

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129549.D
 Acq On : 03 Aug 2022 19:58
 Operator : CG\JU
 Sample : N3930-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-110

Quant Time: Aug 04 02:20:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

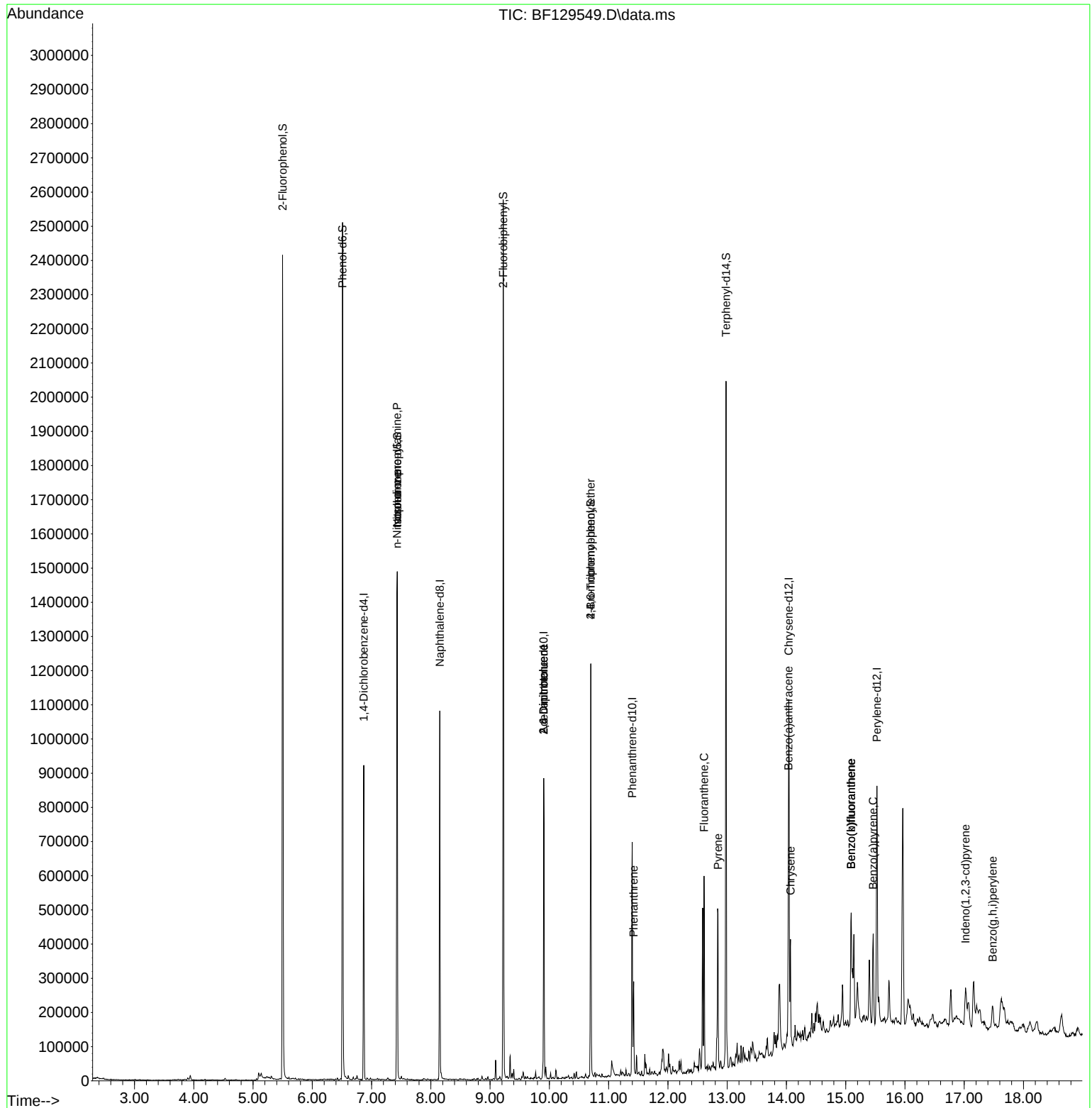
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	123844	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	430507	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	175248	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	240247	20.000	ng	0.00
76) Chrysene-d12	14.039	240	287297	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	302655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	646443	85.031	ng	0.00
7) Phenol-d6	6.510	99	767008	80.266	ng	-0.01
23) Nitrobenzene-d5	7.434	82	480196	60.889	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	119683	71.034	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	728542	64.310	ng	-0.01
79) Terphenyl-d14	12.980	244	602573	39.569	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	62819	10.859	ng	# 74
25) Isophorone	7.434	82	480193	33.969	ng	# 65
51) 2,6-Dinitrotoluene	9.904	165	22343	8.251	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	22343	6.316	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	7548	2.869	ng	# 1
71) Phenanthrene	11.422	178	92689	7.068	ng	96
75) Fluoranthene	12.610	202	205345	15.454	ng	97
78) Pyrene	12.845	202	194516	8.097	ng	95
81) Benzo(a)anthracene	14.033	228	127166	6.480	ng	100
83) Chrysene	14.069	228	119749	6.474	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	65886	3.233	ng	95
88) Benzo(b)fluoranthene	15.092	252	237173	11.814	ng	98
89) Benzo(k)fluoranthene	15.092	252	237173	12.055	ng	99
90) Benzo(a)pyrene	15.463	252	119934	7.359	ng	97
92) Benzo(g,h,i)perylene	17.480	276	58173	3.432	ng	96

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

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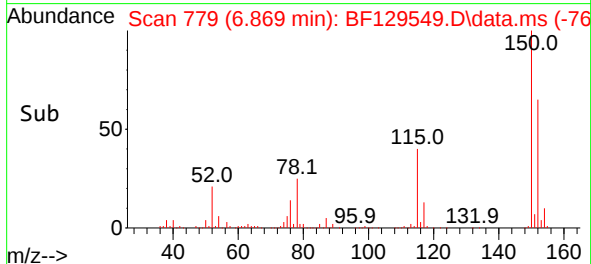
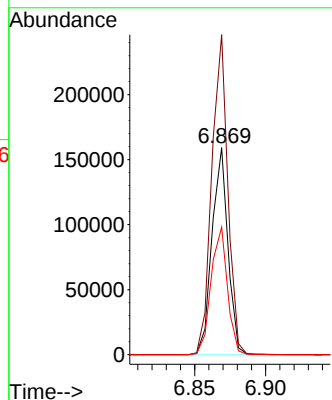
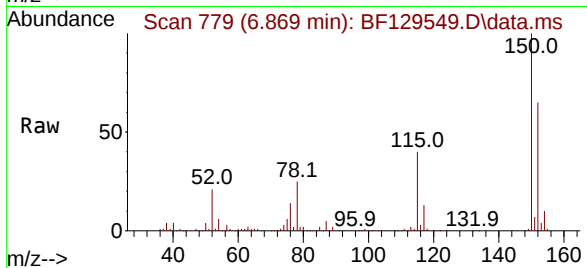




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129549.D
 Acq: 03 Aug 2022 19:58

