

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129641.D
 Acq On : 08 Aug 2022 20:33
 Operator : CG\JU
 Sample : N4064-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17

Quant Time: Aug 09 00:35:24 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)

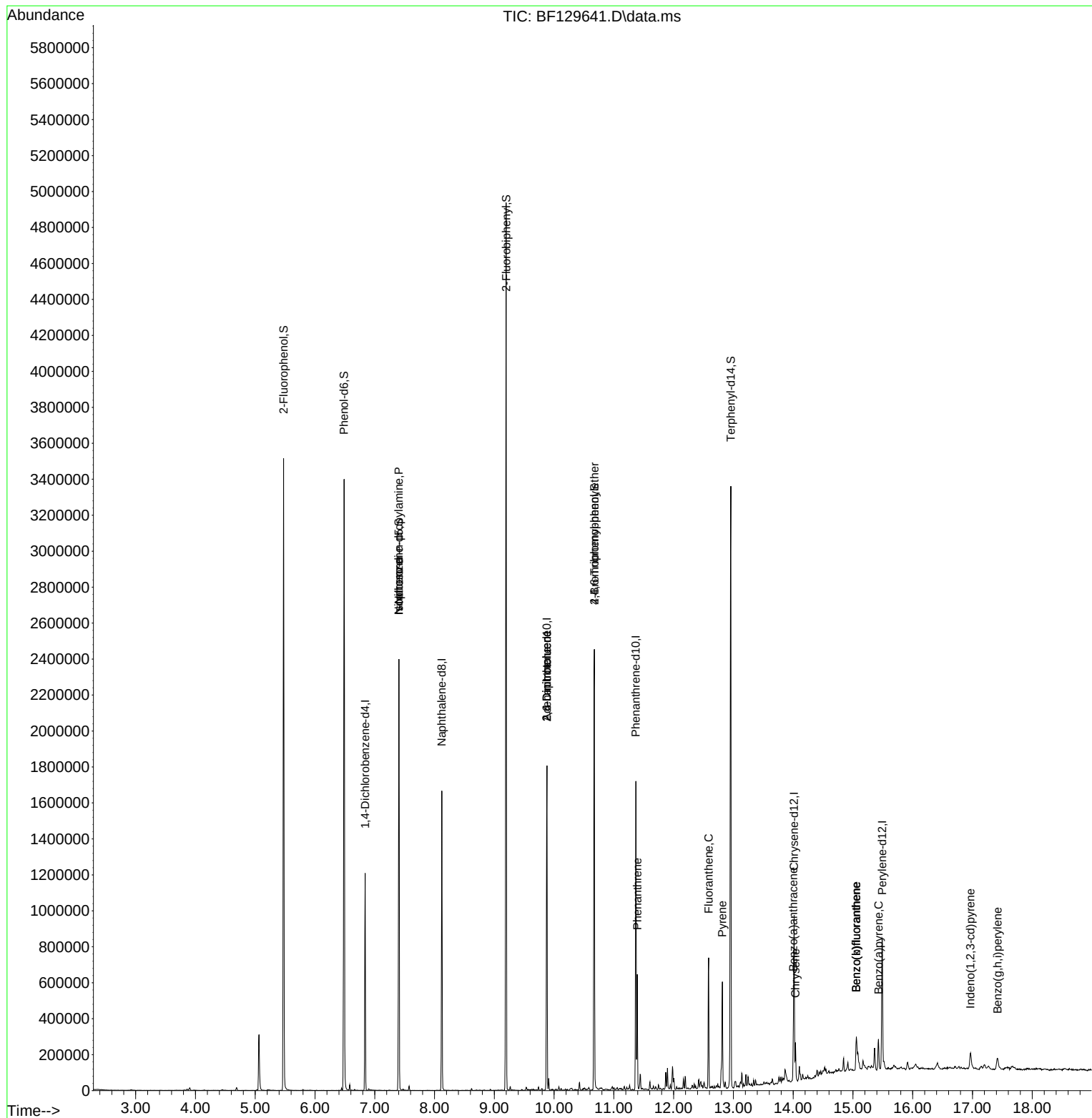
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	165202	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	659724	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	348588	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	571766	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	262121	20.000	ng	-0.01
86) Perylene-d12	15.492	264	323671	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	901193	88.863	ng	0.00
7) Phenol-d6	6.487	99	1161221	91.097	ng	-0.02
23) Nitrobenzene-d5	7.404	82	747821	61.878	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	279397	83.367	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1378503	61.175	ng	-0.01
79) Terphenyl-d14	12.957	244	1123096	80.833	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	98113	12.714	ng	# 73
25) Isophorone	7.404	82	745035	34.392	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	43982	8.166	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	43982	6.251	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	18264	2.917	ng	# 1
71) Phenanthrene	11.392	178	201201	6.446	ng	98
75) Fluoranthene	12.586	202	271434	8.583	ng	99
78) Pyrene	12.816	202	225399	10.283	ng	98
81) Benzo(a)anthracene	14.004	228	76350	4.264	ng	99
83) Chrysene	14.039	228	70051	4.151	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	55789	2.560	ng	96
88) Benzo(b)fluoranthene	15.057	252	136135	6.341	ng	99
89) Benzo(k)fluoranthene	15.057	252	136135	6.470	ng	99
90) Benzo(a)pyrene	15.427	252	76200	4.372	ng	# 97
92) Benzo(g,h,i)perylene	17.421	276	51391	2.835	ng	96

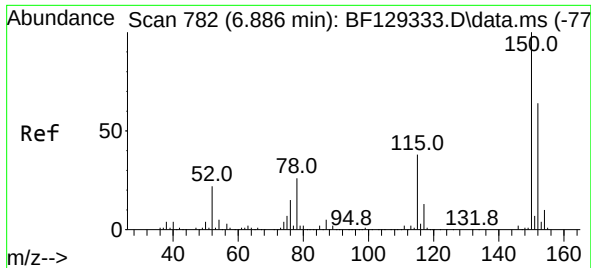
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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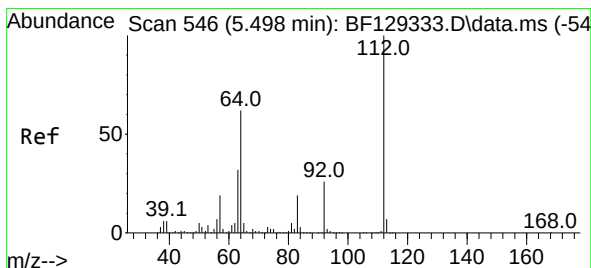
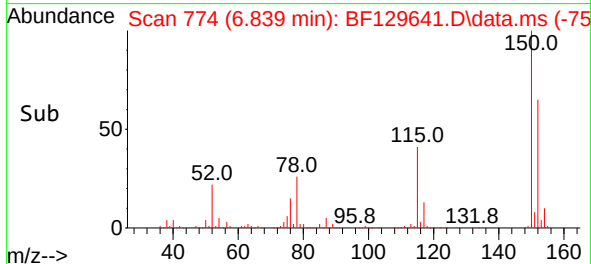
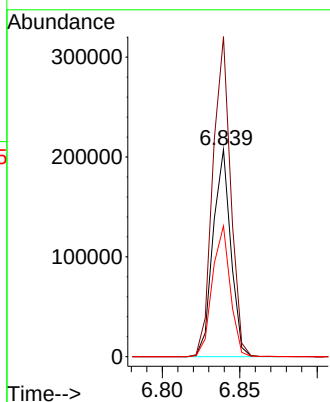
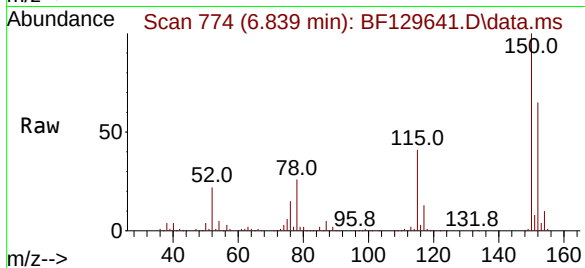




