

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129653.D
 Acq On : 09 Aug 2022 03:18
 Operator : CG\JU
 Sample : N3963-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-223

Quant Time: Aug 09 04:09:39 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)

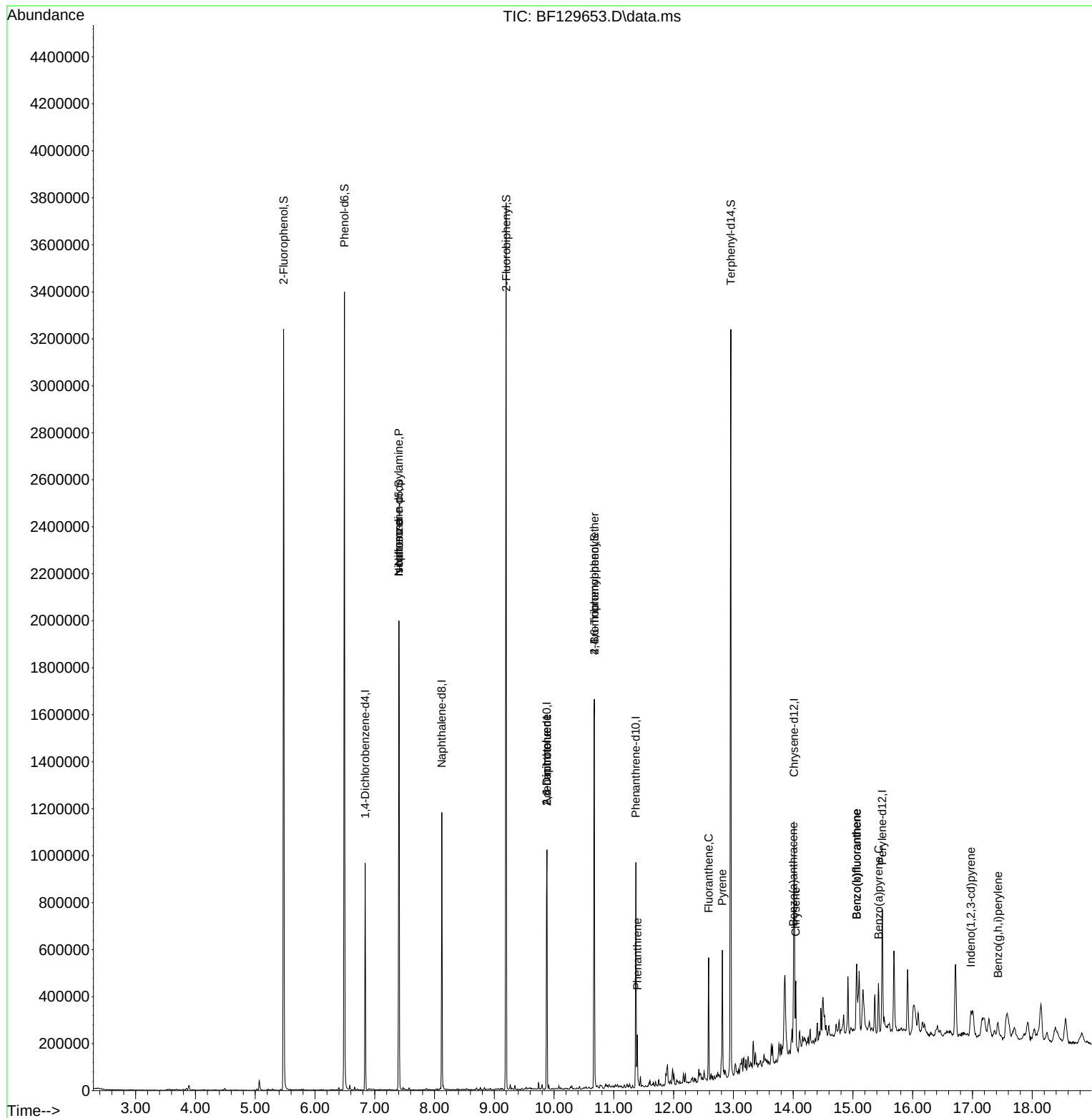
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	126372	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	442777	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	192218	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	298995	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	281331	20.000	ng	-0.01
86) Perylene-d12	15.492	264	215621	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	863547	111.316	ng	0.00
7) Phenol-d6	6.492	99	1022804	104.893	ng	-0.01
23) Nitrobenzene-d5	7.404	82	620780	76.534	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	193319	104.608	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1019844	82.076	ng	-0.01
79) Terphenyl-d14	12.957	244	1023376	68.627	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	80490	13.635	ng	# 75
25) Isophorone	7.404	82	619478	42.607	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	25642	8.634	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	25642	6.609	ng	# 21
67) 4-Bromophenyl-phenylether	10.674	248	12291	3.754	ng	# 1
71) Phenanthrene	11.392	178	69762	4.274	ng	97
75) Fluoranthene	12.586	202	181073	10.949	ng	100
78) Pyrene	12.815	202	190591	8.101	ng	99
81) Benzo(a)anthracene	14.004	228	111052	5.779	ng	96
83) Chrysene	14.045	228	120419	6.649	ng	96
87) Indeno(1,2,3-cd)pyrene	16.974	276	56916	3.920	ng	96
88) Benzo(b)fluoranthene	15.062	252	196510	13.739	ng	# 97
89) Benzo(k)fluoranthene	15.062	252	196510	14.020	ng	# 98
90) Benzo(a)pyrene	15.427	252	87075	7.500	ng	# 94
92) Benzo(g,h,i)perylene	17.427	276	56204	4.654	ng	96

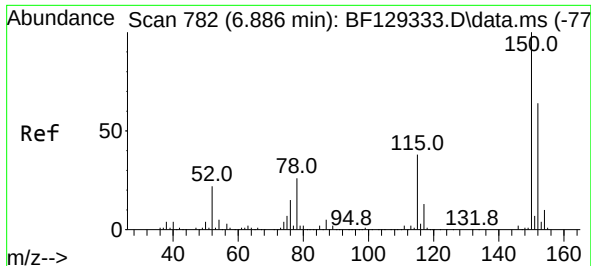
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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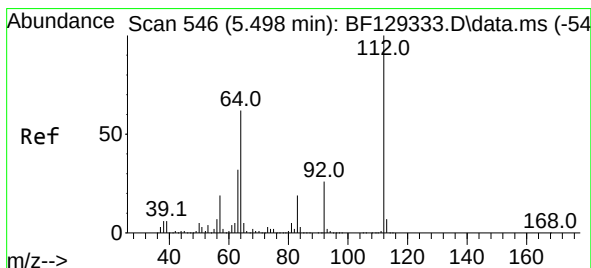
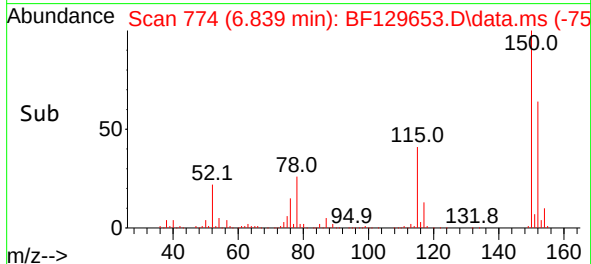
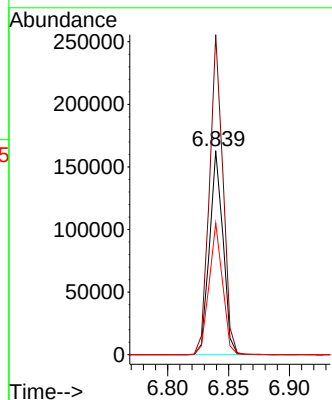
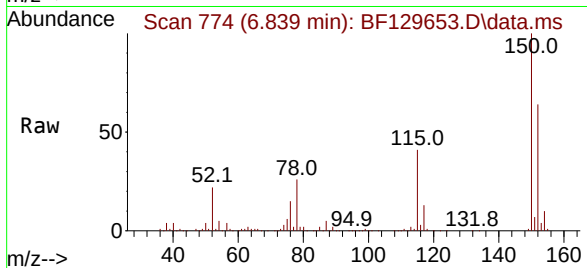




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129653.D
 Acq: 09 Aug 2022 03:18

