

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129649.D
 Acq On : 09 Aug 2022 01:04
 Operator : CG\JU
 Sample : N3962-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-200

Quant Time: Aug 09 01:24:54 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)

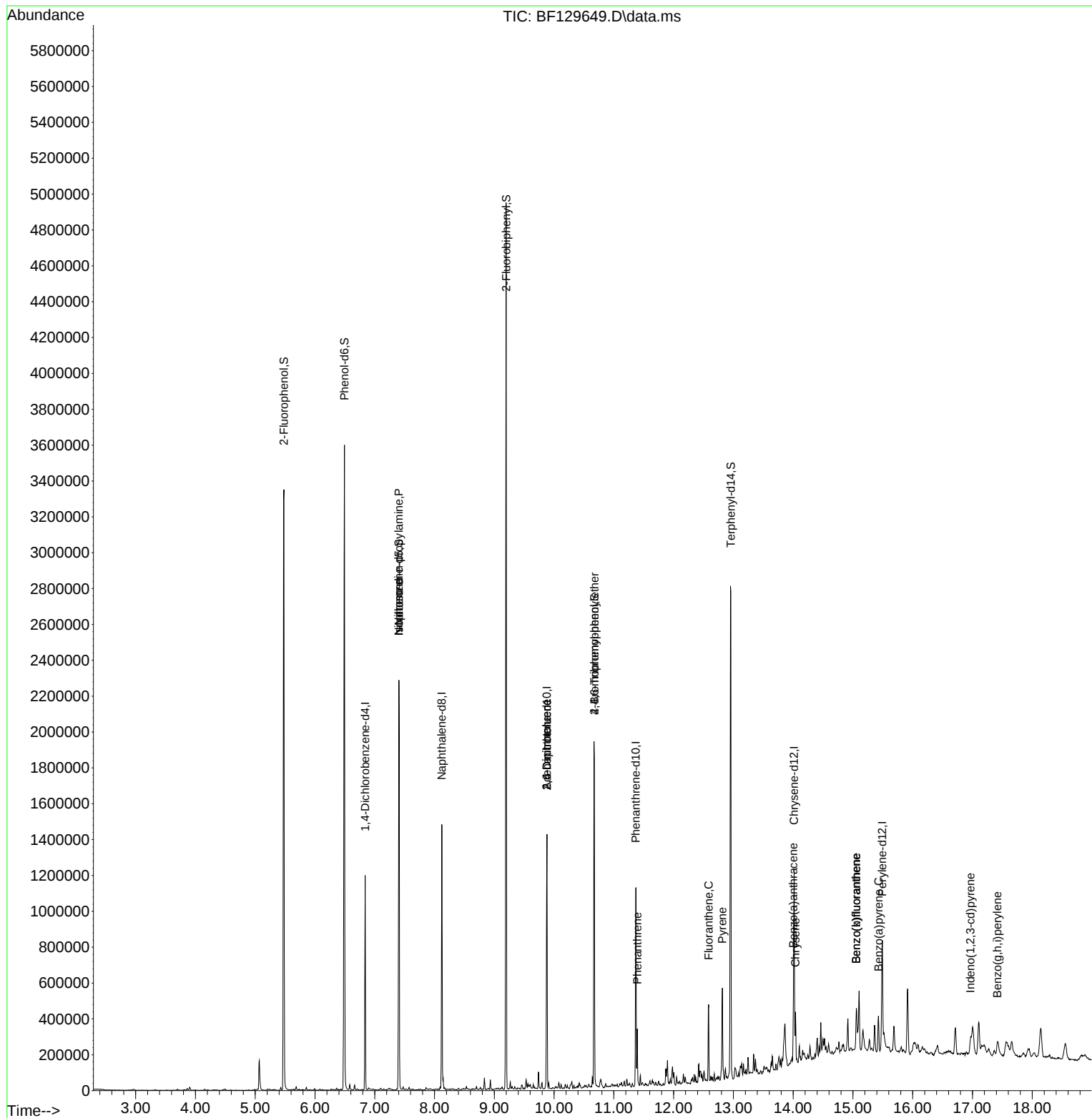
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	153855	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	588673	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	270459	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	357639	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	294181	20.000	ng	-0.01
86) Perylene-d12	15.492	264	248381	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	965528	102.229	ng	0.00
7) Phenol-d6	6.492	99	1187855	100.059	ng	-0.01
23) Nitrobenzene-d5	7.404	82	760855	70.555	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	224835	86.466	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1325687	75.826	ng	-0.01
79) Terphenyl-d14	12.957	244	967925	62.073	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	101347	14.102	ng	# 74
25) Isophorone	7.404	82	758546	39.242	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	35836	8.576	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	35836	6.565	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	13922	3.555	ng	# 1
71) Phenanthrene	11.392	178	105527	5.405	ng	97
75) Fluoranthene	12.586	202	163096	8.245	ng	98
78) Pyrene	12.816	202	194857	7.921	ng	97
81) Benzo(a)anthracene	14.004	228	103795	5.165	ng	94
83) Chrysene	14.039	228	106538	5.625	ng	96
87) Indeno(1,2,3-cd)pyrene	16.968	276	50136	2.997	ng	94
88) Benzo(b)fluoranthene	15.057	252	159972	9.709	ng	# 95
89) Benzo(k)fluoranthene	15.057	252	159972	9.908	ng	# 96
90) Benzo(a)pyrene	15.427	252	86304	6.453	ng	97
92) Benzo(g,h,i)perylene	17.415	276	54504	3.918	ng	98

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

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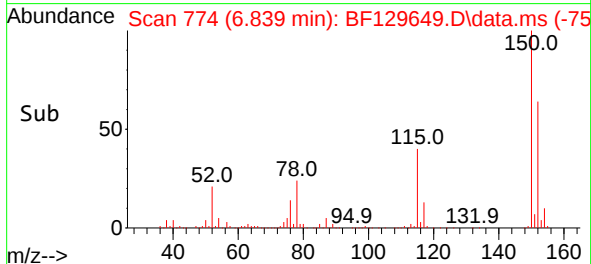
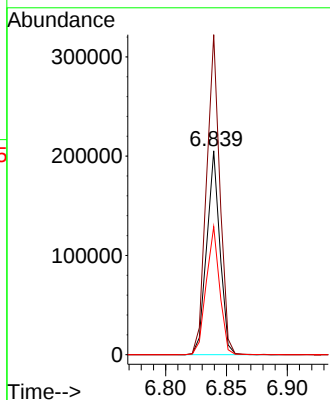
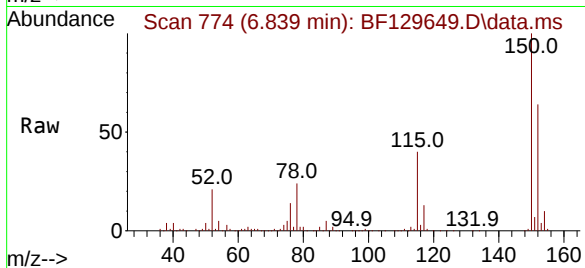




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129649.D
 Acq: 09 Aug 2022 01:04