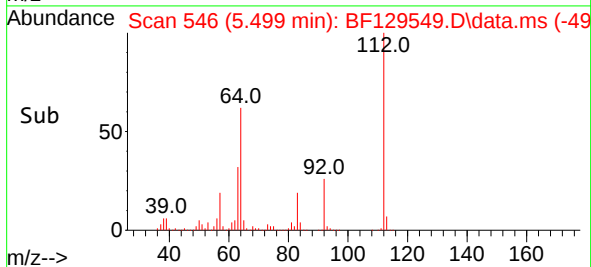
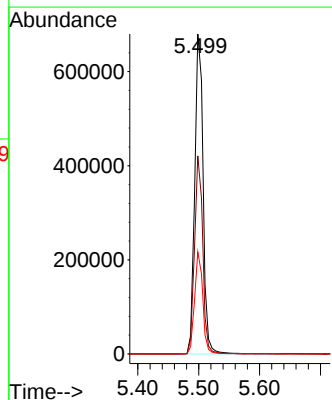
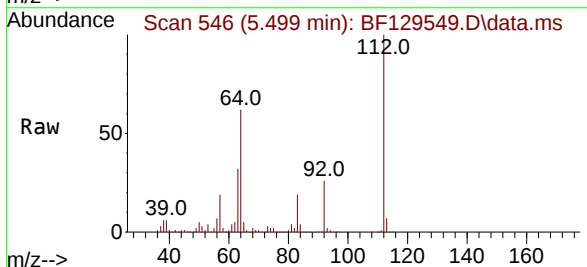
Instrument :
 BNA_F
 ClientSampleId :
 RVE-110

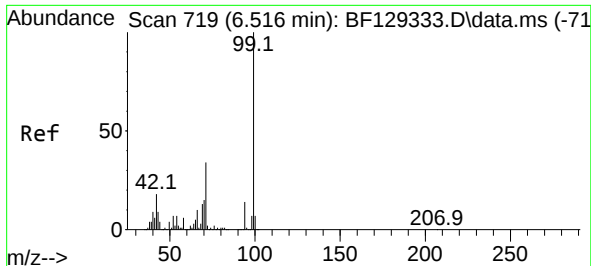
Tgt Ion:152 Resp: 123844
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.7 185.5
 115 61.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 85.031 ng
 RT: 5.499 min Scan# 546
 Delta R.T. -0.006 min
 Lab File: BF129549.D
 Acq: 03 Aug 2022 19:58

Tgt Ion:112 Resp: 646443
 Ion Ratio Lower Upper
 112 100
 64 61.9 53.3 79.9
 63 31.9 28.0 42.0

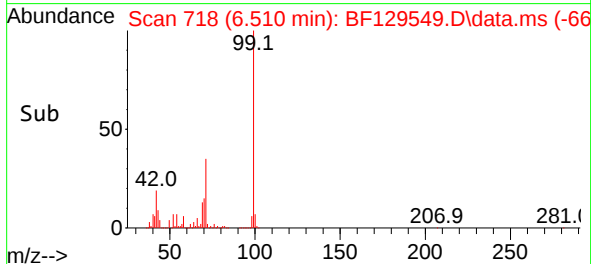
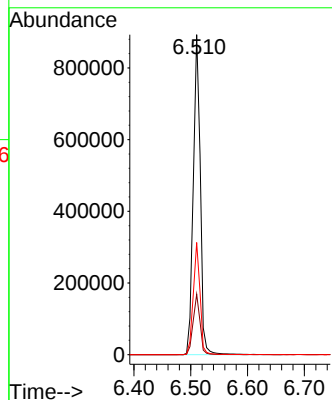
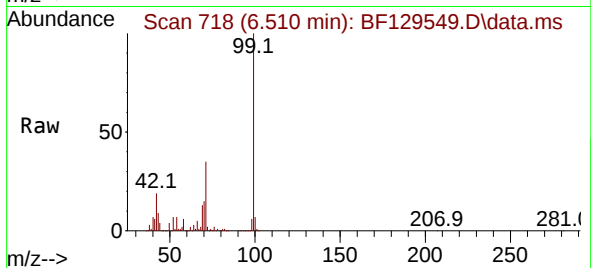




#7
Phenol-d6
Concen: 80.266 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

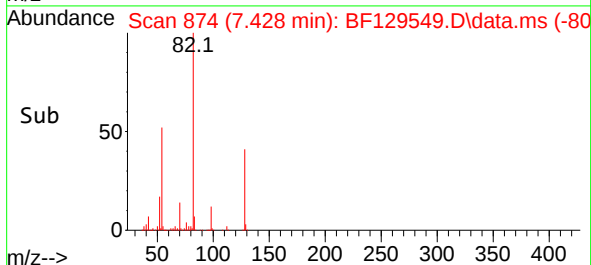
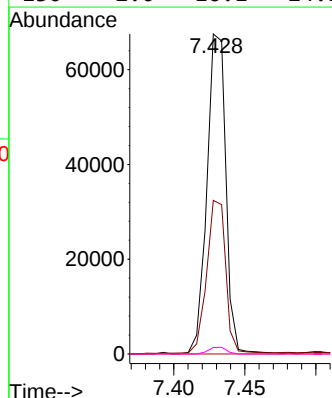
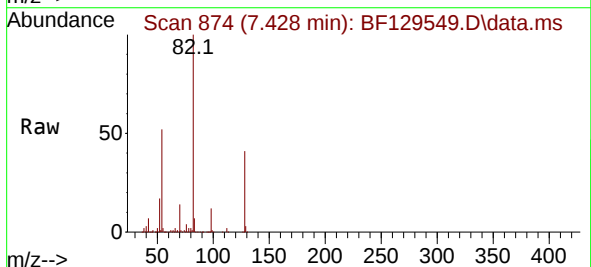
Instrument :
BNA_F
ClientSampleId :
RVE-110

Tgt Ion: 99 Resp: 767008
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.859 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.135 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion: 70 Resp: 62819
Ion Ratio Lower Upper
70 100
42 48.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



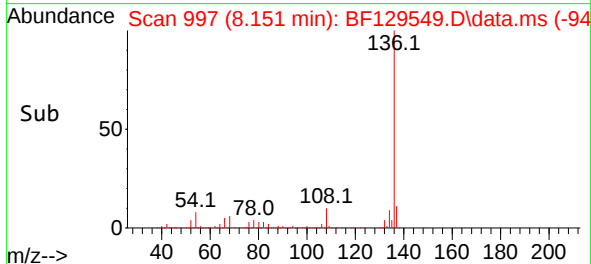
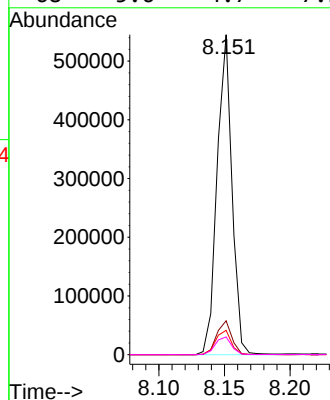
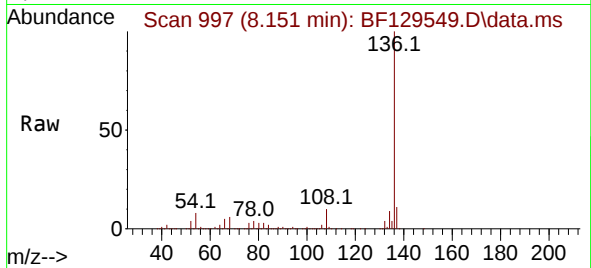


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Instrument :
BNA_F
ClientSampleId :
RVE-110

