

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129678.D
 Acq On : 09 Aug 2022 21:44
 Operator : CG\JU
 Sample : N3963-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-221

Quant Time: Aug 10 05:35:15 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)

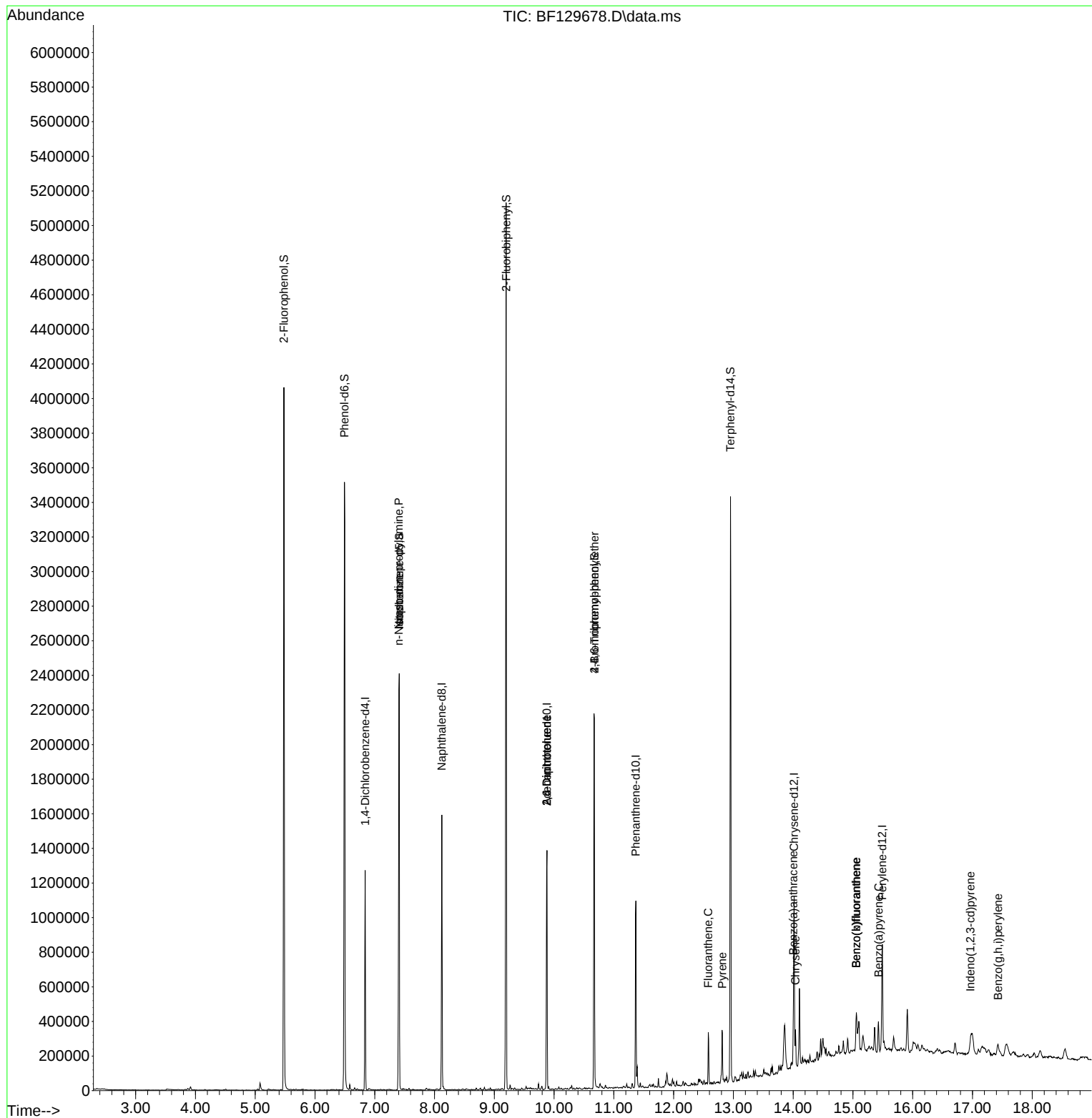
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	171700	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	644080	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	285427	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	391197	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	304365	20.000	ng	-0.01
86) Perylene-d12	15.492	264	269829	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1086820	103.112	ng	0.00
7) Phenol-d6	6.492	99	1336151	100.854	ng	-0.01
23) Nitrobenzene-d5	7.410	82	850688	72.100	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	261419	95.264	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1446115	78.376	ng	-0.01
79) Terphenyl-d14	12.951	244	1107138	68.625	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	111849	13.945	ng	# 75
25) Isophorone	7.410	82	846625	40.031	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	37664	8.540	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	37664	6.538	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	16075	3.753	ng	# 1
75) Fluoranthene	12.580	202	112426	5.196	ng	98
78) Pyrene	12.816	202	121868	4.788	ng	96
81) Benzo(a)anthracene	14.004	228	73938	3.556	ng	92
83) Chrysene	14.039	228	78553	4.009	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	50323	2.769	ng	93
88) Benzo(b)fluoranthene	15.057	252	155360	8.680	ng	# 96
89) Benzo(k)fluoranthene	15.057	252	155360	8.857	ng	# 97
90) Benzo(a)pyrene	15.427	252	77574	5.339	ng	95
92) Benzo(g,h,i)perylene	17.427	276	50474	3.340	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129678.D
Acq On : 09 Aug 2022 21:44
Operator : CG\JU
Sample : N3963-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-221