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

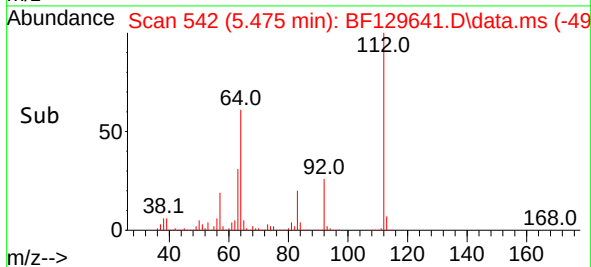
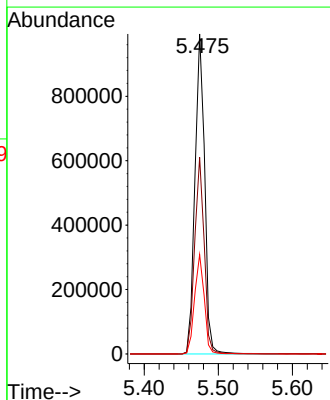
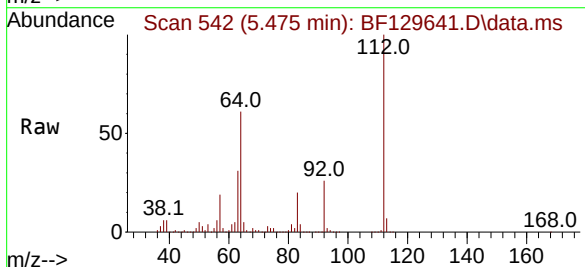
Instrument :
BNA_F
ClientSampleId :
SB-17

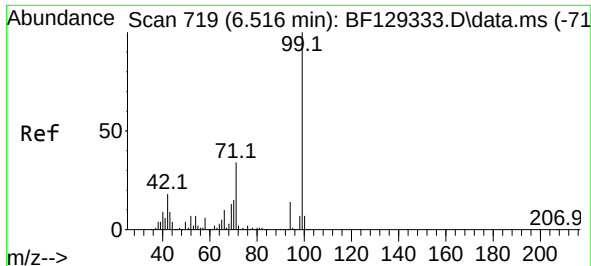
Tgt Ion:152 Resp: 165202
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 88.863 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion:112 Resp: 901193
Ion Ratio Lower Upper
112 100
64 61.4 53.3 79.9
63 31.0 28.0 42.0

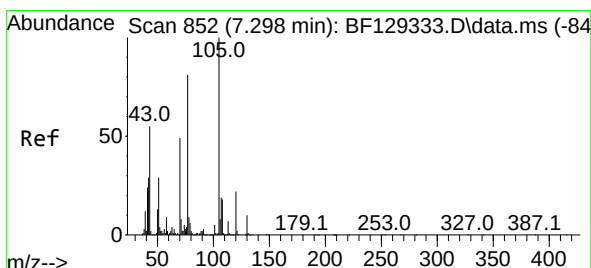
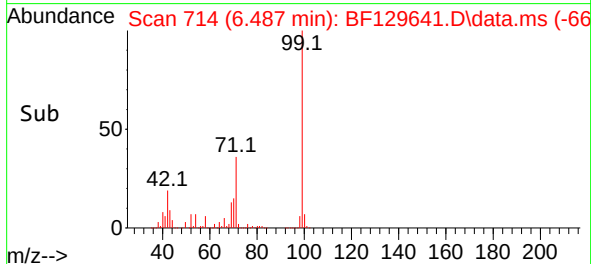
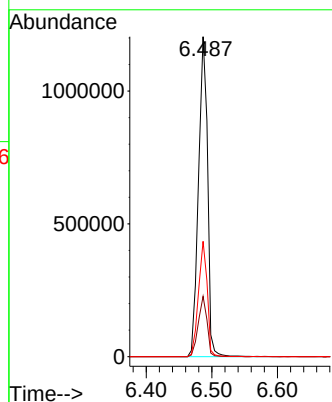
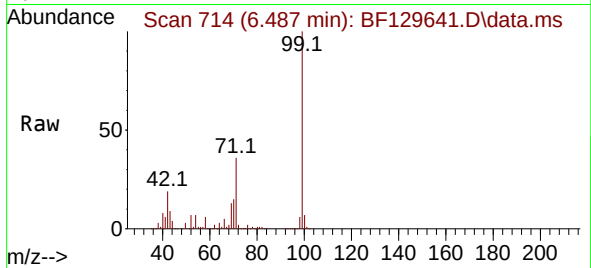




#7
Phenol-d6
Concen: 91.097 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

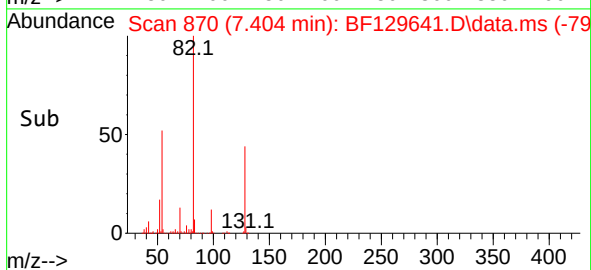
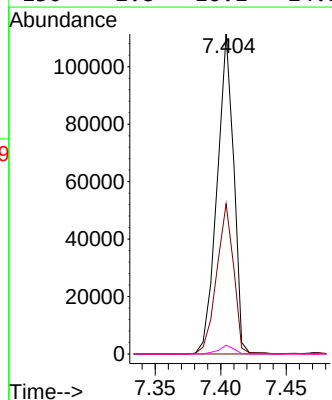
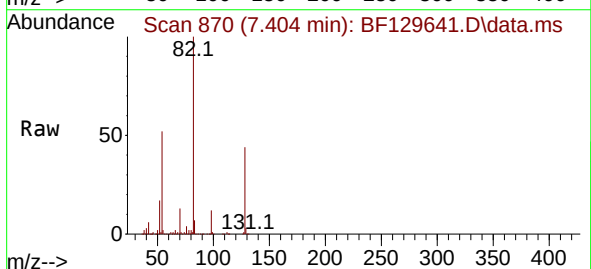
Instrument :
BNA_F
ClientSampleId :
SB-17

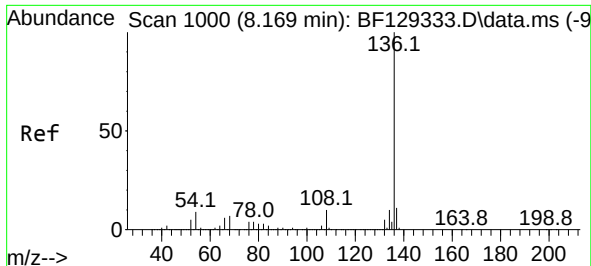
Tgt Ion: 99 Resp: 1161221
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.714 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion: 70 Resp: 98113
Ion Ratio Lower Upper
70 100
42 47.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.8 16.1 24.1#



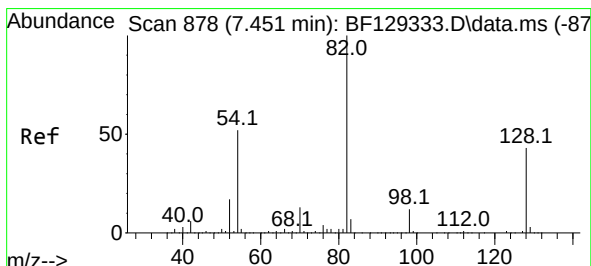
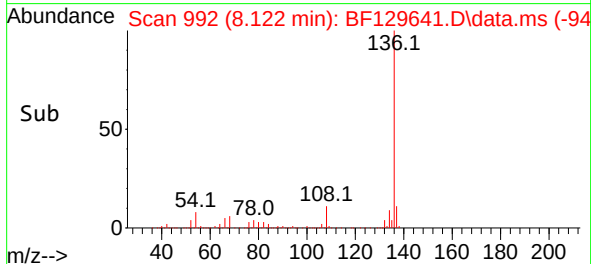
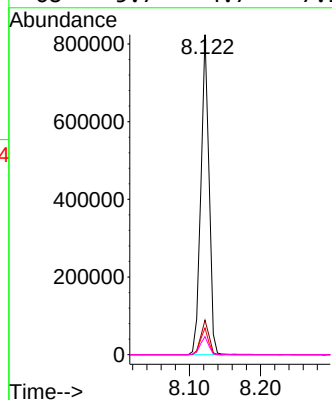
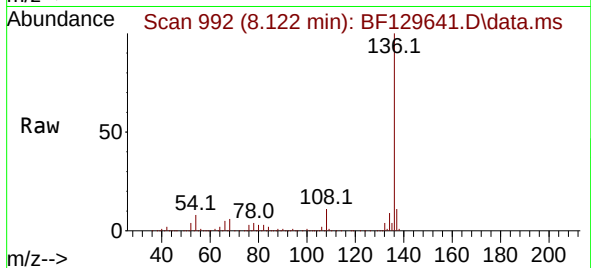