Tgt Ion:136 Resp: 430507

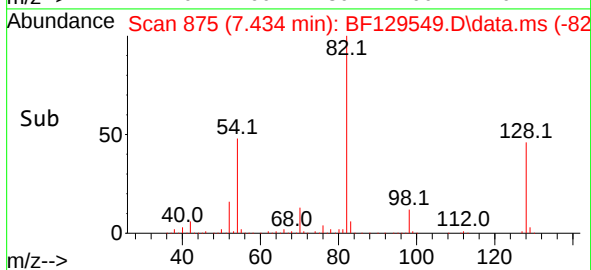
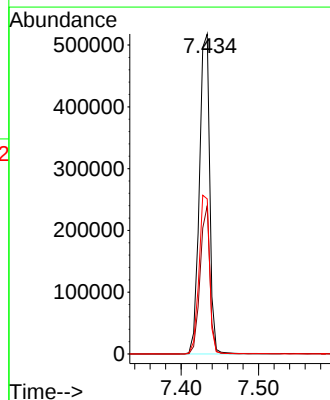
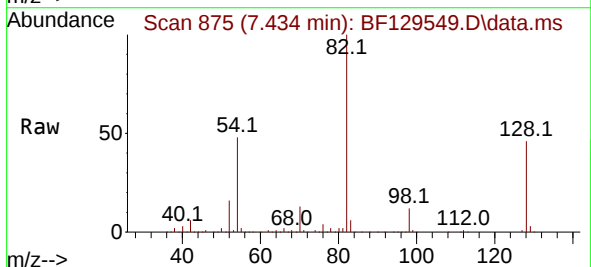
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.6	7.5	11.3
68	5.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 60.889 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion: 82 Resp: 480196

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	48.5	46.9	70.3

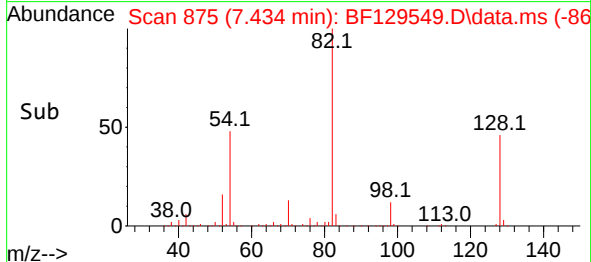
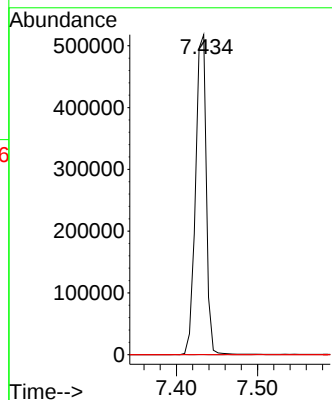
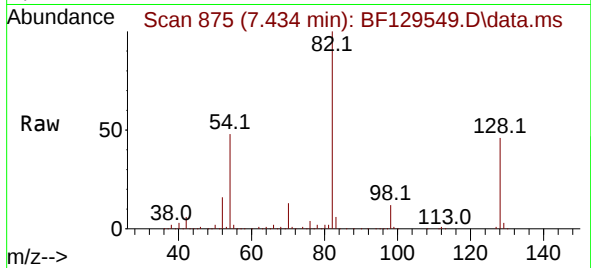




#25
Isophorone
Concen: 33.969 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

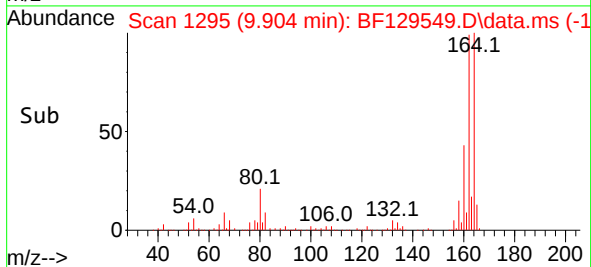
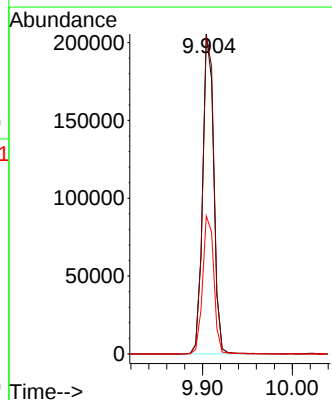
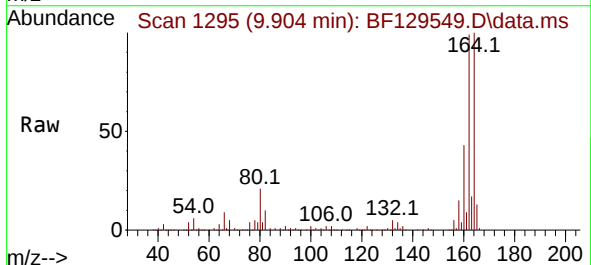
Instrument :
BNA_F
ClientSampleId :
RVE-110

Tgt Ion: 82 Resp: 480193
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: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion: 164 Resp: 175248
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 43.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 71.034 ng

RT: 10.698 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-110

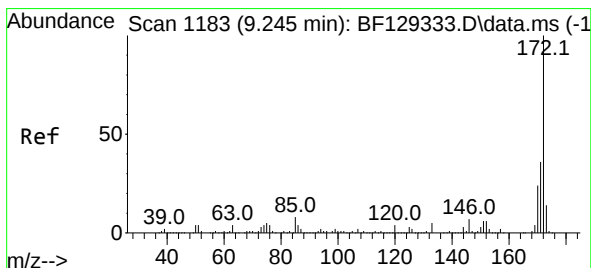
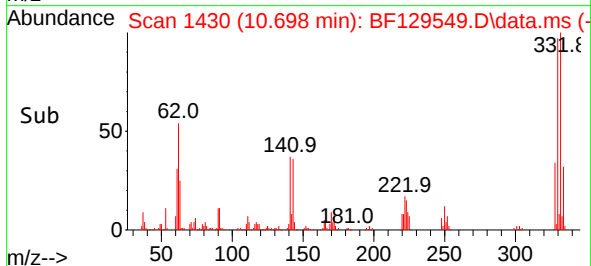
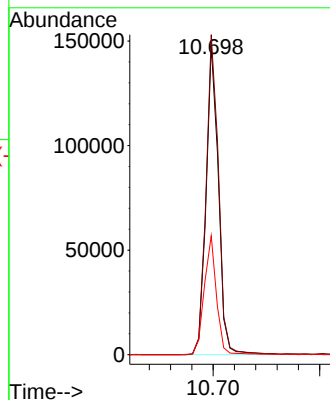
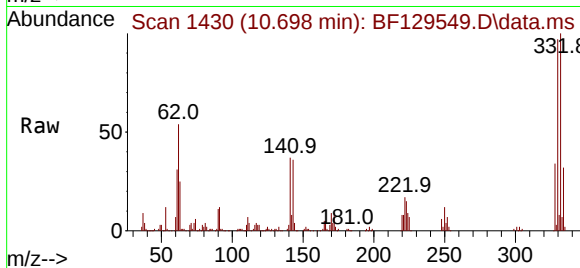
Tgt Ion:330 Resp: 119683

Ion Ratio Lower Upper

330 100

332 105.3 76.8 115.2

141 38.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.310 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