Quant Time: Aug 10 05:35:15 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

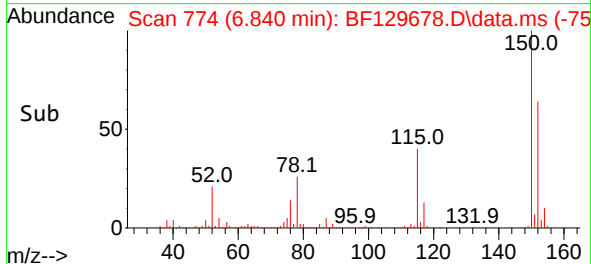
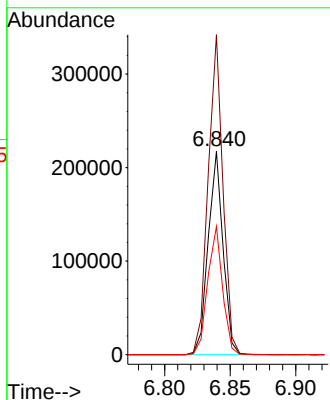
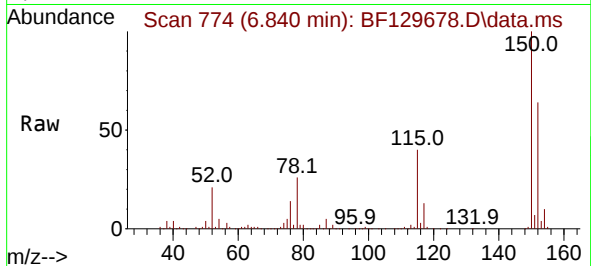




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

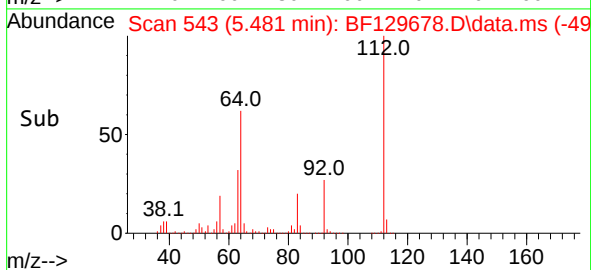
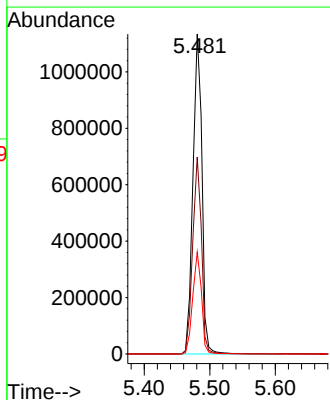
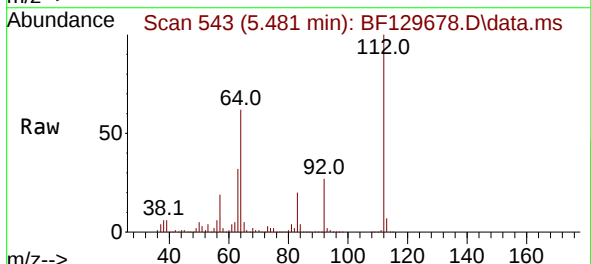
Instrument :
BNA_F
ClientSampleId :
RVE-221

Tgt Ion:152 Resp: 171700
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 103.112 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion:112 Resp: 1086820
Ion Ratio Lower Upper
112 100
64 61.5 53.3 79.9
63 31.9 28.0 42.0