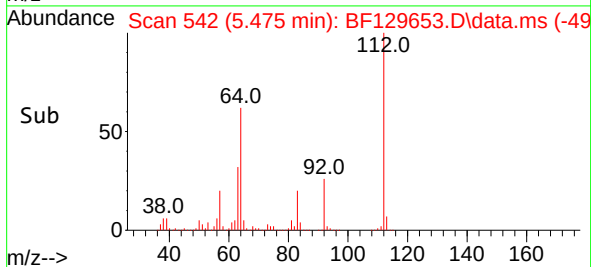
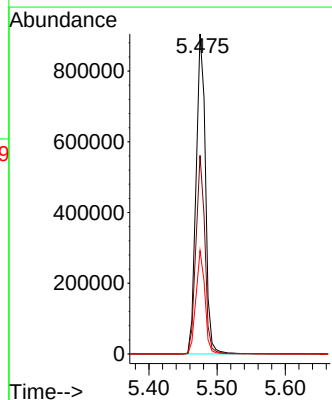
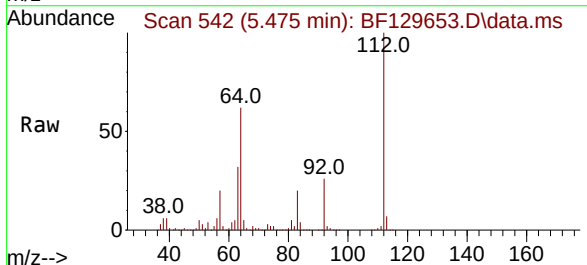
Instrument :
 BNA_F
 ClientSampleId :
 RVE-223

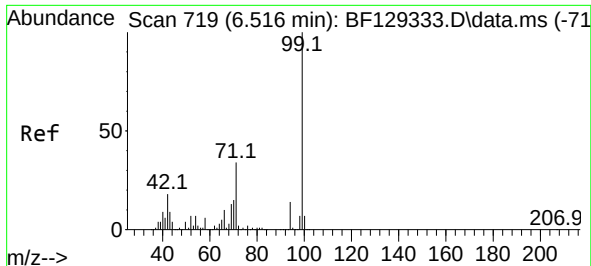
Tgt Ion:152 Resp: 126372
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.7 185.5
 115 64.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 111.316 ng
 RT: 5.475 min Scan# 542
 Delta R.T. -0.006 min
 Lab File: BF129653.D
 Acq: 09 Aug 2022 03:18

Tgt Ion:112 Resp: 863547
 Ion Ratio Lower Upper
 112 100
 64 62.1 53.3 79.9
 63 32.3 28.0 42.0



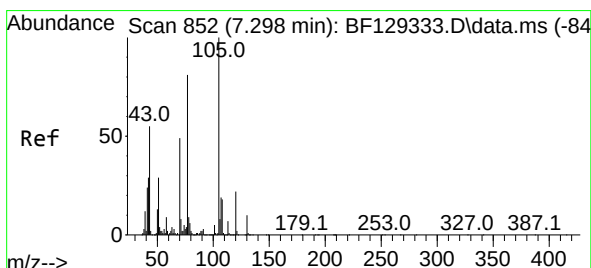
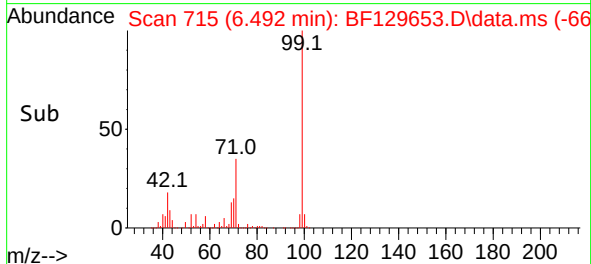
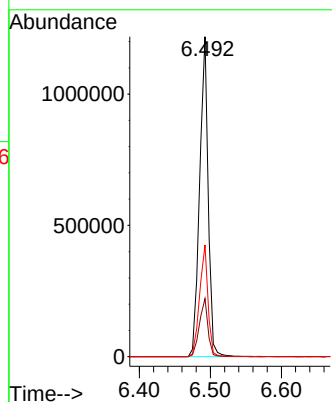
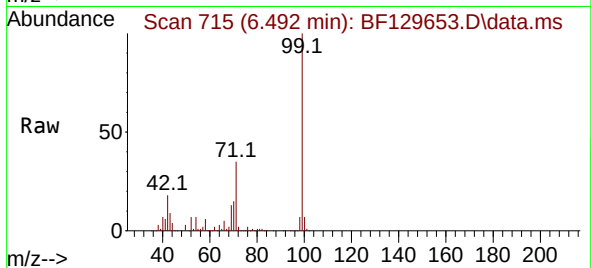


#7
Phenol-d6
Concen: 104.893 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Instrument :
BNA_F
ClientSampleId :
RVE-223

Tgt Ion: 99 Resp: 1022804

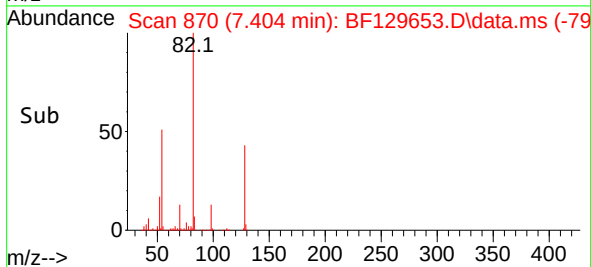
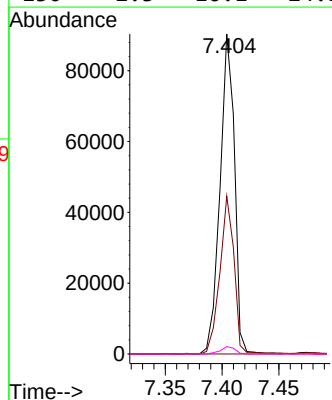
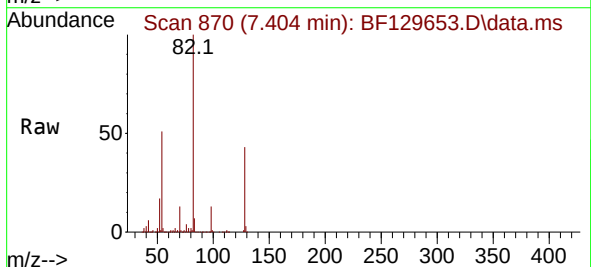
Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.3	25.9
71	34.9	28.9	43.3

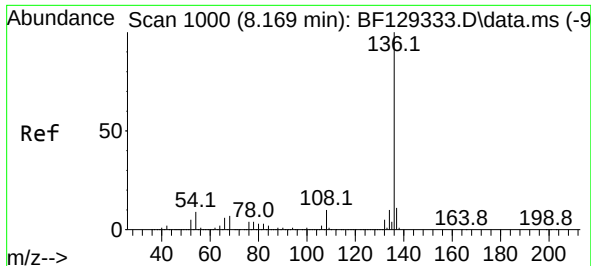


#19
n-Nitroso-di-n-propylamine
Concen: 13.635 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion: 70 Resp: 80490

Ion	Ratio	Lower	Upper
70	100		
42	49.3	52.3	78.5#
101	0.0	7.5	11.3#
130	2.3	16.1	24.1#

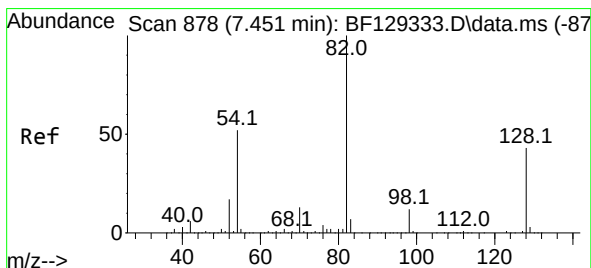
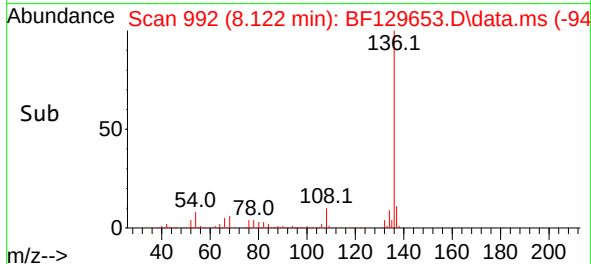
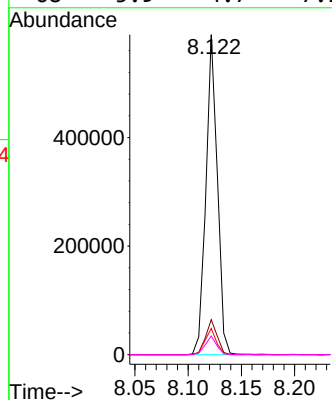
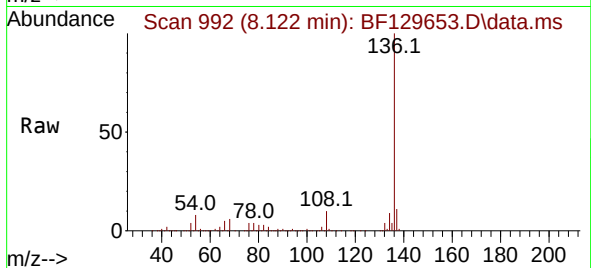