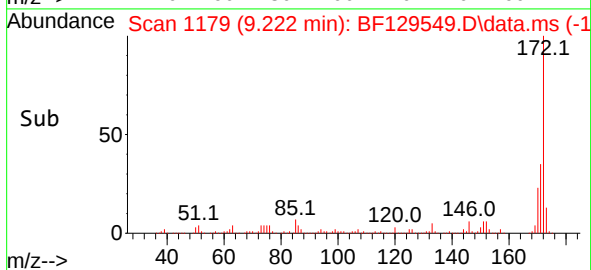
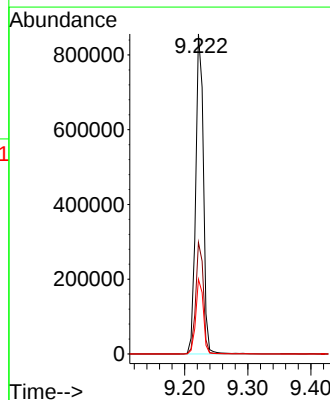
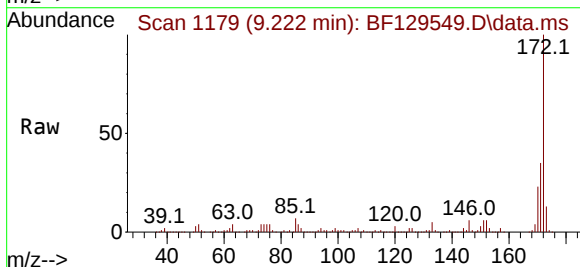
Tgt Ion:172 Resp: 728542

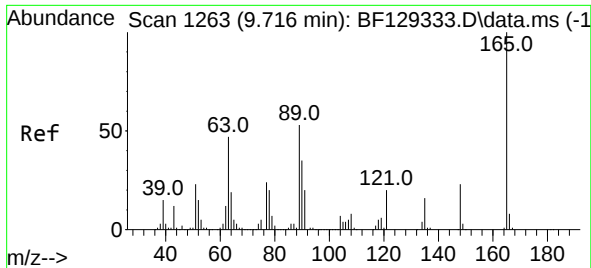
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.4 19.8 29.8

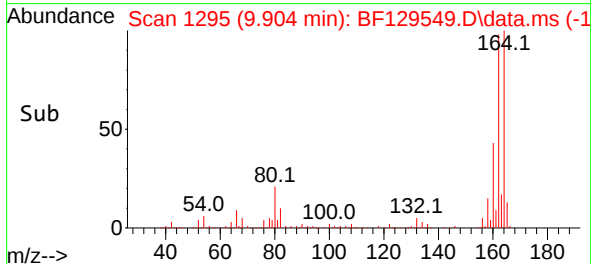
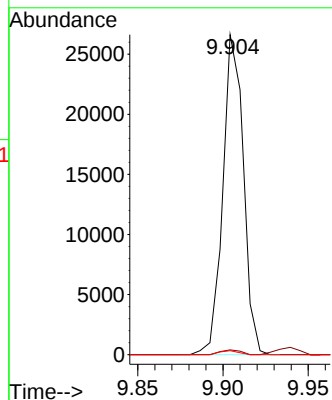
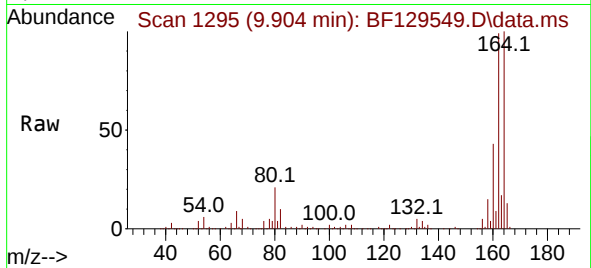




#51
2,6-Dinitrotoluene
Concen: 8.251 ng
RT: 9.904 min Scan# 1263
Delta R.T. 0.200 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

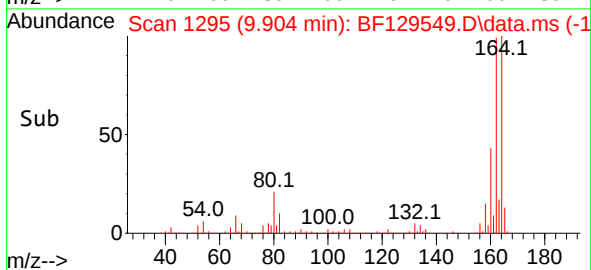
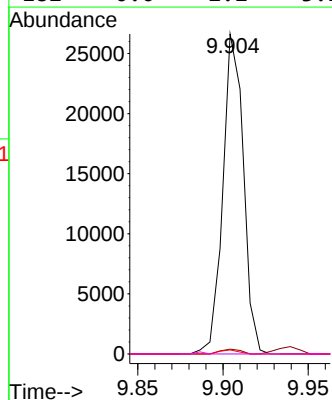
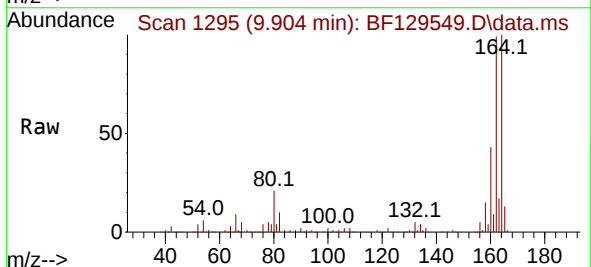
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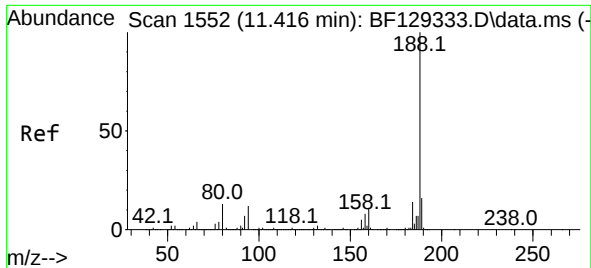
Tgt Ion:165 Resp: 22343
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.316 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion:165 Resp: 22343
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

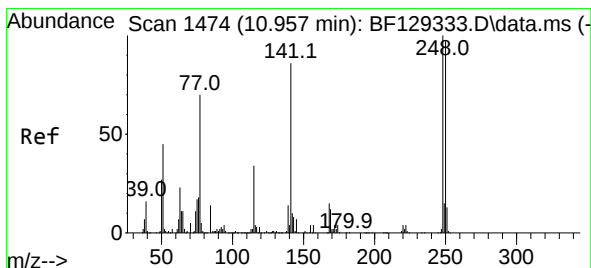
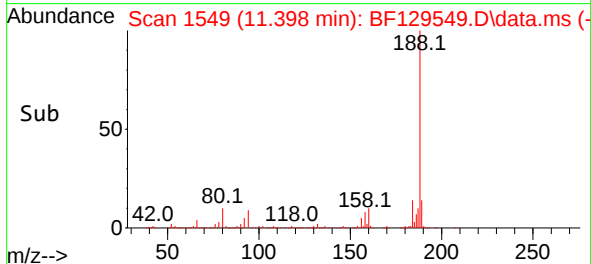
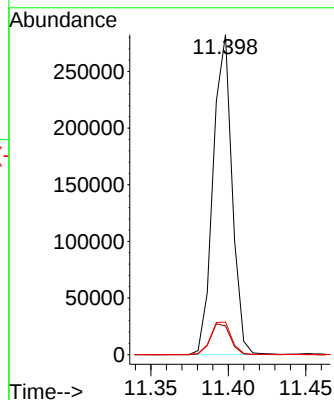
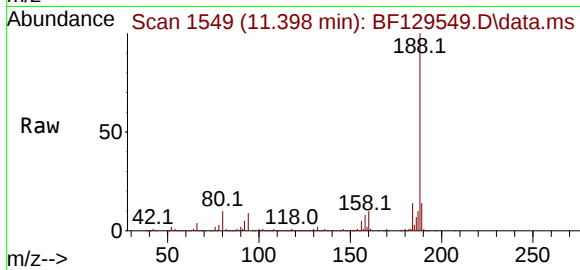