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Instrument :
BNA_F
ClientSampleId :
SB-17

Tgt Ion:136 Resp: 659724

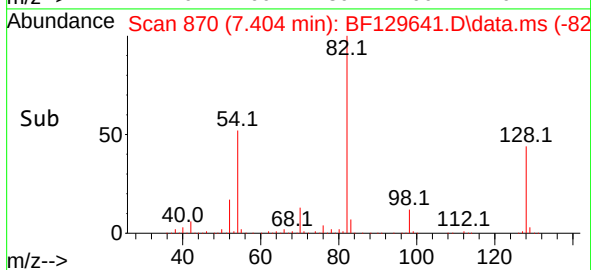
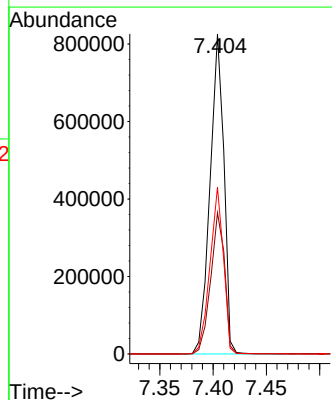
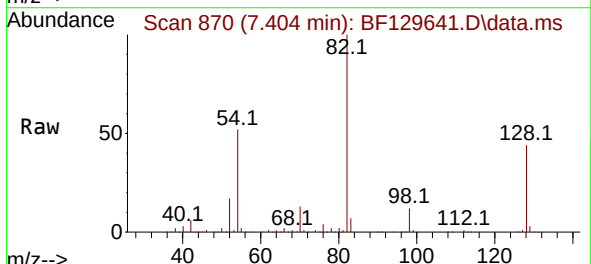
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.3	7.5	11.3
68	5.7	4.7	7.1

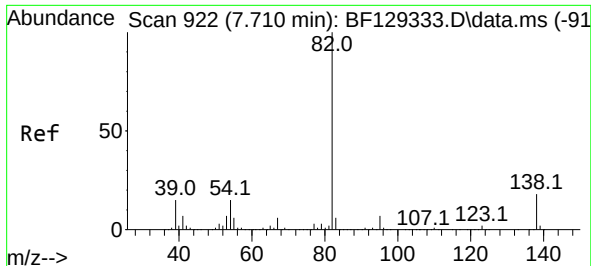


#23
Nitrobenzene-d5
Concen: 61.878 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion: 82 Resp: 747821

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	52.1	46.9	70.3

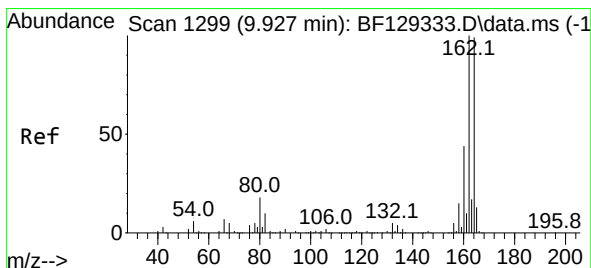
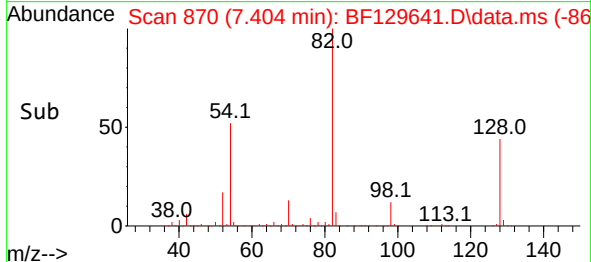
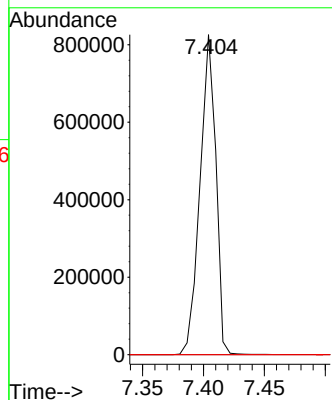
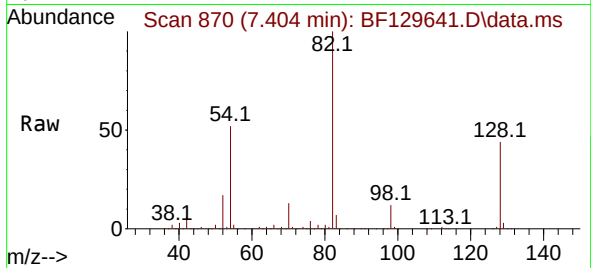




#25
Isophorone
Concen: 34.392 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

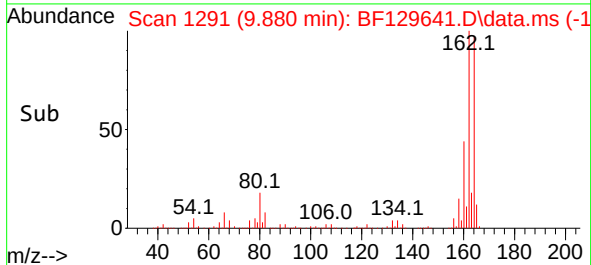
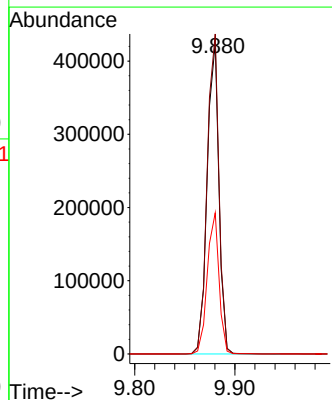
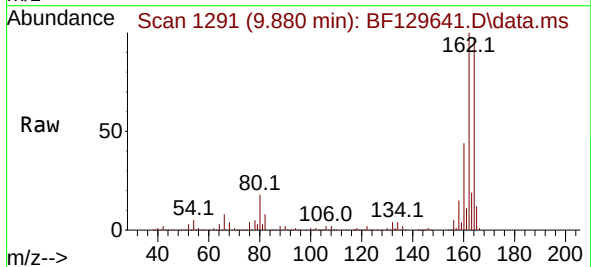
Instrument :
BNA_F
ClientSampleId :
SB-17

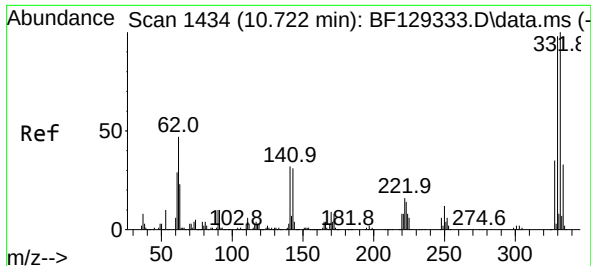
Tgt Ion: 82 Resp: 745035
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion:164 Resp: 348588
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 83.367 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129641.D

Acq: 08 Aug 2022 20:33

Instrument :

BNA_F

ClientSampleId :

