

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129672.D
 Acq On : 09 Aug 2022 18:18
 Operator : CG\JU
 Sample : N3962-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-198

Quant Time: Aug 10 05:32:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

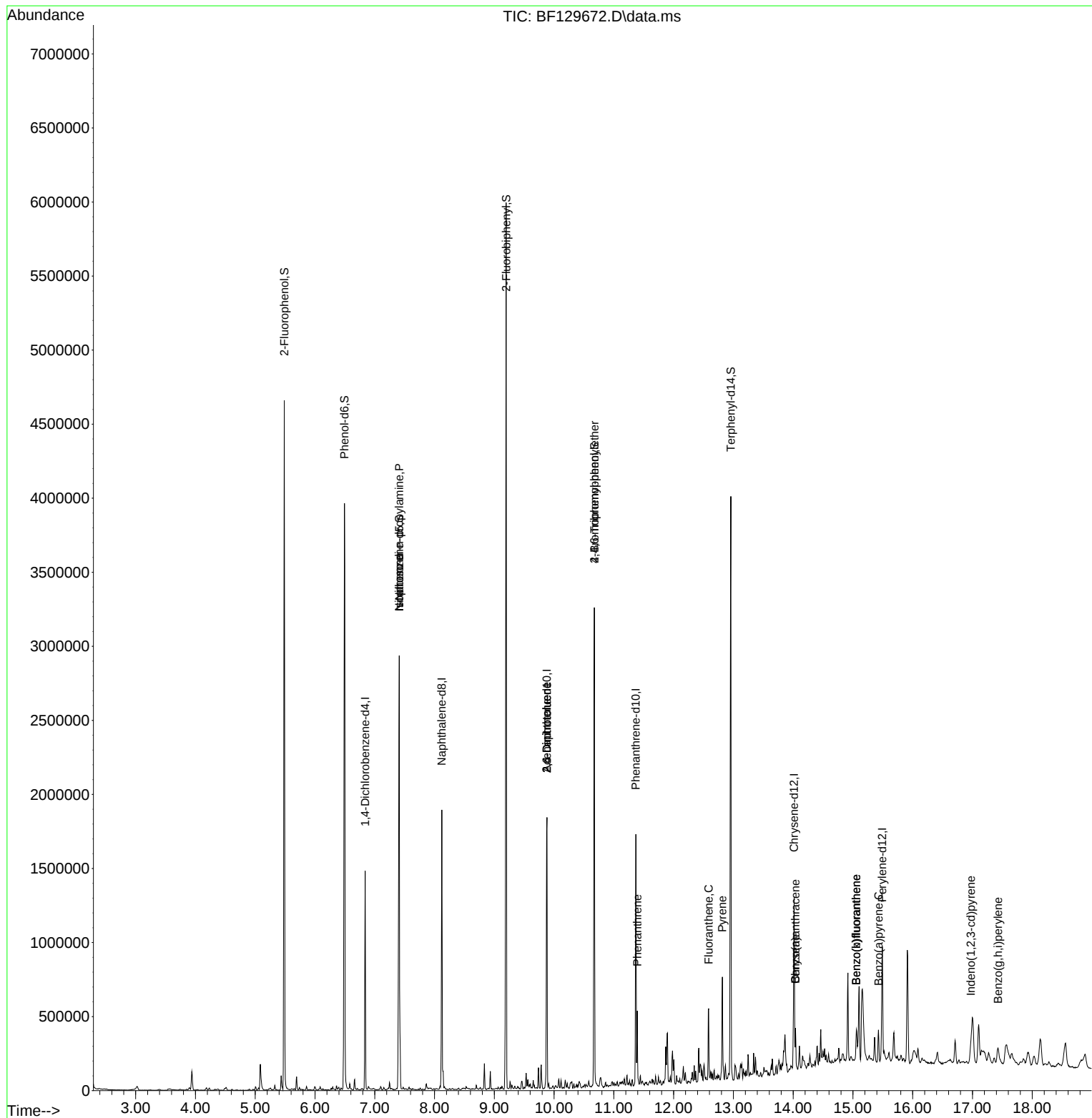
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	197935	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	777479	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	384350	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	560642	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	330384	20.000	ng	-0.01
86) Perylene-d12	15.492	264	334462	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1247653	102.681	ng	0.00
7) Phenol-d6	6.492	99	1557607	101.986	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1001294	70.303	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	364955	98.764	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1727265	69.520	ng	-0.01
79) Terphenyl-d14	12.957	244	1295499	73.976	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	143877	15.561	ng	# 73
25) Isophorone	7.410	82	996566	39.035	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	51359	8.648	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	51359	6.620	ng	# 21
67) 4-Bromophenyl-phenylether	10.674	248	23339	3.802	ng	# 1
71) Phenanthrene	11.392	178	165146	5.396	ng	97
75) Fluoranthene	12.586	202	178481	5.756	ng	99
78) Pyrene	12.816	202	253921	9.191	ng	98
81) Benzo(a)anthracene	14.039	228	103602	4.591	ng	96
83) Chrysene	14.039	228	103602	4.871	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	56887	2.526	ng	97
88) Benzo(b)fluoranthene	15.057	252	144112	6.496	ng	# 95
89) Benzo(k)fluoranthene	15.057	252	144112	6.628	ng	96
90) Benzo(a)pyrene	15.427	252	92728	5.149	ng	98
92) Benzo(g,h,i)perylene	17.427	276	69023	3.685	ng	98

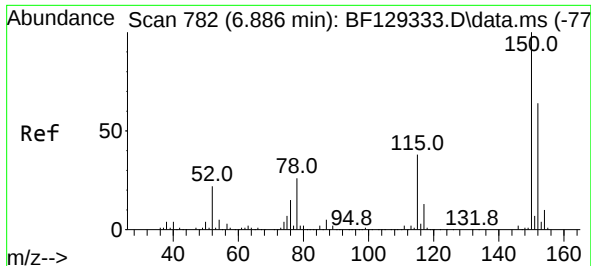
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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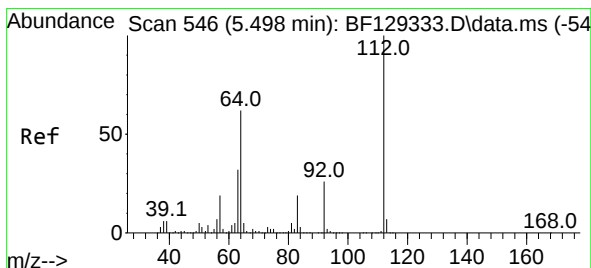
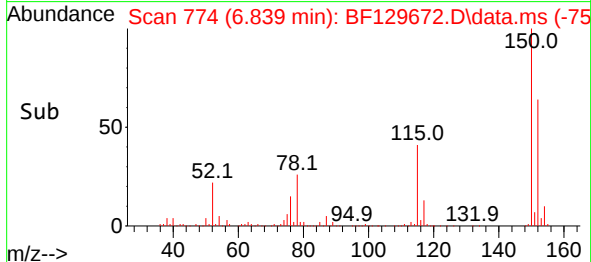
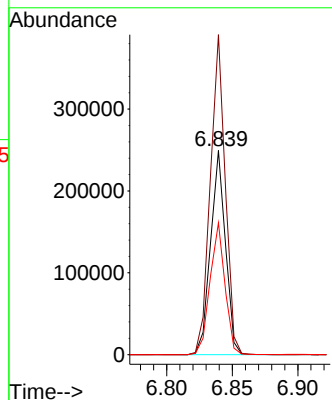
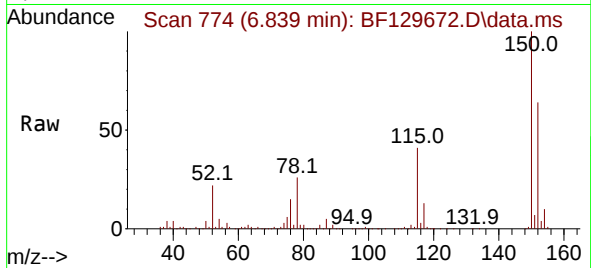




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129672.D
 Acq: 09 Aug 2022 18:18

