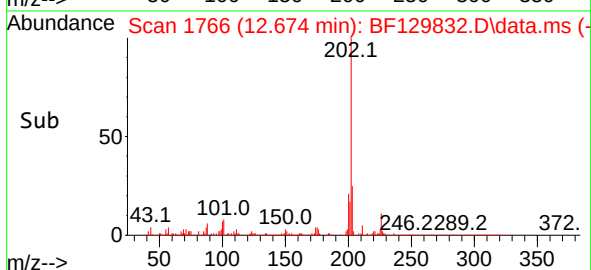
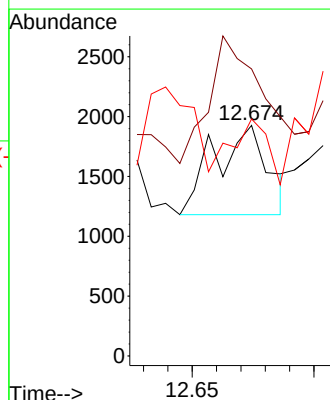
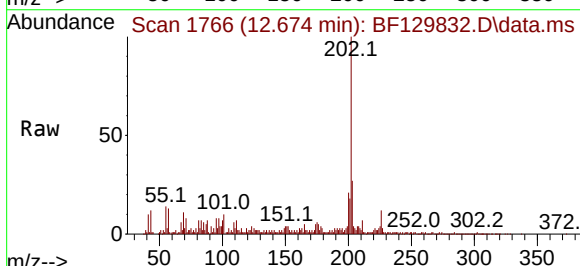
Tgt Ion:184 Resp: 1140

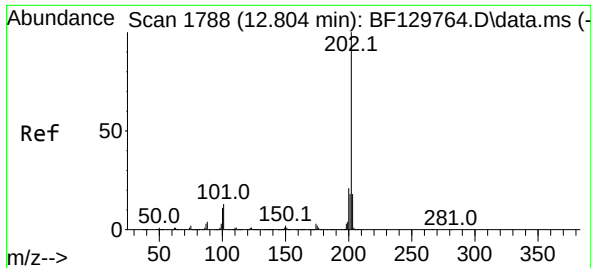
Ion Ratio Lower Upper

184 100

185 124.4 11.4 17.2#

183 102.8 9.4 14.2#

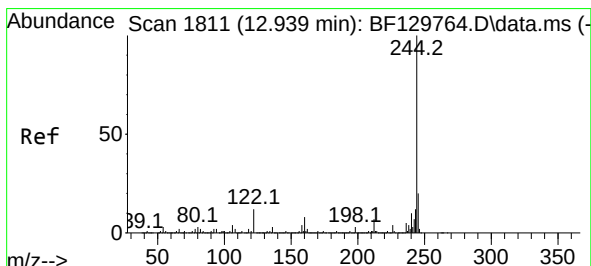
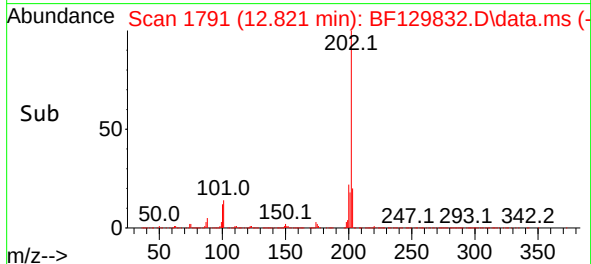
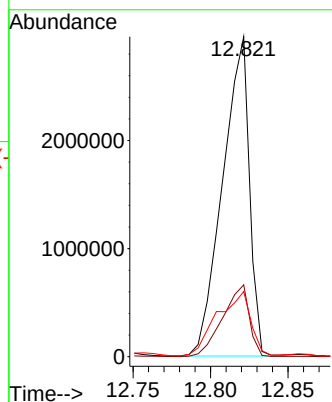
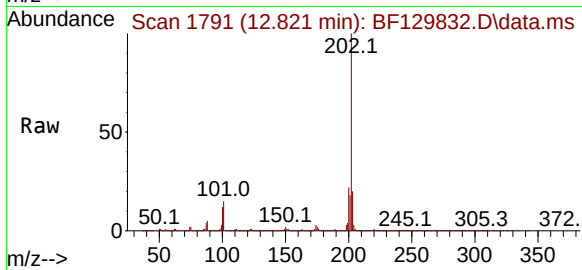