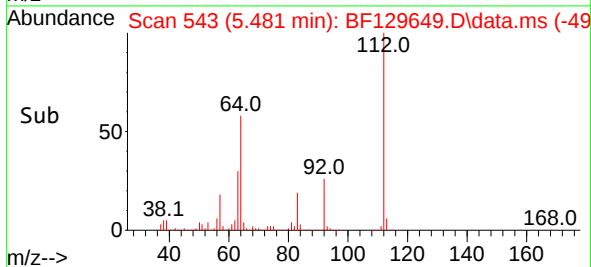
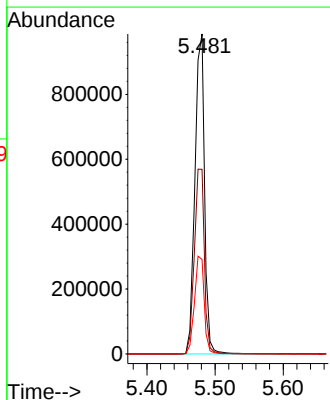
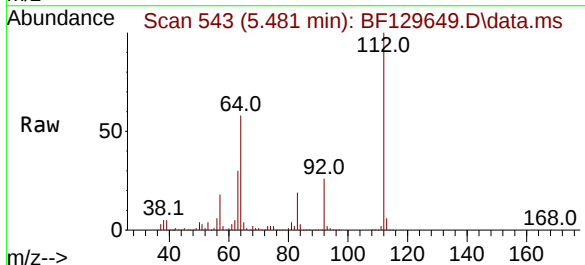
Instrument :
 BNA_F
 ClientSampleId :
 RVE-200

Tgt Ion:152 Resp: 153855
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 62.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 102.229 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF129649.D
 Acq: 09 Aug 2022 01:04

Tgt Ion:112 Resp: 965528
 Ion Ratio Lower Upper
 112 100
 64 57.7 53.3 79.9
 63 29.6 28.0 42.0

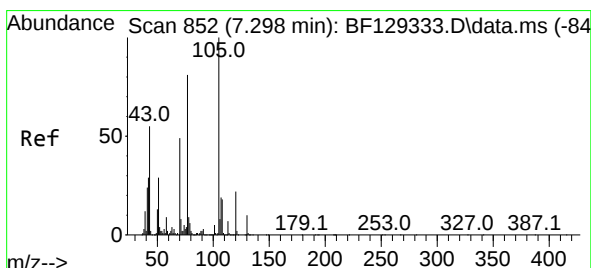
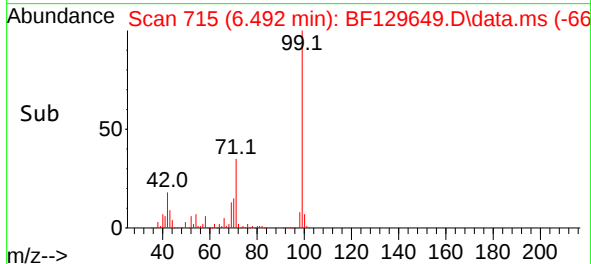
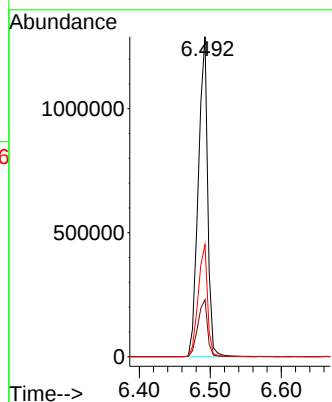
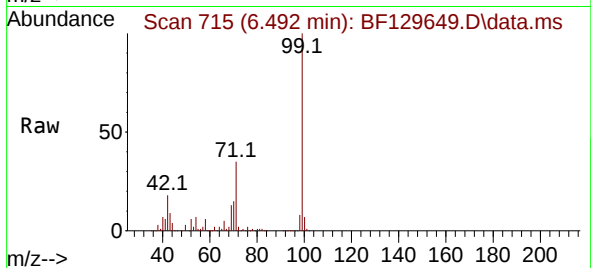




#7
Phenol-d6
Concen: 100.059 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

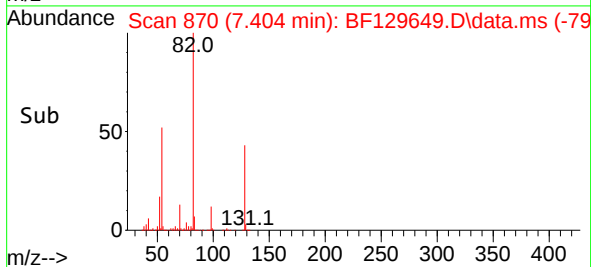
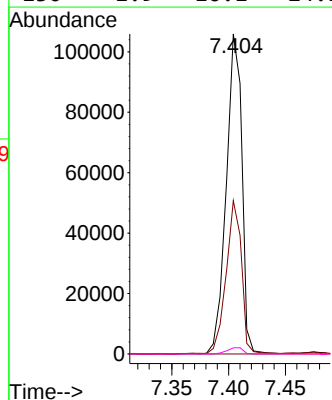
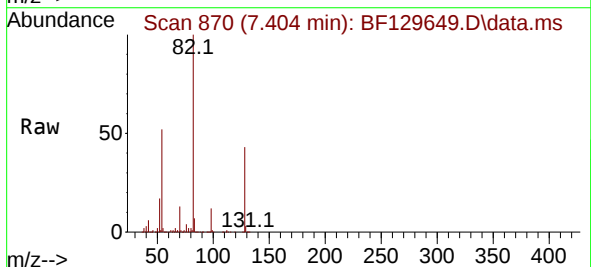
Instrument :
BNA_F
ClientSampleId :
RVE-200

Tgt Ion: 99 Resp: 1187855
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 35.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.102 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion: 70 Resp: 101347
Ion Ratio Lower Upper
70 100
42 47.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



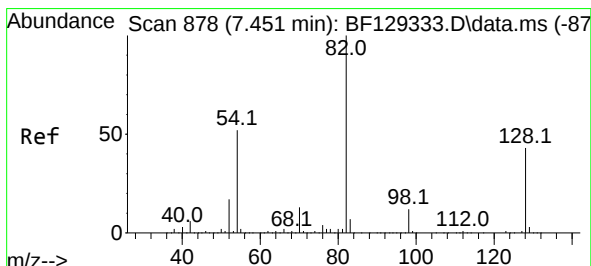
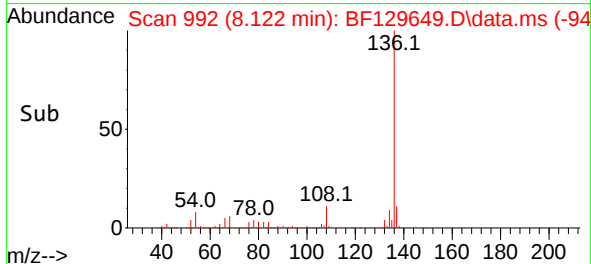
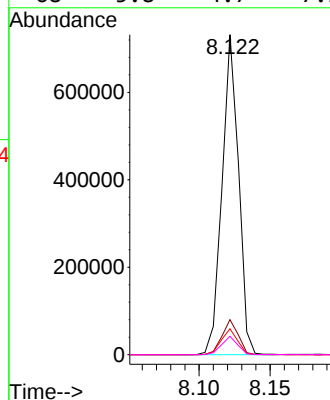
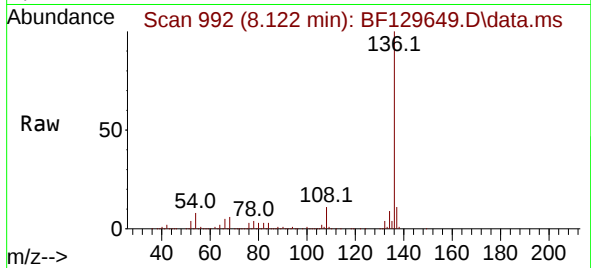


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Instrument :
BNA_F
ClientSampleId :
RVE-200