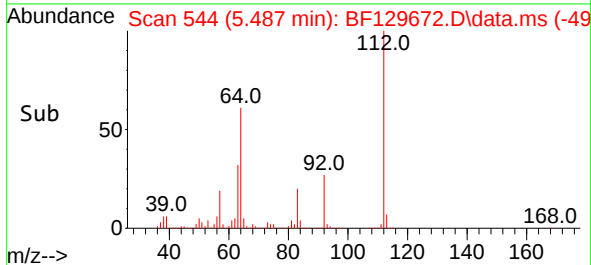
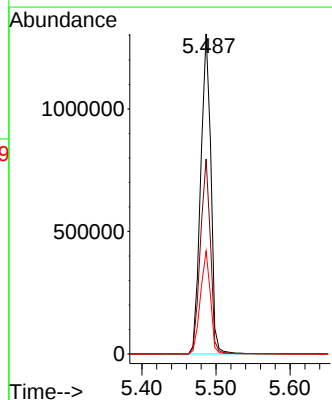
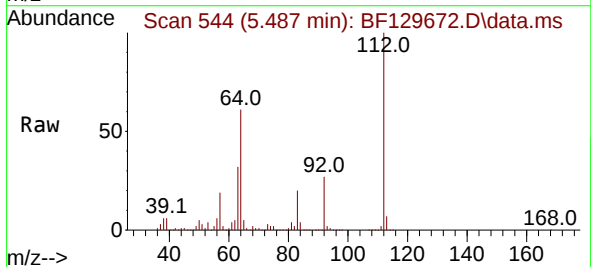
Instrument :
 BNA_F
 ClientSampleId :
 RVE-198

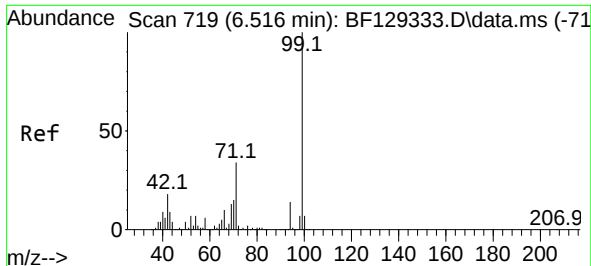
Tgt Ion:152 Resp: 197935
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.7 185.5
 115 64.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 102.681 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129672.D
 Acq: 09 Aug 2022 18:18

Tgt Ion:112 Resp: 1247653
 Ion Ratio Lower Upper
 112 100
 64 60.9 53.3 79.9
 63 32.2 28.0 42.0



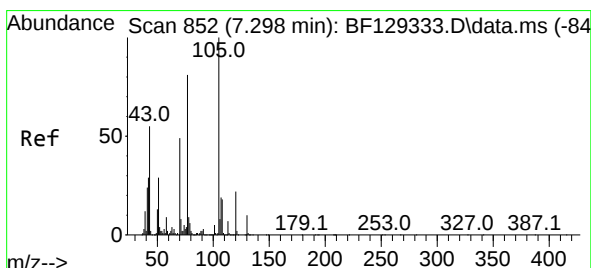
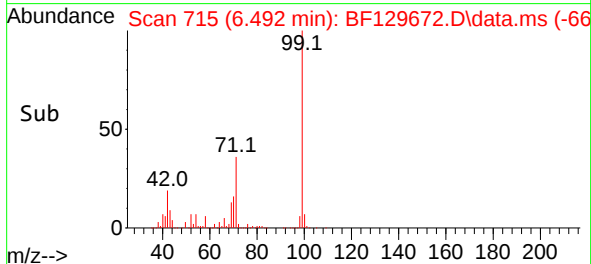
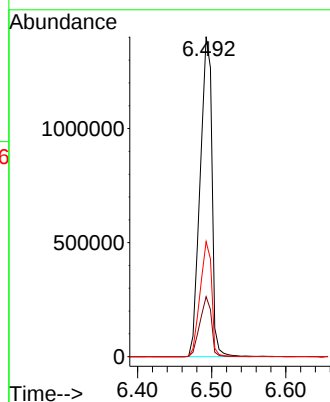
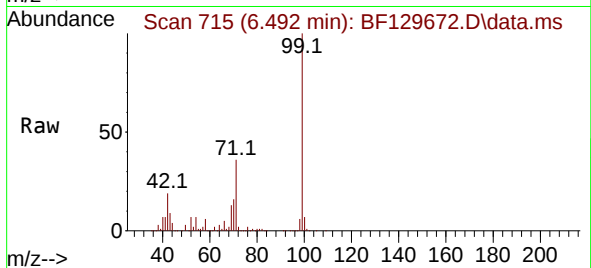


#7
Phenol-d6
Concen: 101.986 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Instrument :
BNA_F
ClientSampleId :
RVE-198

Tgt Ion: 99 Resp: 1557607

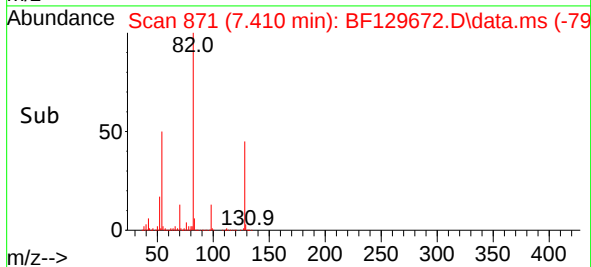
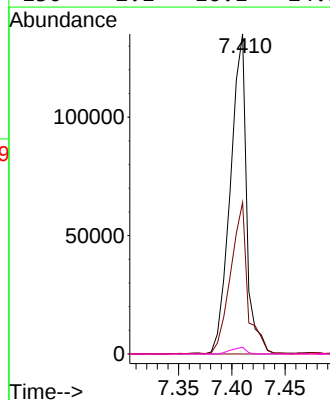
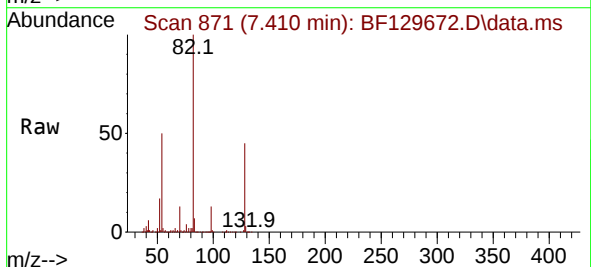
Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.3	25.9
71	36.0	28.9	43.3

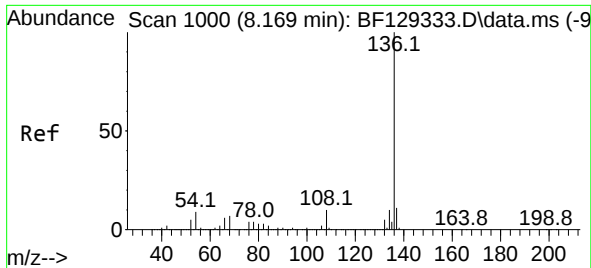


#19
n-Nitroso-di-n-propylamine
Concen: 15.561 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Tgt Ion: 70 Resp: 143877

Ion	Ratio	Lower	Upper
70	100		
42	47.4	52.3	78.5#
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#



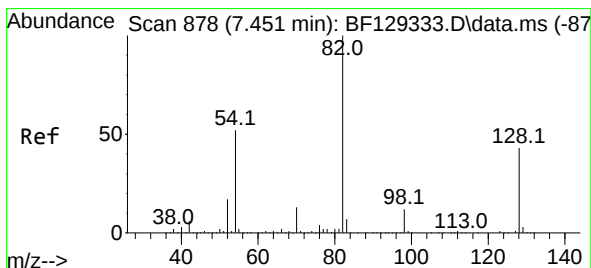
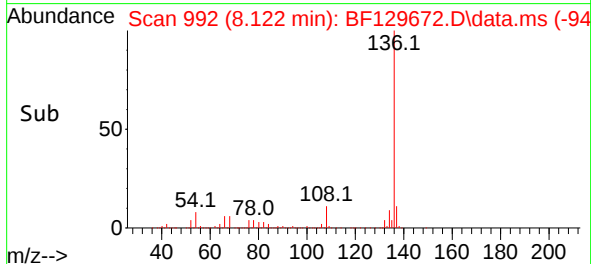
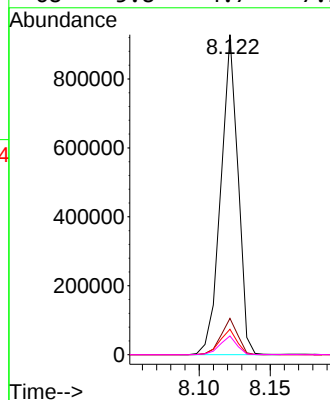
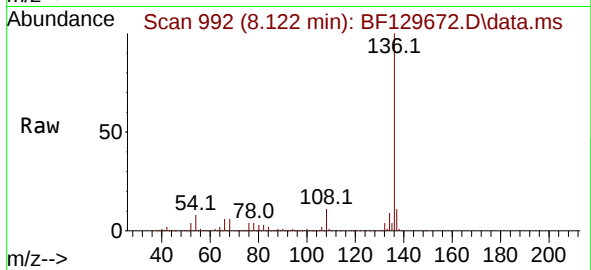