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

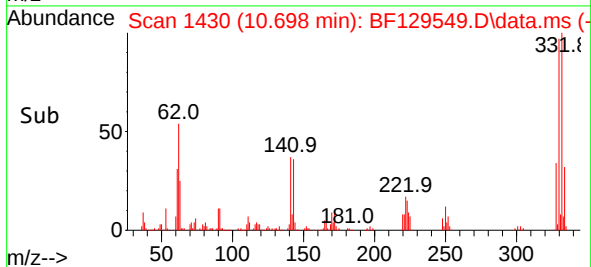
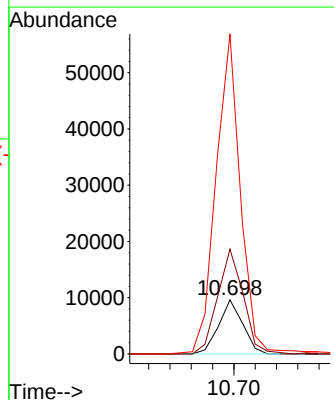
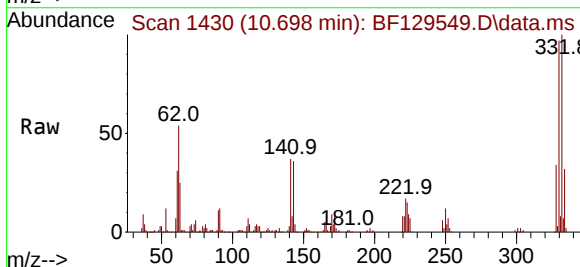
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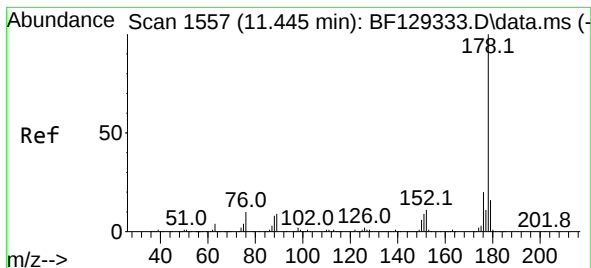
Tgt Ion:188 Resp: 240247
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.2 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.869 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion:248 Resp: 7548
Ion Ratio Lower Upper
248 100
250 193.7 80.6 120.8#
141 591.5 58.9 88.3#





#71

Phenanthrene

Concen: 7.068 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-110

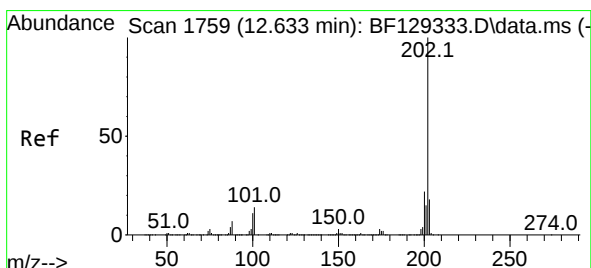
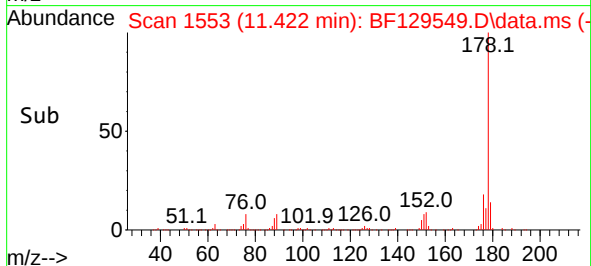
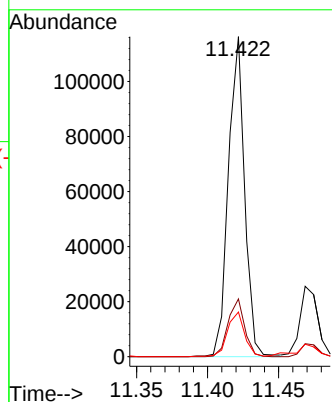
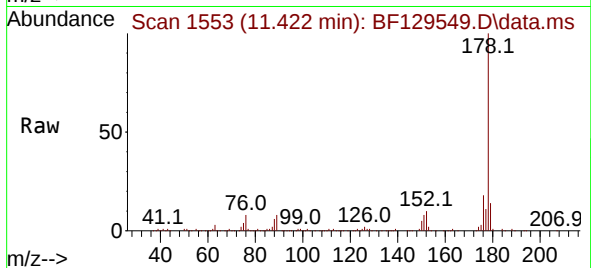
Tgt Ion:178 Resp: 92689

Ion Ratio Lower Upper

178 100

176 18.0 16.0 24.0

179 13.9 12.6 19.0



#75

Fluoranthene

Concen: 15.454 ng

RT: 12.610 min Scan# 1755

Delta R.T. -0.012 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

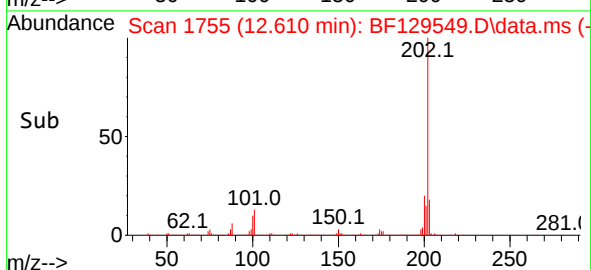
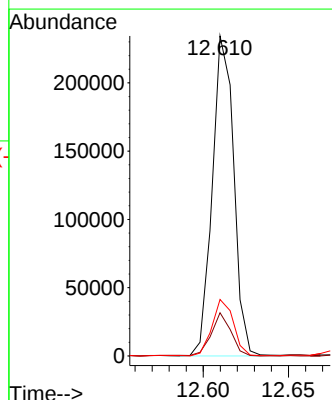
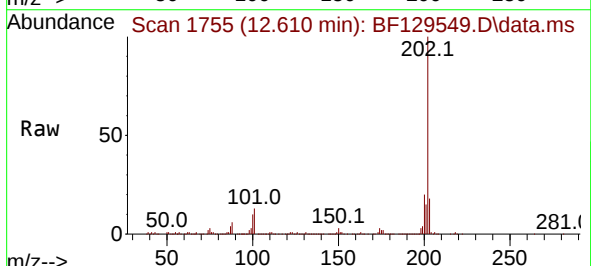
Tgt Ion:202 Resp: 205345

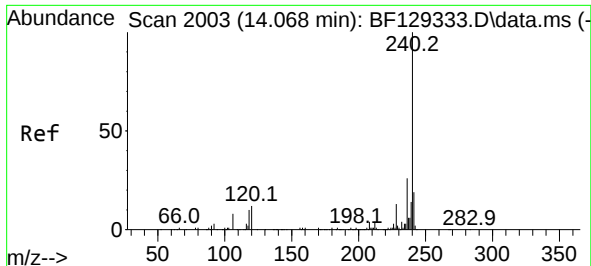
Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.4