Tgt Ion:136 Resp: 588673

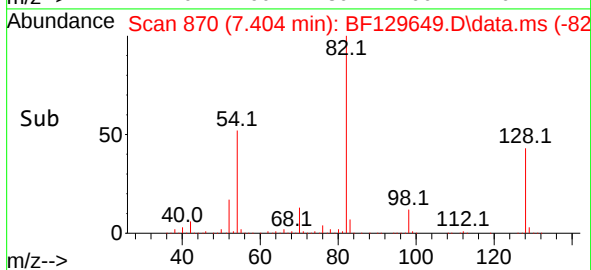
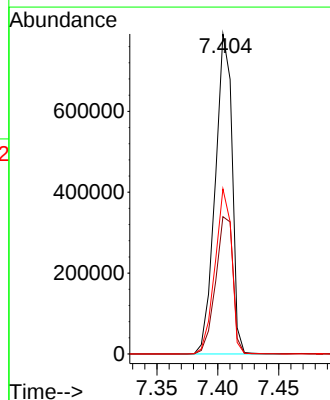
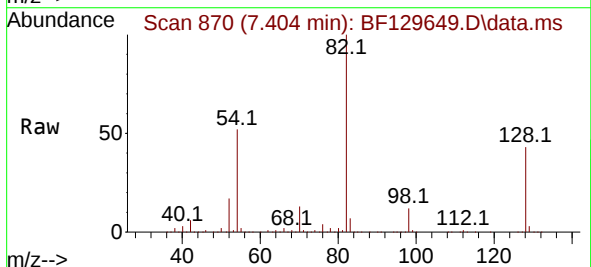
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	7.5	11.3
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.555 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion: 82 Resp: 760855

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	51.6	46.9	70.3

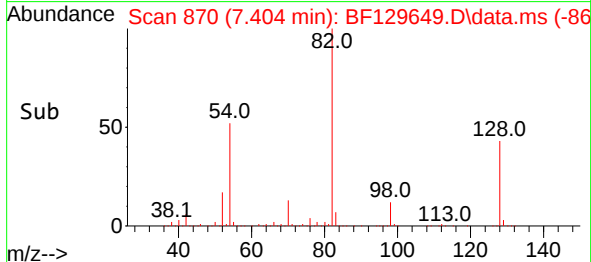
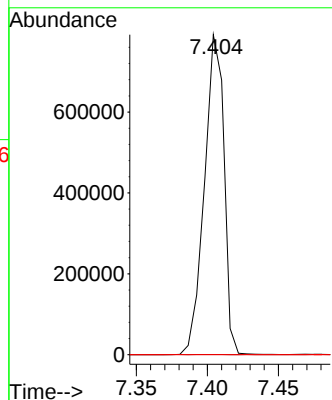
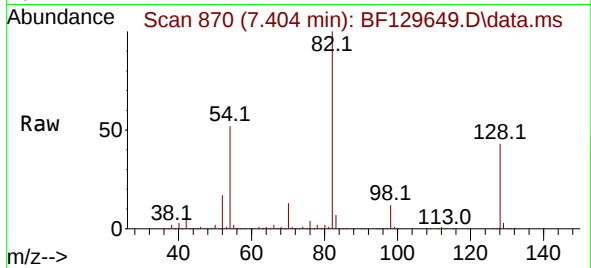




#25
Isophorone
Concen: 39.242 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

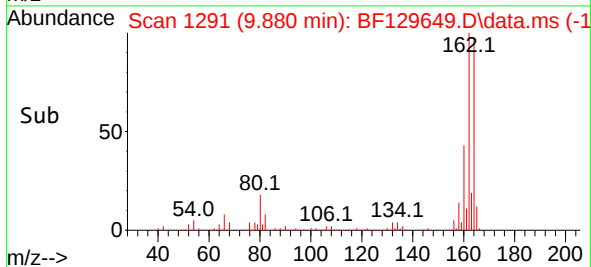
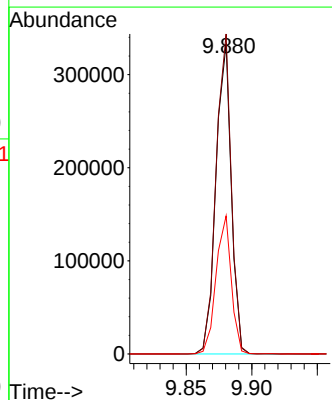
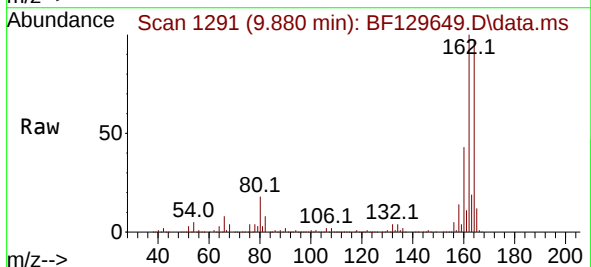
Instrument :
BNA_F
ClientSampleId :
RVE-200

Tgt Ion: 82 Resp: 758546
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: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion: 164 Resp: 270459
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 86.466 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129649.D

Acq: 09 Aug 2022 01:04

Instrument :

BNA_F

ClientSampleId :

RVE-200

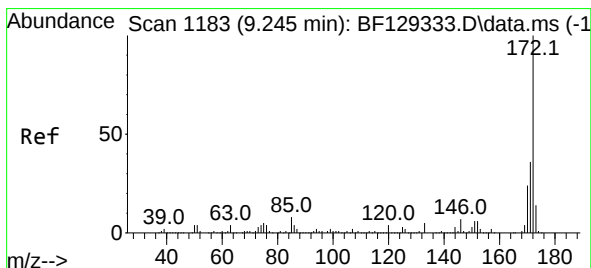
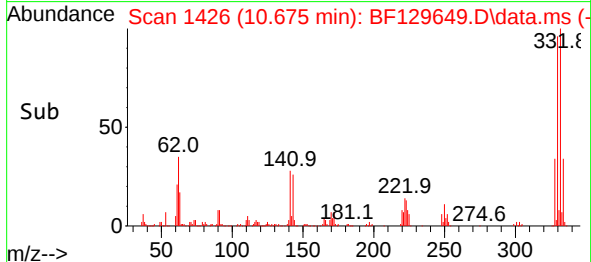
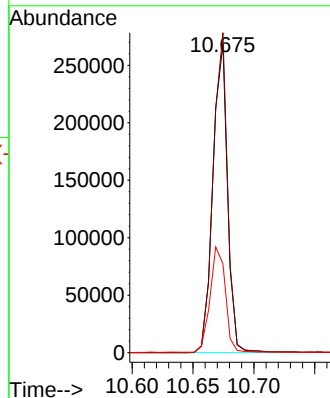
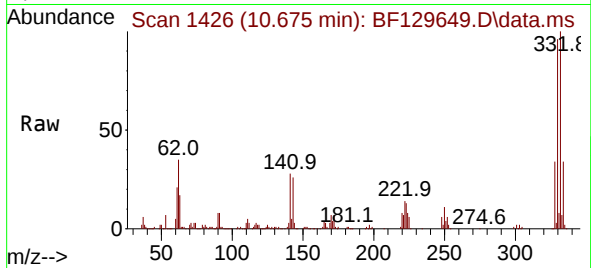
Tgt Ion:330 Resp: 224835

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 35.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 75.826 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129649.D