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Instrument :
BNA_F
ClientSampleId :
RVE-198

Tgt Ion:136 Resp: 777479

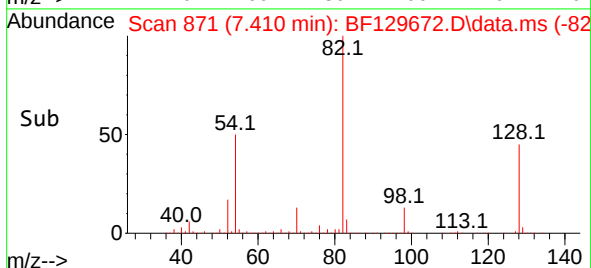
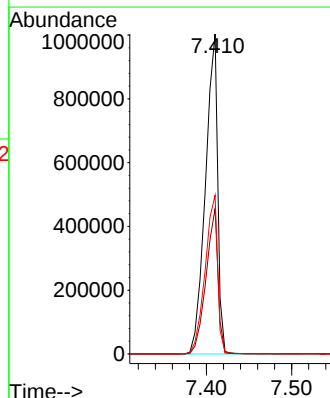
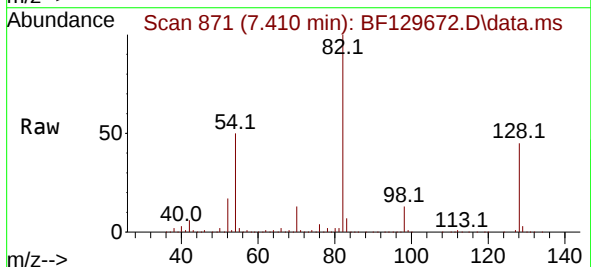
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.0	7.5	11.3
68	5.8	4.7	7.1

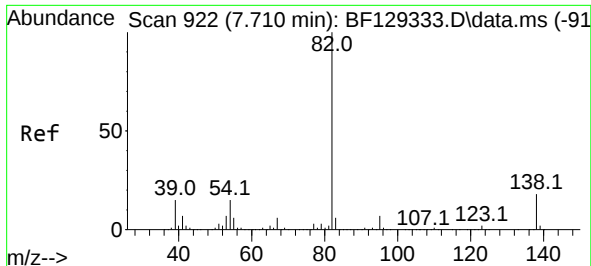


#23
Nitrobenzene-d5
Concen: 70.303 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Tgt Ion: 82 Resp: 1001294

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	49.6	46.9	70.3

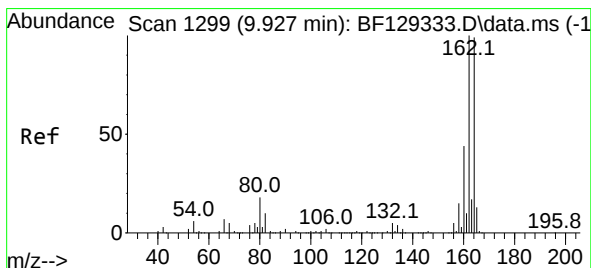
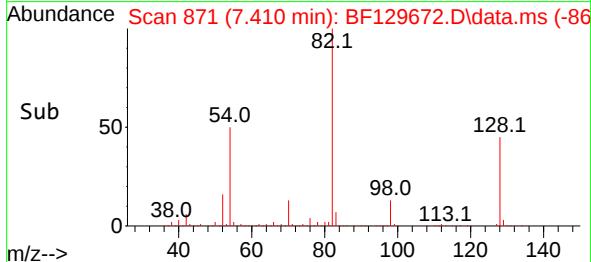
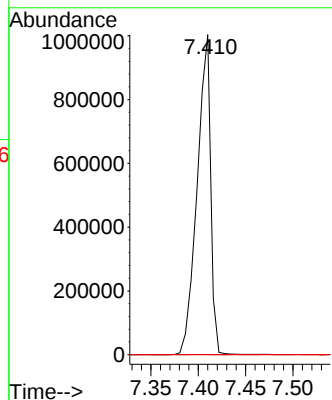
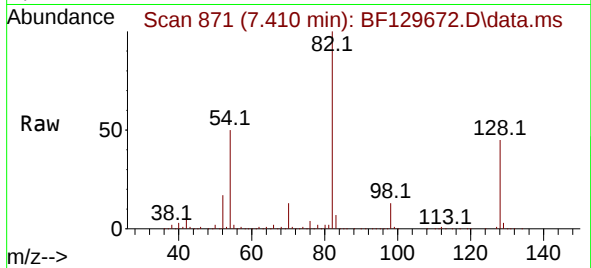




#25
Isophorone
Concen: 39.035 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

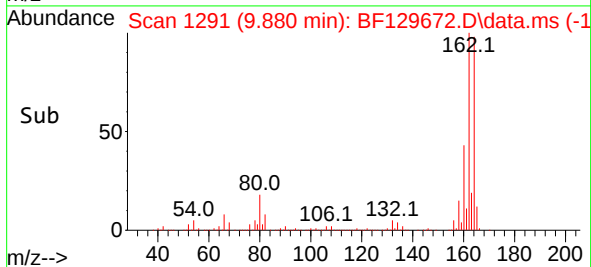
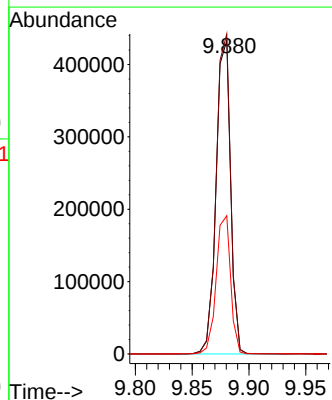
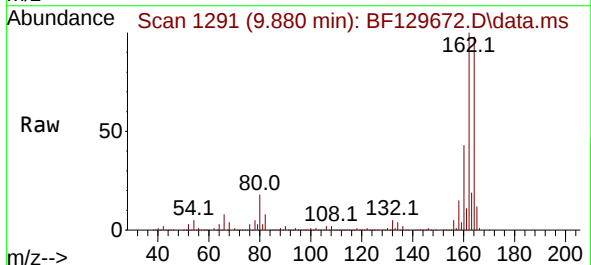
Instrument :
BNA_F
ClientSampleId :
RVE-198

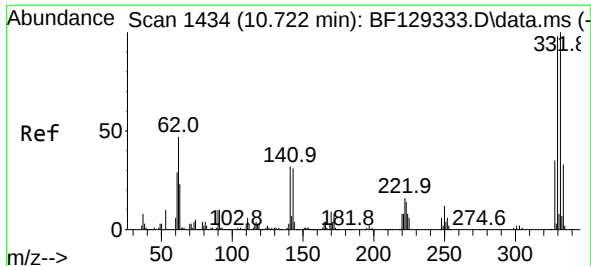
Tgt Ion: 82 Resp: 996566
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Tgt Ion: 164 Resp: 384350
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.764 ng

RT: 10.674 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

Instrument :

BNA_F

ClientSampleId :