203 17.6 0.0 38.0

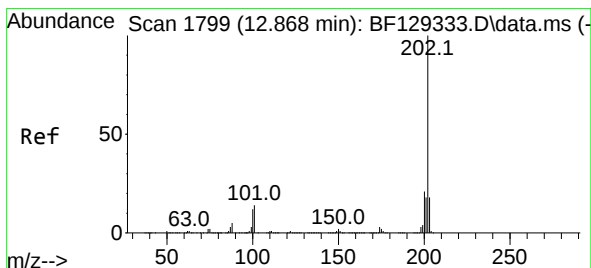
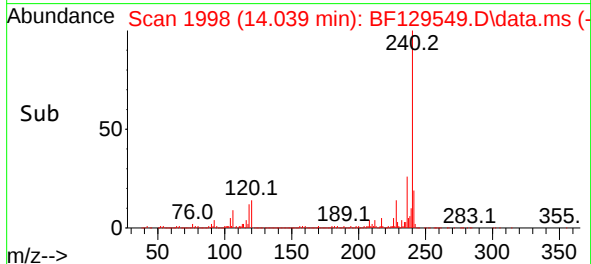
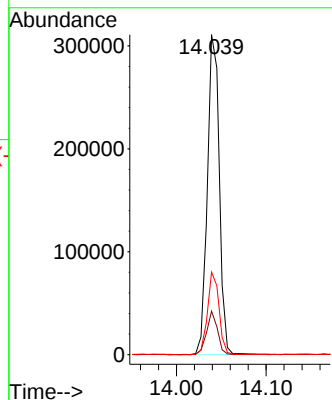
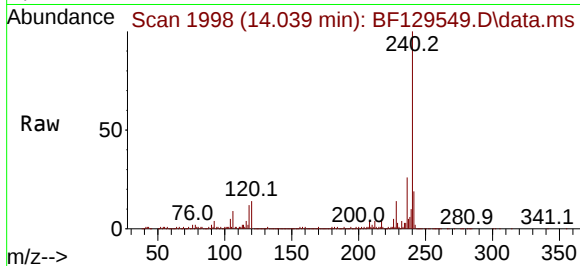




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

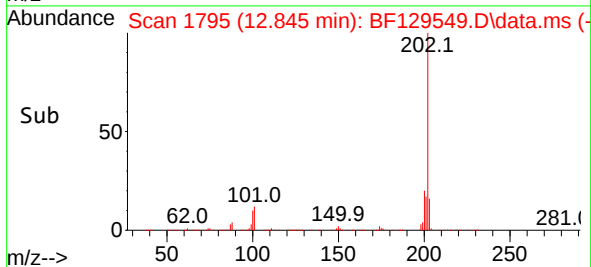
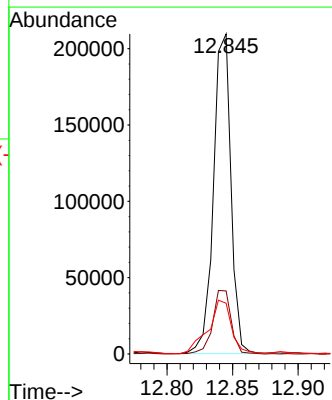
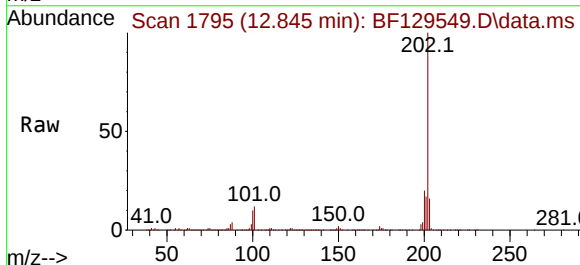
Instrument :
BNA_F
ClientSampleId :
RVE-110

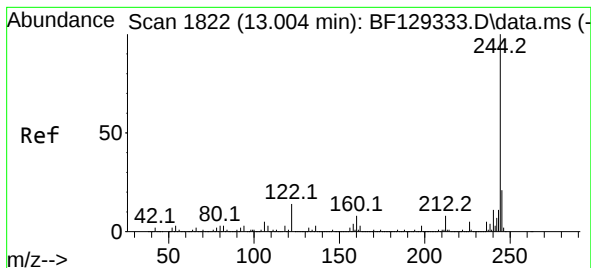
Tgt Ion:240 Resp: 287297
Ion Ratio Lower Upper
240 100
120 13.6 8.9 13.3#
236 25.8 20.8 31.2



#78
Pyrene
Concen: 8.097 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion:202 Resp: 194516
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 15.9 14.6 21.8





#79

Terphenyl-d14

Concen: 39.569 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-110

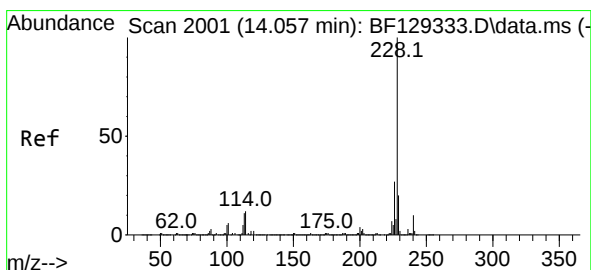
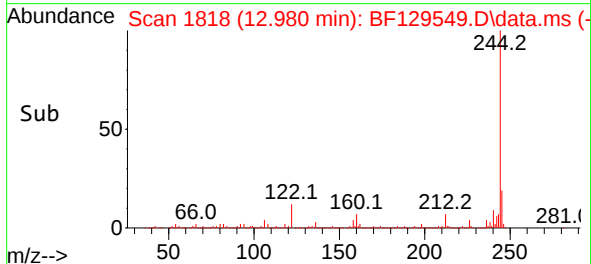
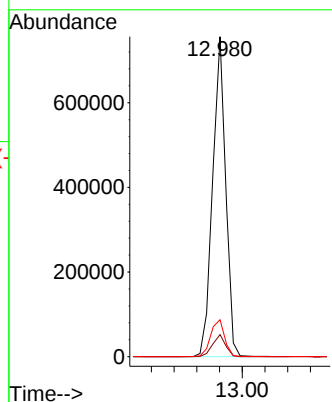
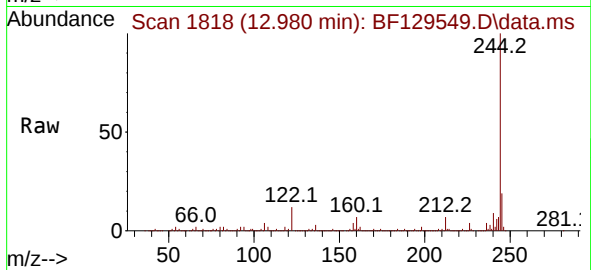
Tgt Ion:244 Resp: 602573

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 11.5 8.8 13.2



#81

Benzo(a)anthracene

Concen: 6.480 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

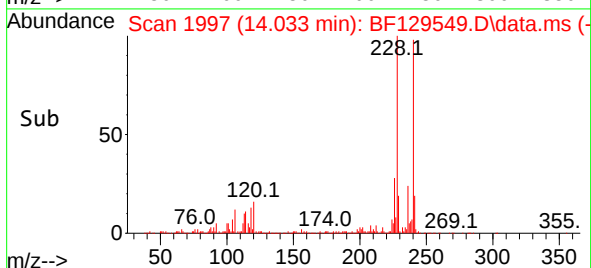
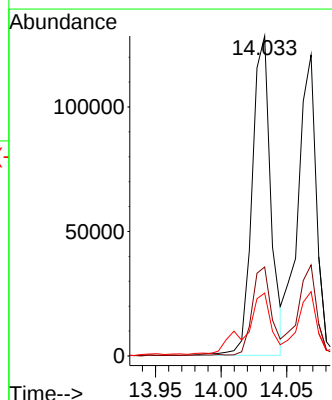
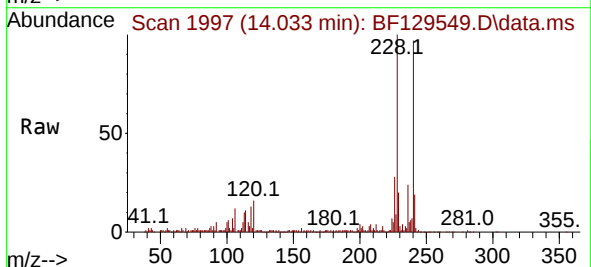
Tgt Ion:228 Resp: 127166