Acq: 09 Aug 2022 01:04

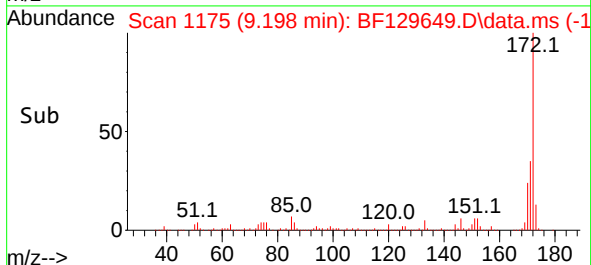
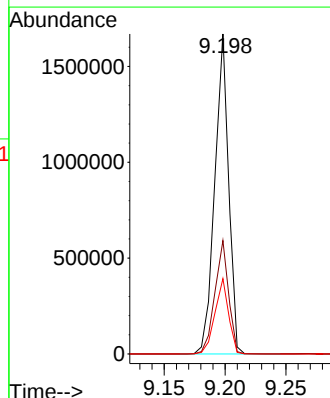
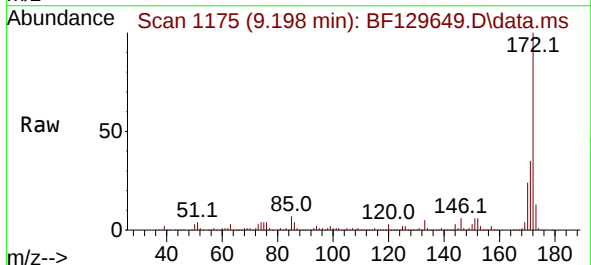
Tgt Ion:172 Resp: 1325687

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.576 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129649.D

Acq: 09 Aug 2022 01:04

Instrument :

BNA_F

ClientSampleId :

RVE-200

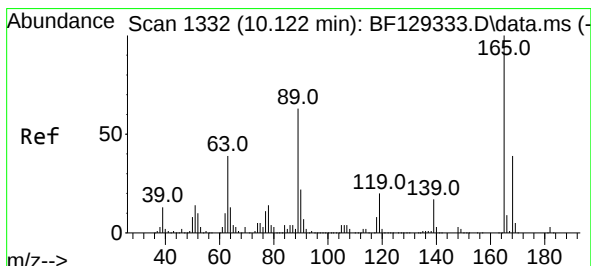
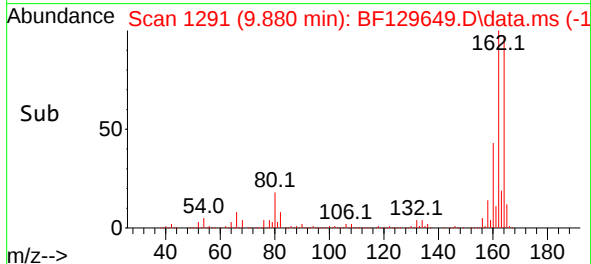
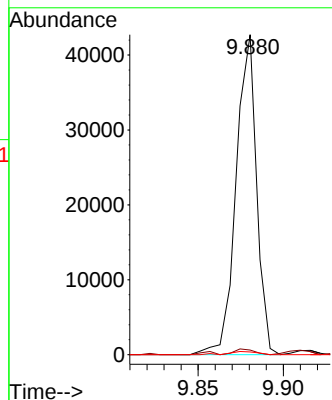
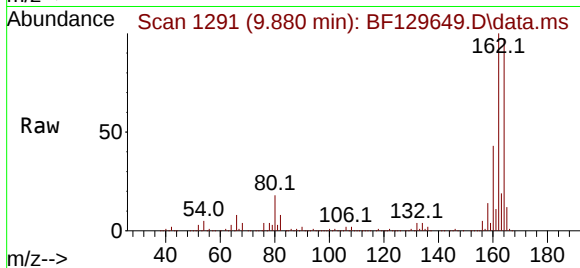
Tgt Ion:165 Resp: 35836

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 0.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.565 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129649.D

Acq: 09 Aug 2022 01:04

Tgt Ion:165 Resp: 35836

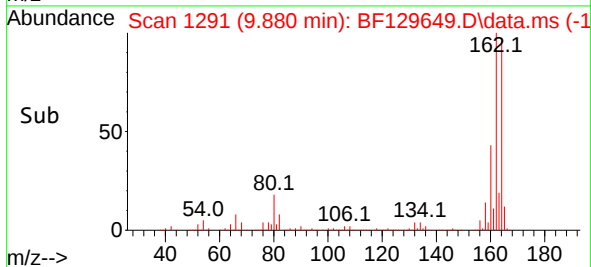
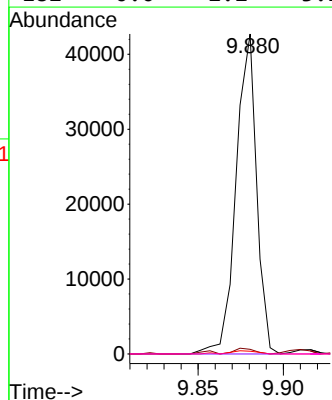
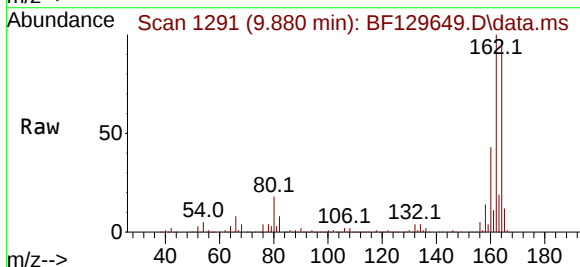
Ion Ratio Lower Upper

165 100

63 1.4 39.8 59.6#

89 0.9 60.2 90.2#

182 0.0 2.2 3.2#

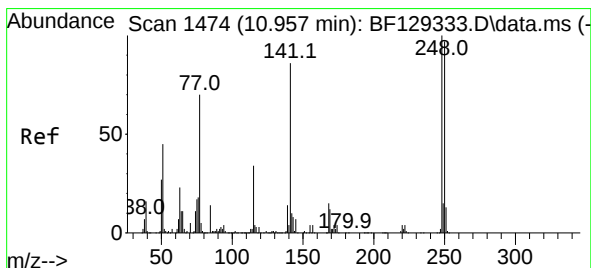
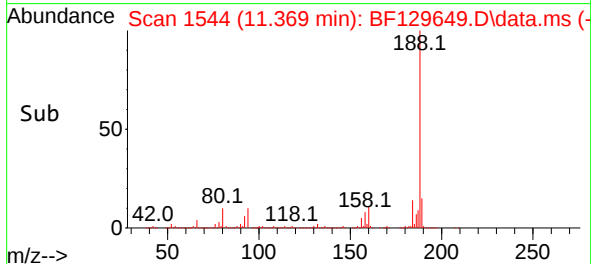
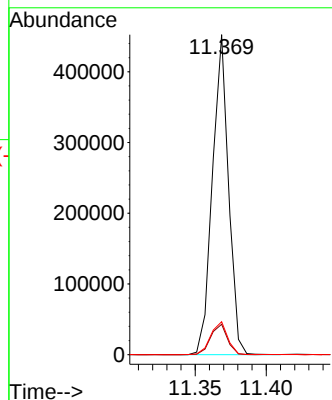
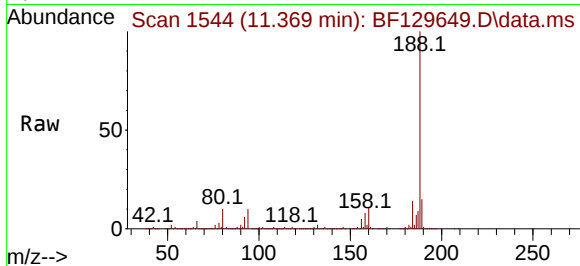