#78
 Pyrene
 Concen: 195.672 ng
 RT: 12.821 min Scan# 1791
 Delta R.T. 0.018 min
 Lab File: BF129832.D
 Acq: 17 Aug 2022 02:38

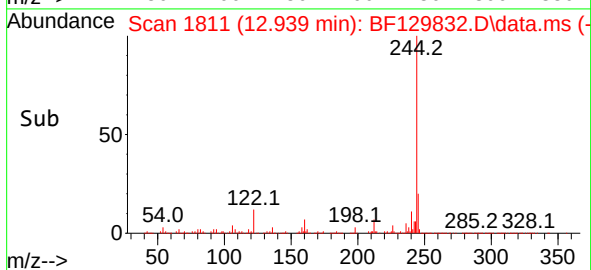
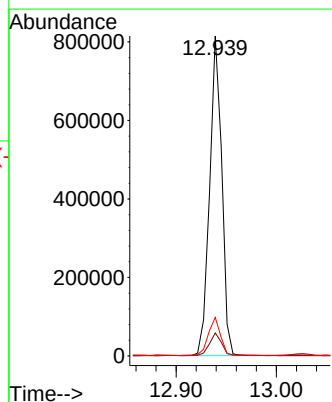
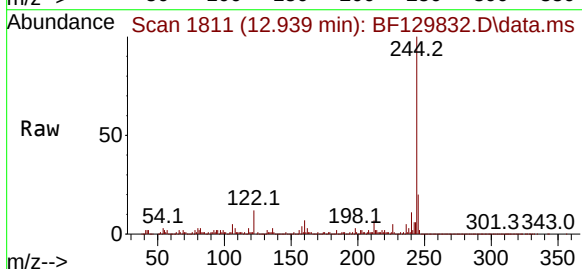
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081522

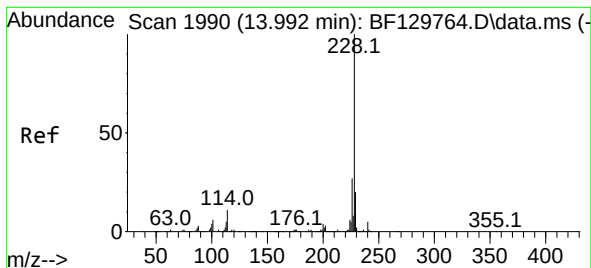
Tgt Ion:202 Resp: 3545080
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.0 25.6
 203 20.3 14.1 21.1



#79
 Terphenyl-d14
 Concen: 54.908 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129832.D
 Acq: 17 Aug 2022 02:38

Tgt Ion:244 Resp: 687985
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.1 9.9 14.9





#81

Benzo(a)anthracene

Concen: 109.940 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.012 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

Instrument :

BNA_F

ClientSampleId :

OR-02-081522

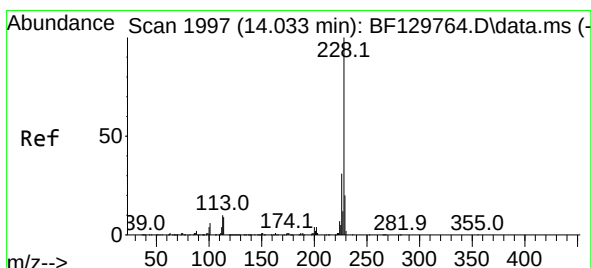
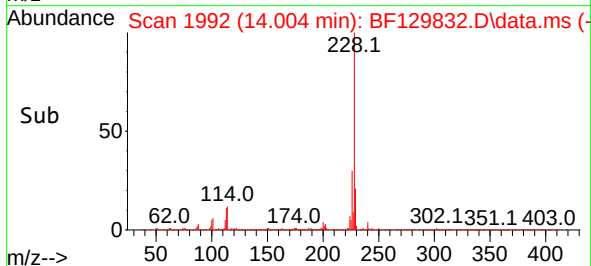
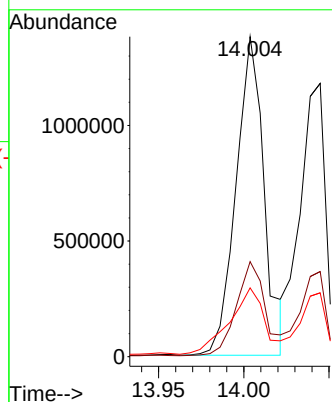
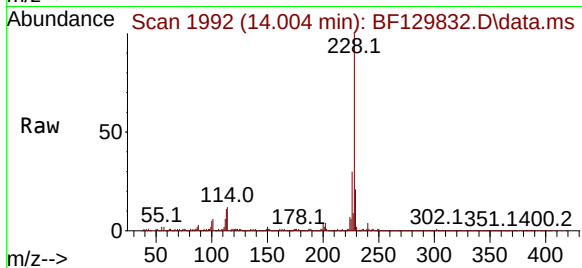
Tgt Ion:228 Resp: 1576761