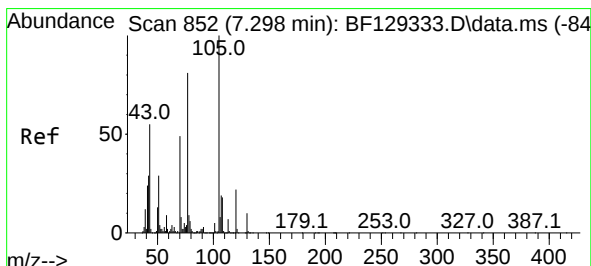
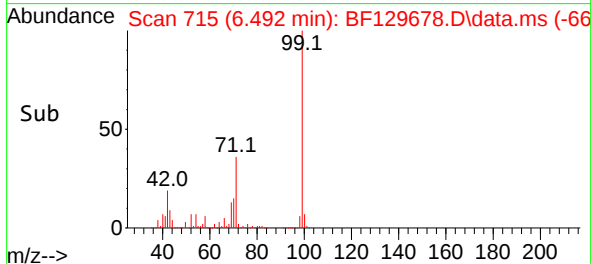
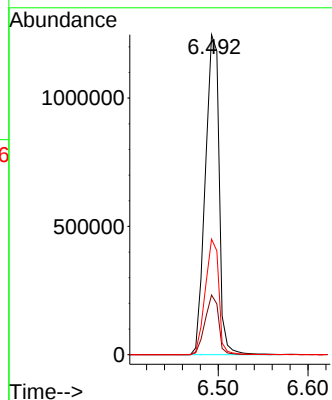
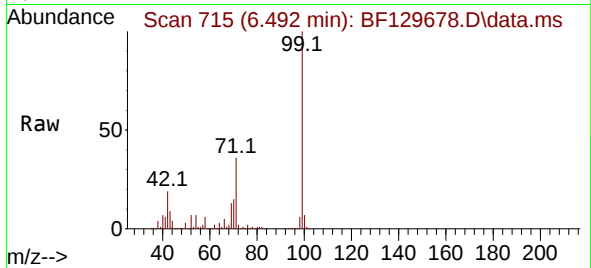




#7
Phenol-d6
Concen: 100.854 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

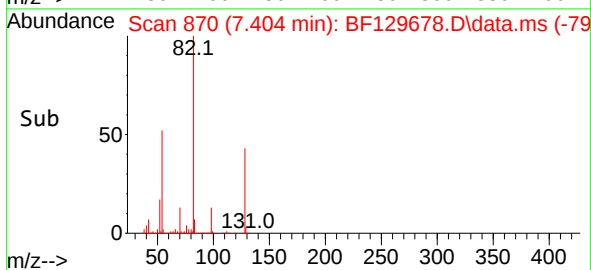
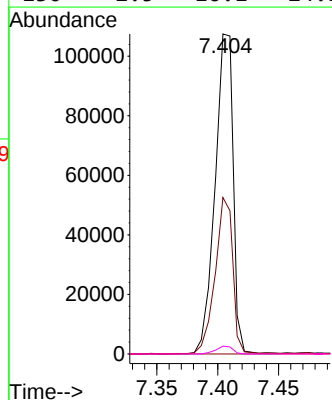
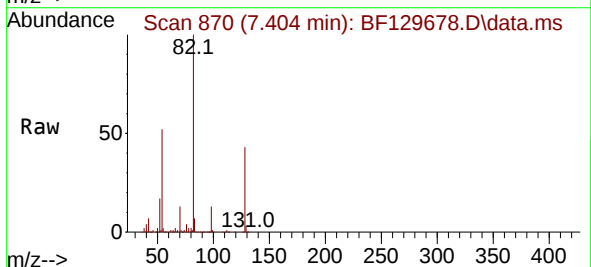
Instrument :
BNA_F
ClientSampleId :
RVE-221

Tgt Ion: 99 Resp: 1336151
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.945 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion: 70 Resp: 111849
Ion Ratio Lower Upper
70 100
42 48.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#

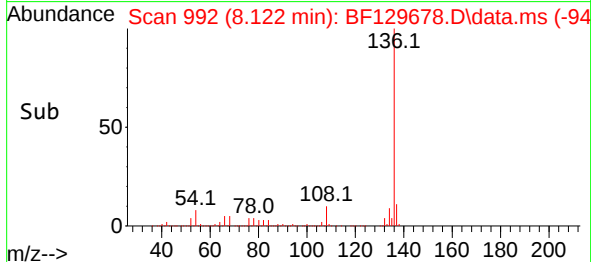
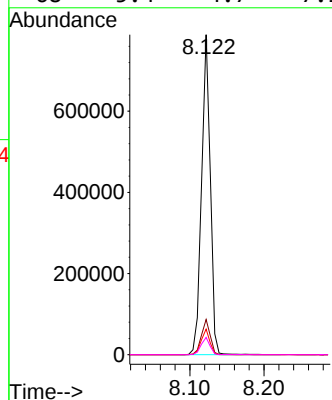
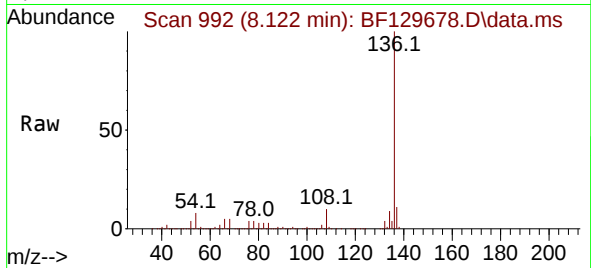