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

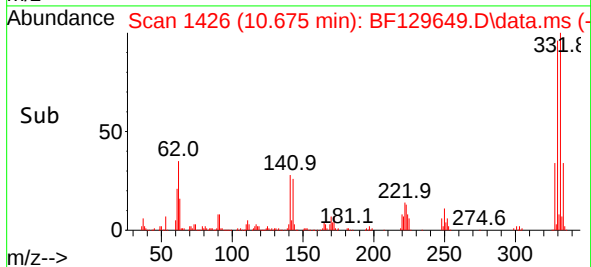
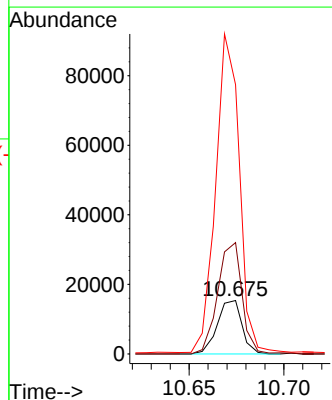
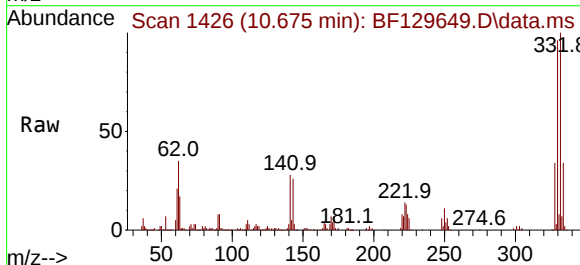
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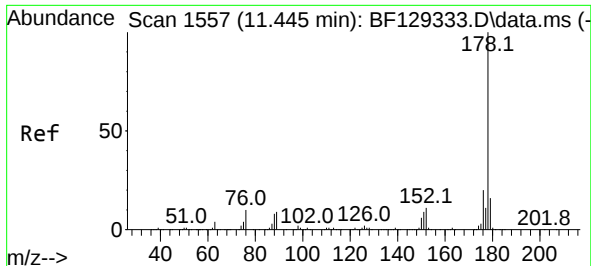
Tgt Ion:188 Resp: 357639
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.555 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion:248 Resp: 13922
Ion Ratio Lower Upper
248 100
250 208.4 80.6 120.8#
141 504.0 58.9 88.3#

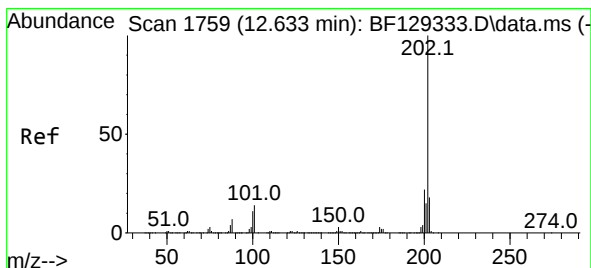
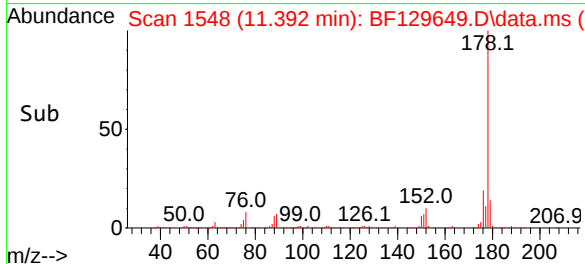
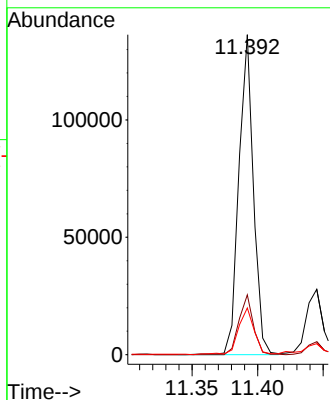
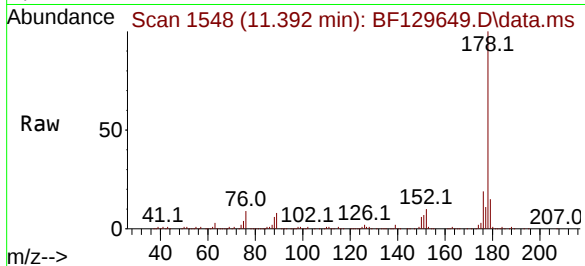




#71
Phenanthrene
Concen: 5.405 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

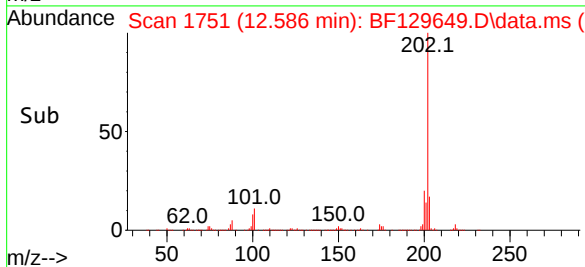
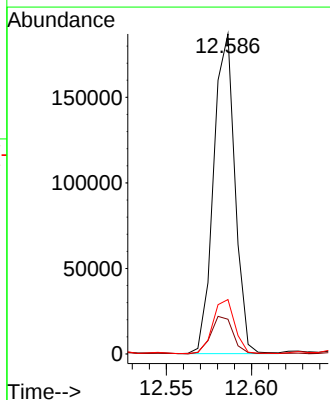
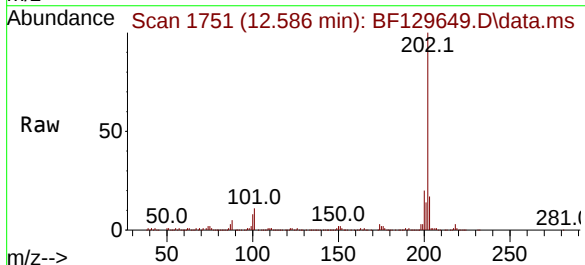
Instrument :
BNA_F
ClientSampleId :
RVE-200

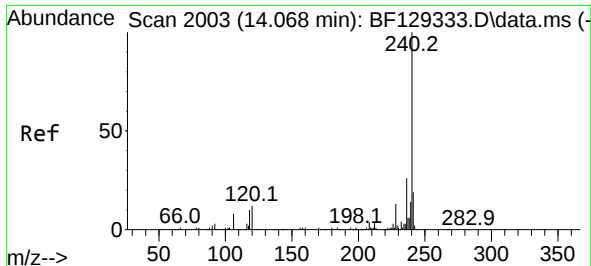
Tgt Ion:178 Resp: 105527
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 14.6 12.6 19.0



#75
Fluoranthene
Concen: 8.245 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion:202 Resp: 163096
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.0 0.0 38.0