SB-17

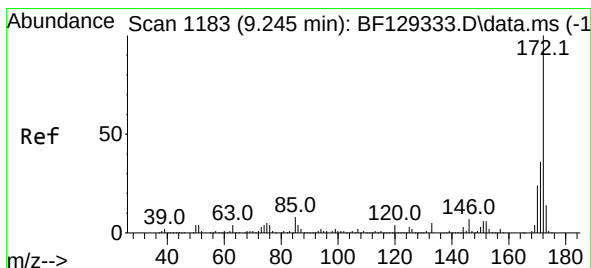
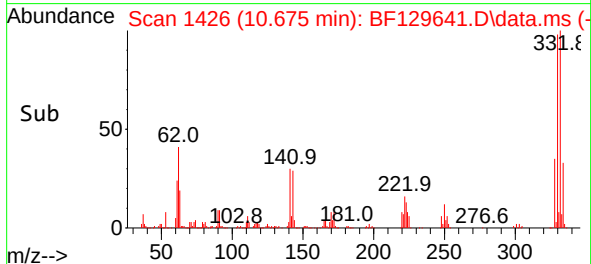
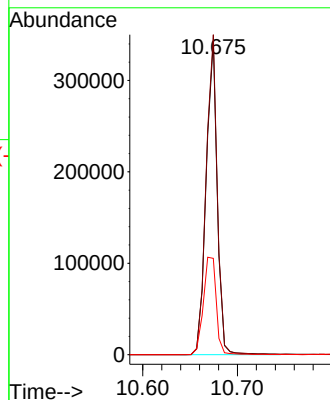
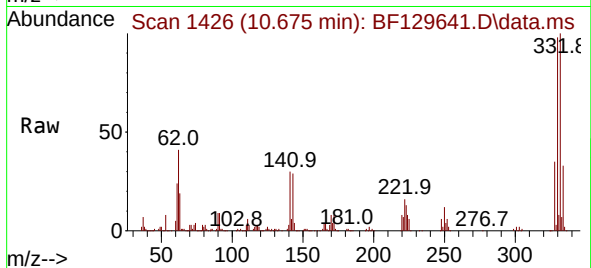
Tgt Ion:330 Resp: 279397

Ion Ratio Lower Upper

330 100

332 102.5 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 61.175 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129641.D

Acq: 08 Aug 2022 20:33

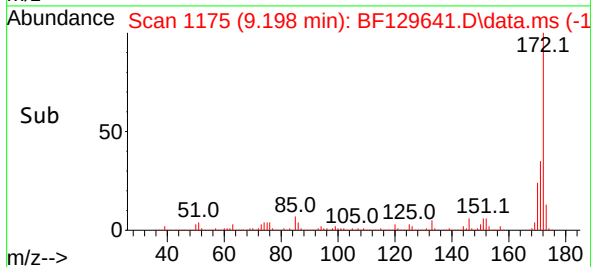
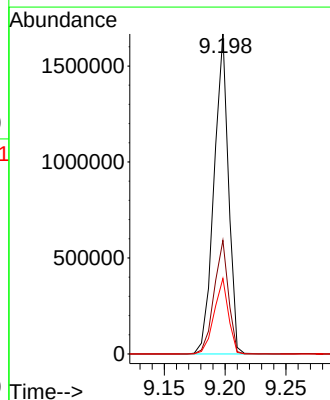
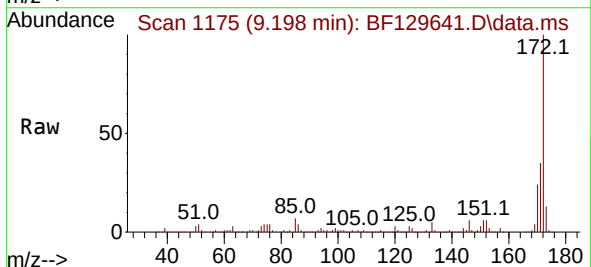
Tgt Ion:172 Resp: 1378503

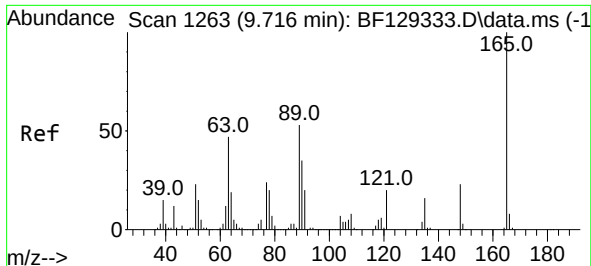
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.8 29.8

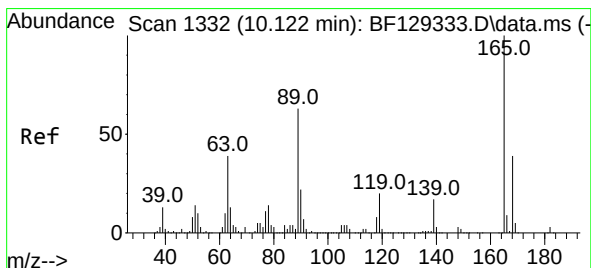
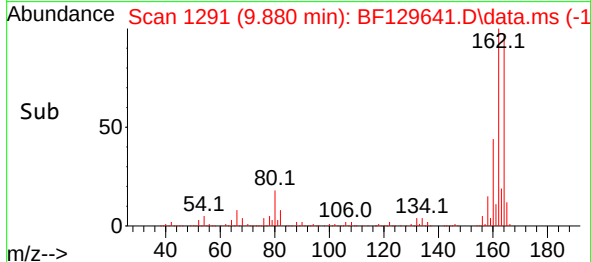
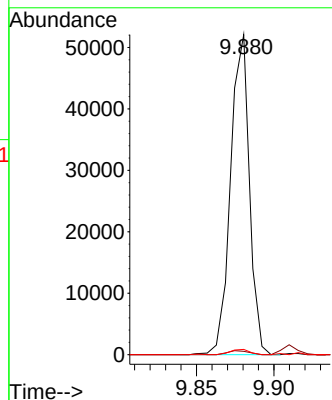
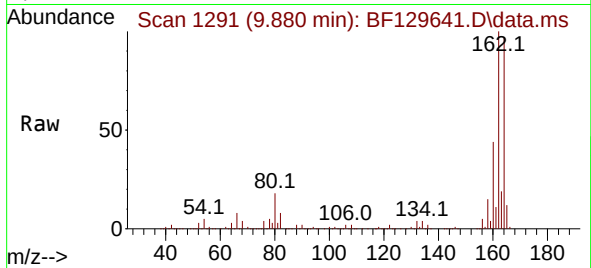




#51
2,6-Dinitrotoluene
Concen: 8.166 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

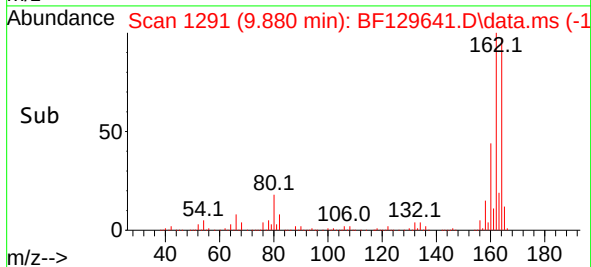
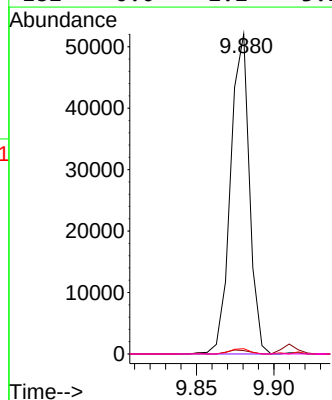
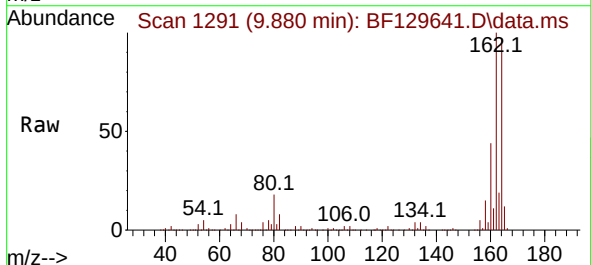
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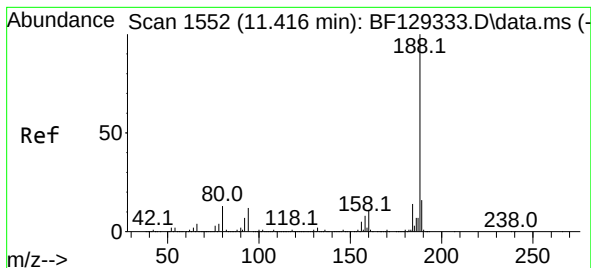
Tgt Ion:165 Resp: 43982
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.7 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.251 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion:165 Resp: 43982
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129641.D