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

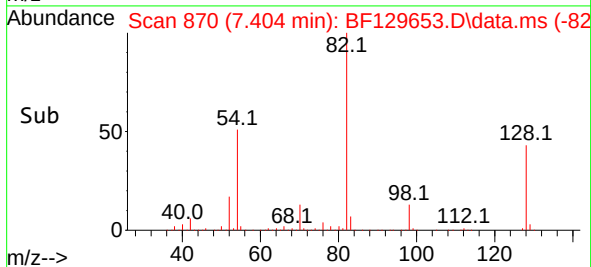
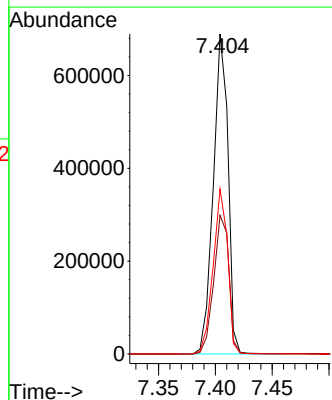
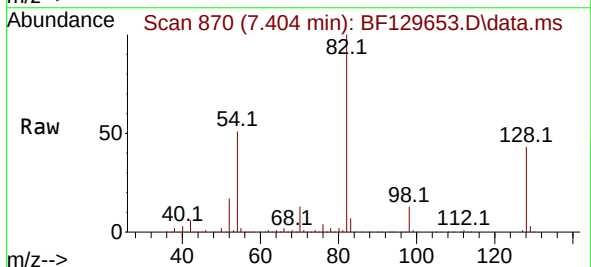
Instrument :
BNA_F
ClientSampleId :
RVE-223

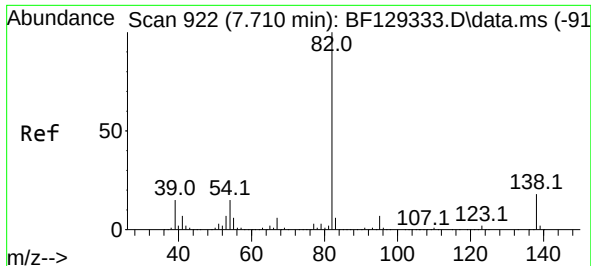
Tgt Ion:136 Resp: 442777
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 7.5 11.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 76.534 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion: 82 Resp: 620780
Ion Ratio Lower Upper
82 100
128 43.3 34.0 51.0
54 51.5 46.9 70.3

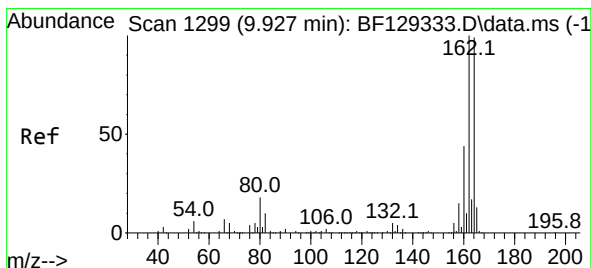
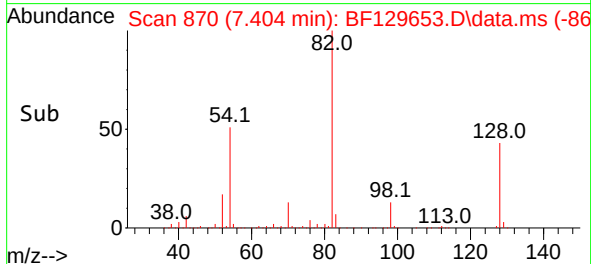
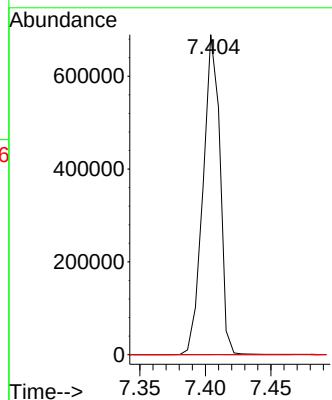
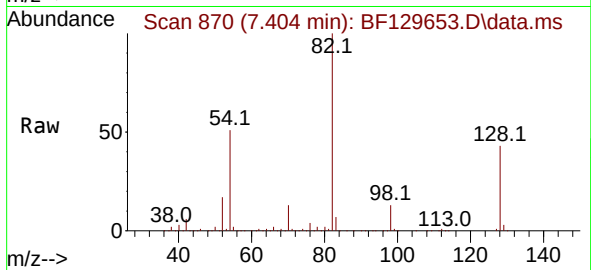




#25
Isophorone
Concen: 42.607 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

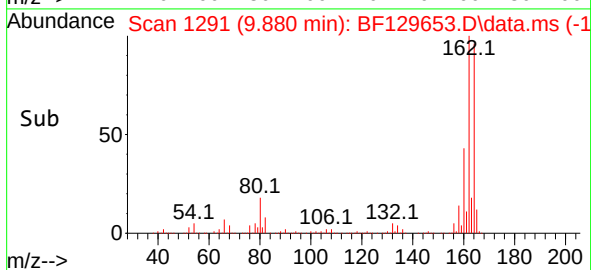
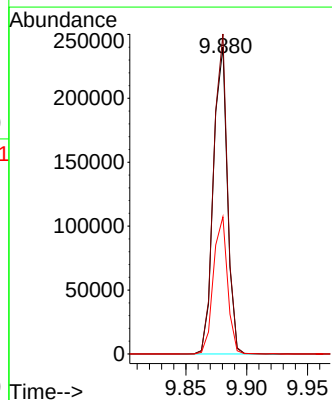
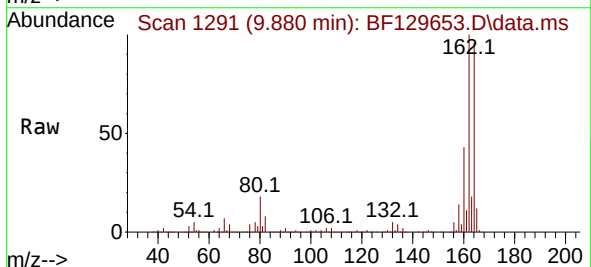
Instrument :
BNA_F
ClientSampleId :
RVE-223

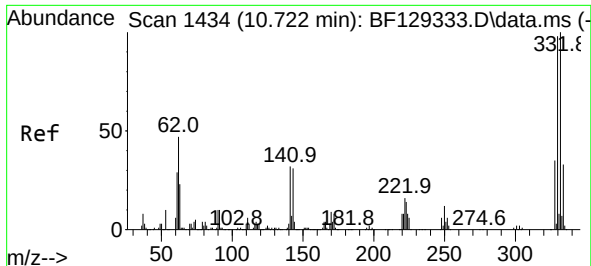
Tgt Ion: 82 Resp: 619478
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion:164 Resp: 192218
Ion Ratio Lower Upper
164 100
162 104.2 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 104.608 ng

RT: 10.674 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129653.D

Acq: 09 Aug 2022 03:18

Instrument :

BNA_F

ClientSampleId :