Ion Ratio Lower Upper

228 100

226 29.7 21.4 32.0

229 21.5 16.1 24.1



#83

Chrysene

Concen: 91.671 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.012 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

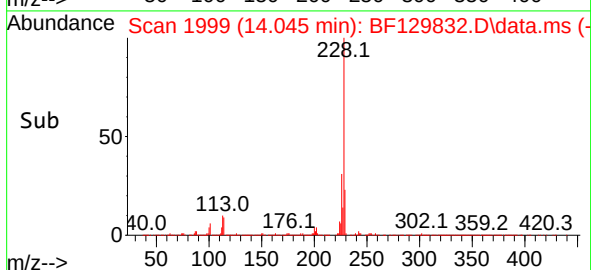
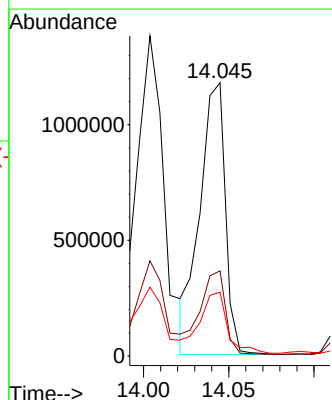
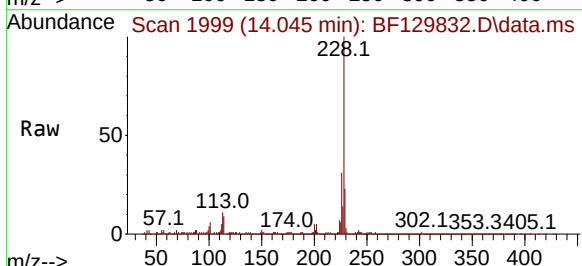
Tgt Ion:228 Resp: 1230700

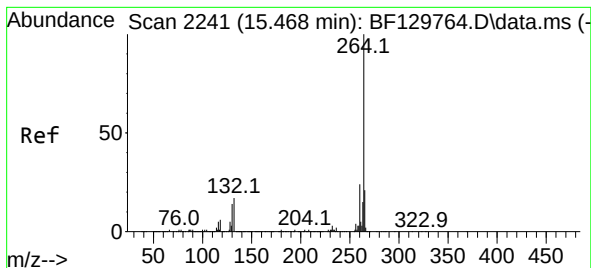
Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 23.4 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

Instrument :

BNA_F

ClientSampleId :

OR-02-081522

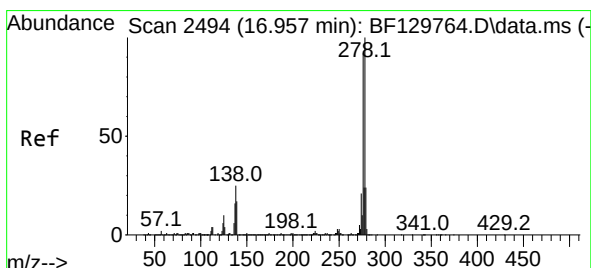
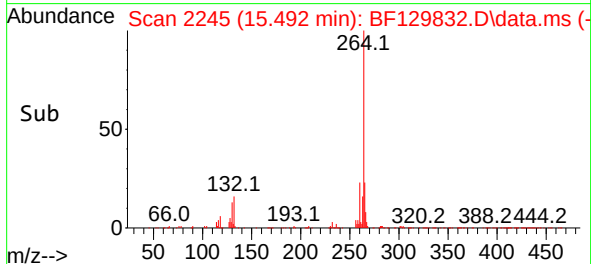
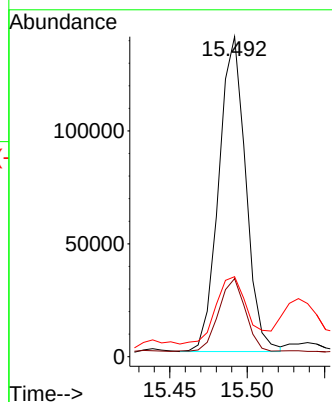
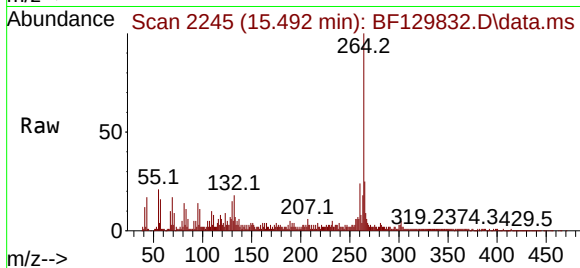
Tgt Ion:264 Resp: 168786