Acq: 08 Aug 2022 20:33

Instrument :

BNA_F

ClientSampleId :

SB-17

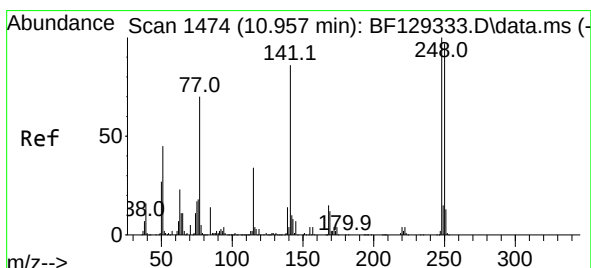
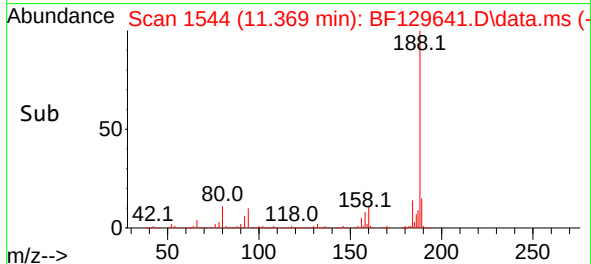
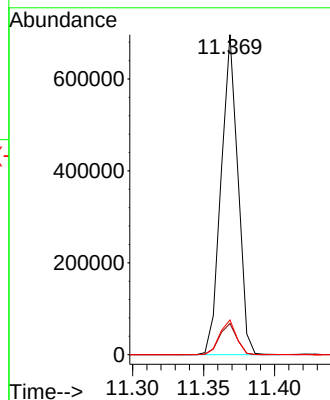
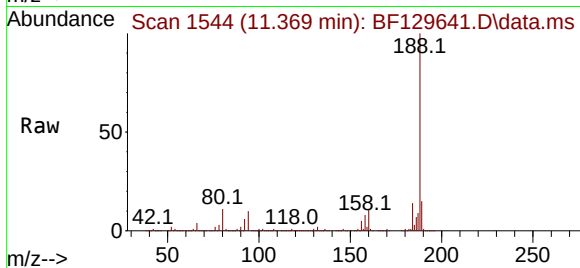
Tgt Ion:188 Resp: 571766

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.917 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF129641.D

Acq: 08 Aug 2022 20:33

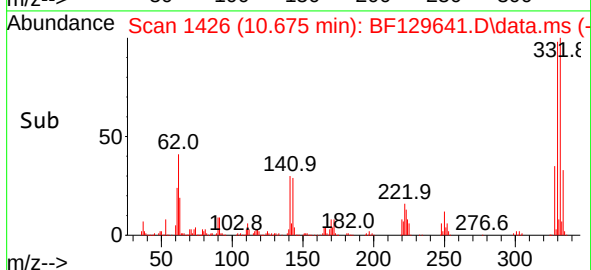
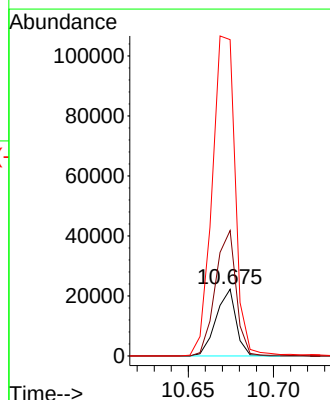
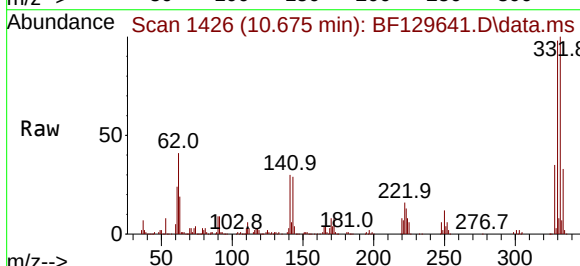
Tgt Ion:248 Resp: 18264

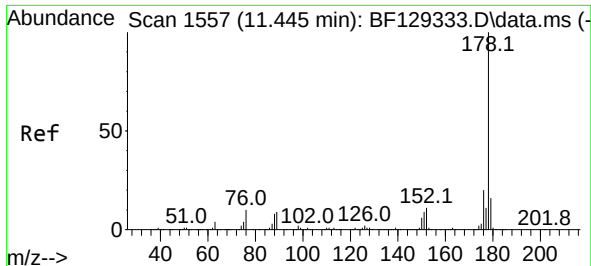
Ion Ratio Lower Upper

248 100

250 188.0 80.6 120.8#

141 473.8 58.9 88.3#

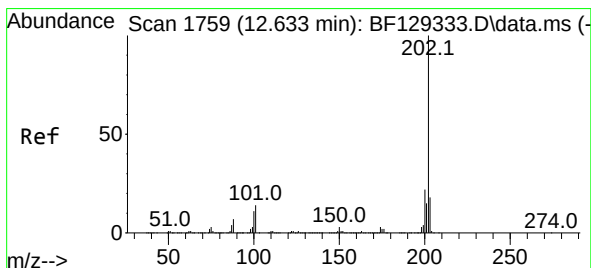
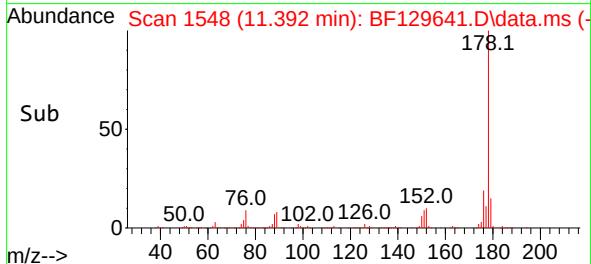
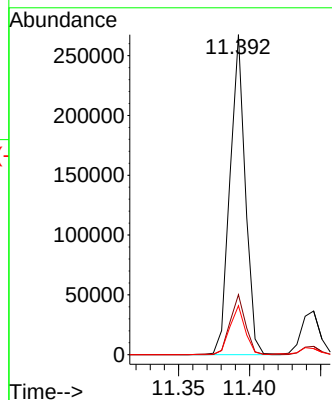
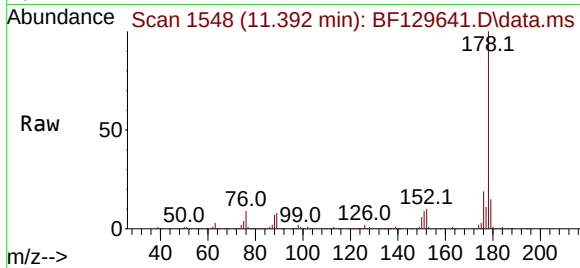




#71
Phenanthrene
Concen: 6.446 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

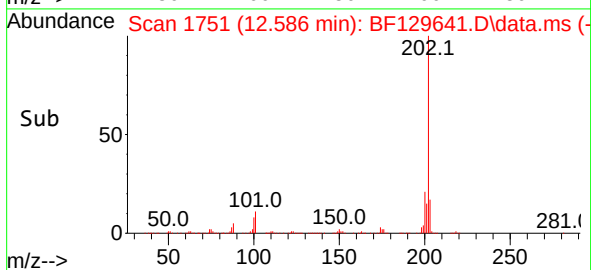
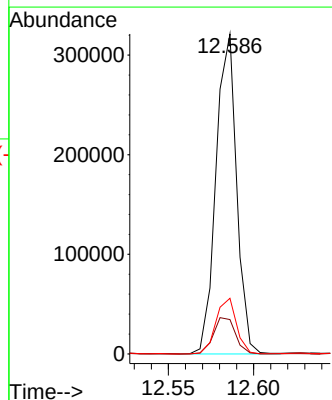
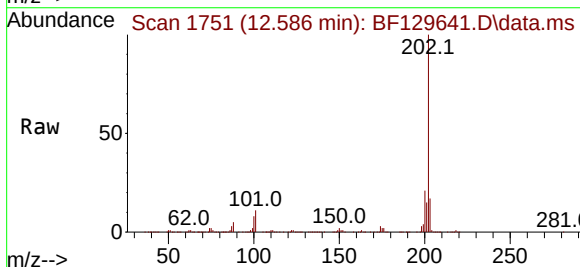
Instrument :
BNA_F
ClientSampleId :
SB-17

