

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129679.D
 Acq On : 09 Aug 2022 22:17
 Operator : CG\JU
 Sample : N3962-15RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-200

Quant Time: Aug 10 05:35:42 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)

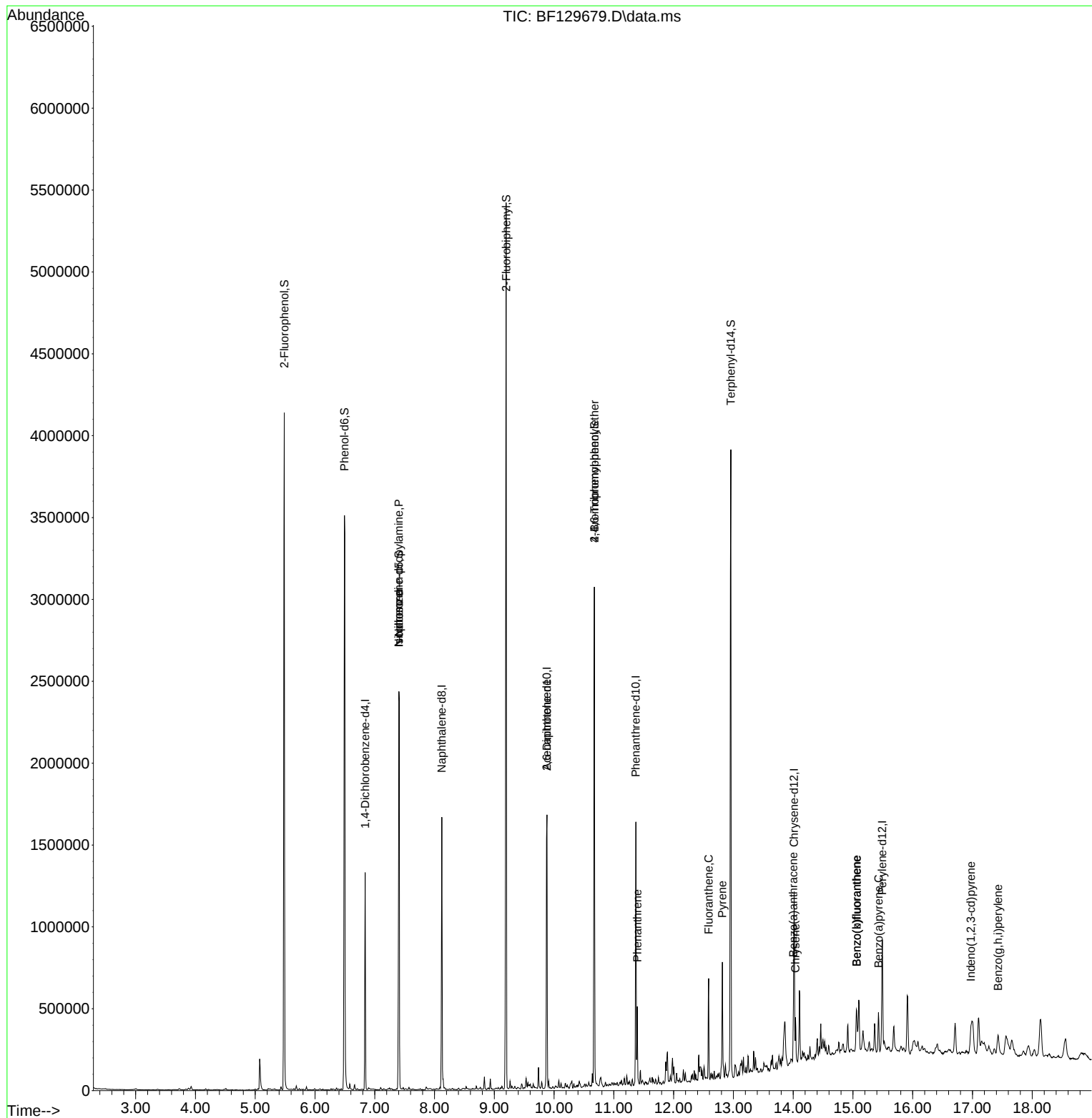
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	178575	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	689358	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	346830	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	517368	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	299283	20.000	ng	-0.01
86) Perylene-d12	15.492	264	292496	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1108745	101.142	ng	0.00
7) Phenol-d6	6.493	99	1394778	101.226	ng	-0.01
23) Nitrobenzene-d5	7.404	82	890846	70.544	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	336789	101.001	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1587073	70.787	ng	-0.01
79) Terphenyl-d14	12.957	244	1245882	78.536	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	120496	14.445	ng	# 73
25) Isophorone	7.404	82	885631	39.125	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	46493	8.676	ng	# 25
67) 4-Bromophenyl-phenylether	10.675	248	21894	3.865	ng	# 1
71) Phenanthrene	11.392	178	154651	5.476	ng	98
75) Fluoranthene	12.586	202	217228	7.591	ng	99
78) Pyrene	12.816	202	250665	10.016	ng	96
81) Benzo(a)anthracene	14.004	228	102460	5.012	ng	93
83) Chrysene	14.039	228	107641	5.587	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	70401	3.574	ng	97
88) Benzo(b)fluoranthene	15.063	252	179188	9.235	ng	98
89) Benzo(k)fluoranthene	15.063	252	179188	9.424	ng	98
90) Benzo(a)pyrene	15.427	252	104838	6.656	ng	97
92) Benzo(g,h,i)perylene	17.427	276	77323	4.720	ng	99

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

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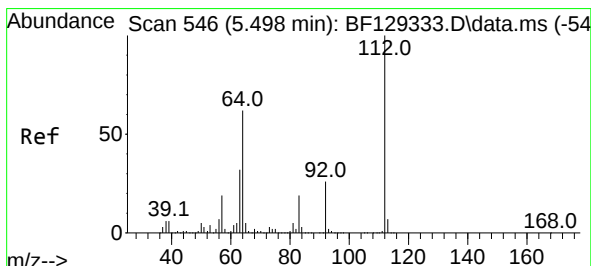
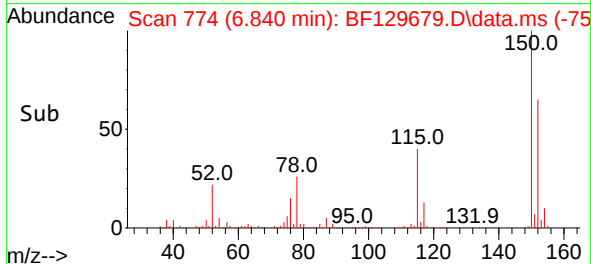
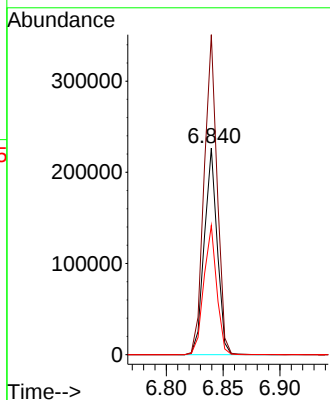
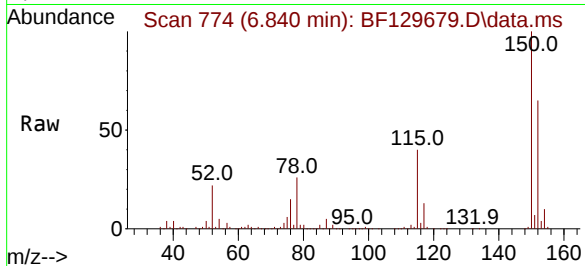