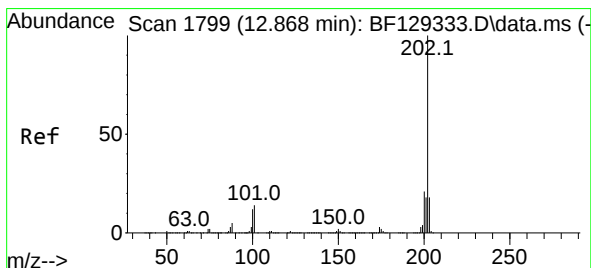
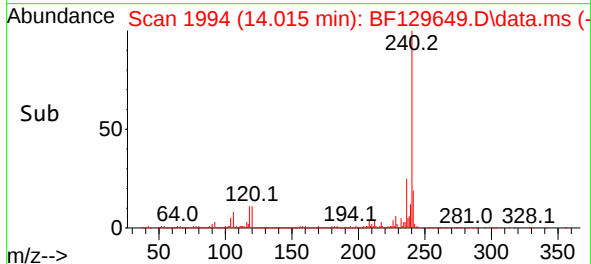
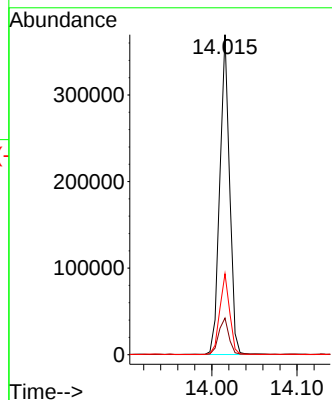
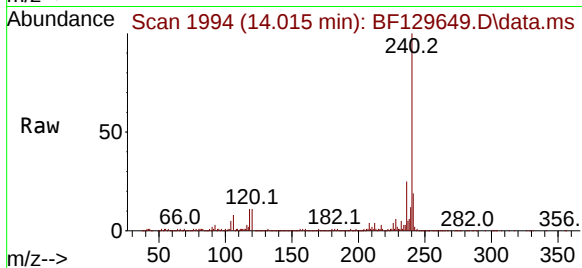




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

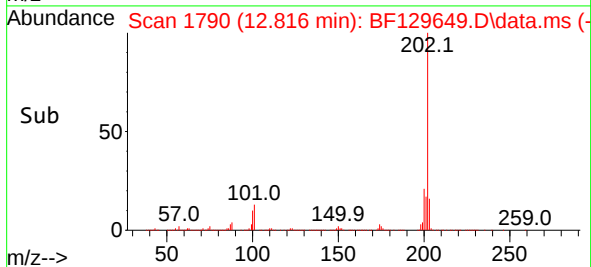
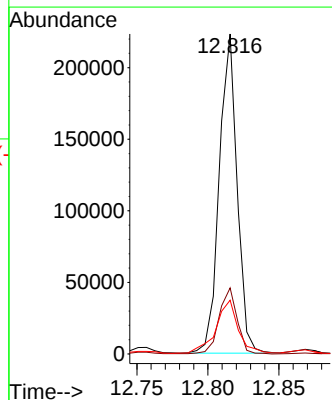
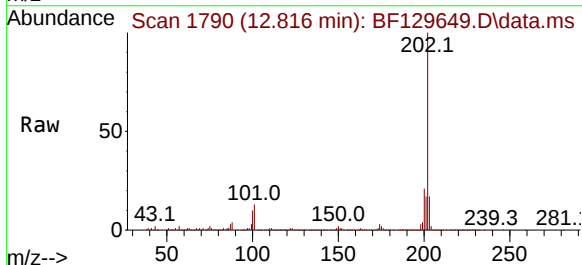
Instrument :
BNA_F
ClientSampleId :
RVE-200

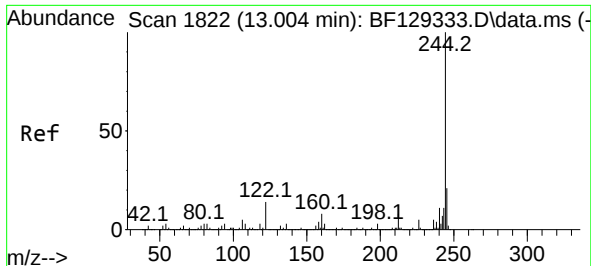
Tgt Ion:240 Resp: 294181
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.3 20.8 31.2



#78
Pyrene
Concen: 7.921 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion:202 Resp: 194857
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 16.8 14.6 21.8

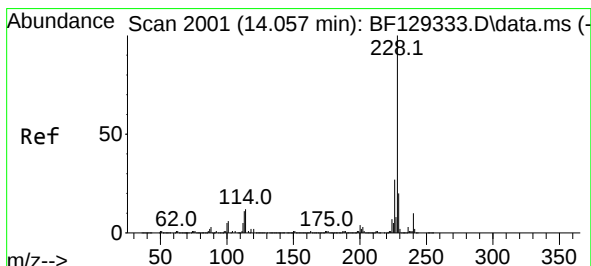
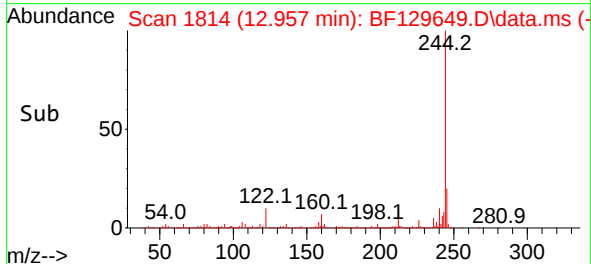
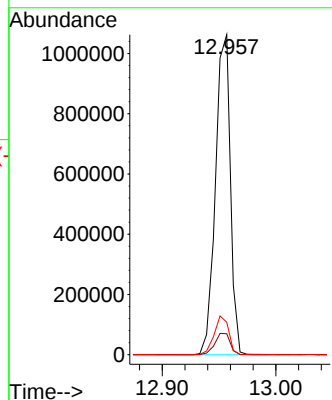
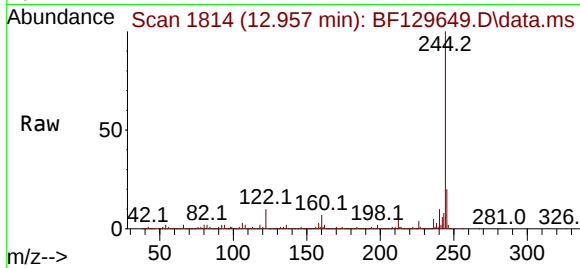




#79
 Terphenyl-d14
 Concen: 62.073 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129649.D
 Acq: 09 Aug 2022 01:04

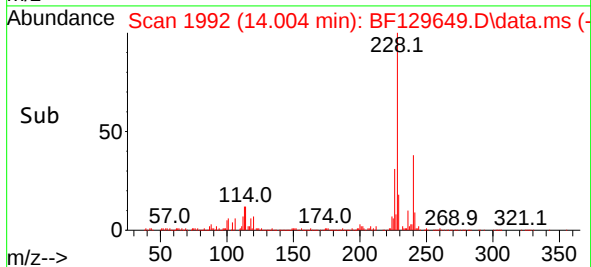
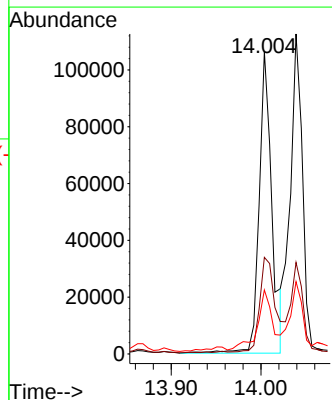
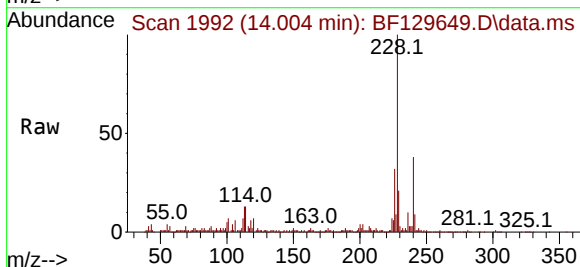
Instrument :
 BNA_F
 ClientSampleId :
 RVE-200