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 25.0 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 48.113 ng

RT: 16.986 min Scan# 2499

Delta R.T. 0.029 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

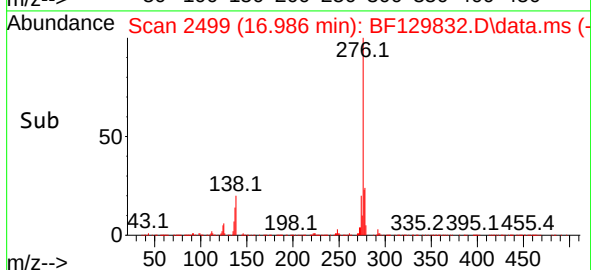
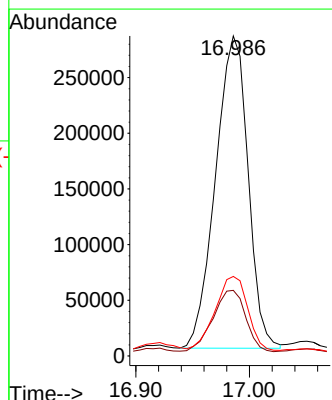
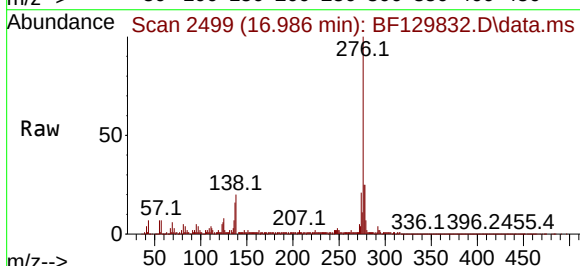
Tgt Ion:276 Resp: 557507

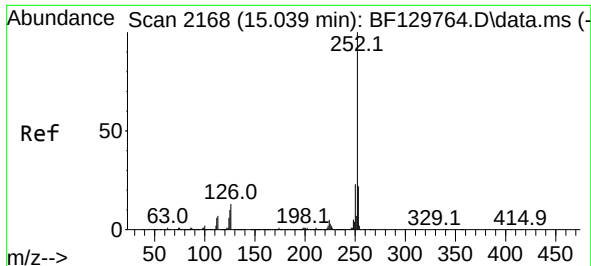
Ion Ratio Lower Upper

276 100

138 20.3 19.8 29.8

277 24.0 20.4 30.6

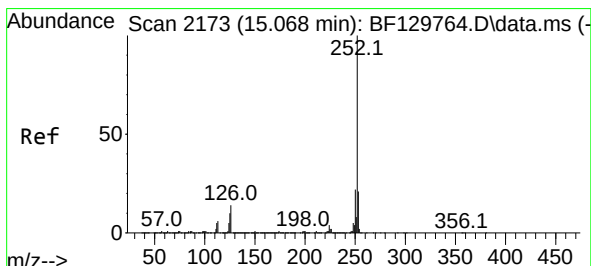
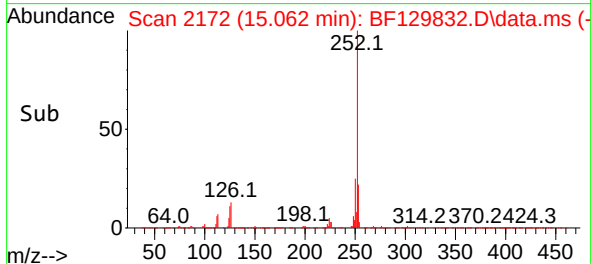
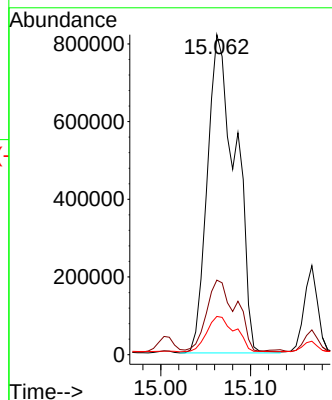
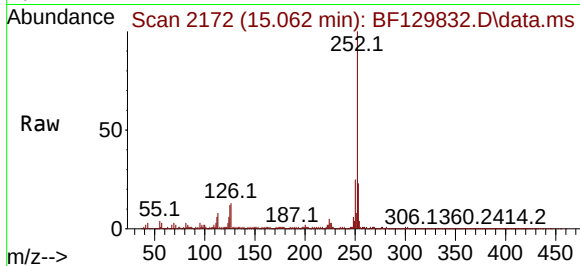