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

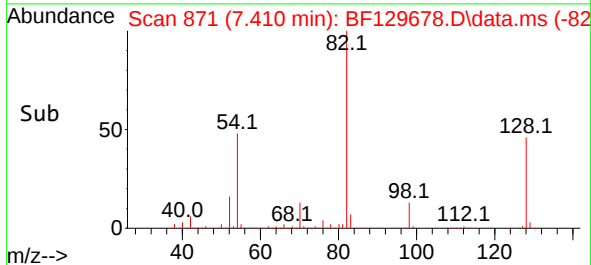
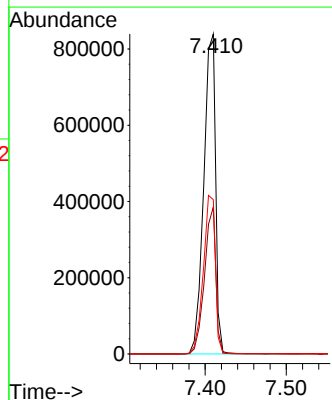
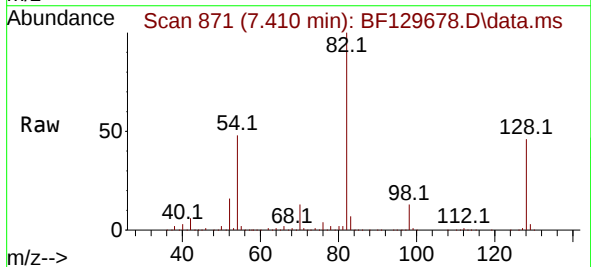
Instrument :
BNA_F
ClientSampleId :
RVE-221

Tgt Ion:136 Resp: 644080
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 7.5 11.3
68 5.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 72.100 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion: 82 Resp: 850688
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 48.2 46.9 70.3

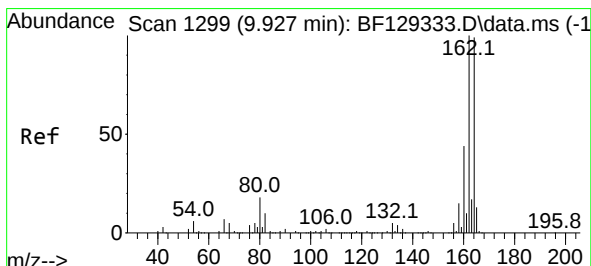
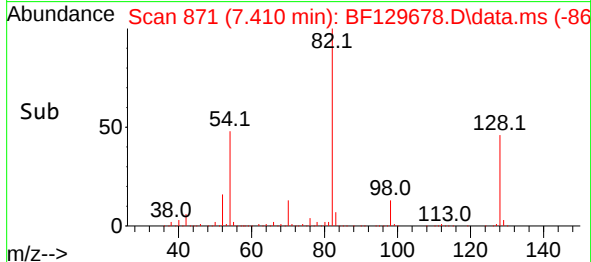
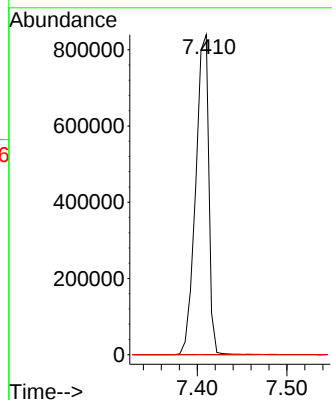
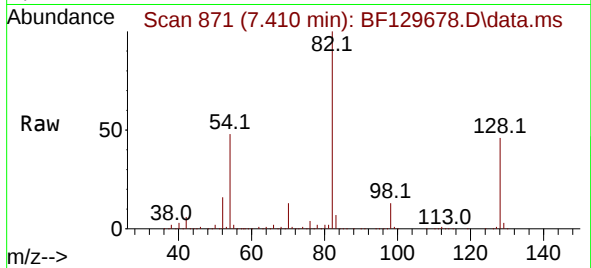




#25
Isophorone
Concen: 40.031 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