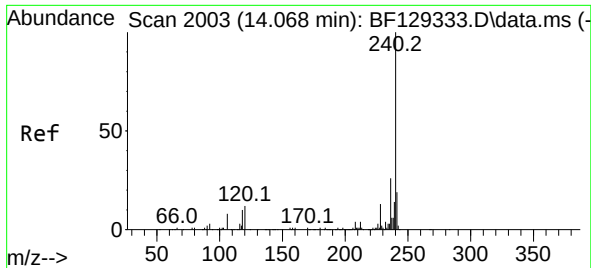
Tgt Ion:178 Resp: 201201
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.3 12.6 19.0



#75
Fluoranthene
Concen: 8.583 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion:202 Resp: 271434
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.4 0.0 38.0

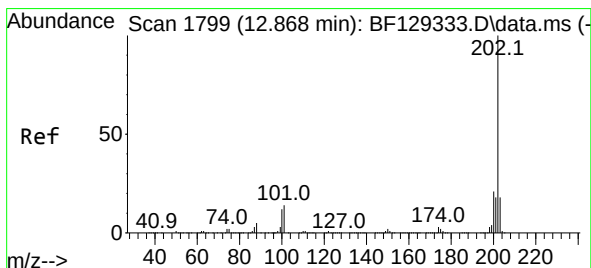
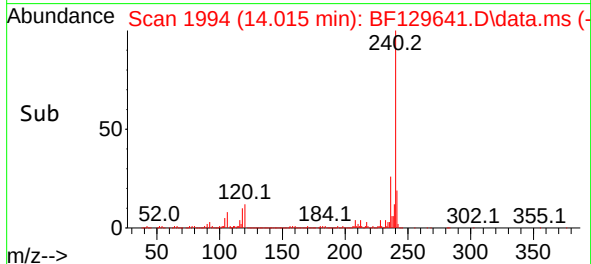
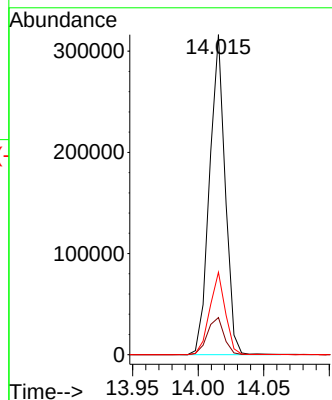
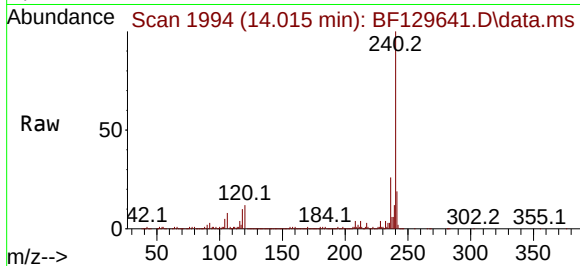




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

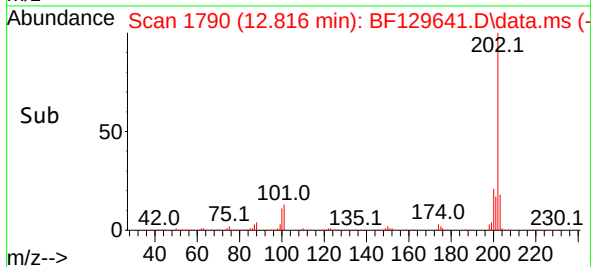
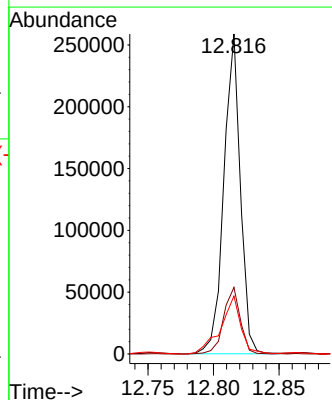
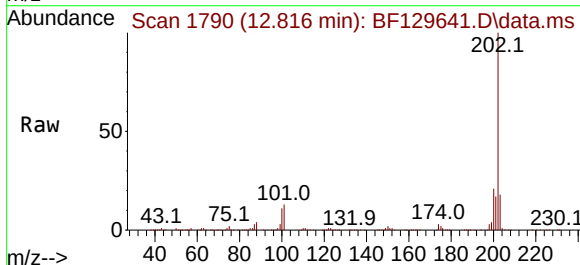
Instrument :
BNA_F
ClientSampleId :
SB-17

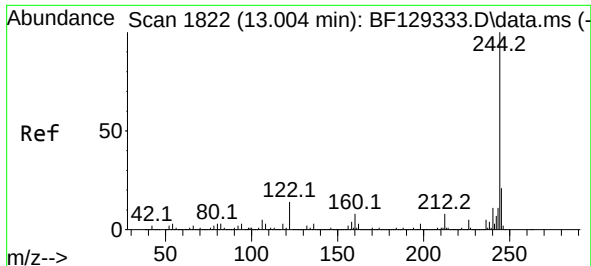
Tgt Ion:240 Resp: 262121
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.8 20.8 31.2



#78
Pyrene
Concen: 10.283 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion:202 Resp: 225399
Ion Ratio Lower Upper
202 100
200 20.8 17.7 26.5
203 18.1 14.6 21.8

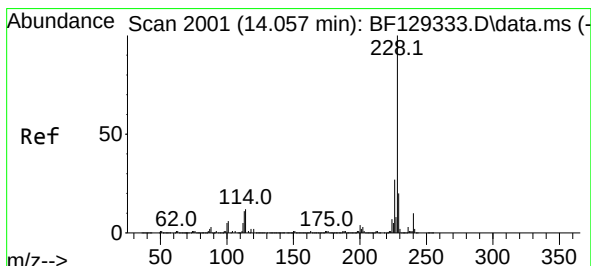
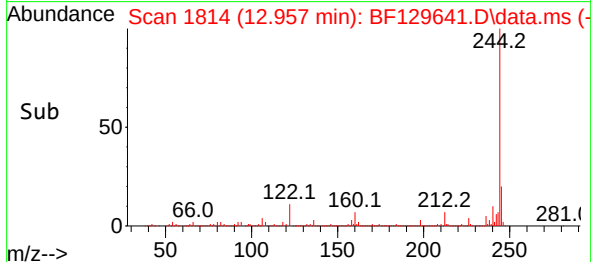
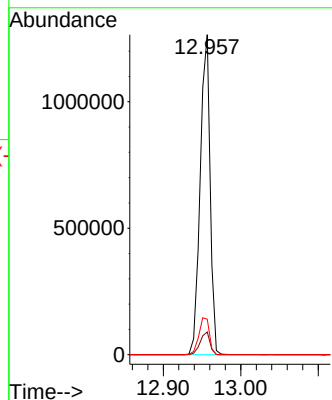
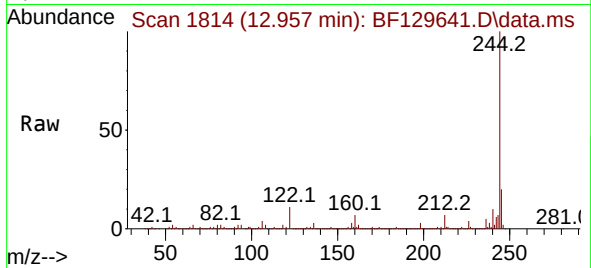




#79
 Terphenyl-d14
 Concen: 80.833 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129641.D
 Acq: 08 Aug 2022 20:33