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129679.D
 Acq: 09 Aug 2022 22:17

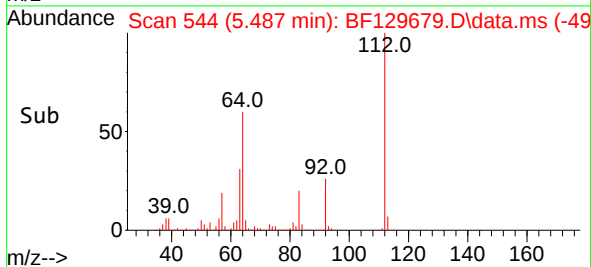
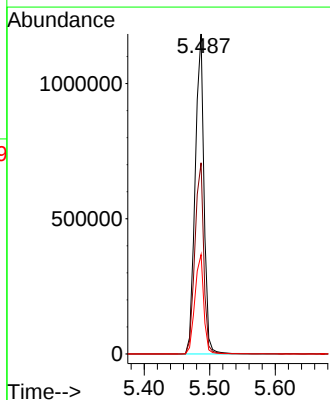
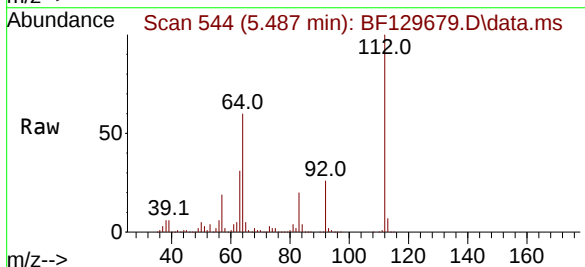
Instrument :
 BNA_F
 ClientSampleId :
 RVE-200

Tgt Ion:152 Resp: 178575
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.7 185.5
 115 62.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 101.142 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129679.D
 Acq: 09 Aug 2022 22:17

Tgt Ion:112 Resp: 1108745
 Ion Ratio Lower Upper
 112 100
 64 59.8 53.3 79.9
 63 31.1 28.0 42.0





#7
Phenol-d6
Concen: 101.226 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

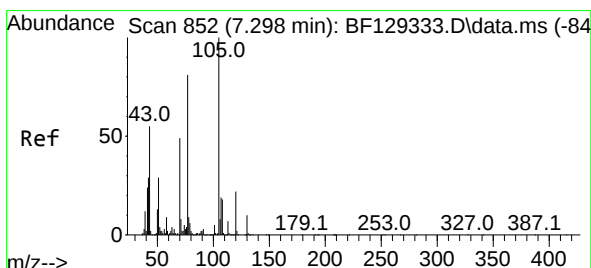
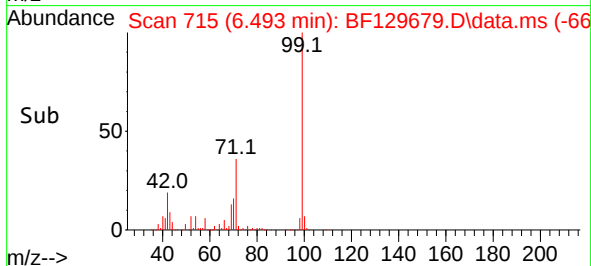
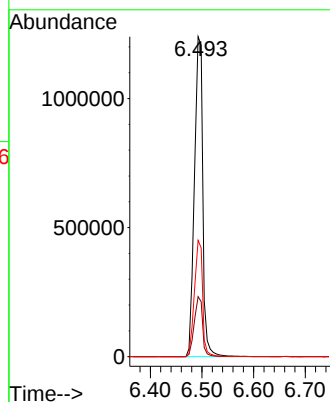
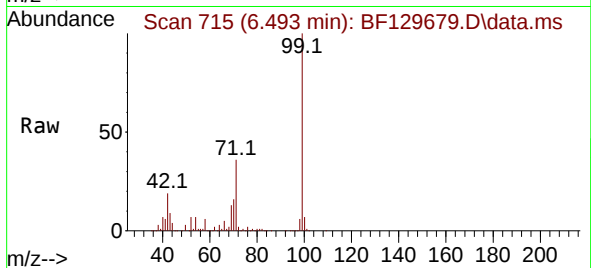
Instrument :

BNA_F

ClientSampleId :

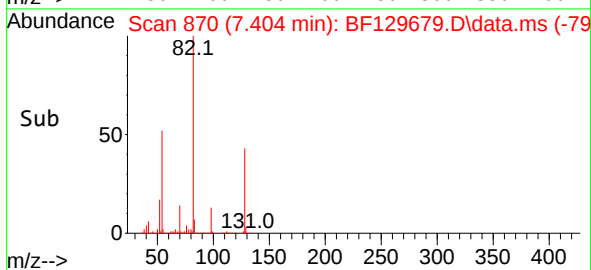
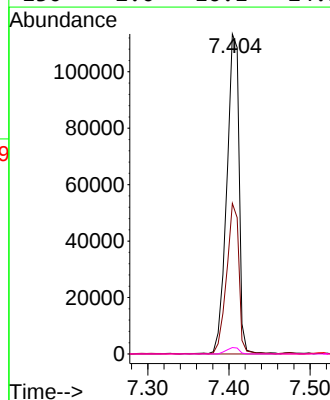
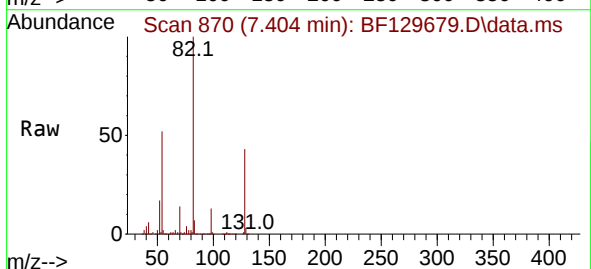
RVE-200

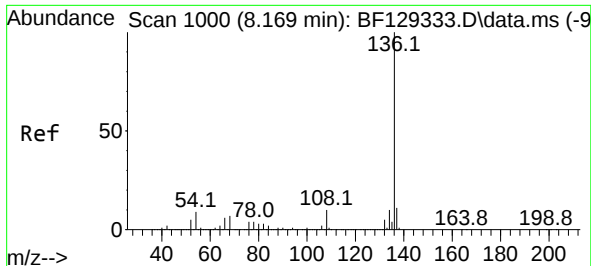
Tgt Ion: 99 Resp: 1394778
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 36.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.445 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

Tgt Ion: 70 Resp: 120496
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



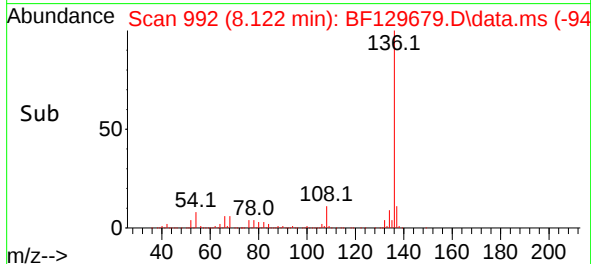
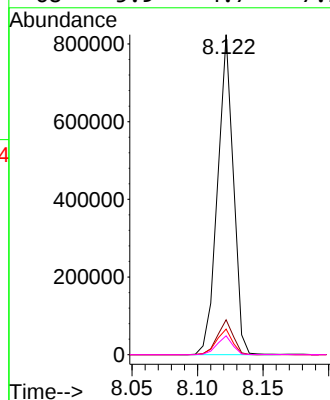
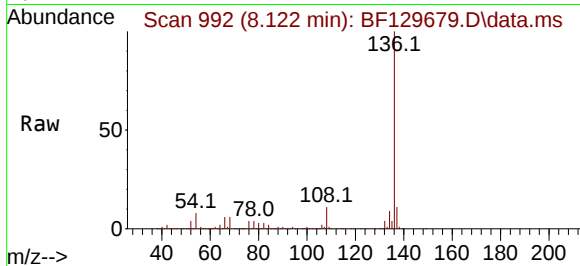