RVE-223

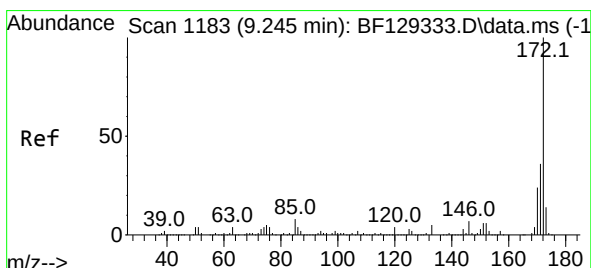
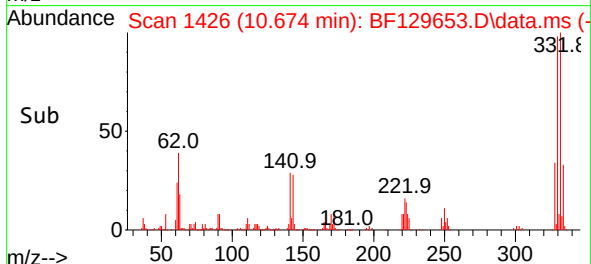
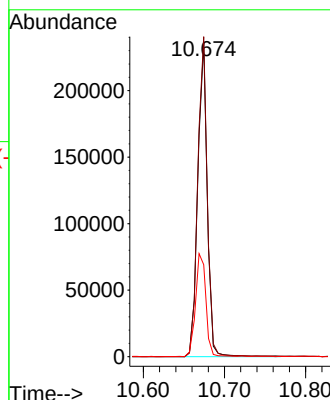
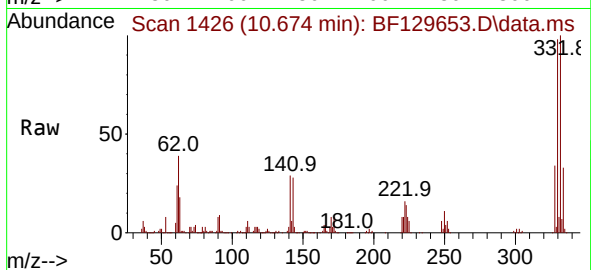
Tgt Ion:330 Resp: 193319

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.076 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129653.D

Acq: 09 Aug 2022 03:18

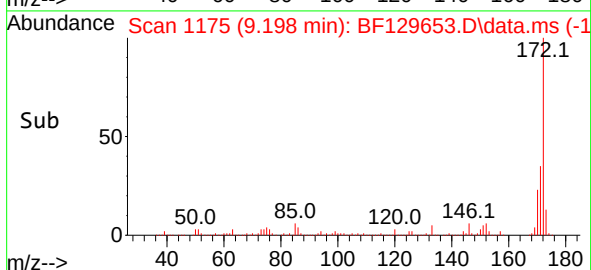
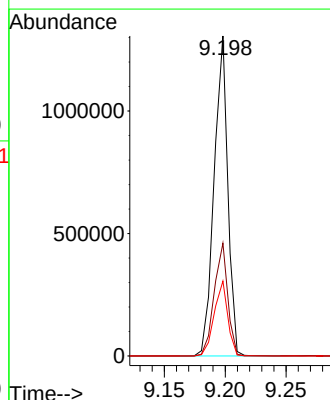
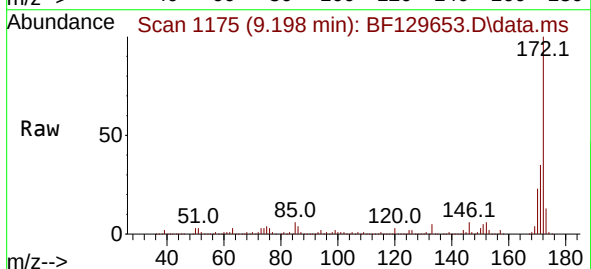
Tgt Ion:172 Resp: 1019844

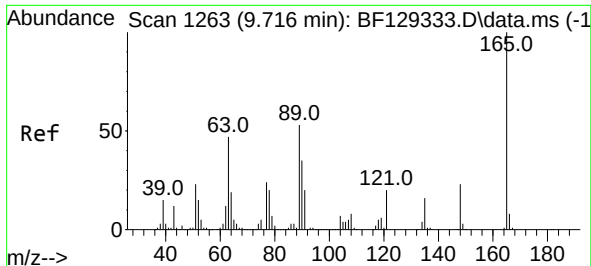
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.634 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129653.D

Acq: 09 Aug 2022 03:18

Instrument :

BNA_F

ClientSampleId :

RVE-223

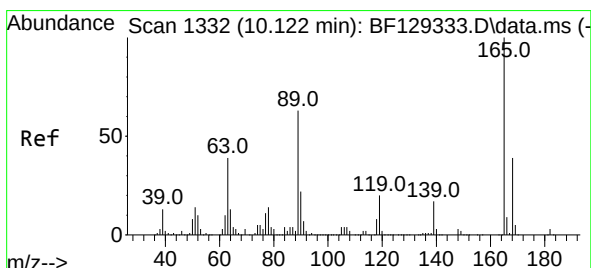
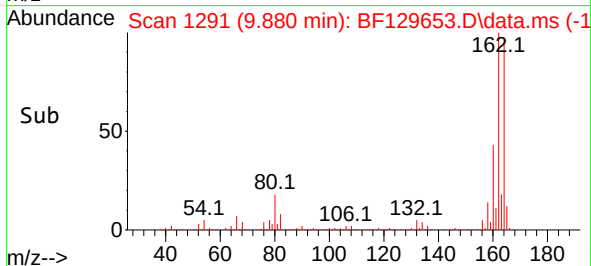
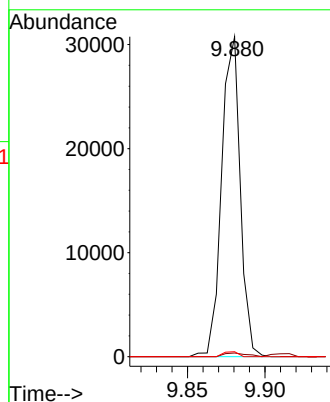
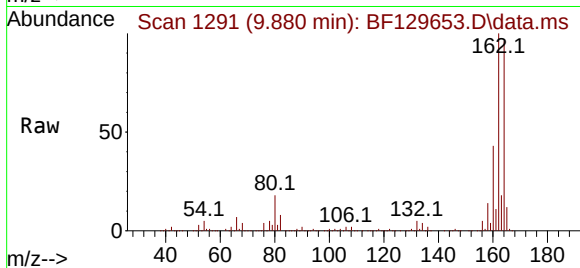
Tgt Ion:165 Resp: 25642

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.609 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129653.D

Acq: 09 Aug 2022 03:18

Tgt Ion:165 Resp: 25642

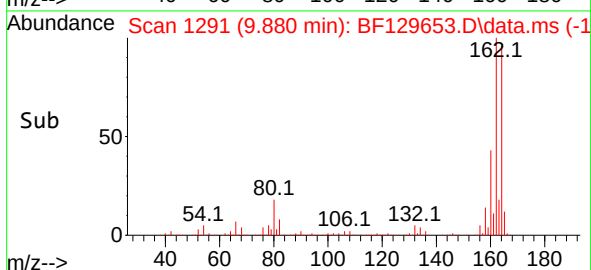
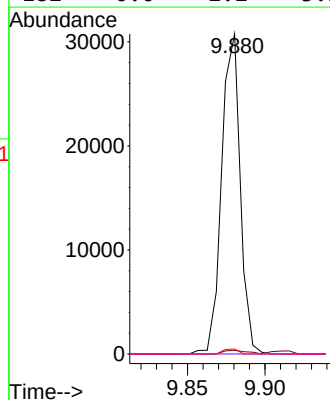
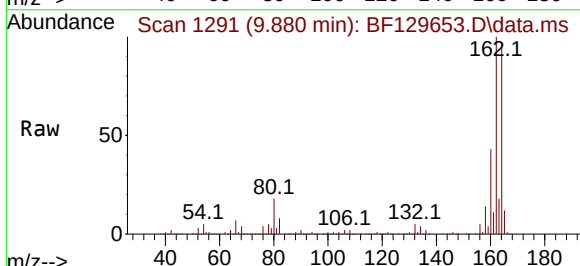
Ion Ratio Lower Upper