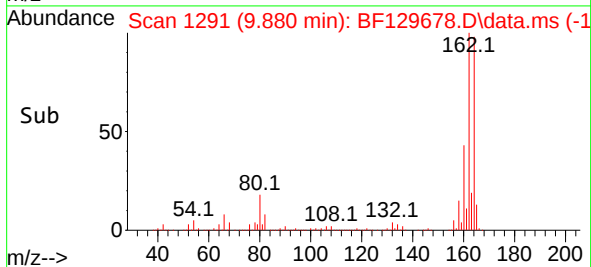
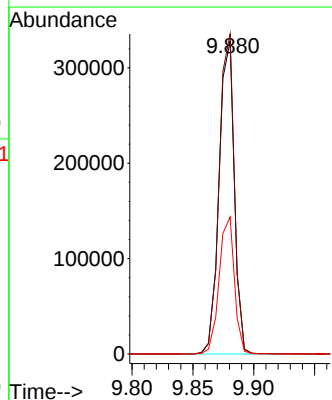
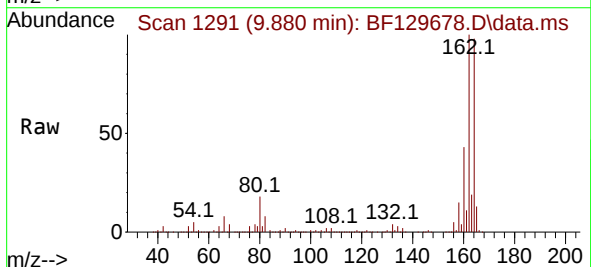
Instrument :
BNA_F
ClientSampleId :
RVE-221

Tgt Ion: 82 Resp: 846625
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: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion:164 Resp: 285427
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 95.264 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

Instrument :

BNA_F

ClientSampleId :

RVE-221

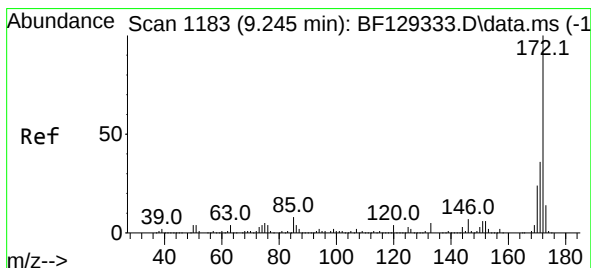
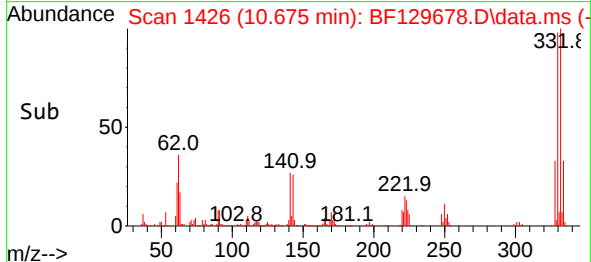
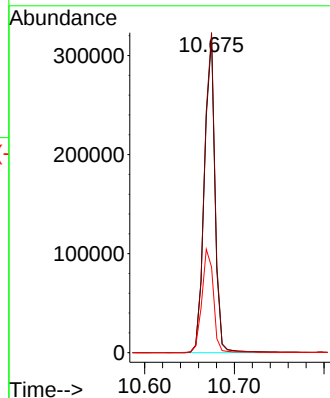
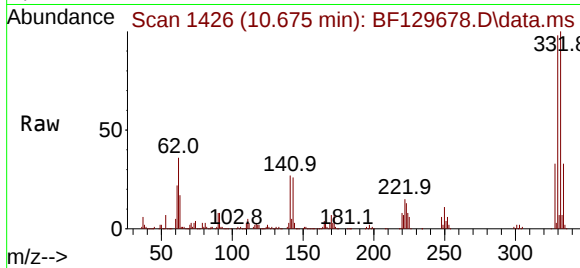
Tgt Ion:330 Resp: 261419

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.376 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