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

Instrument :
BNA_F
ClientSampleId :
RVE-200

Tgt Ion:136 Resp: 689358

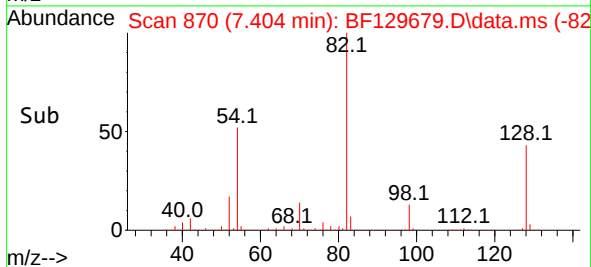
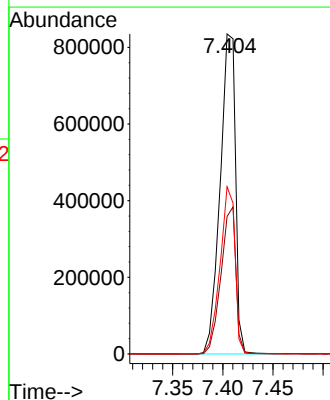
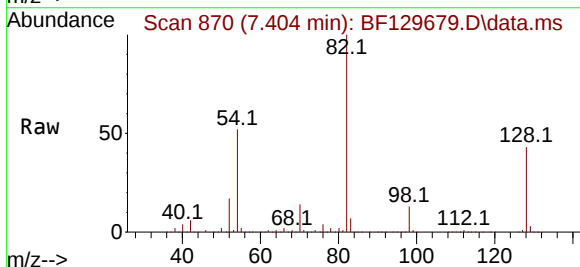
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.544 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

Tgt Ion: 82 Resp: 890846

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	52.3	46.9	70.3





#25

Isophorone

Concen: 39.125 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.276 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RVE-200

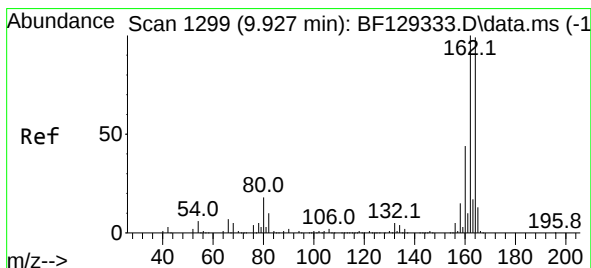
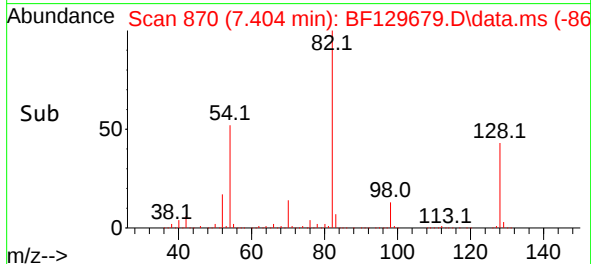
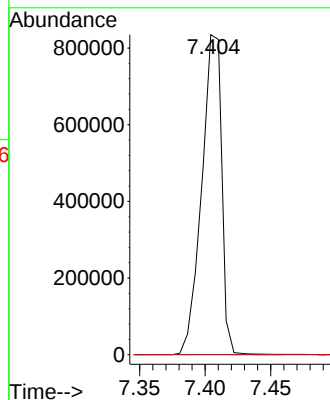
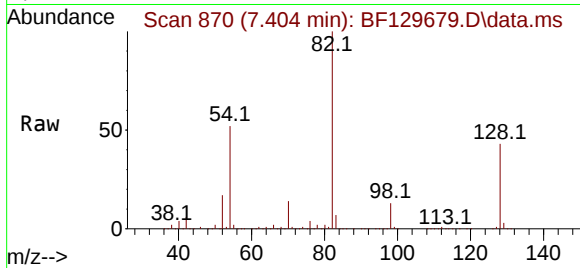
Tgt Ion: 82 Resp: 885631

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: 9.881 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

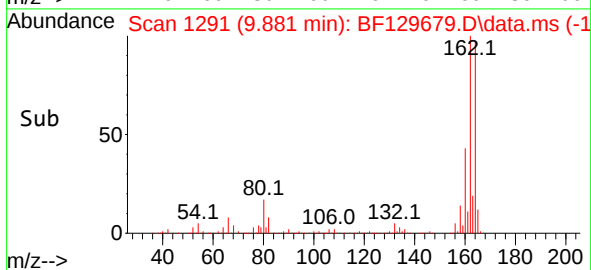
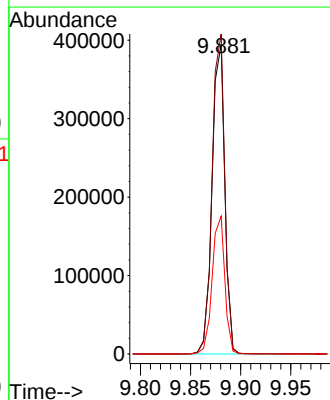
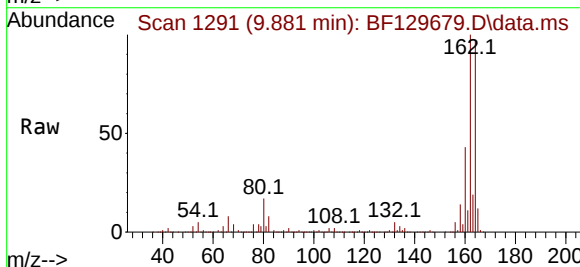
Tgt Ion:164 Resp: 346830

Ion Ratio Lower Upper

164 100

162 103.3 79.5 119.3

160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 101.001 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RVE-200