RVE-198

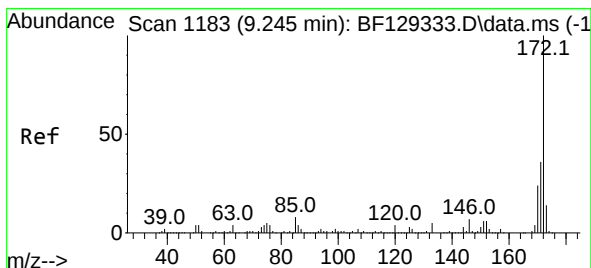
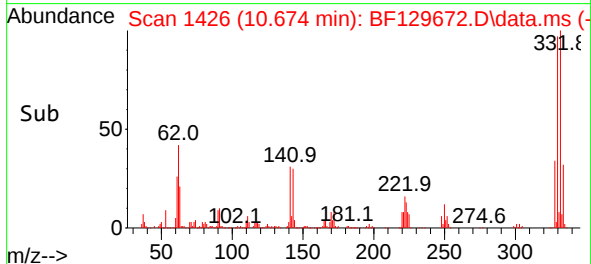
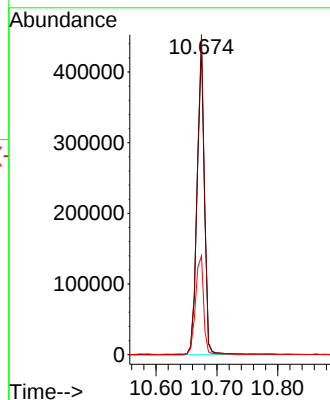
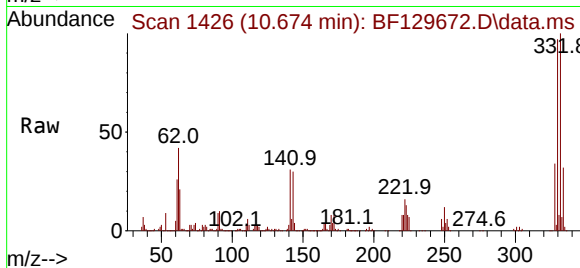
Tgt Ion:330 Resp: 364955

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 35.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 69.520 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

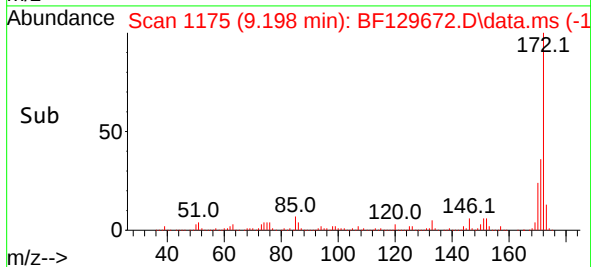
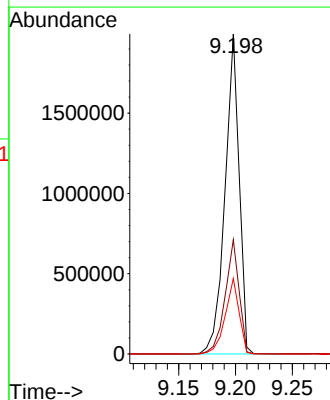
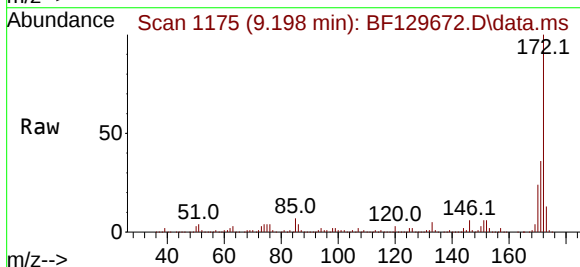
Tgt Ion:172 Resp: 1727265

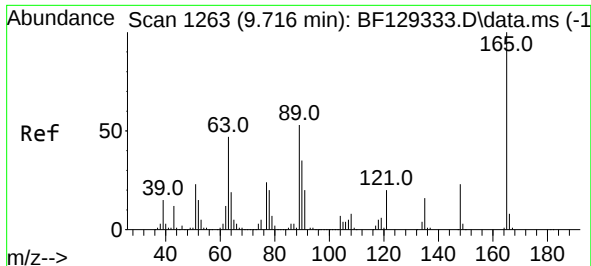
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.648 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

Instrument :

BNA_F

ClientSampleId :

RVE-198

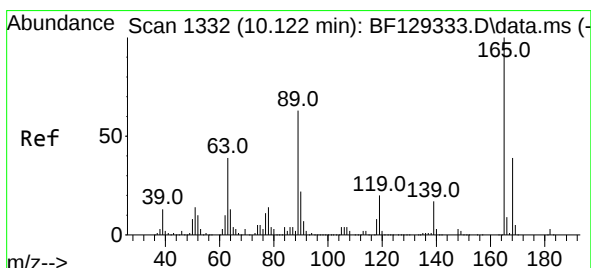
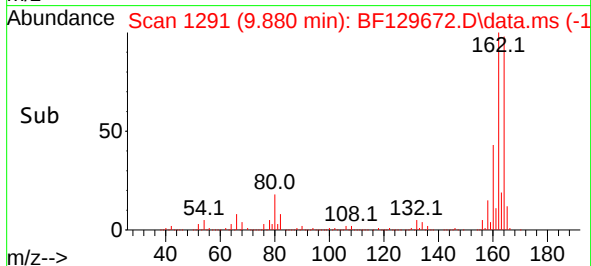
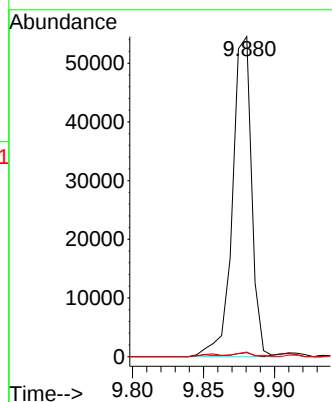
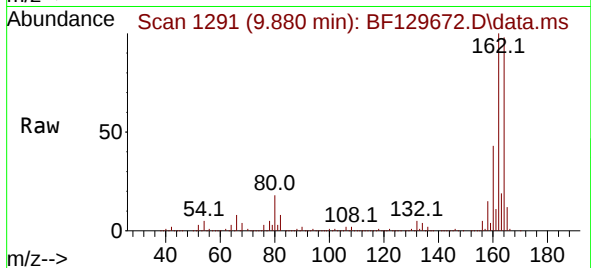
Tgt Ion:165 Resp: 51359

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.620 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

Tgt Ion:165 Resp: 51359

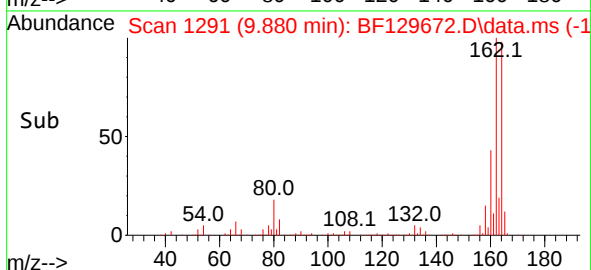
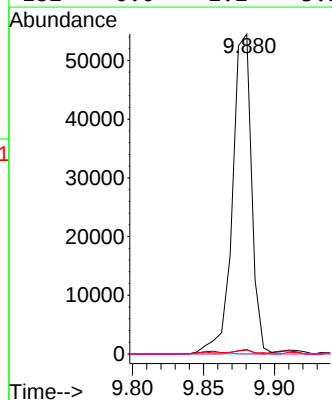
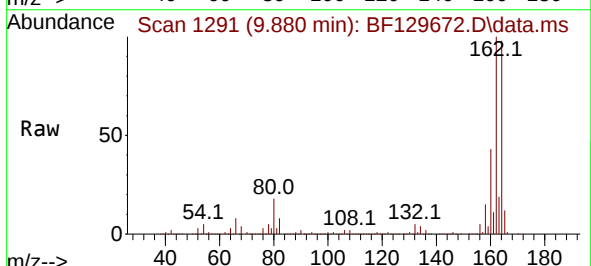
Ion Ratio Lower Upper