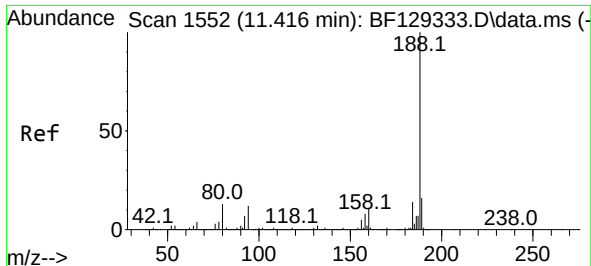
165 100

63 1.2 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#

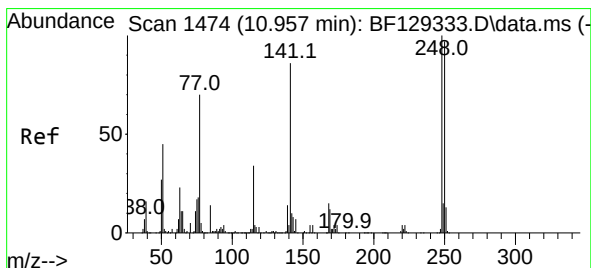
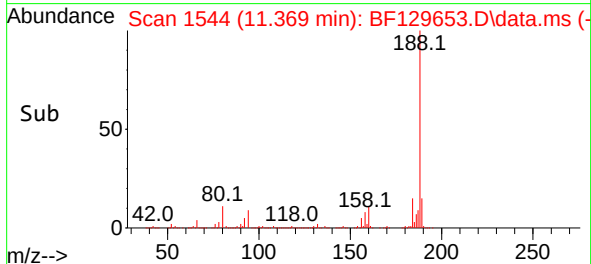
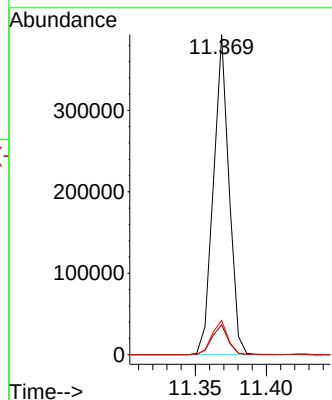
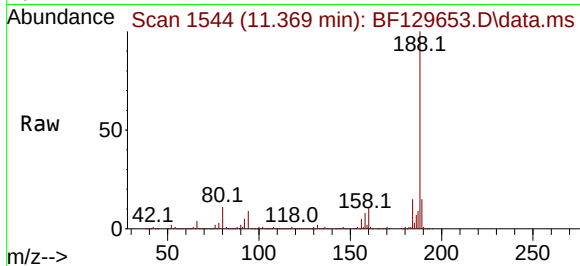




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

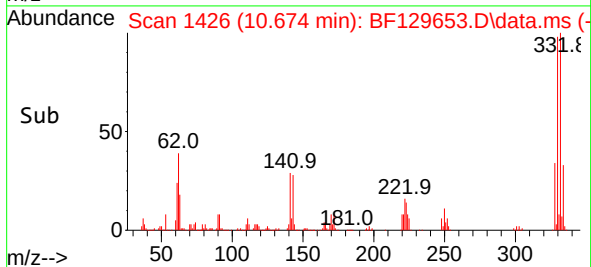
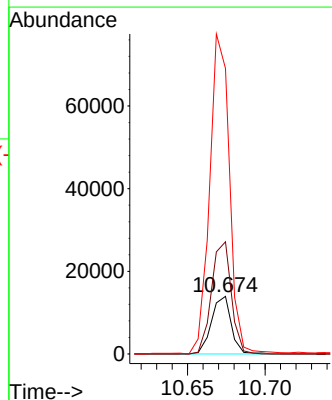
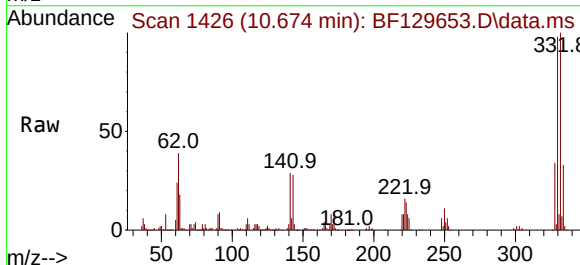
Instrument :
BNA_F
ClientSampleId :
RVE-223

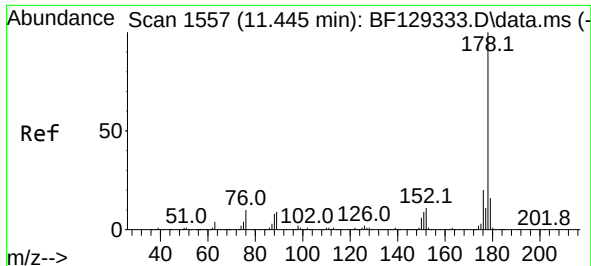
Tgt Ion:188 Resp: 298995
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.754 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion:248 Resp: 12291
Ion Ratio Lower Upper
248 100
250 194.9 80.6 120.8#
141 496.0 58.9 88.3#

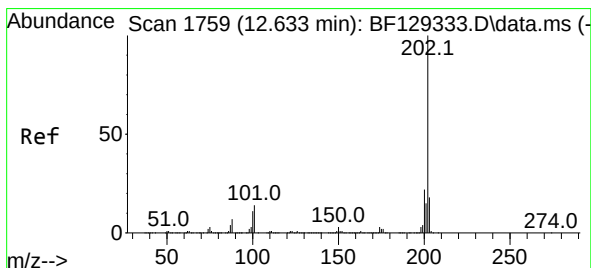
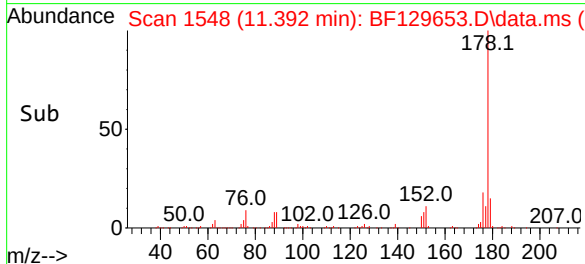
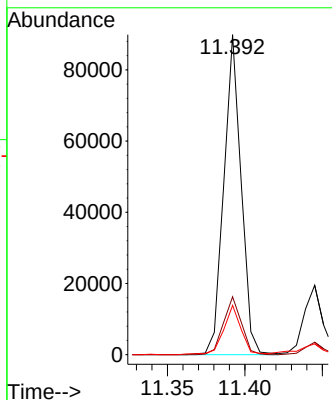
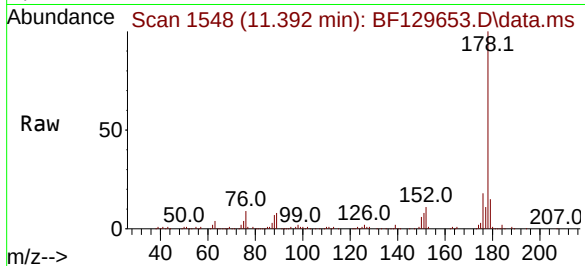




#71
Phenanthrene
Concen: 4.274 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

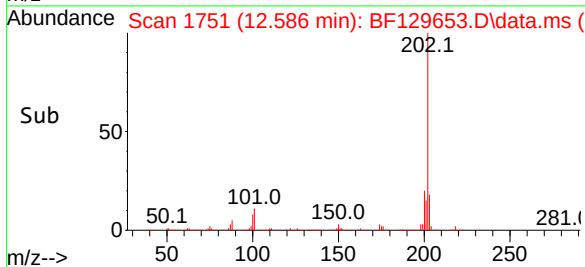
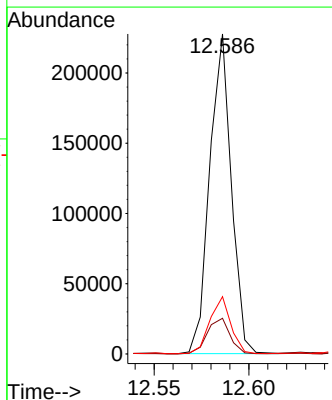
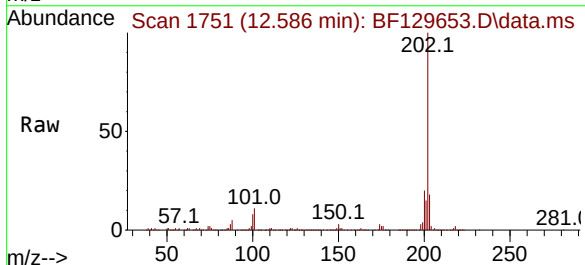
Instrument :
BNA_F
ClientSampleId :
RVE-223