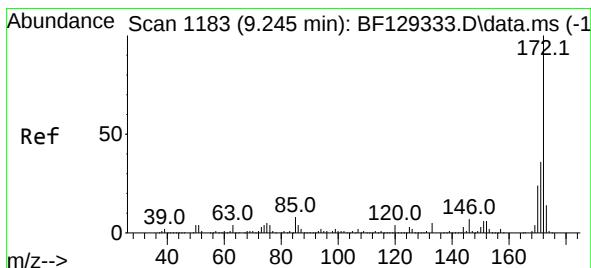
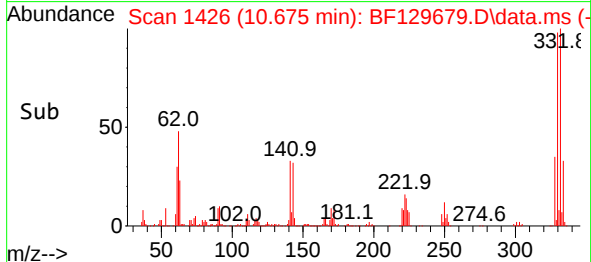
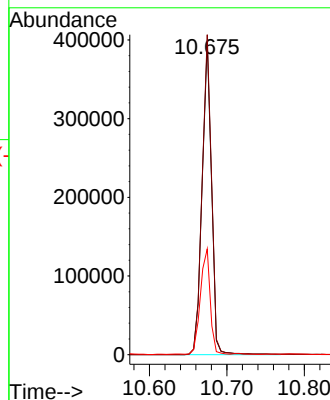
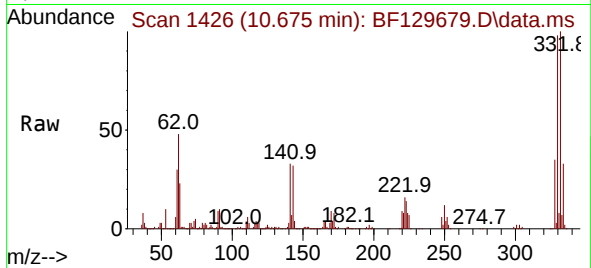
Tgt Ion:330 Resp: 336789

Ion Ratio Lower Upper

330 100

332 101.9 76.8 115.2

141 34.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.787 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

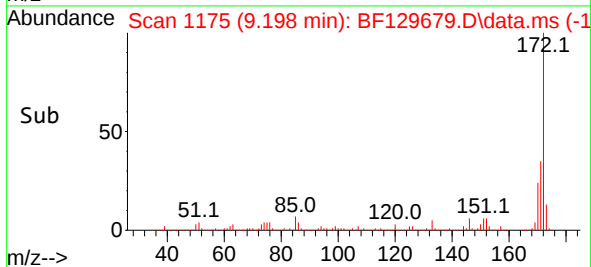
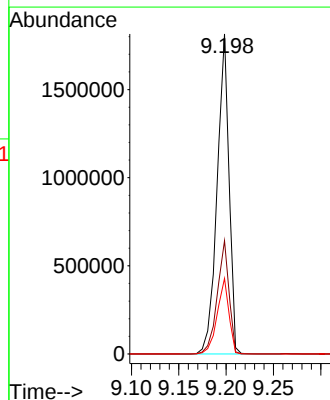
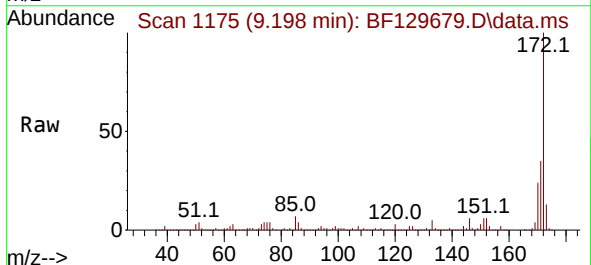
Tgt Ion:172 Resp: 1587073

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: 8.676 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RVE-200

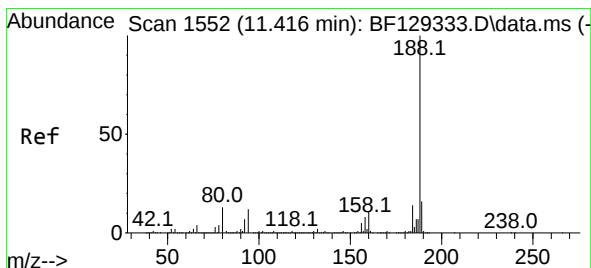
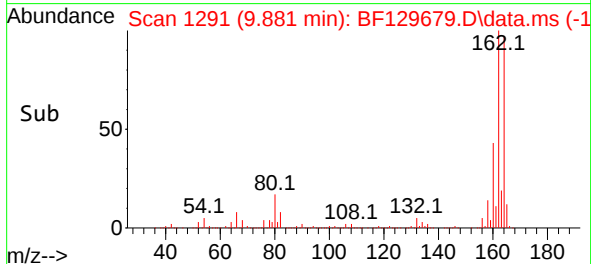
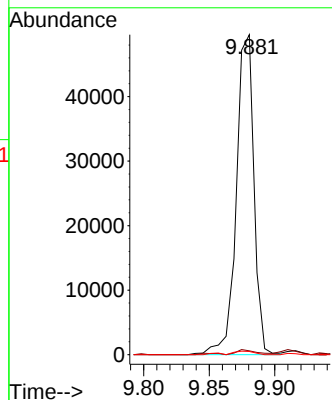
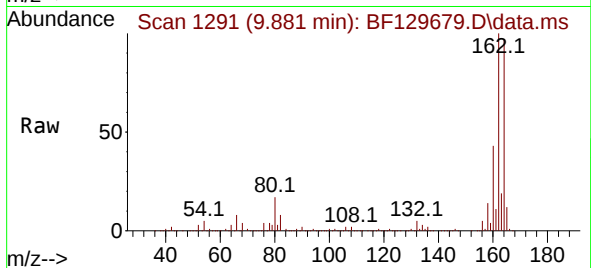
Tgt Ion:165 Resp: 46493

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.0 43.6 65.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1544

Delta R.T. -0.012 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

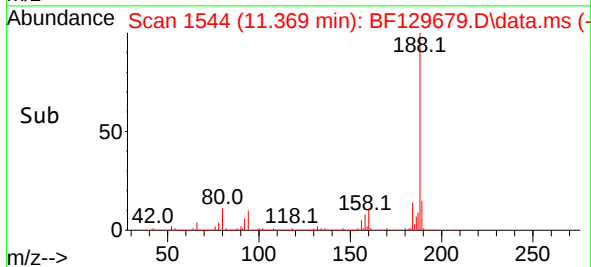
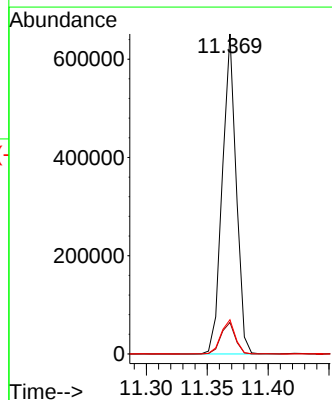
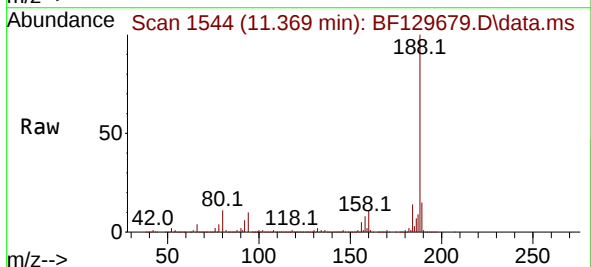
Tgt Ion:188 Resp: 517368

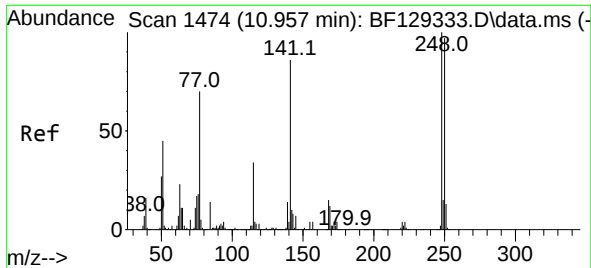
Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.7 7.6 11.4