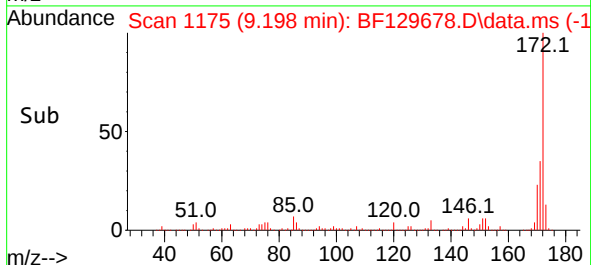
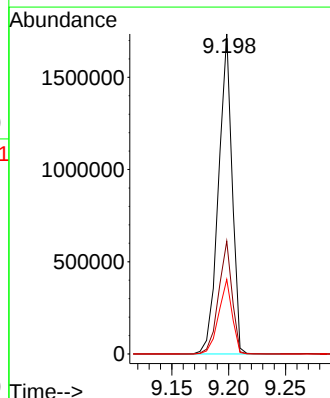
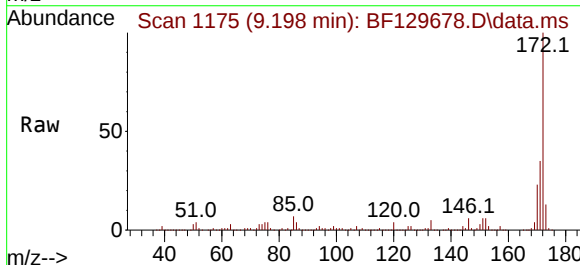
Tgt Ion:172 Resp: 1446115

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.540 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

Instrument :

BNA_F

ClientSampleId :

RVE-221

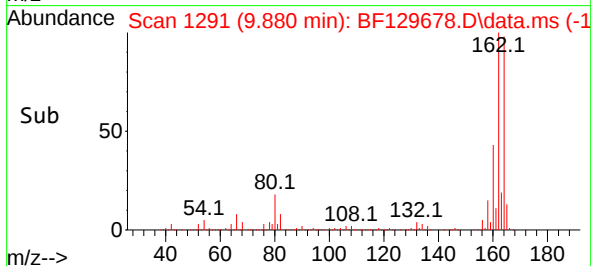
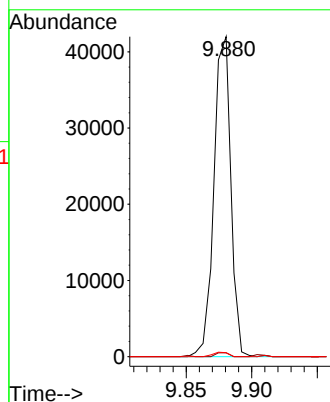
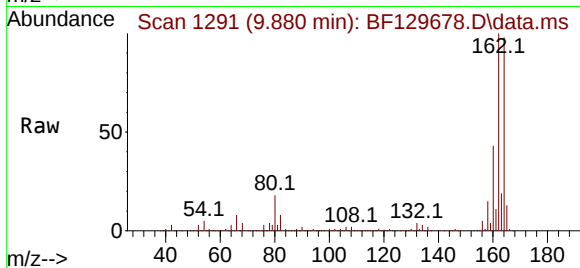
Tgt Ion:165 Resp: 37664

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.538 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

Tgt Ion:165 Resp: 37664

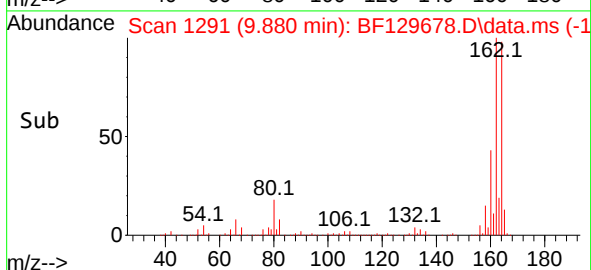
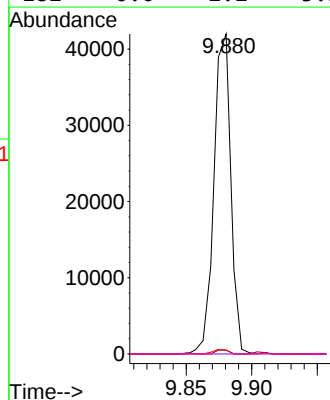
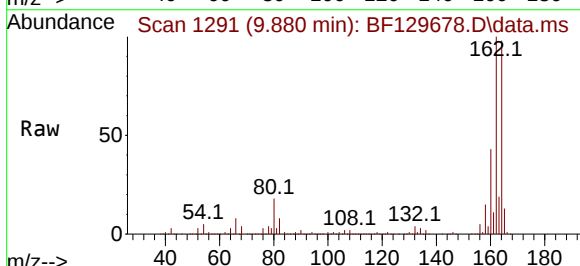
Ion Ratio Lower Upper

165 100

63 1.2 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

Instrument :

BNA_F

ClientSampleId :