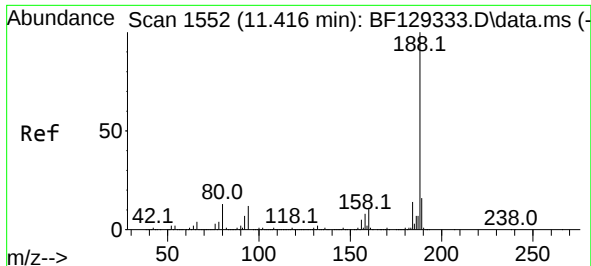
165 100

63 1.3 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

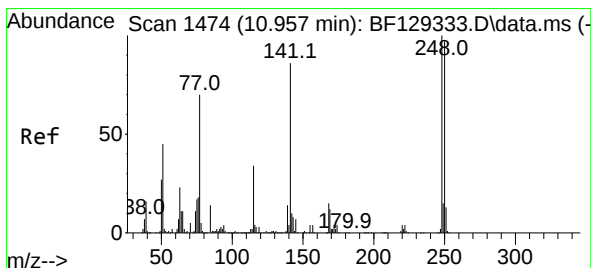
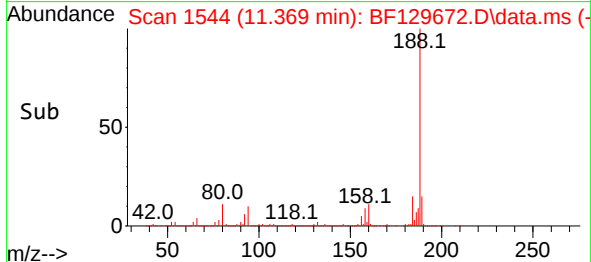
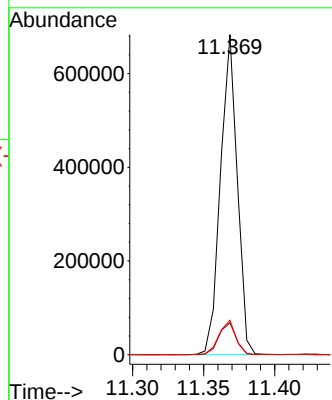
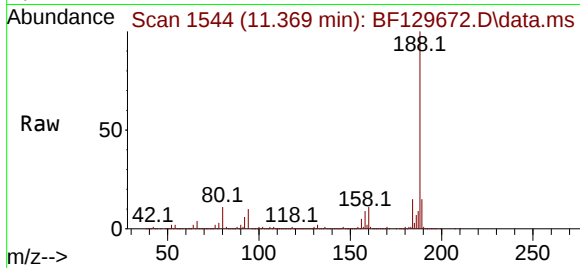




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

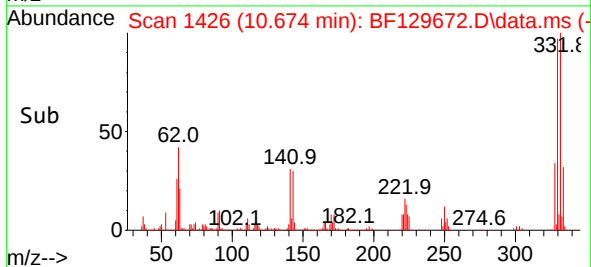
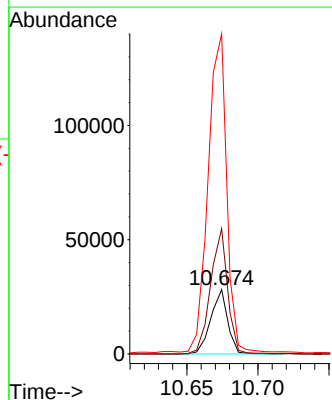
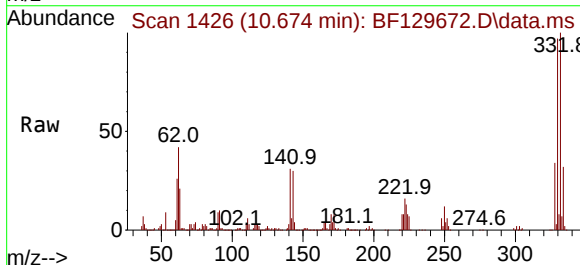
Instrument :
BNA_F
ClientSampleId :
RVE-198

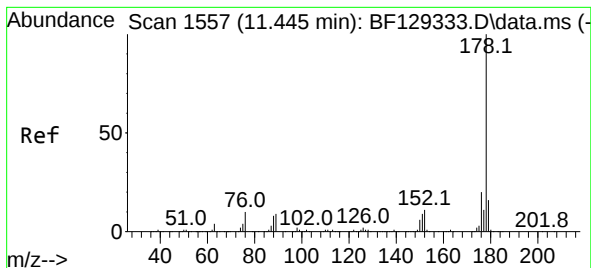
Tgt Ion:188 Resp: 560642
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.802 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Tgt Ion:248 Resp: 23339
Ion Ratio Lower Upper
248 100
250 194.6 80.6 120.8#
141 497.0 58.9 88.3#





#71

Phenanthrene

Concen: 5.396 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

Instrument :

BNA_F

ClientSampleId :

RVE-198

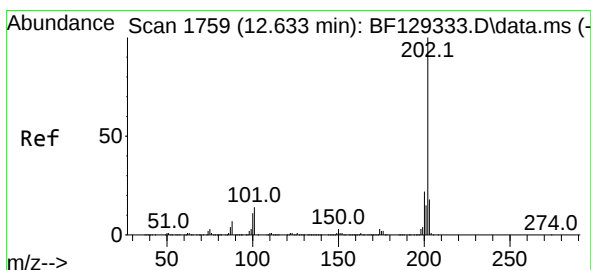
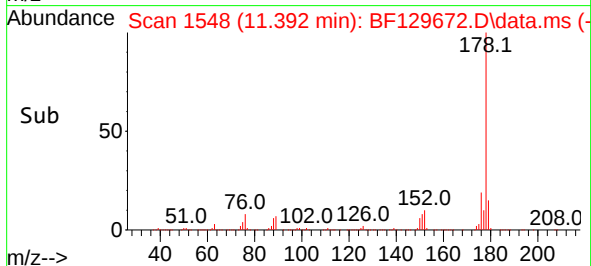
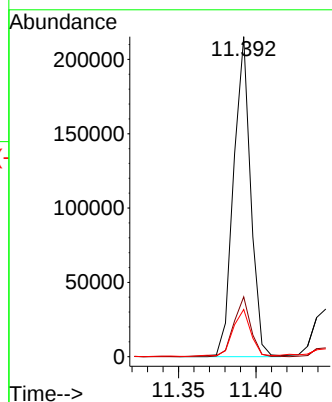
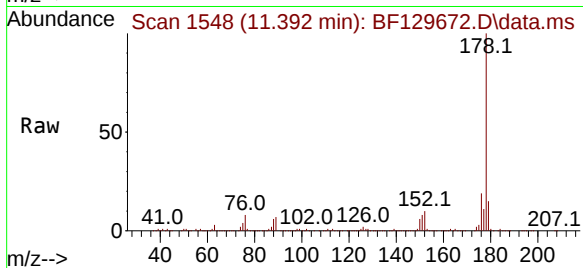
Tgt Ion:178 Resp: 165146

Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

179 14.8 12.6 19.0



#75

Fluoranthene

Concen: 5.756 ng

RT: 12.586 min Scan# 1751

Delta R.T. -0.012 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

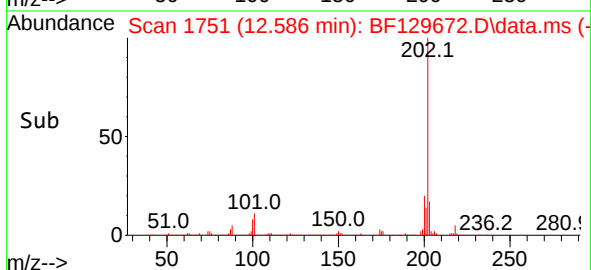
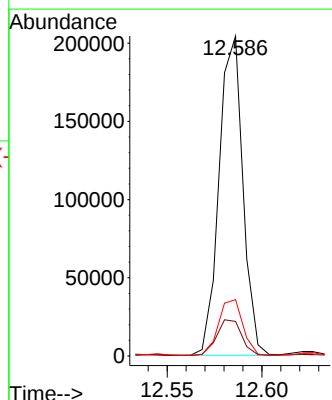
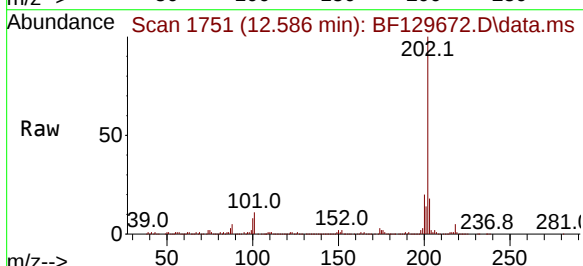
Tgt Ion:202 Resp: 178481