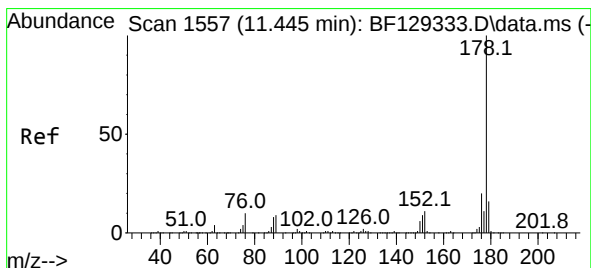
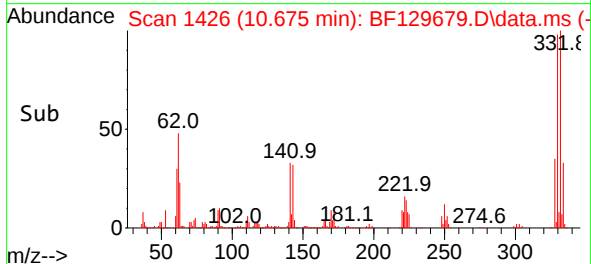
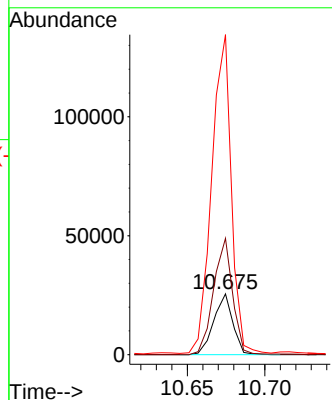
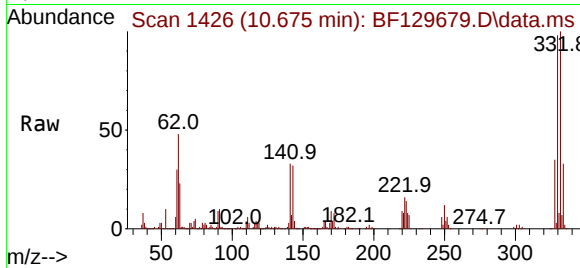




#67
4-Bromophenyl-phenylether
Concen: 3.865 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

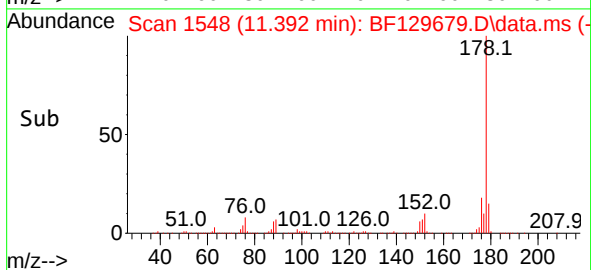
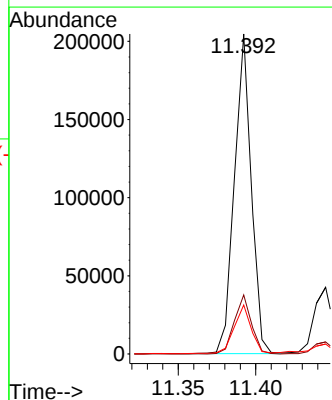
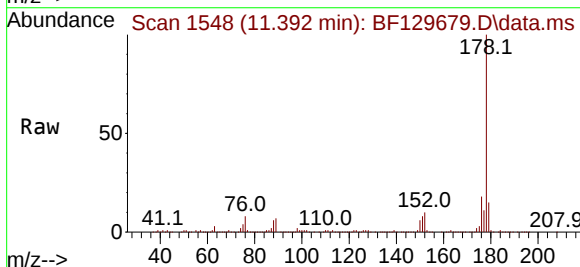
Instrument :
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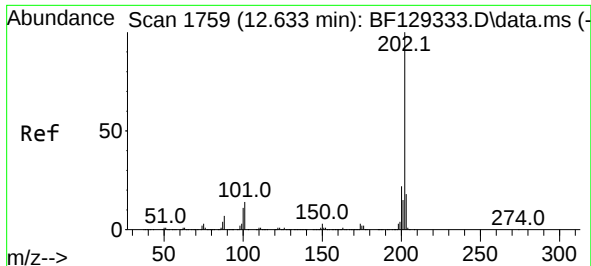
Tgt Ion:248 Resp: 21894
Ion Ratio Lower Upper
248 100
250 191.6 80.6 120.8#
141 526.8 58.9 88.3#



#71
Phenanthrene
Concen: 5.476 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

Tgt Ion:178 Resp: 154651
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.3 12.6 19.0

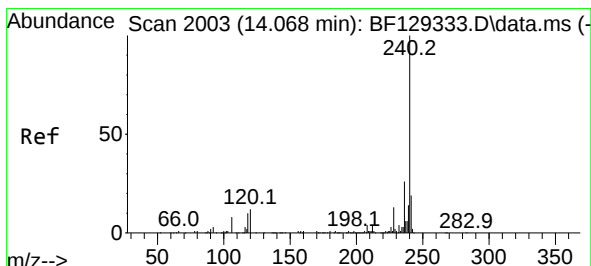
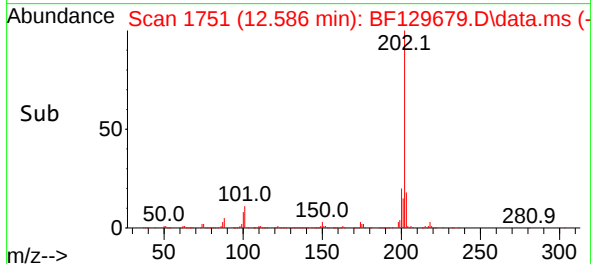
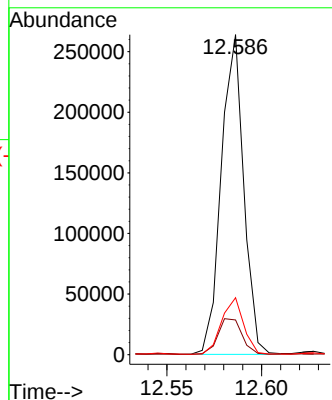
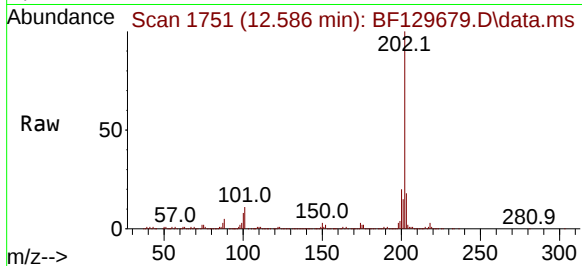




#75
Fluoranthene
Concen: 7.591 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

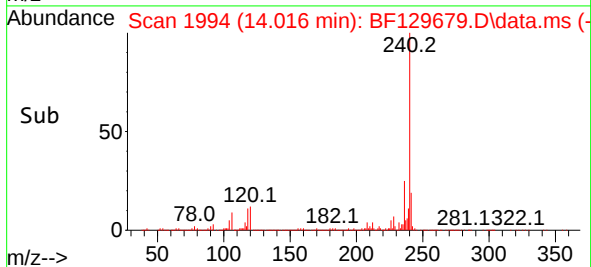
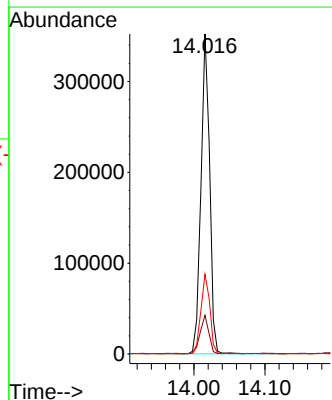
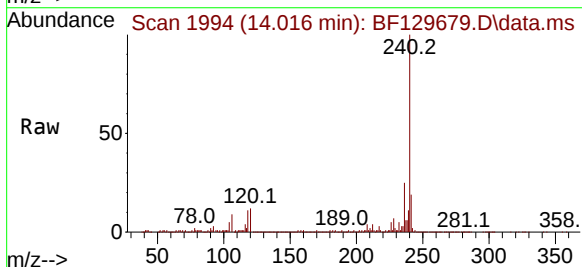
Instrument :
BNA_F
ClientSampleId :
RVE-200