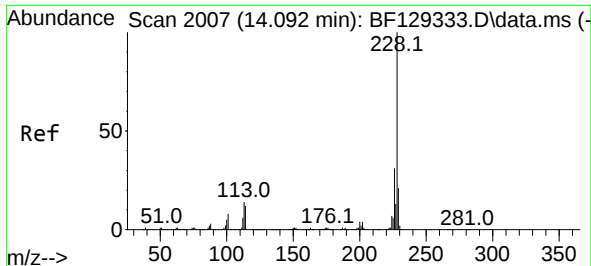
Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

229 19.7 15.8 23.8

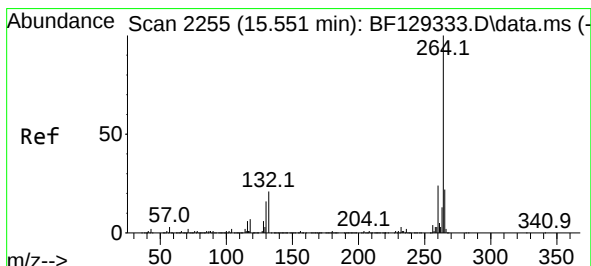
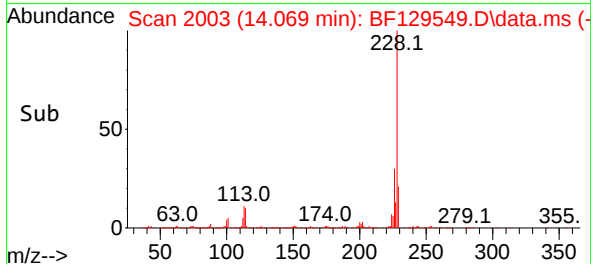
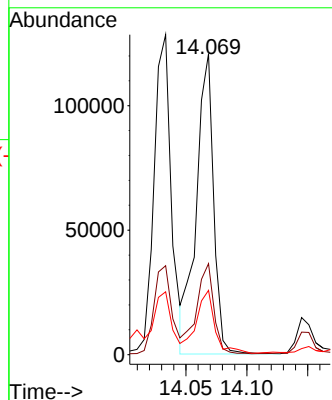
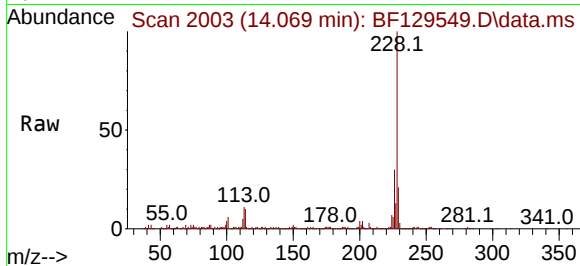




#83
Chrysene
Concen: 6.474 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

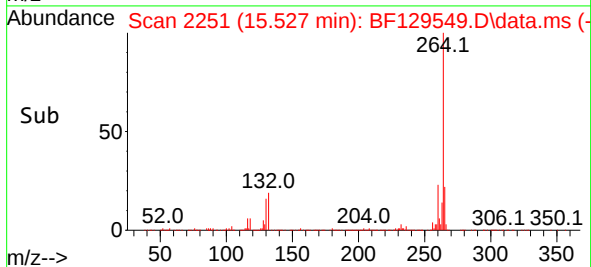
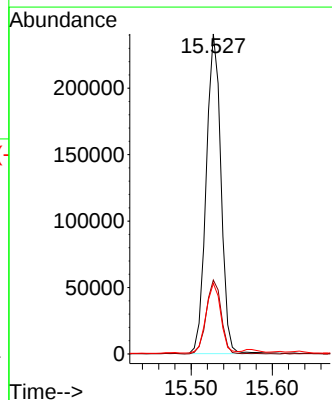
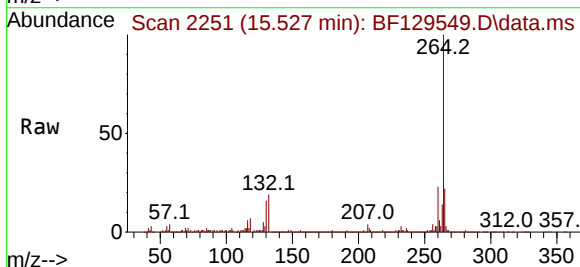
Instrument :
BNA_F
ClientSampleId :
RVE-110

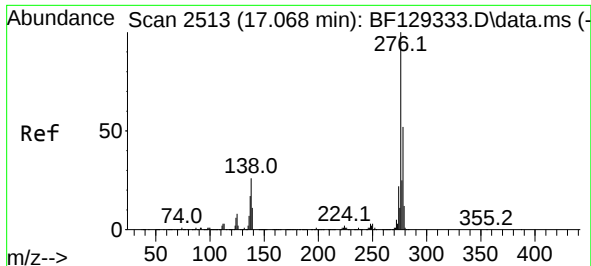
Tgt Ion:228 Resp: 119749
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.4 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion:264 Resp: 302655
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 22.0 17.2 25.8

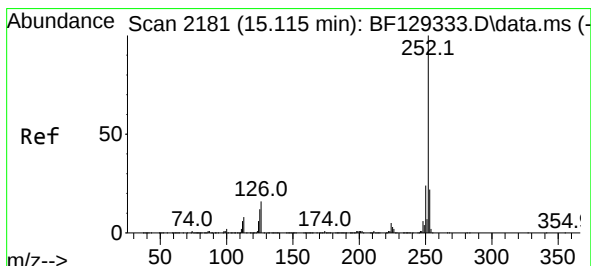
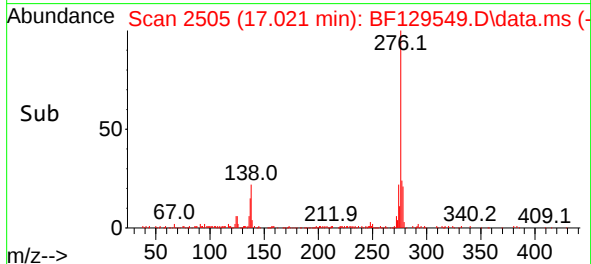
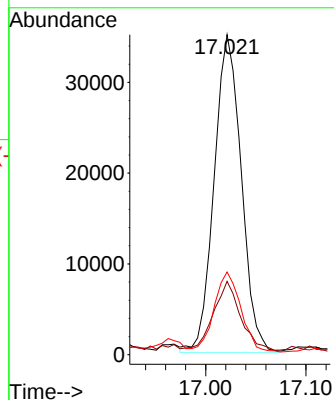
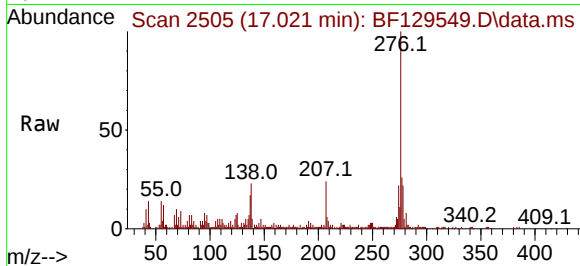




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.233 ng
RT: 17.021 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