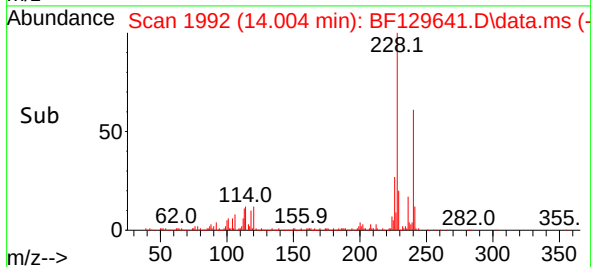
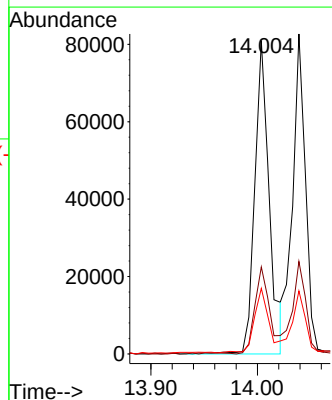
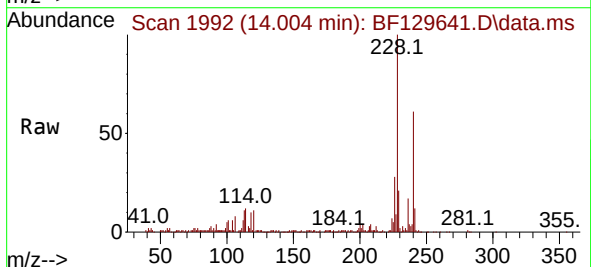
Instrument :
 BNA_F
 ClientSampleId :
 SB-17

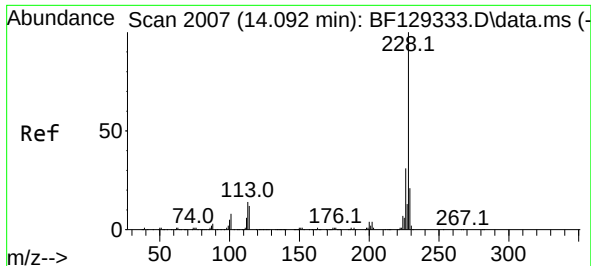
Tgt Ion:244 Resp: 1123096
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.1 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 4.264 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129641.D
 Acq: 08 Aug 2022 20:33

Tgt Ion:228 Resp: 76350
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.1 33.1
 229 20.9 15.8 23.8

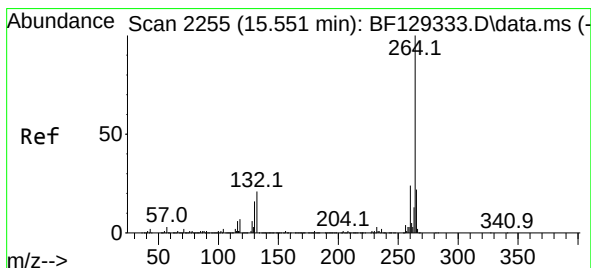
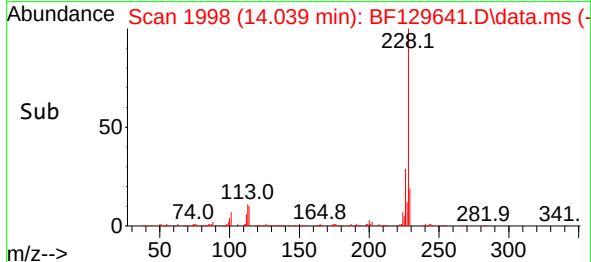
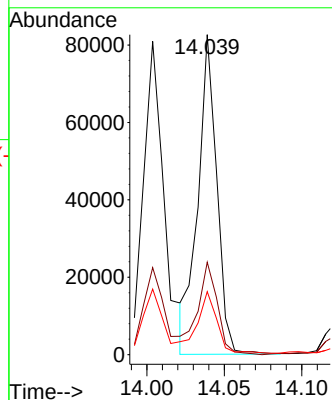
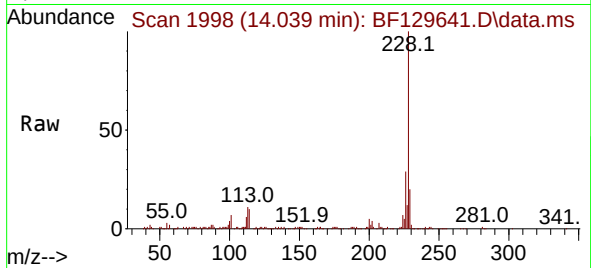




#83
Chrysene
Concen: 4.151 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

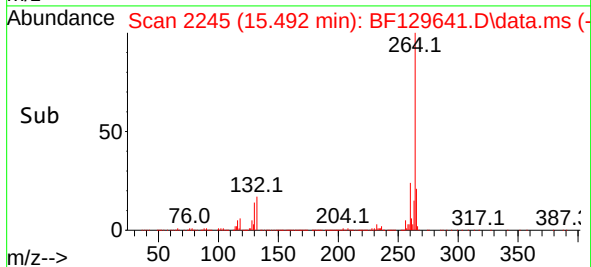
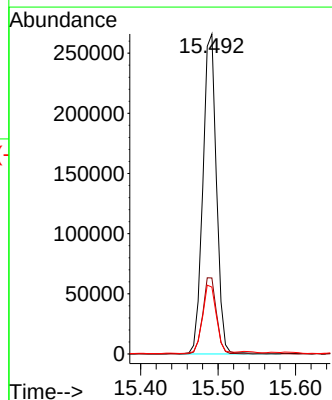
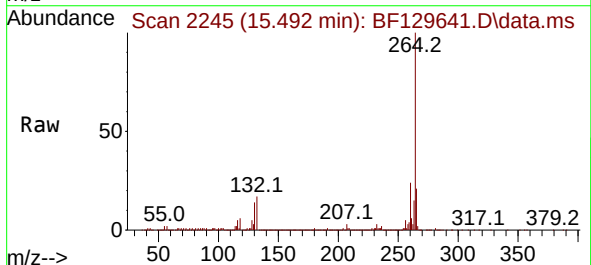
Instrument :
BNA_F
ClientSampleId :
SB-17

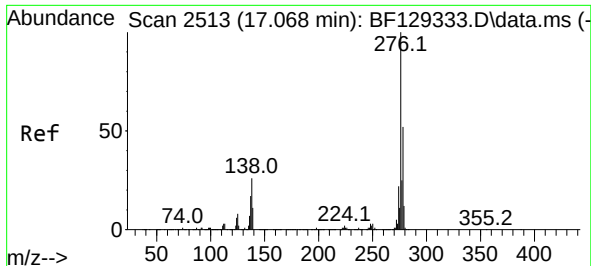
Tgt Ion:228	Resp: 70051
Ion Ratio	Lower Upper
228	100
226	28.9 24.3 36.5
229	19.7 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion:264	Resp: 323671
Ion Ratio	Lower Upper
264	100
260	23.7 18.4 27.6
265	20.9 17.2 25.8

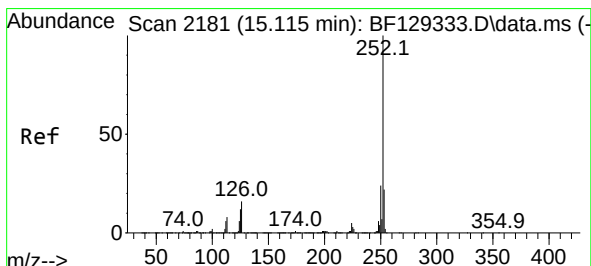
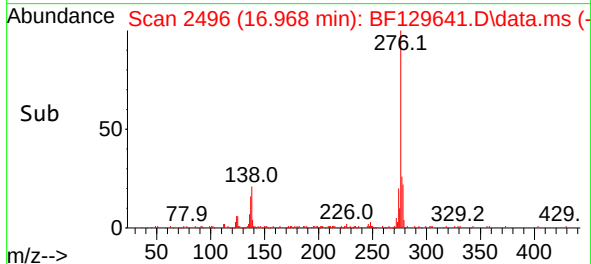
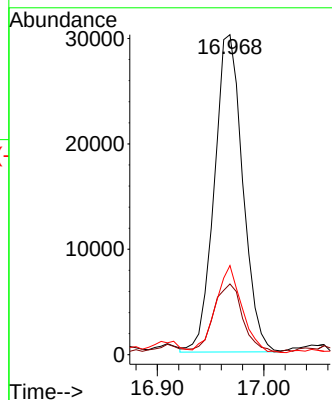
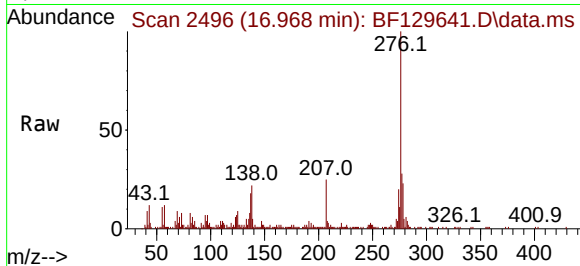