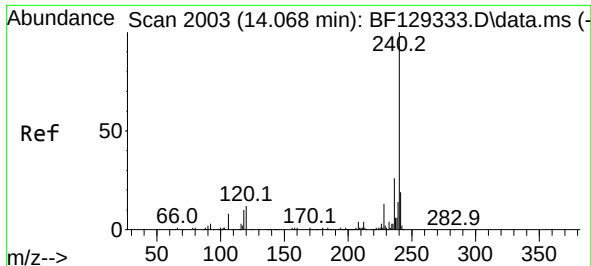
Tgt Ion:178 Resp: 69762
Ion Ratio Lower Upper
178 100
176 18.1 16.0 24.0
179 15.4 12.6 19.0



#75
Fluoranthene
Concen: 10.949 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion:202 Resp: 181073
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.9 0.0 38.0

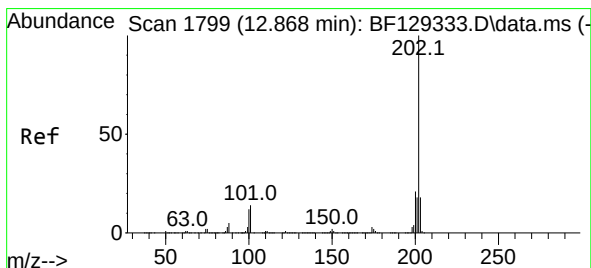
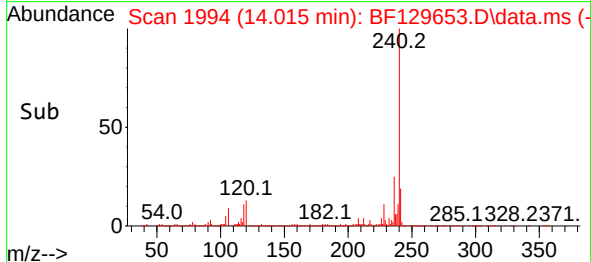
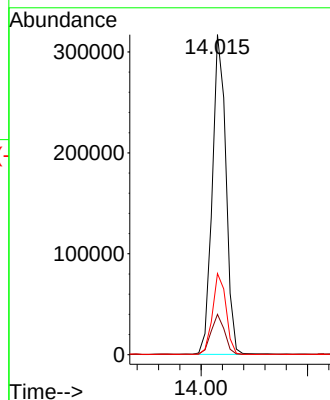
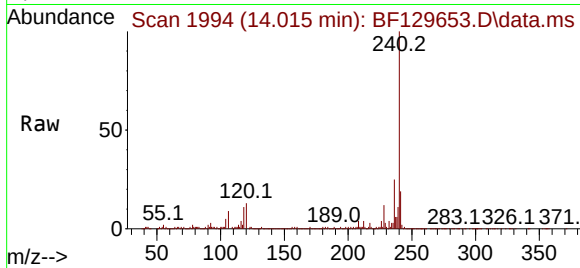




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

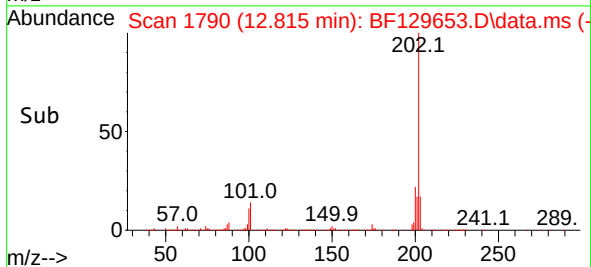
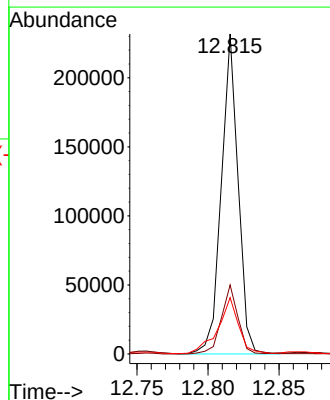
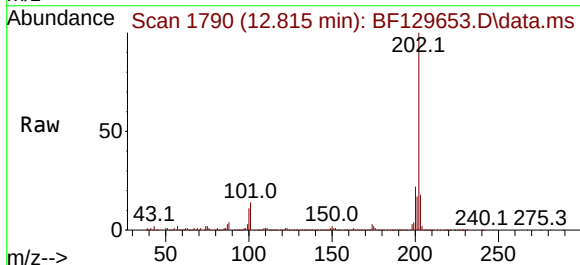
Instrument :
BNA_F
ClientSampleId :
RVE-223

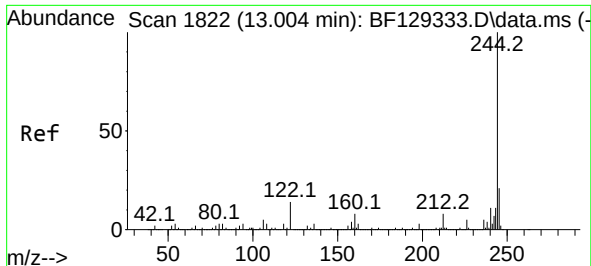
Tgt Ion:240 Resp: 281331
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.4 20.8 31.2



#78
Pyrene
Concen: 8.101 ng
RT: 12.815 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion:202 Resp: 190591
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.6 14.6 21.8

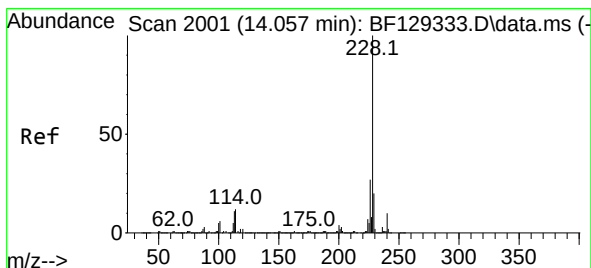
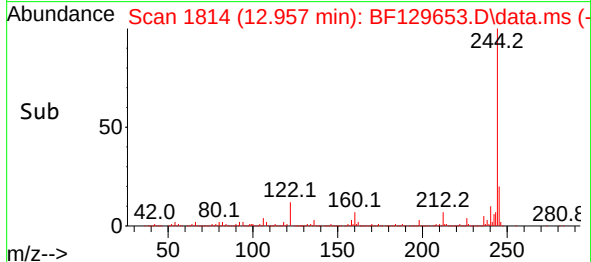
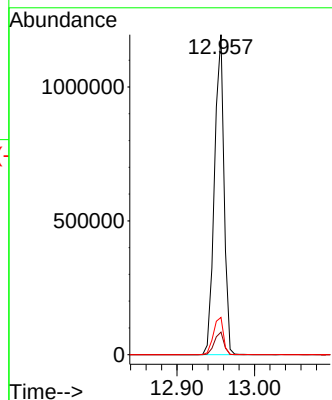
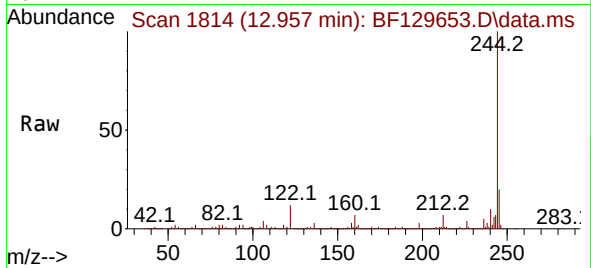




#79
 Terphenyl-d14
 Concen: 68.627 ng
 RT: 12.957 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF129653.D
 Acq: 09 Aug 2022 03:18