#88
Benzo(b)fluoranthene
Concen: 155.639 ng
RT: 15.062 min Scan# 2172
Delta R.T. 0.023 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

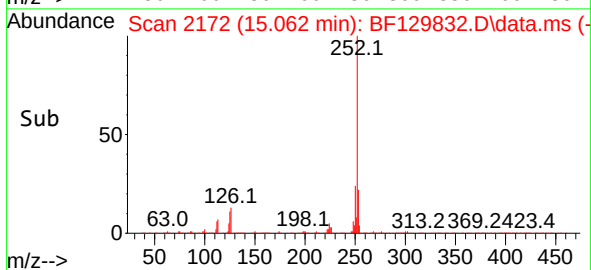
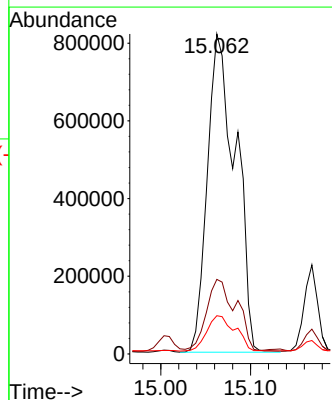
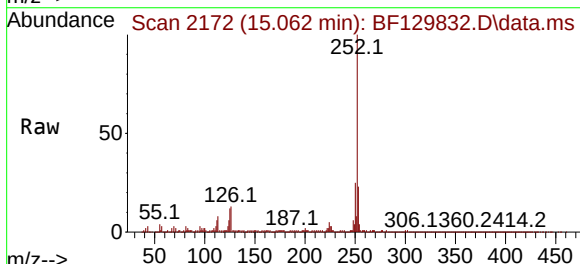
Instrument :
BNA_F
ClientSampleId :
OR-02-081522

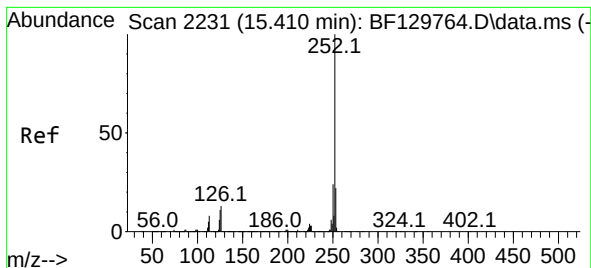
Tgt Ion:252 Resp: 1798822
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 11.9 8.3 12.5



#89
Benzo(k)fluoranthene
Concen: 162.291 ng
RT: 15.062 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129832.D
Acq: 17 Aug 2022 02:38

Tgt Ion:252 Resp: 1798822
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 11.9 8.3 12.5





#90

Benzo(a)pyrene

Concen: 110.693 ng

RT: 15.433 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

Instrument :

BNA_F

ClientSampleId :