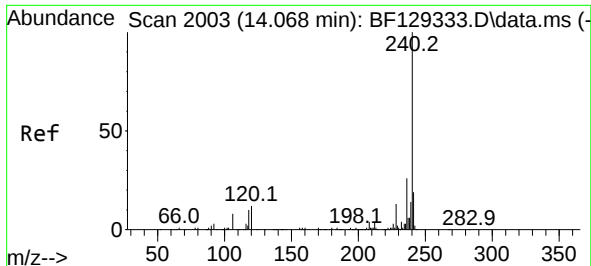
Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

203 17.6 0.0 38.0

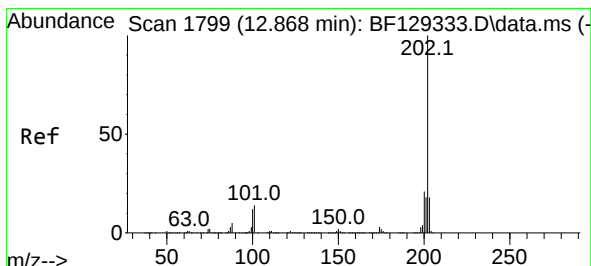
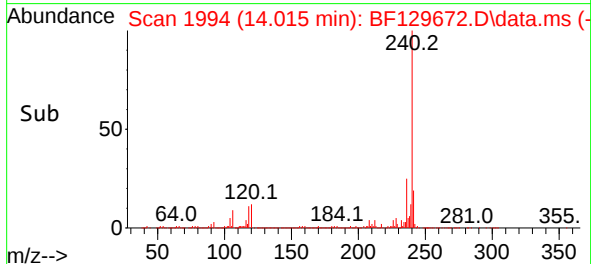
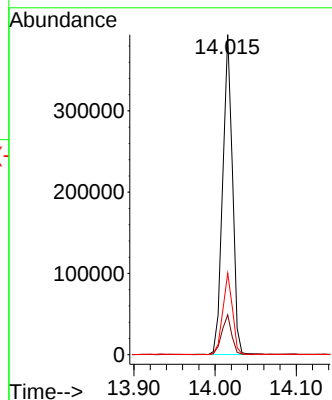
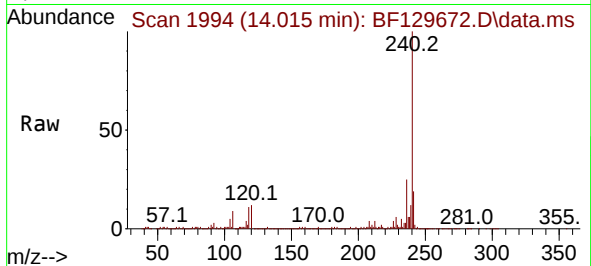




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

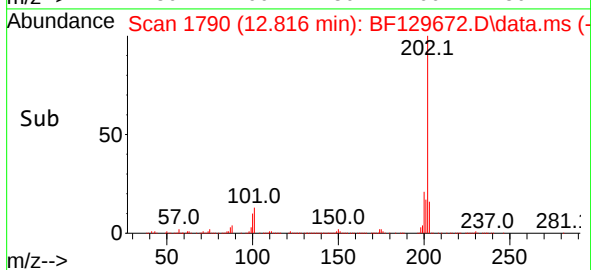
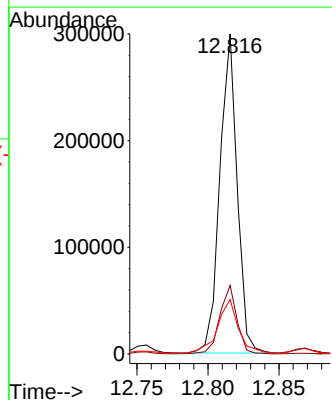
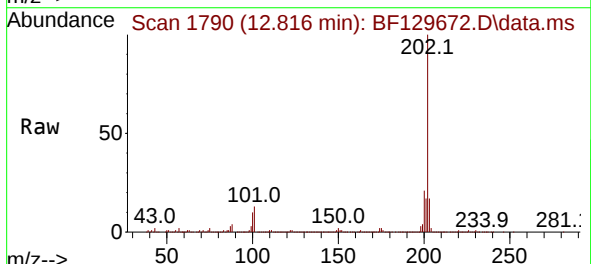
Instrument :
BNA_F
ClientSampleId :
RVE-198

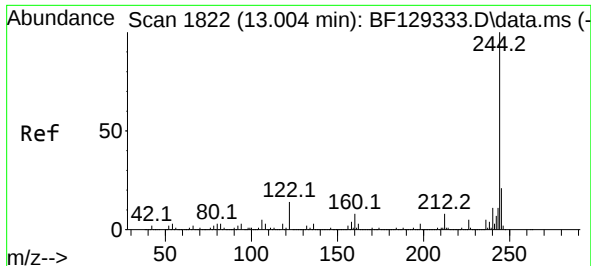
Tgt Ion:240 Resp: 330384
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.5 20.8 31.2



#78
Pyrene
Concen: 9.191 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Tgt Ion:202 Resp: 253921
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.0 14.6 21.8

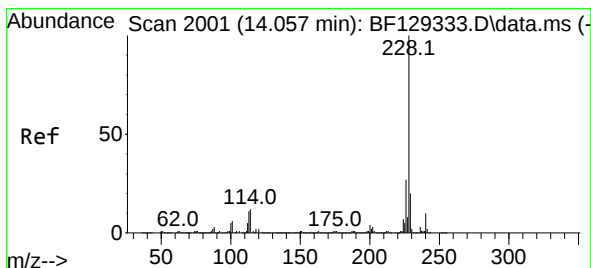
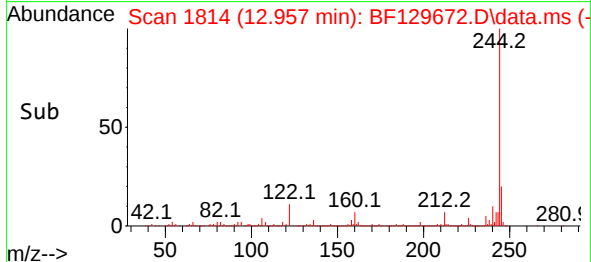
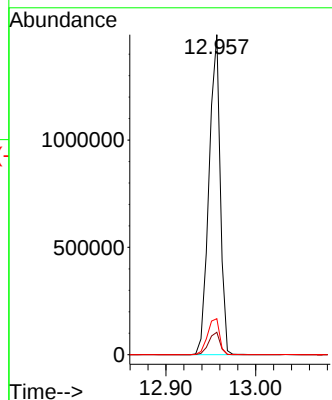
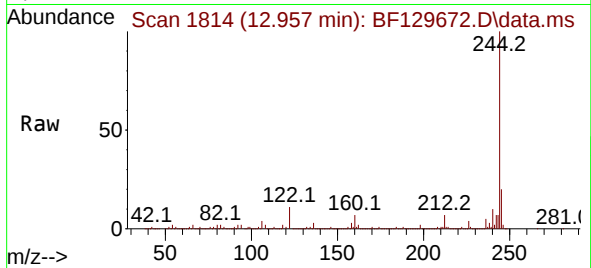




#79
 Terphenyl-d14
 Concen: 73.976 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF129672.D
 Acq: 09 Aug 2022 18:18