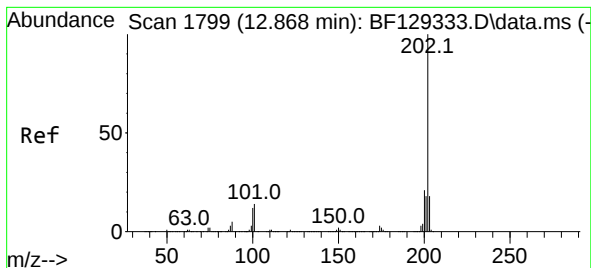
Tgt Ion:202 Resp: 217228
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

Tgt Ion:240 Resp: 299283
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 24.9 20.8 31.2





#78

Pyrene

Concen: 10.016 ng

RT: 12.816 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RVE-200

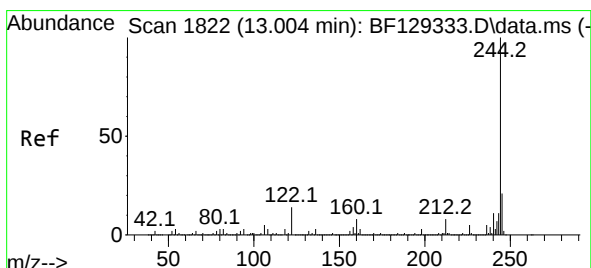
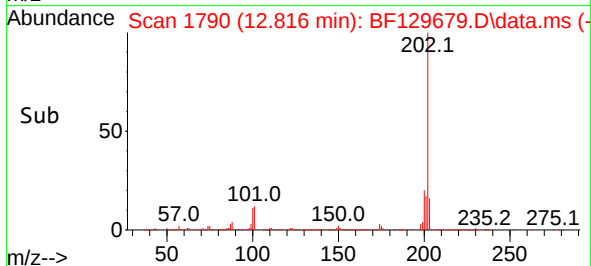
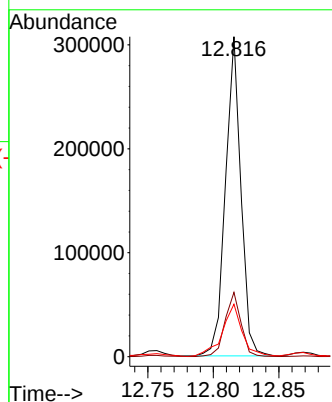
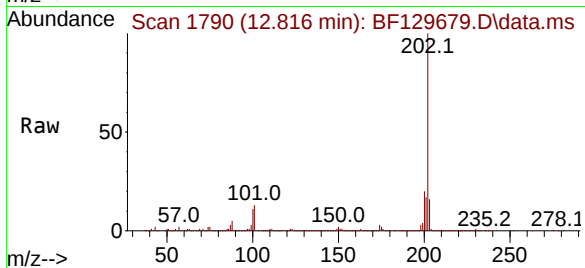
Tgt Ion:202 Resp: 250665

Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

203 16.4 14.6 21.8



#79

Terphenyl-d14

Concen: 78.536 ng

RT: 12.957 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

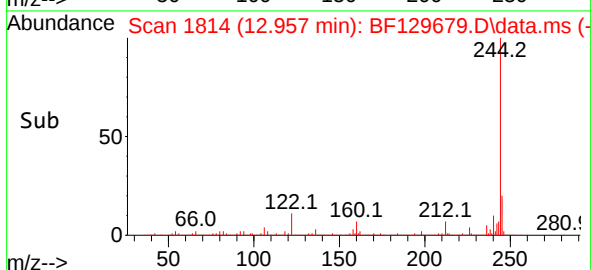
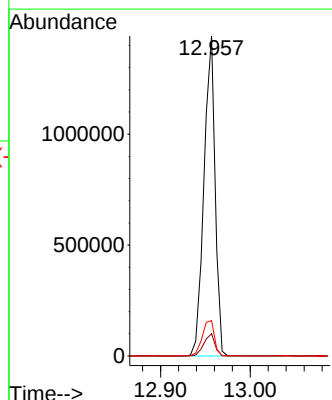
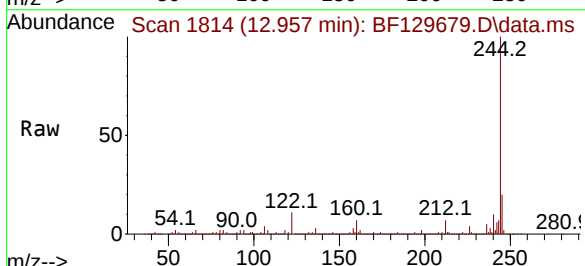
Tgt Ion:244 Resp: 1245882

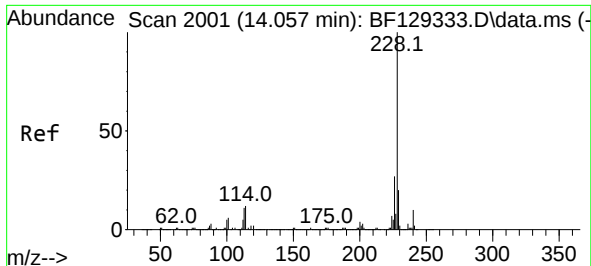
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 11.0 8.8 13.2

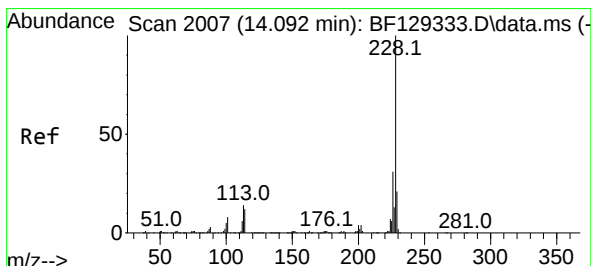
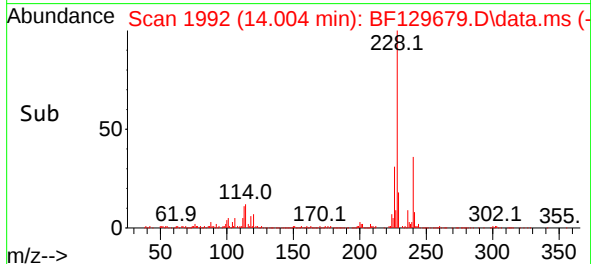
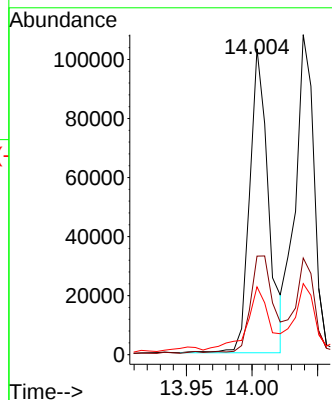
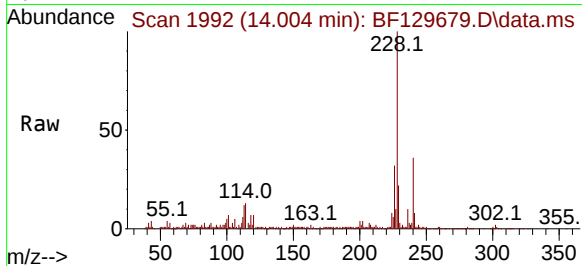