RVE-221

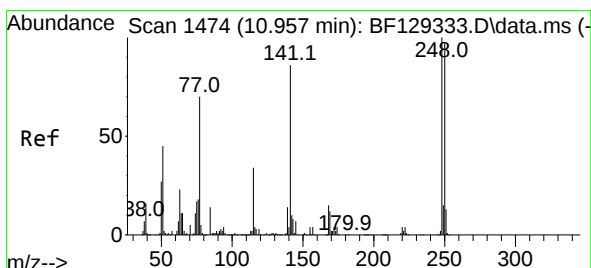
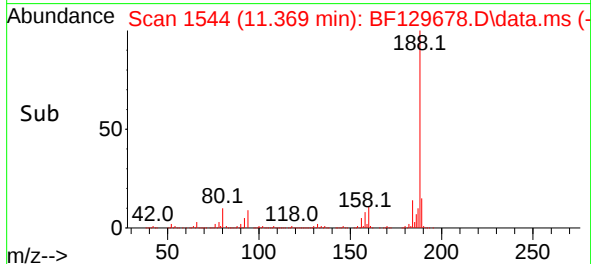
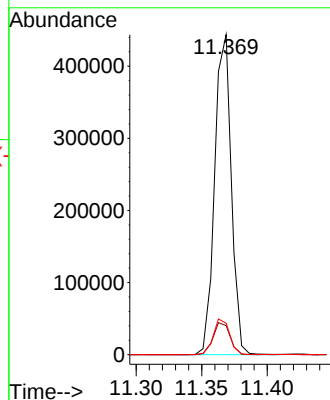
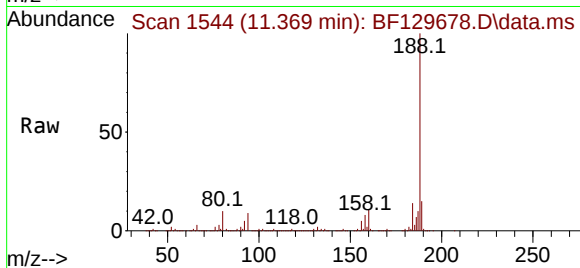
Tgt Ion:188 Resp: 391197

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.753 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

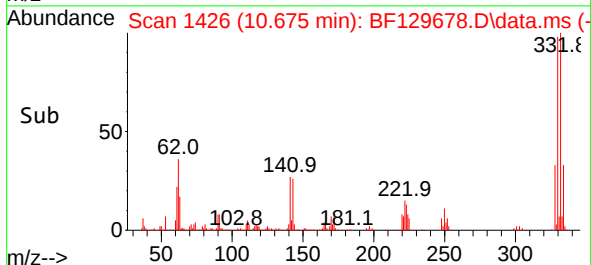
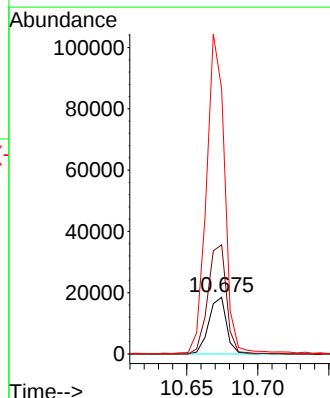
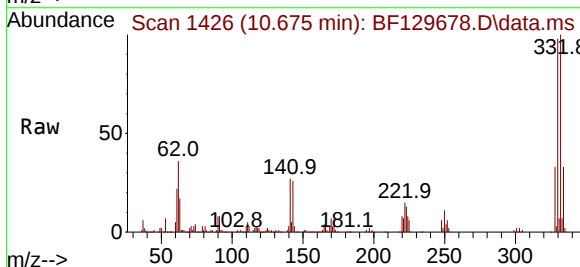
Tgt Ion:248 Resp: 16075