OR-02-081522

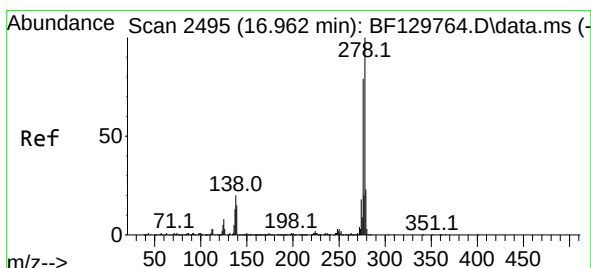
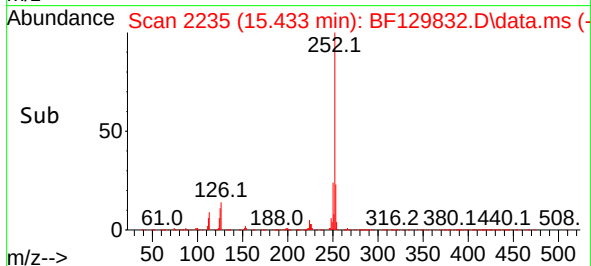
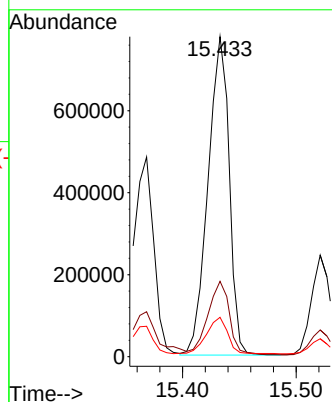
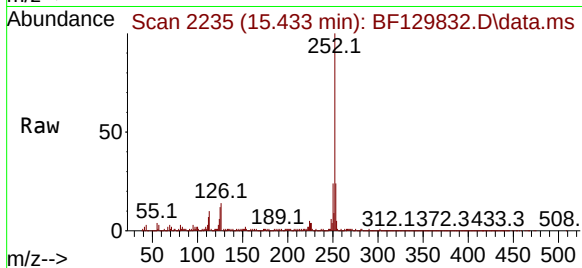
Tgt Ion:252 Resp: 1007482

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 12.3 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 15.153 ng

RT: 16.986 min Scan# 2499

Delta R.T. 0.023 min

Lab File: BF129832.D

Acq: 17 Aug 2022 02:38

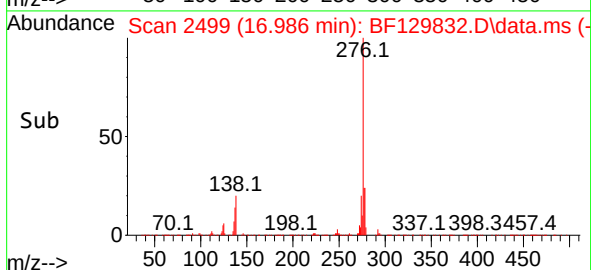
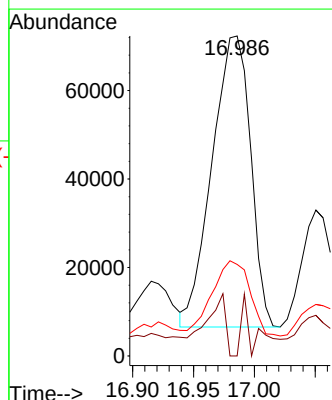
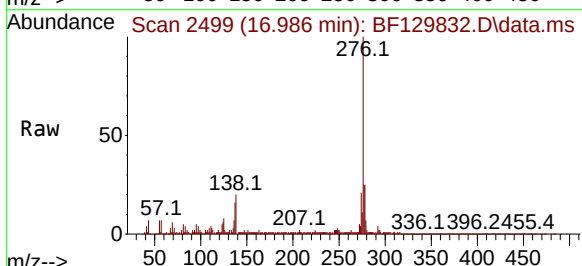
Tgt Ion:278 Resp: 144872

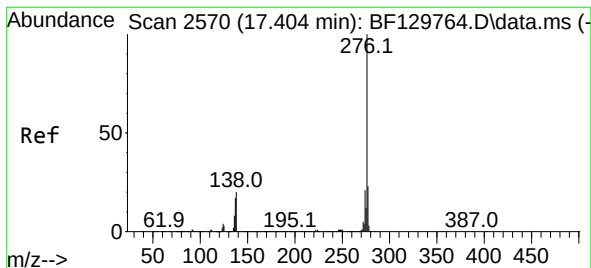
Ion Ratio Lower Upper

278 100

139 0.0 12.2 18.4#

279 28.6 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 55.249 ng

RT: 17.439 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF129832.D

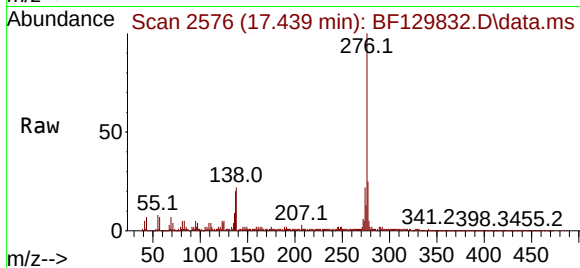
Acq: 17 Aug 2022 02:38

Instrument :

BNA_F

ClientSampleId :

OR-02-081522



Tgt Ion:276 Resp: 526989

Ion Ratio Lower Upper

276 100

277 24.6 18.2 27.4

138 22.2 15.8 23.8