#81
Benzo(a)anthracene
Concen: 5.012 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

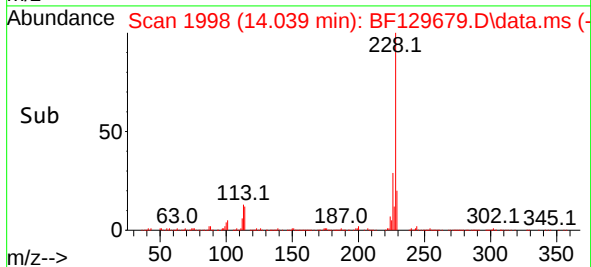
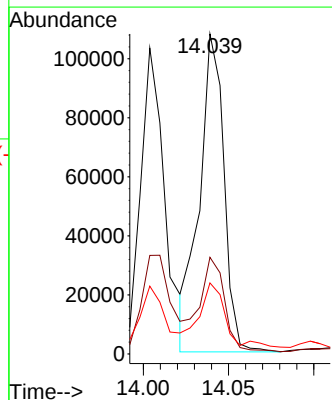
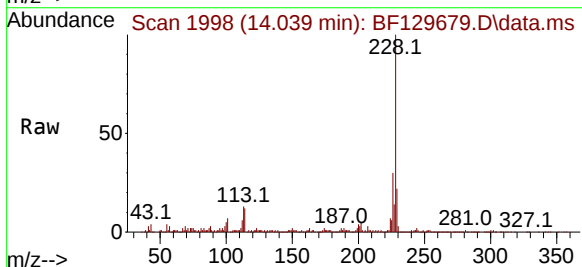
Instrument :
BNA_F
ClientSampleId :
RVE-200

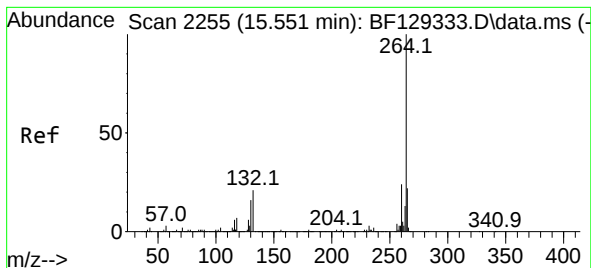
Tgt Ion:228 Resp: 102460
Ion Ratio Lower Upper
228 100
226 32.2 22.1 33.1
229 22.2 15.8 23.8



#83
Chrysene
Concen: 5.587 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

Tgt Ion:228 Resp: 107641
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.2 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2496

Delta R.T. -0.012 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

Instrument :

BNA_F

ClientSampleId :

RVE-200

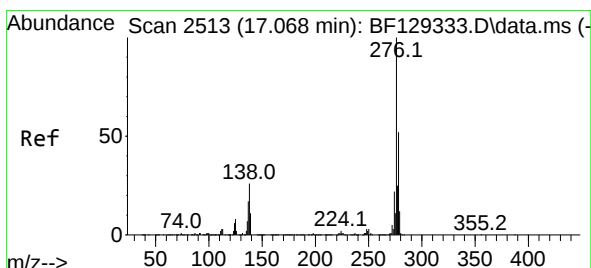
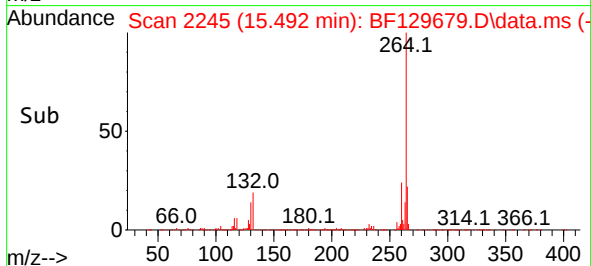
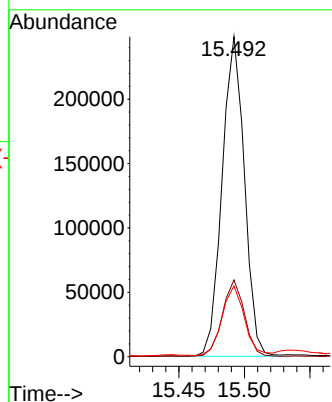
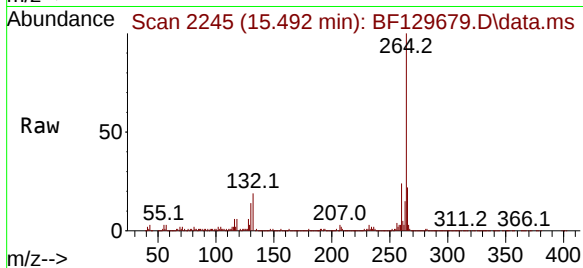
Tgt Ion:264 Resp: 292496

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.1 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.574 ng

RT: 16.974 min Scan# 2497

Delta R.T. -0.024 min

Lab File: BF129679.D

Acq: 09 Aug 2022 22:17

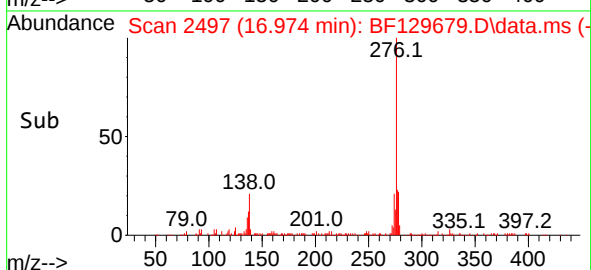
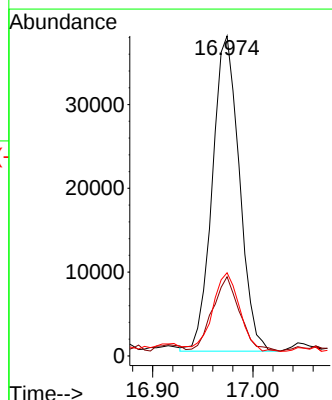
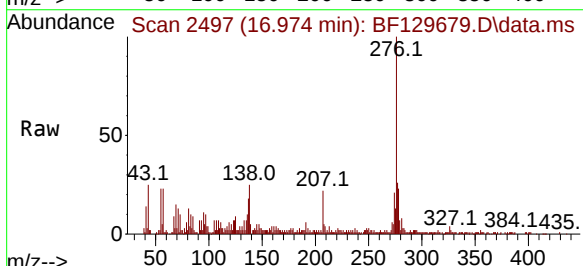
Tgt Ion:276 Resp: 70401