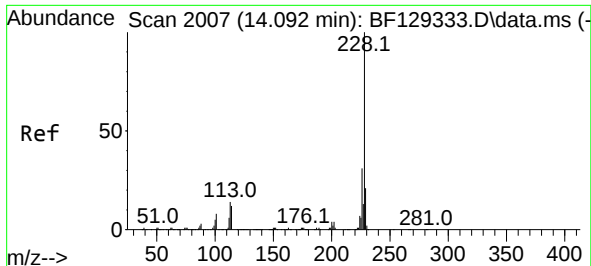
Tgt Ion:244 Resp: 967925
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.1 9.1
 122 10.2 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 5.165 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129649.D
 Acq: 09 Aug 2022 01:04

Tgt Ion:228 Resp: 103795
 Ion Ratio Lower Upper
 228 100
 226 31.9 22.1 33.1
 229 21.1 15.8 23.8

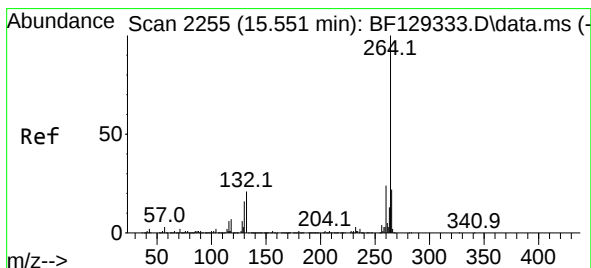
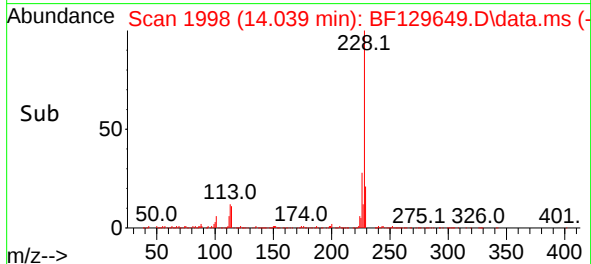
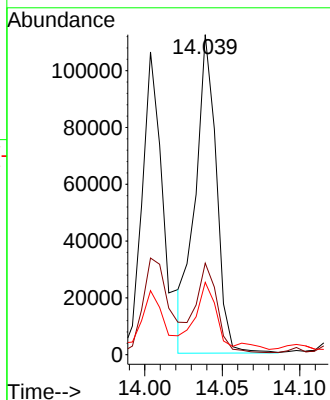
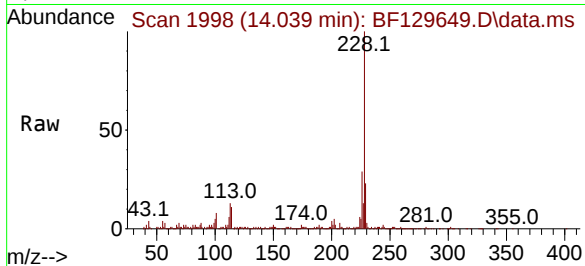




#83
Chrysene
Concen: 5.625 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

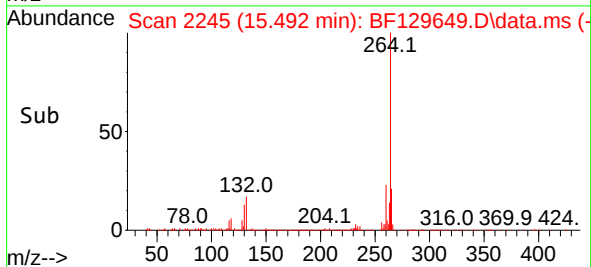
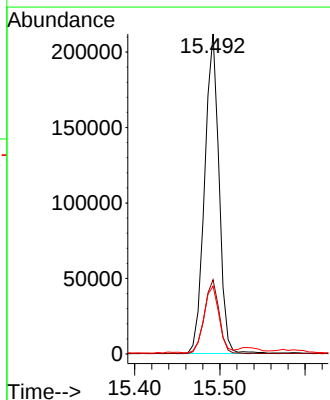
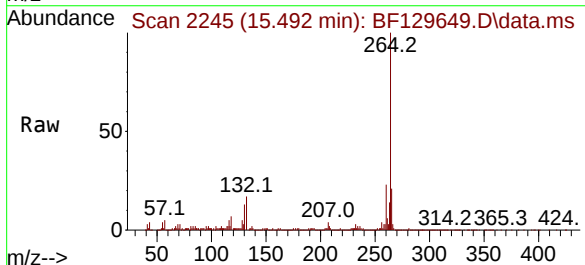
Instrument :
BNA_F
ClientSampleId :
RVE-200

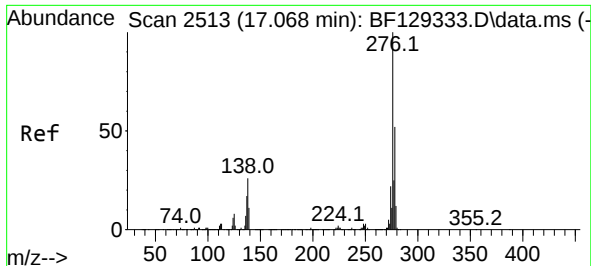
Tgt Ion:228 Resp: 106538
Ion Ratio Lower Upper
228 100
226 28.6 24.3 36.5
229 22.6 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion:264 Resp: 248381
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 21.2 17.2 25.8

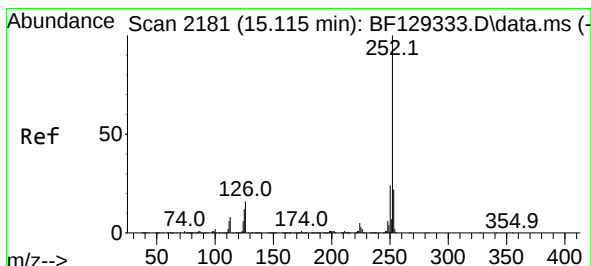
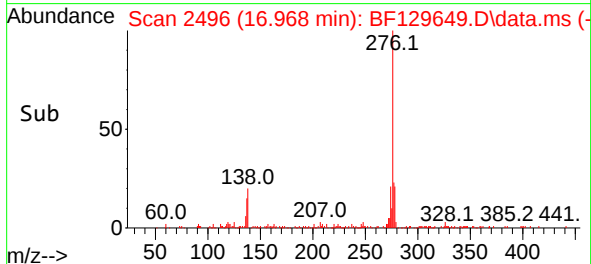
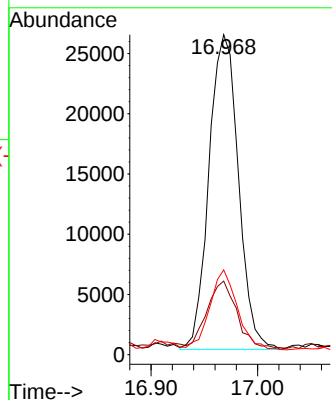
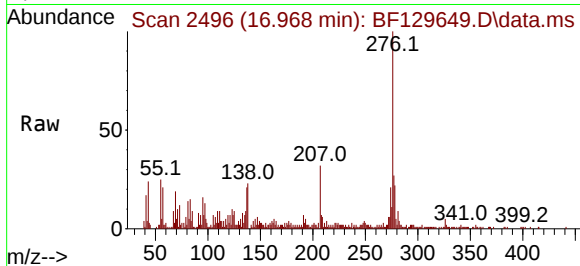




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.997 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.029 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