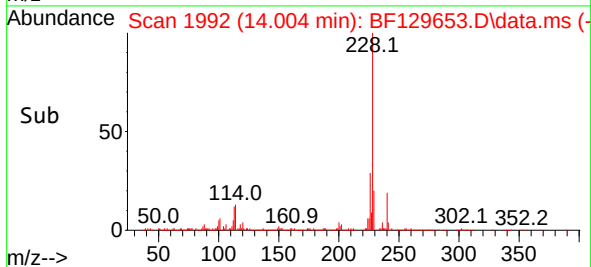
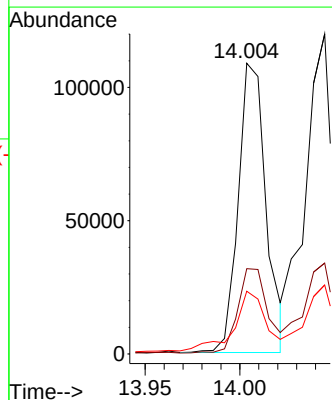
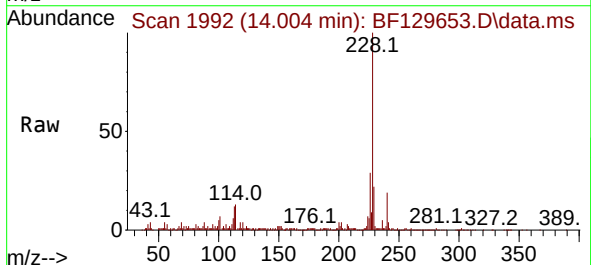
Instrument :
 BNA_F
 ClientSampleId :
 RVE-223

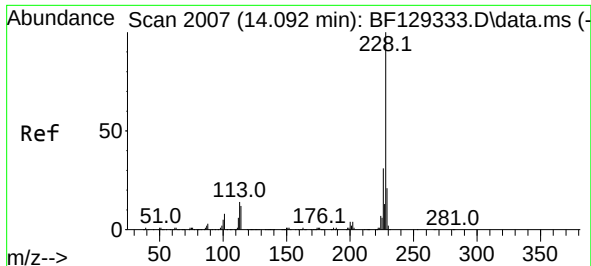
Tgt Ion:244 Resp: 1023376
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.7 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 5.779 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129653.D
 Acq: 09 Aug 2022 03:18

Tgt Ion:228 Resp: 111052
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.1 33.1
 229 21.6 15.8 23.8

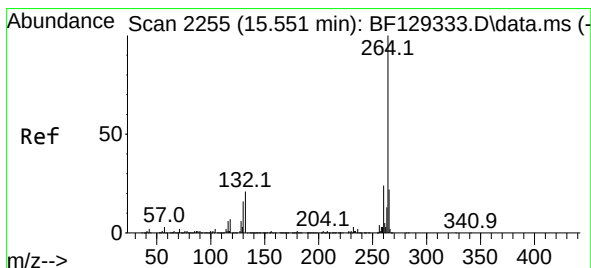
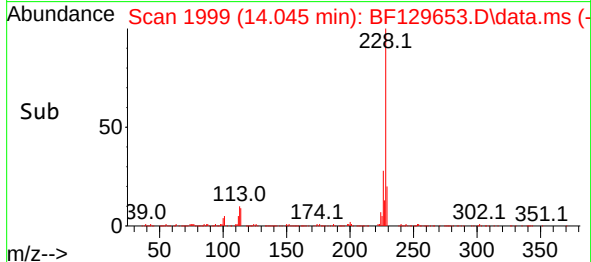
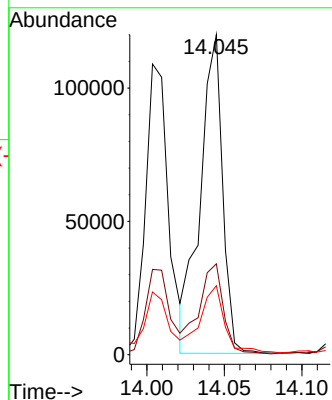
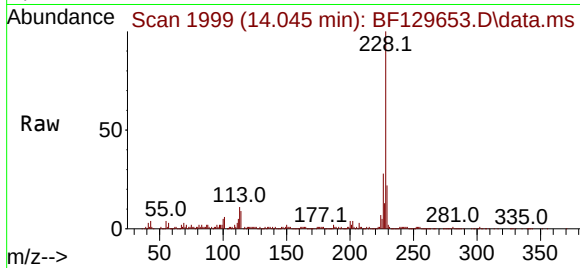




#83
Chrysene
Concen: 6.649 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

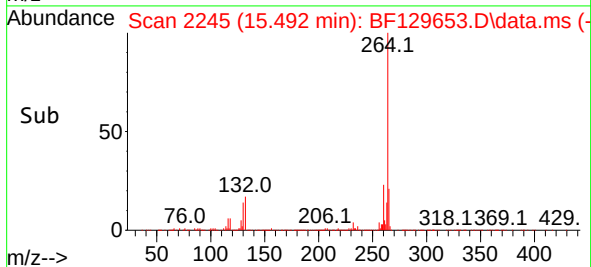
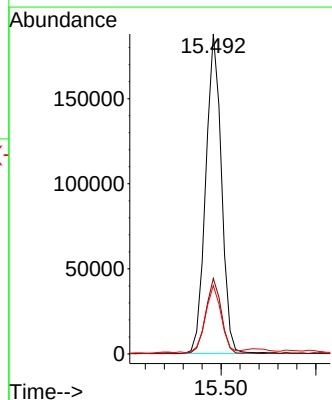
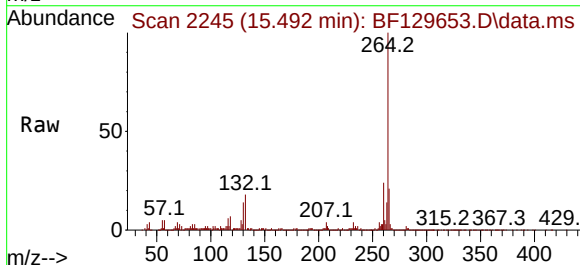
Instrument :
BNA_F
ClientSampleId :
RVE-223

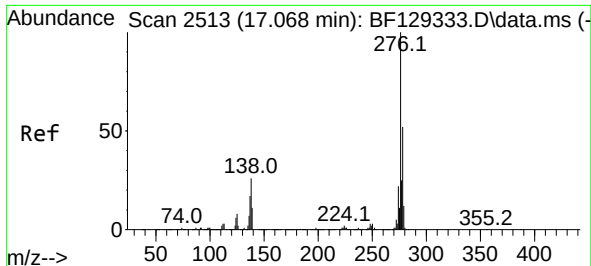
Tgt Ion:228 Resp: 120419
Ion Ratio Lower Upper
228 100
226 28.4 24.3 36.5
229 21.5 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion:264 Resp: 215621
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.3 17.2 25.8

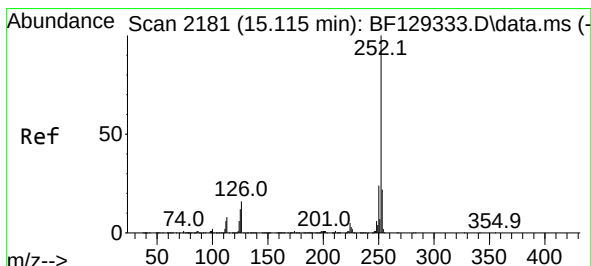
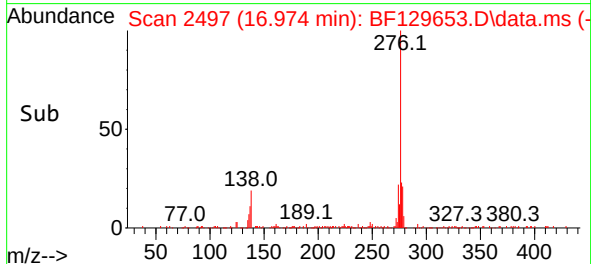
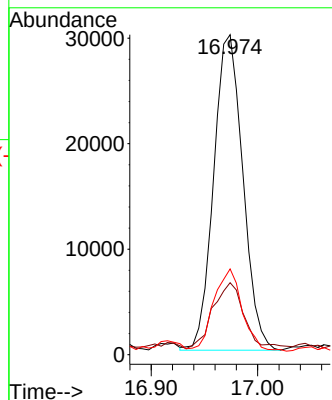
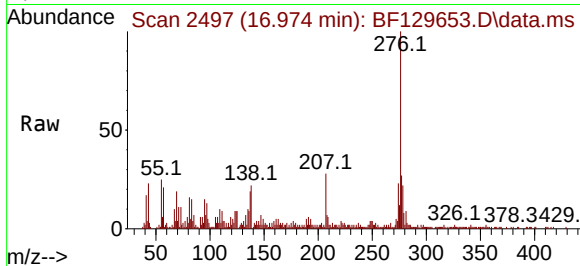