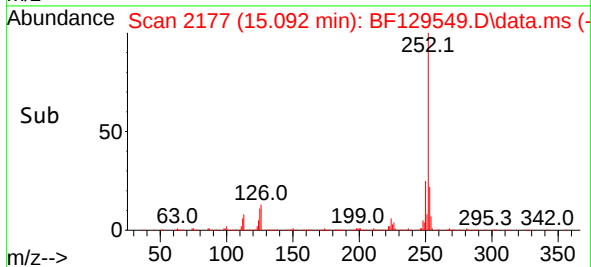
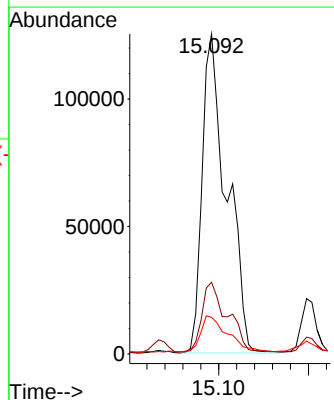
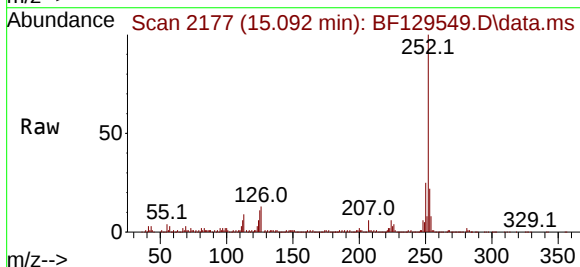
Instrument :
BNA_F
ClientSampleId :
RVE-110

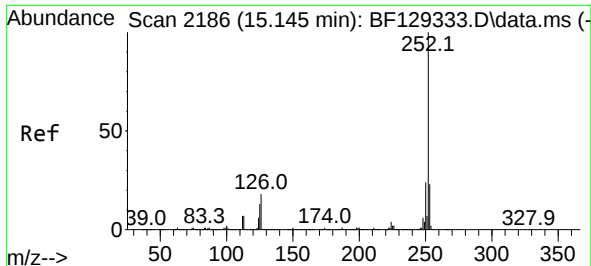
Tgt Ion:276 Resp: 65886
Ion Ratio Lower Upper
276 100
138 21.8 21.1 31.7
277 24.7 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 11.814 ng
RT: 15.092 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF129549.D
Acq: 03 Aug 2022 19:58

Tgt Ion:252 Resp: 237173
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 12.055 ng

RT: 15.092 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

Instrument :

BNA_F

ClientSampleId :

RVE-110

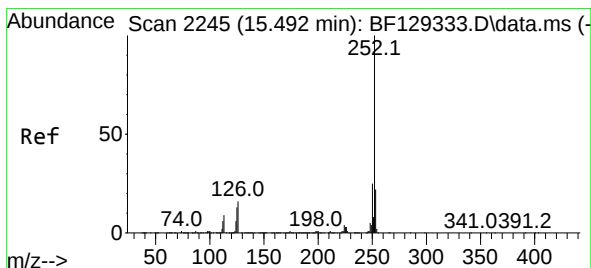
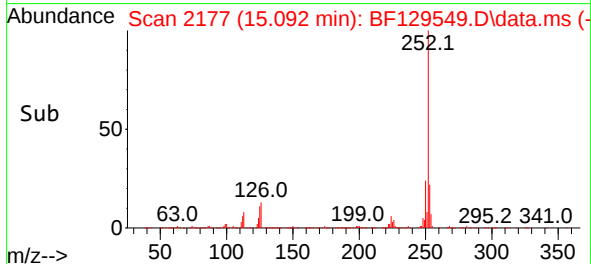
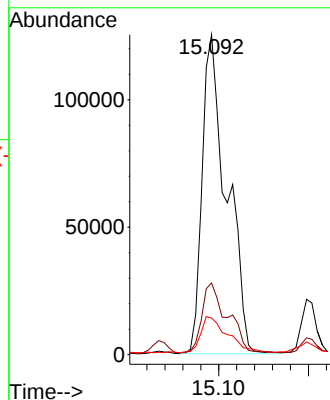
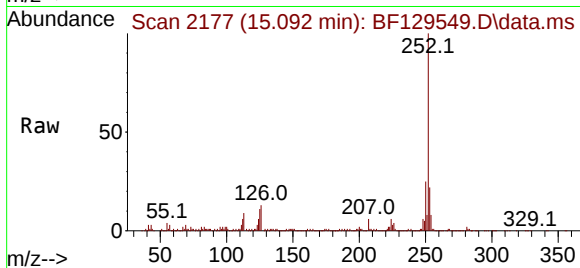
Tgt Ion:252 Resp: 237173

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 11.4 8.3 12.5



#90

Benzo(a)pyrene

Concen: 7.359 ng

RT: 15.463 min Scan# 2240

Delta R.T. -0.006 min

Lab File: BF129549.D

Acq: 03 Aug 2022 19:58

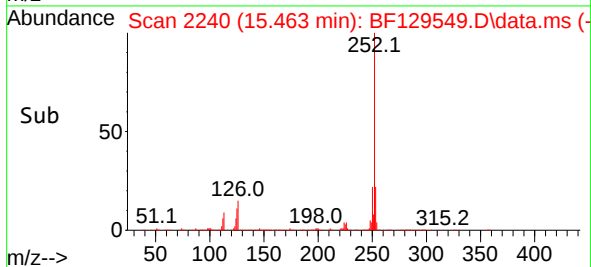
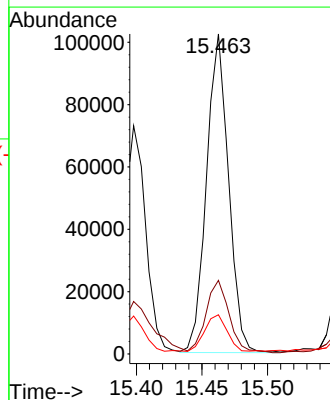
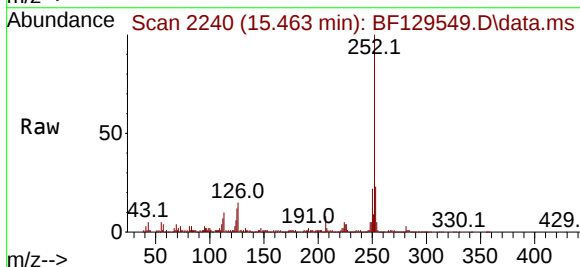
Tgt Ion:252 Resp: 119934

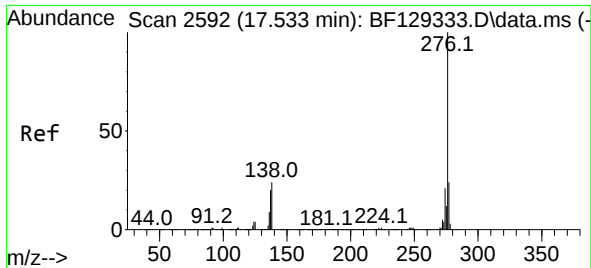
Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

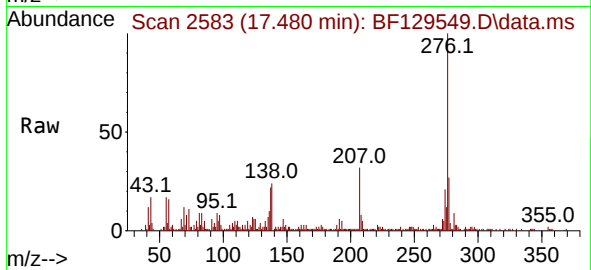
125 12.2 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.432 ng
 RT: 17.480 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129549.D
 Acq: 03 Aug 2022 19:58

Instrument :
 BNA_F
 ClientSampleId :
 RVE-110



Tgt Ion: 276 Resp: 58173
 Ion Ratio Lower Upper
 276 100
 277 26.7 19.1 28.7
 138 24.0 18.0 27.0