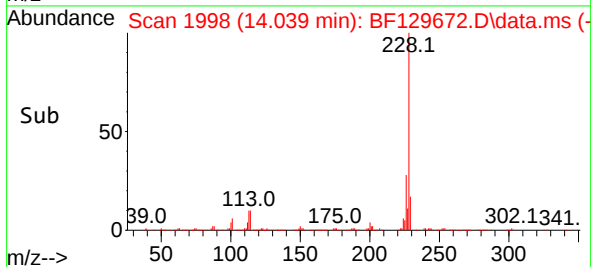
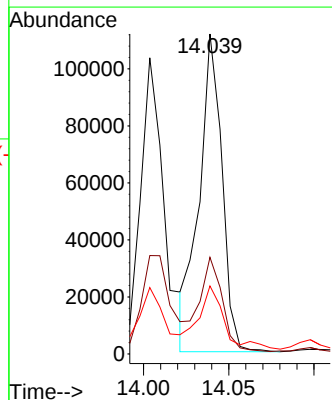
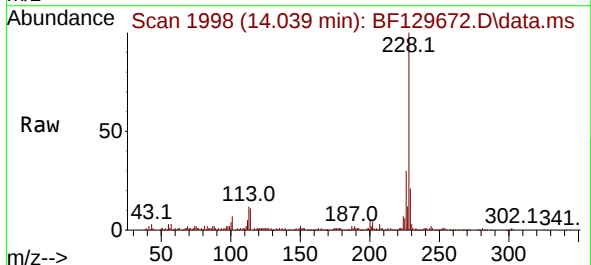
Instrument :
 BNA_F
 ClientSampleId :
 RVE-198

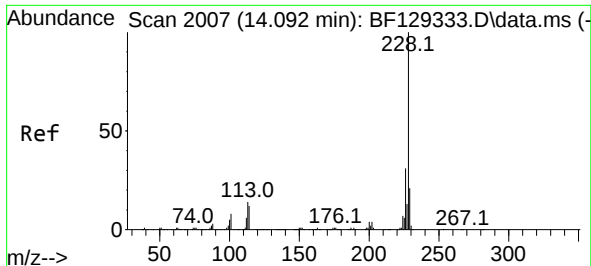
Tgt Ion:244 Resp: 1295499
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 11.3 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 4.591 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. 0.023 min
 Lab File: BF129672.D
 Acq: 09 Aug 2022 18:18

Tgt Ion:228 Resp: 103602
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.1 33.1
 229 21.2 15.8 23.8

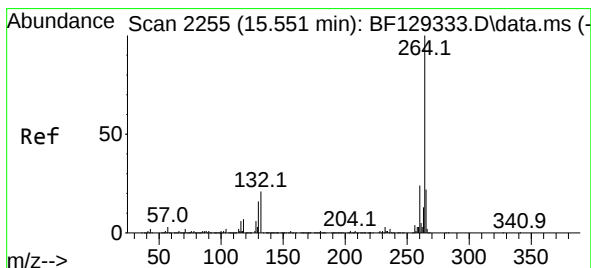
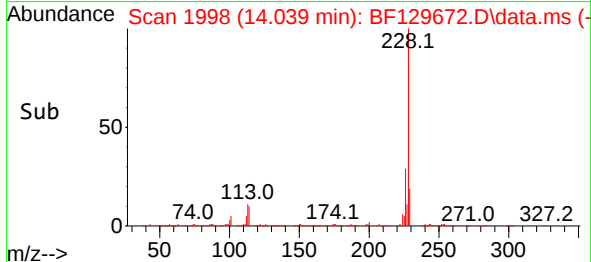
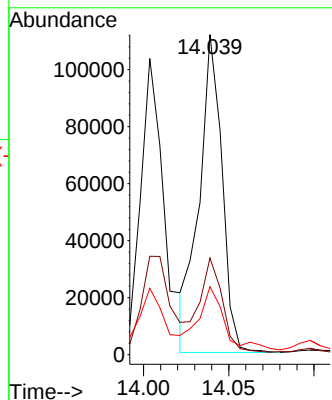
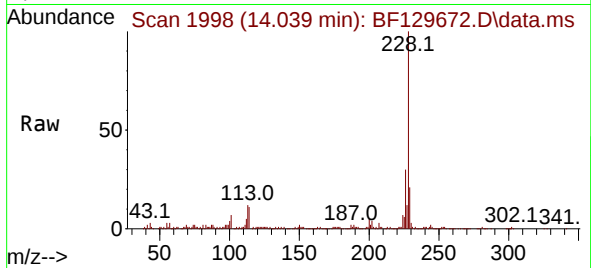




#83
Chrysene
Concen: 4.871 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

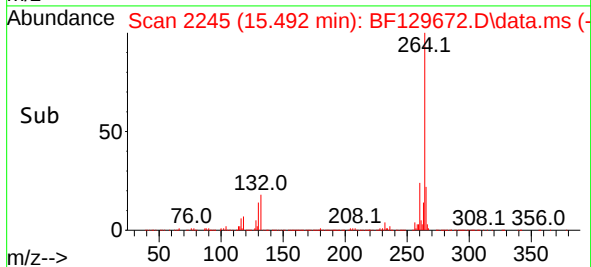
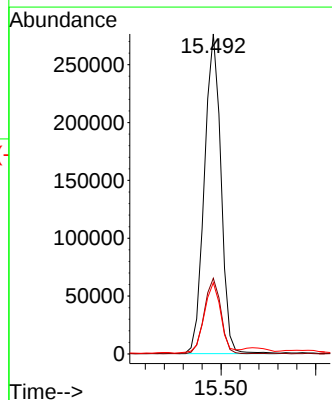
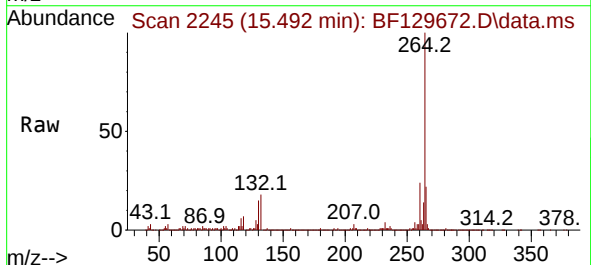
Instrument :
BNA_F
ClientSampleId :
RVE-198

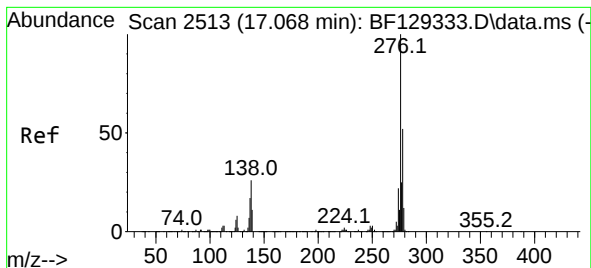
Tgt Ion:228 Resp: 103602
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129672.D
Acq: 09 Aug 2022 18:18

Tgt Ion:264 Resp: 334462
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.526 ng

RT: 16.974 min Scan# 2497

Delta R.T. -0.024 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

Instrument :

BNA_F

ClientSampleId :

RVE-198

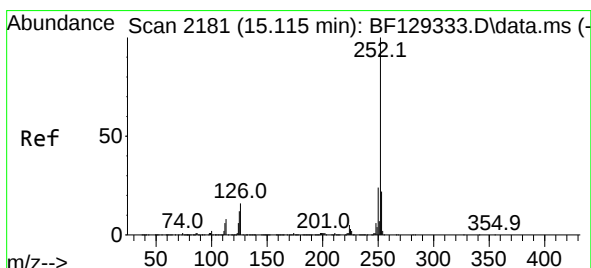
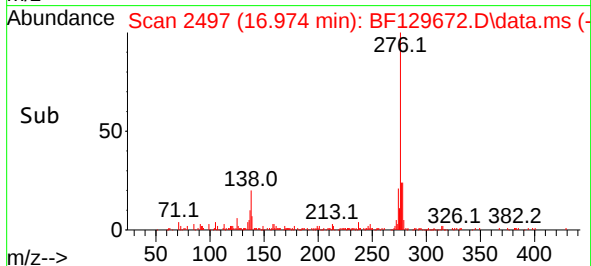
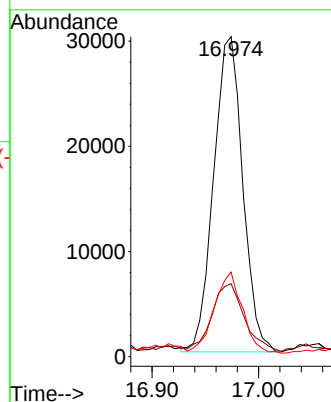
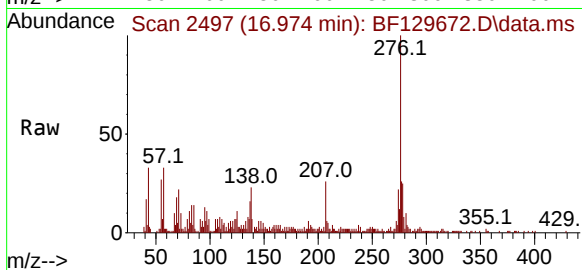
Tgt Ion:276 Resp: 56887