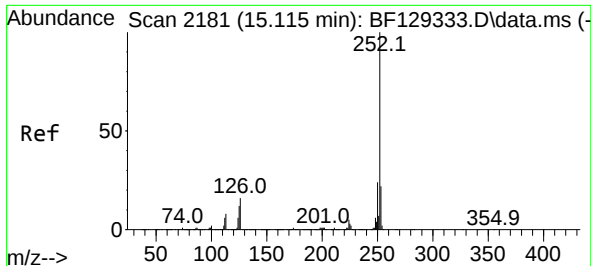
Ion Ratio Lower Upper

276 100

138 23.7 21.1 31.7

277 24.7 20.3 30.5

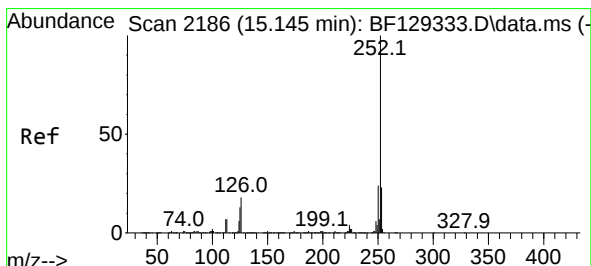
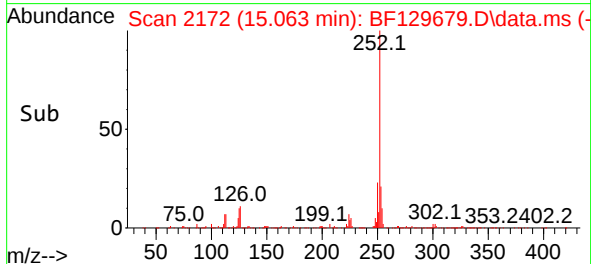
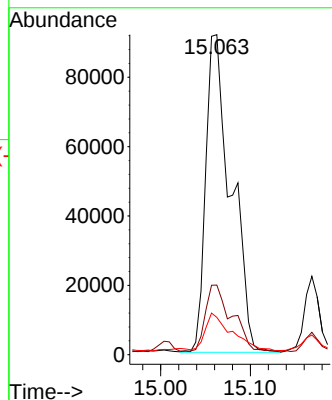
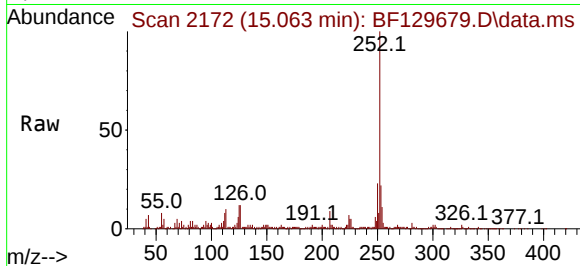




#88
Benzo(b)fluoranthene
Concen: 9.235 ng
RT: 15.063 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

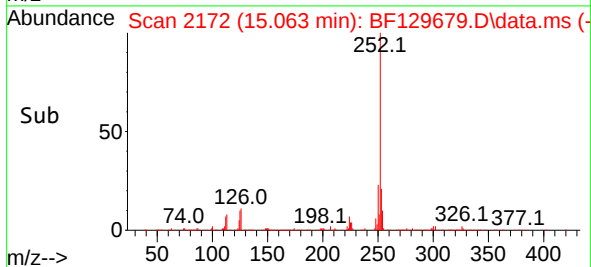
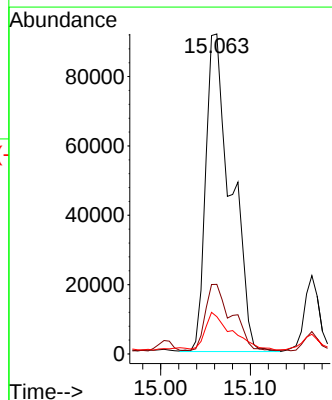
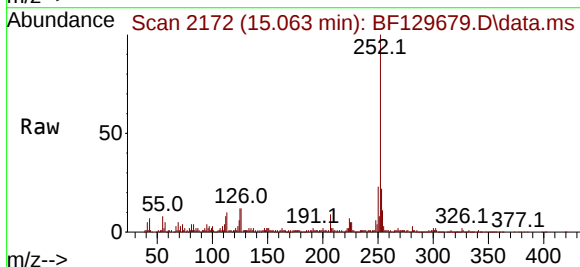
Instrument :
BNA_F
ClientSampleId :
RVE-200

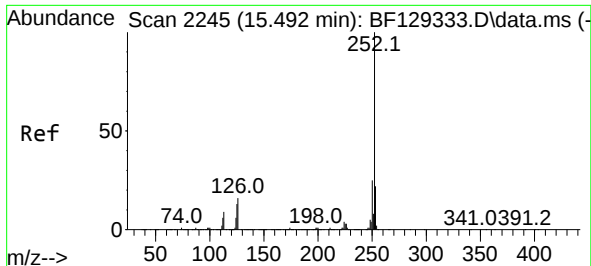
Tgt Ion:252 Resp: 179188
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.7 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 9.424 ng
RT: 15.063 min Scan# 2172
Delta R.T. -0.041 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

Tgt Ion:252 Resp: 179188
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.7 8.3 12.5

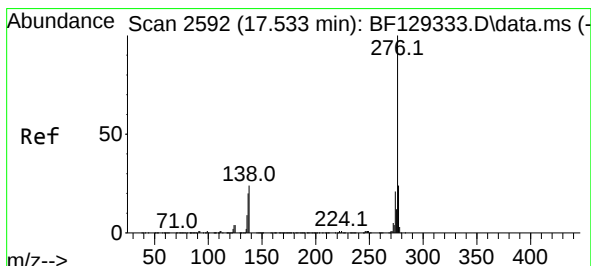
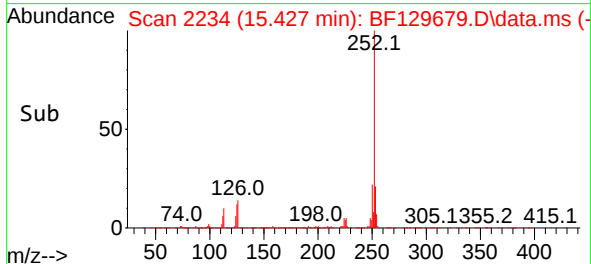
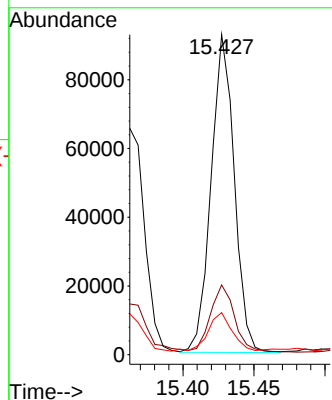
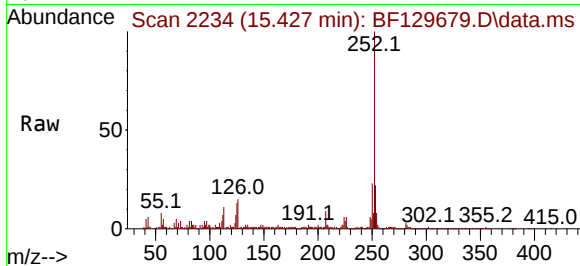




#90
Benzo(a)pyrene
Concen: 6.656 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

Instrument :
BNA_F
ClientSampleId :
RVE-200

Tgt Ion:252 Resp: 104838
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 13.1 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 4.720 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.024 min
Lab File: BF129679.D
Acq: 09 Aug 2022 22:17

Tgt Ion:276 Resp: 77323
Ion Ratio Lower Upper
276 100
277 25.1 19.1 28.7
138 22.6 18.0 27.0