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.920 ng
 RT: 16.974 min Scan# 2497
 Delta R.T. -0.024 min
 Lab File: BF129653.D
 Acq: 09 Aug 2022 03:18

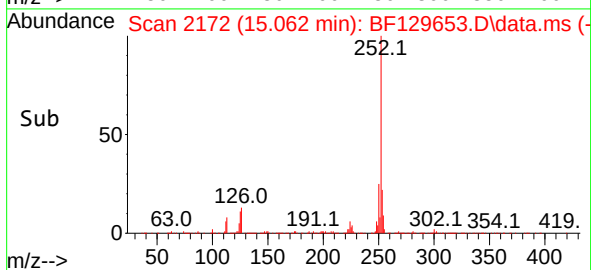
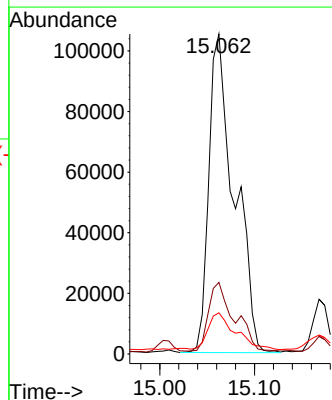
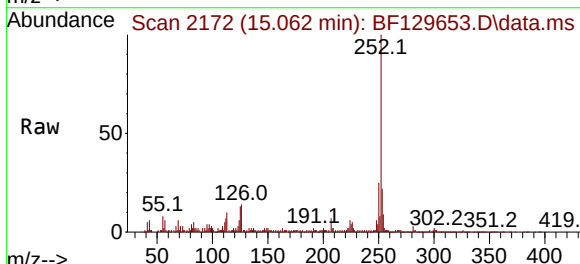
Instrument :
 BNA_F
 ClientSampleId :
 RVE-223

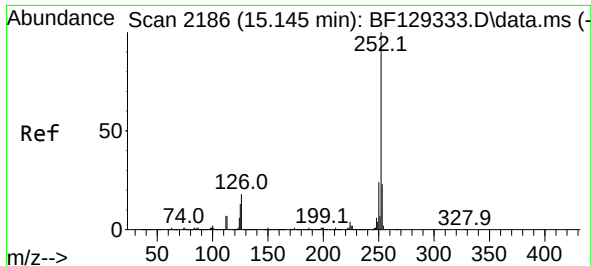
Tgt Ion:276 Resp: 56916
 Ion Ratio Lower Upper
 276 100
 138 22.6 21.1 31.7
 277 25.6 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 13.739 ng
 RT: 15.062 min Scan# 2172
 Delta R.T. -0.006 min
 Lab File: BF129653.D
 Acq: 09 Aug 2022 03:18

Tgt Ion:252 Resp: 196510
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.7 26.5
 125 12.9 8.0 12.0#

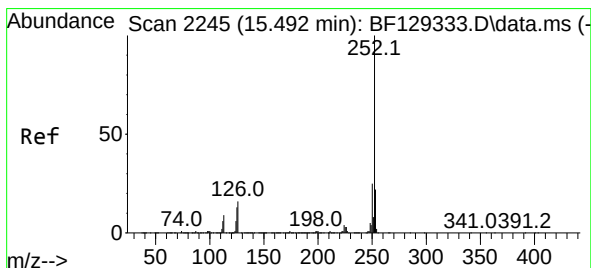
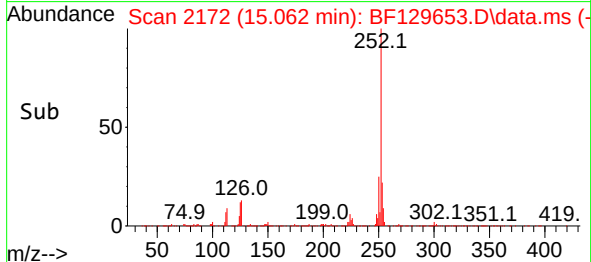
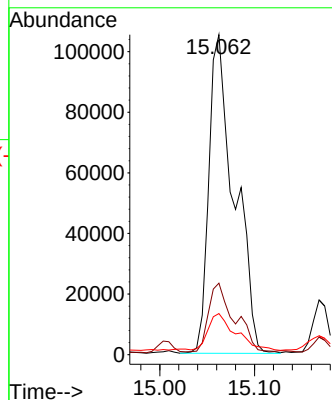
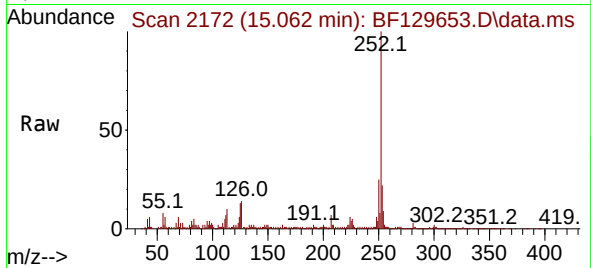




#89
Benzo(k)fluoranthene
Concen: 14.020 ng
RT: 15.062 min Scan# 2186
Delta R.T. -0.041 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

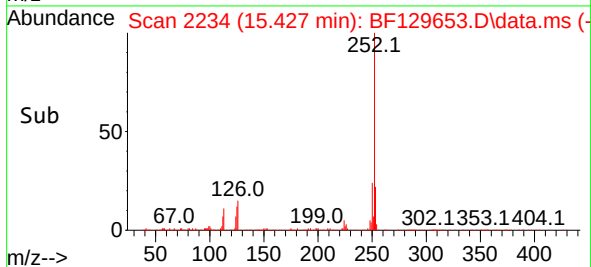
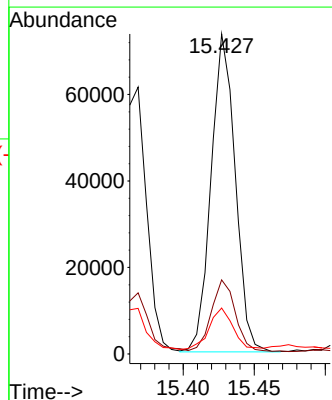
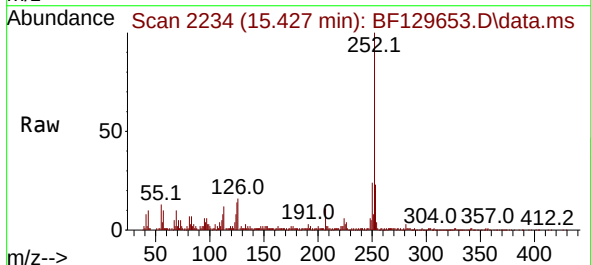
Instrument :
BNA_F
ClientSampleId :
RVE-223

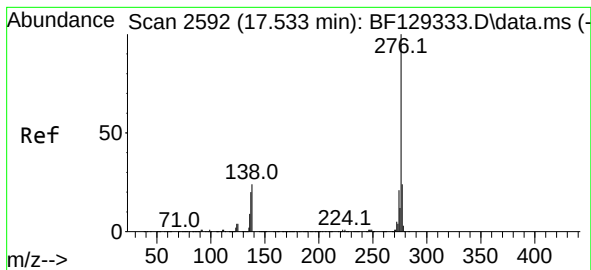
Tgt Ion:252 Resp: 196510
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.9 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 7.500 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion:252 Resp: 87075
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 14.4 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 4.654 ng

RT: 17.427 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF129653.D

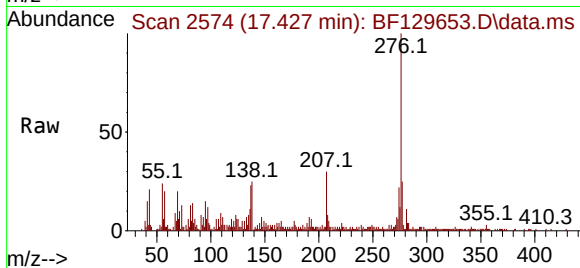
Acq: 09 Aug 2022 03:18

Instrument :

BNA_F

ClientSampleId :

RVE-223



Tgt Ion:276 Resp: 56204

Ion Ratio Lower Upper

276 100

277 25.2 19.1 28.7

138 25.2 18.0 27.0