Ion Ratio Lower Upper

276 100

138 23.7 21.1 31.7

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 6.496 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.012 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

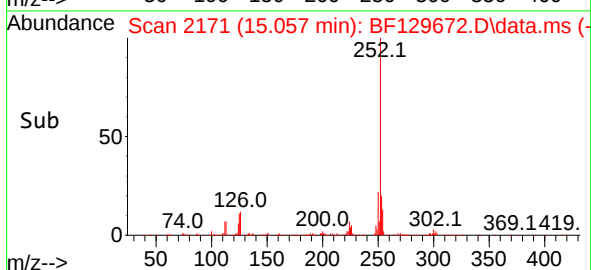
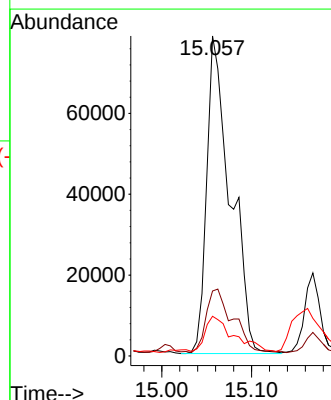
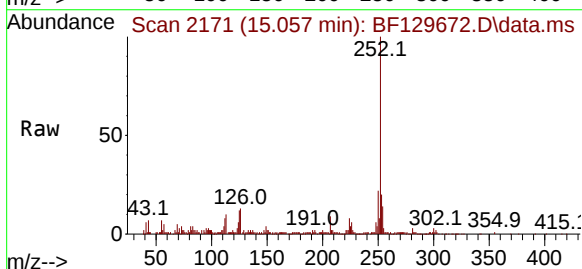
Tgt Ion:252 Resp: 144112

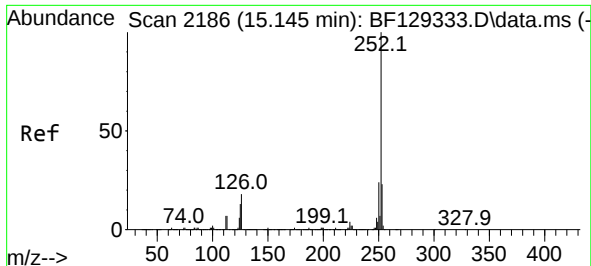
Ion Ratio Lower Upper

252 100

253 20.3 17.7 26.5

125 12.4 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 6.628 ng

RT: 15.057 min Scan# 2186

Delta R.T. -0.047 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

Instrument :

BNA_F

ClientSampleId :

RVE-198

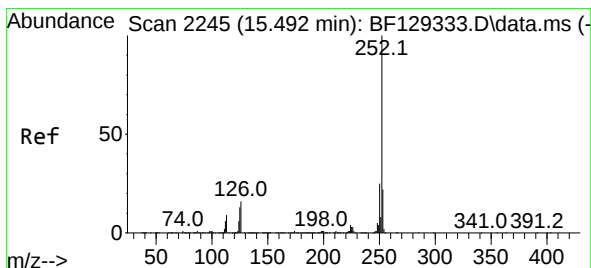
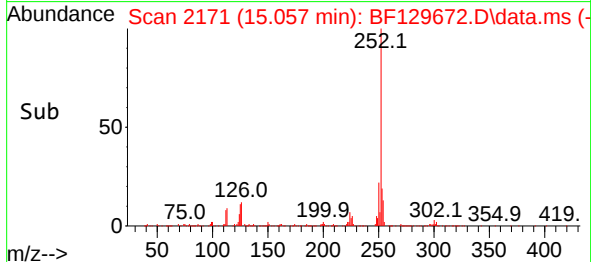
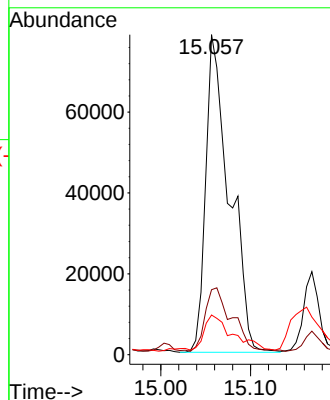
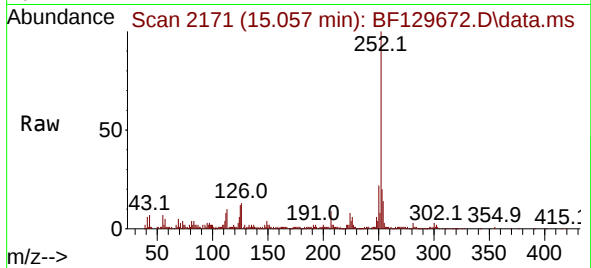
Tgt Ion:252 Resp: 144112

Ion Ratio Lower Upper

252 100

253 20.3 17.8 26.6

125 12.4 8.3 12.5



#90

Benzo(a)pyrene

Concen: 5.149 ng

RT: 15.427 min Scan# 2234

Delta R.T. -0.012 min

Lab File: BF129672.D

Acq: 09 Aug 2022 18:18

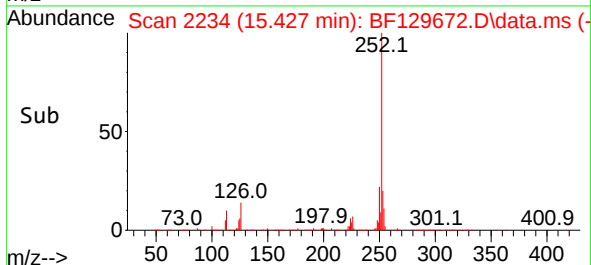
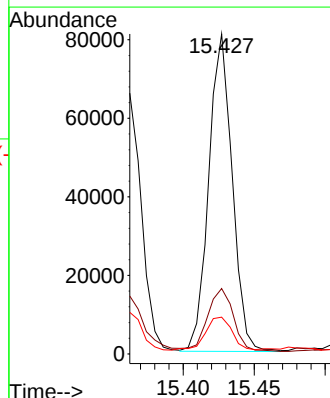
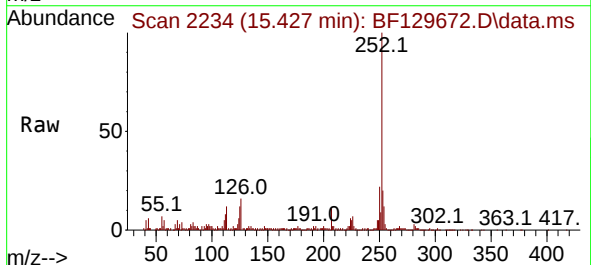
Tgt Ion:252 Resp: 92728

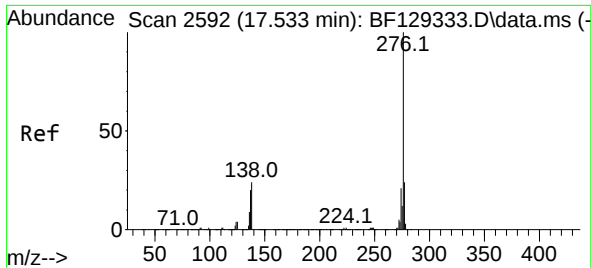
Ion Ratio Lower Upper

252 100

253 20.4 17.0 25.6

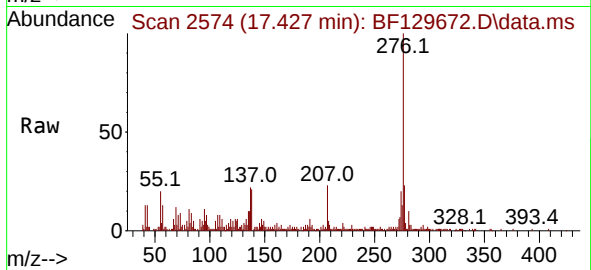
125 11.5 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.685 ng
 RT: 17.427 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF129672.D
 Acq: 09 Aug 2022 18:18

Instrument :
 BNA_F
 ClientSampleId :
 RVE-198



Tgt Ion: 276 Resp: 69023

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	21.1	18.0	27.0