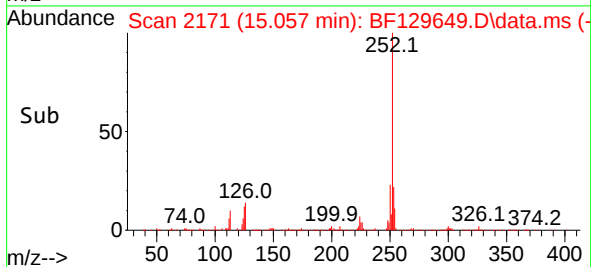
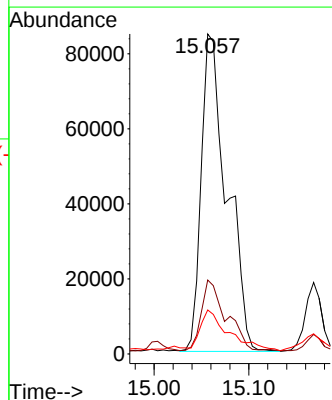
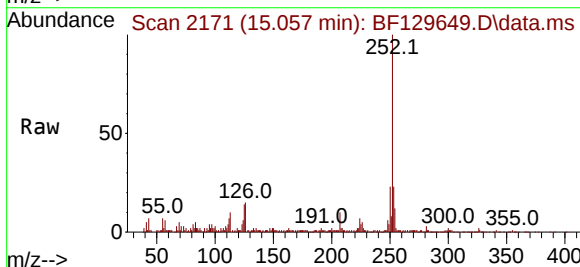
Instrument :
BNA_F
ClientSampleId :
RVE-200

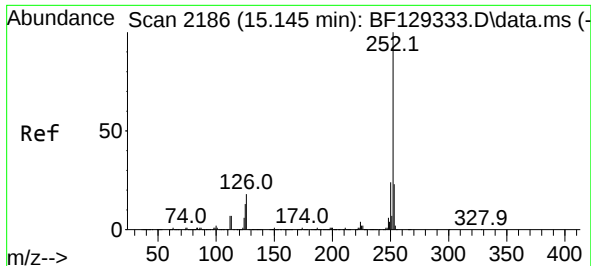
Tgt Ion:276 Resp: 50136
Ion Ratio Lower Upper
276 100
138 21.6 21.1 31.7
277 23.9 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 9.709 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129649.D
Acq: 09 Aug 2022 01:04

Tgt Ion:252 Resp: 159972
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.8 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 9.908 ng

RT: 15.057 min Scan# 2186

Delta R.T. -0.047 min

Lab File: BF129649.D

Acq: 09 Aug 2022 01:04

Instrument :

BNA_F

ClientSampleId :

RVE-200

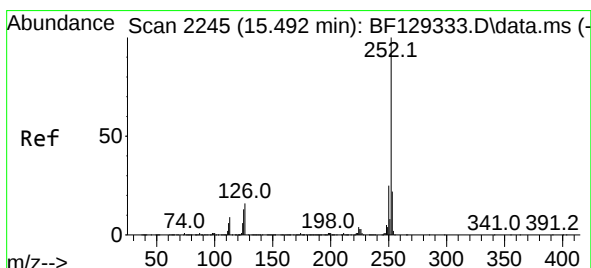
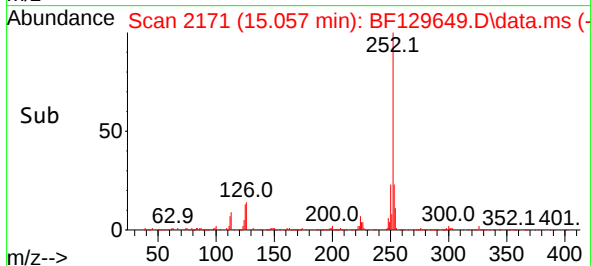
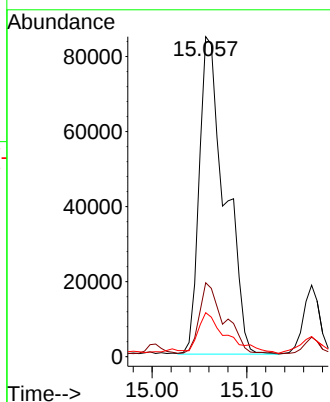
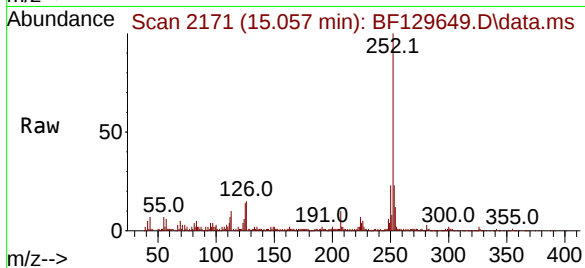
Tgt Ion:252 Resp: 159972

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 13.8 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 6.453 ng

RT: 15.427 min Scan# 2234

Delta R.T. -0.012 min

Lab File: BF129649.D

Acq: 09 Aug 2022 01:04

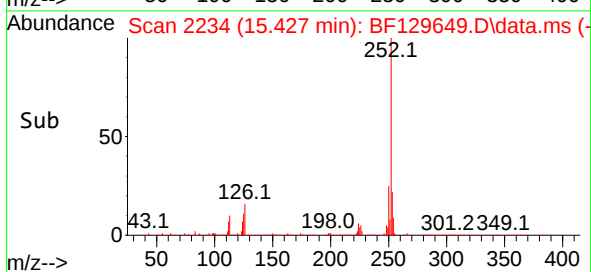
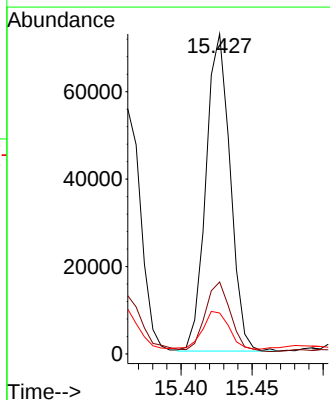
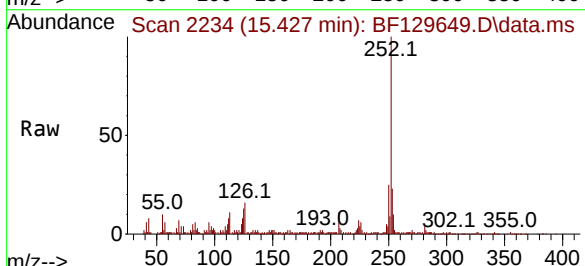
Tgt Ion:252 Resp: 86304

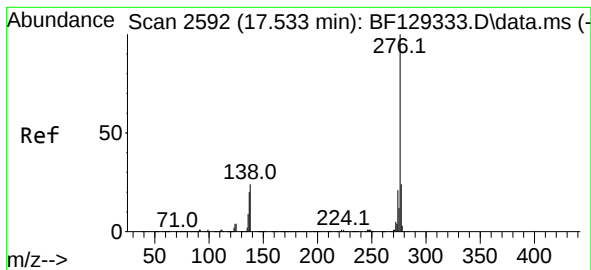
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 12.8 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 3.918 ng

RT: 17.415 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF129649.D

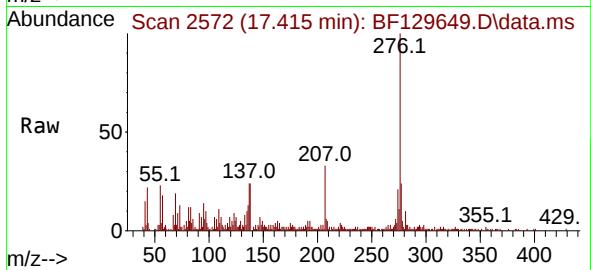
Acq: 09 Aug 2022 01:04

Instrument :

BNA_F

ClientSampleId :

RVE-200



Tgt Ion:276 Resp: 54504

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 24.1 18.0 27.0