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.560 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.030 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

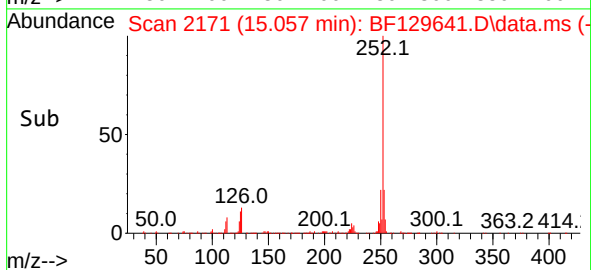
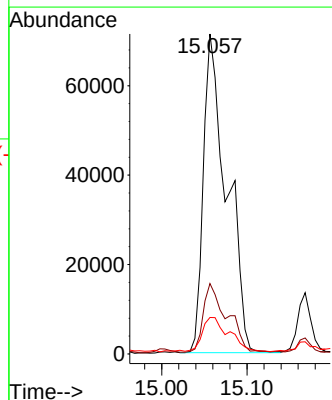
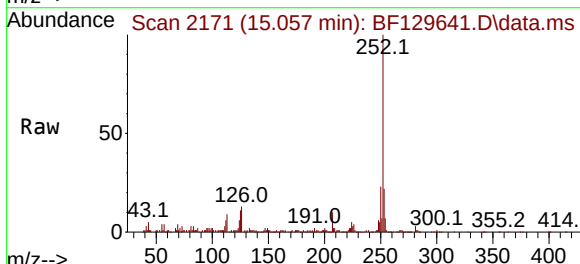
Instrument :
BNA_F
ClientSampleId :
SB-17

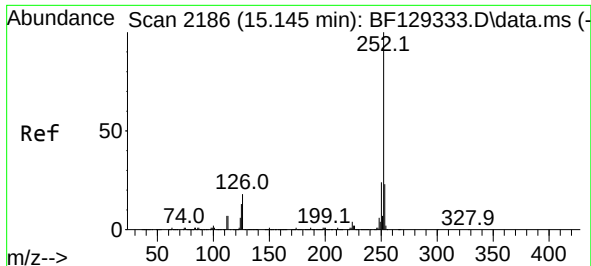
Tgt Ion:276 Resp: 55789
Ion Ratio Lower Upper
276 100
138 22.0 21.1 31.7
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 6.341 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion:252 Resp: 136135
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.4 8.0 12.0

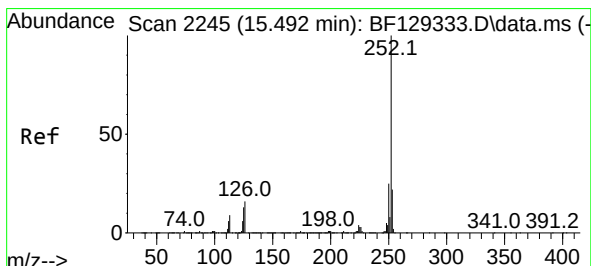
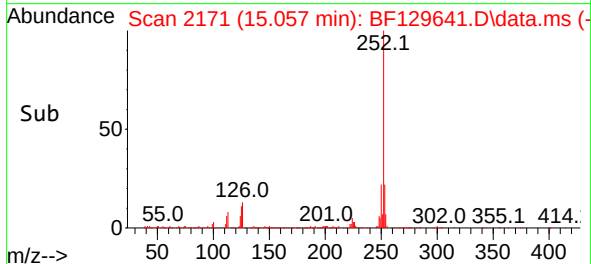
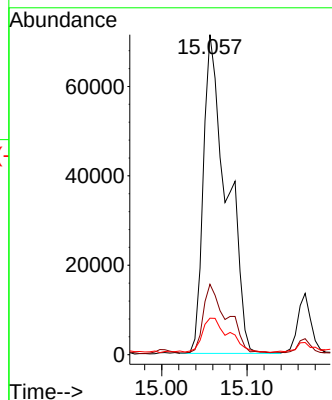
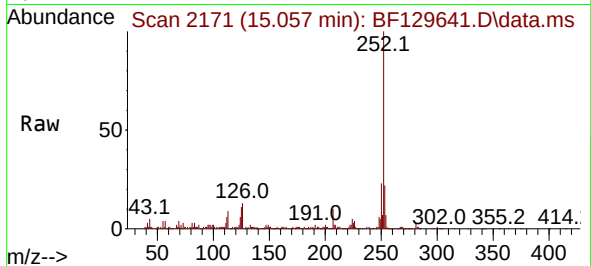




#89
Benzo(k)fluoranthene
Concen: 6.470 ng
RT: 15.057 min Scan# 2186
Delta R.T. -0.047 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

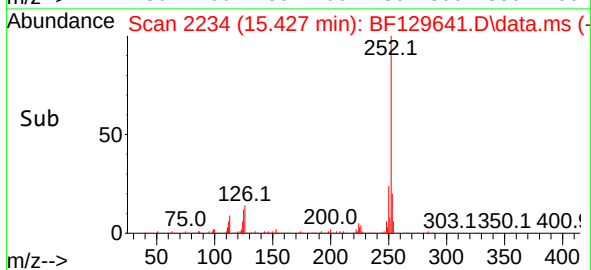
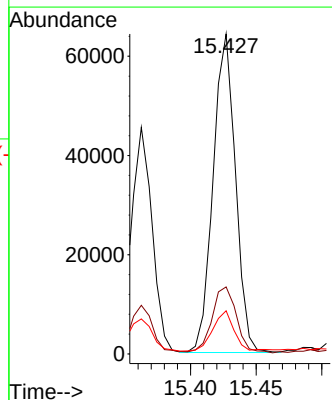
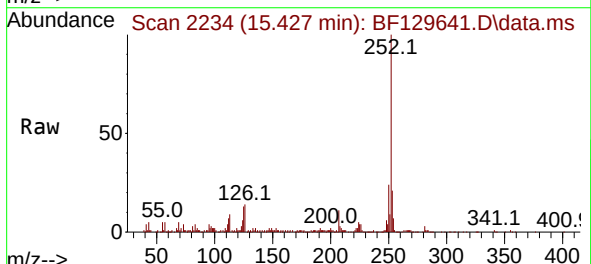
Instrument :
BNA_F
ClientSampleId :
SB-17

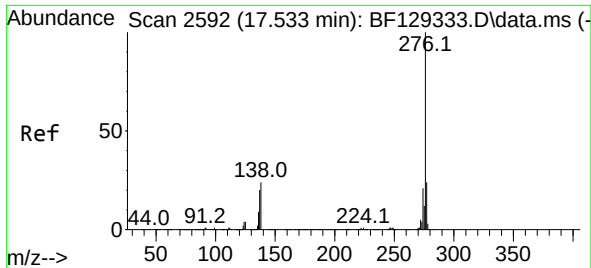
Tgt Ion:252 Resp: 136135
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 4.372 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129641.D
Acq: 08 Aug 2022 20:33

Tgt Ion:252 Resp: 76200
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 13.5 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 2.835 ng
 RT: 17.421 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF129641.D
 Acq: 08 Aug 2022 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-17

Tgt Ion:	276	Resp:	51391
Ion	Ratio	Lower	Upper
276	100		
277	21.7	19.1	28.7
138	24.3	18.0	27.0