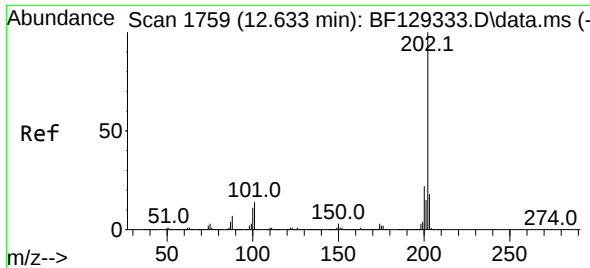
Ion Ratio Lower Upper

248 100

250 192.6 80.6 120.8#

141 467.7 58.9 88.3#

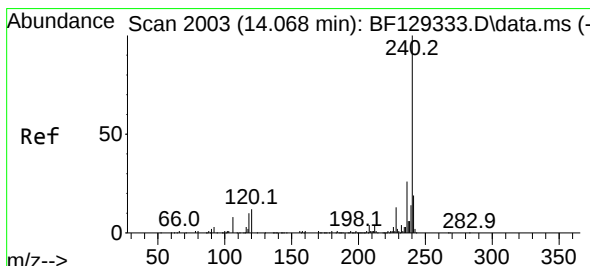
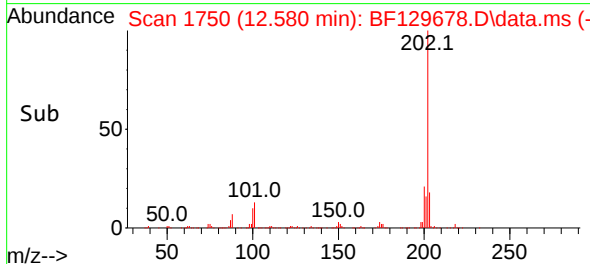
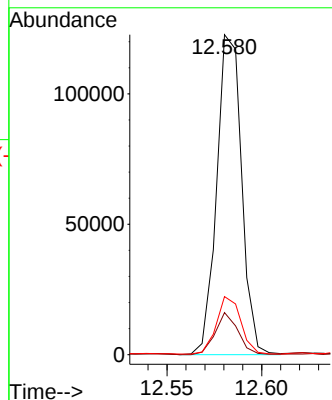
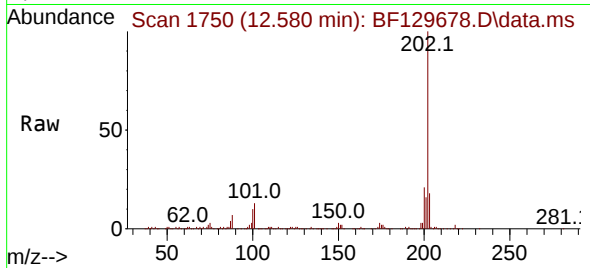




#75
Fluoranthene
Concen: 5.196 ng
RT: 12.580 min Scan# 1759
Delta R.T. -0.018 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

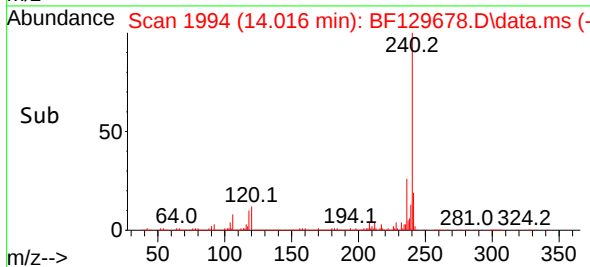
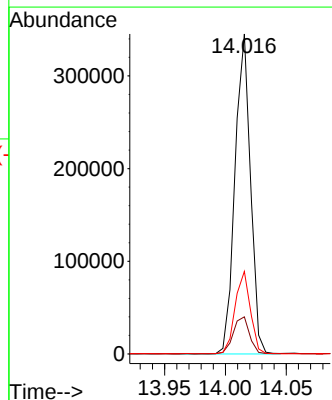
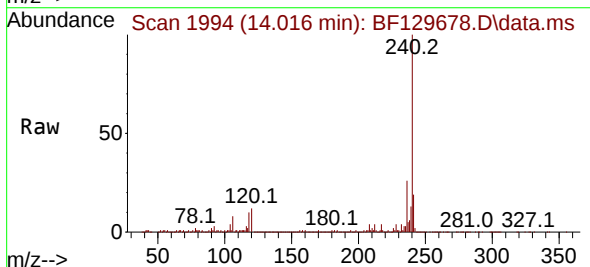
Instrument :
BNA_F
ClientSampleId :
RVE-221

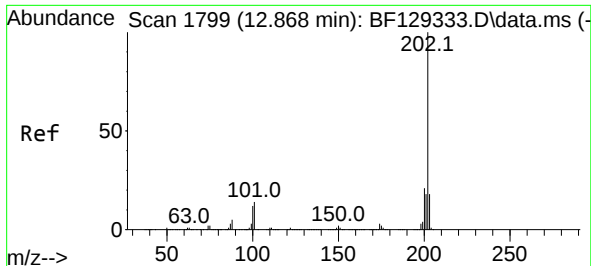
Tgt Ion:202 Resp: 112426
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion:240 Resp: 304365
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.8 20.8 31.2

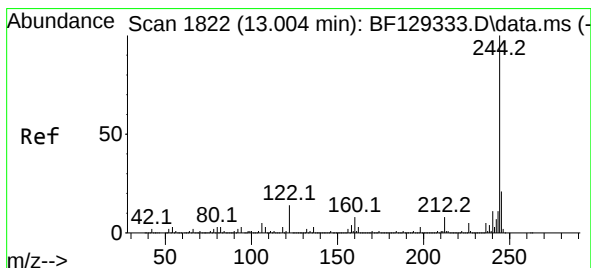
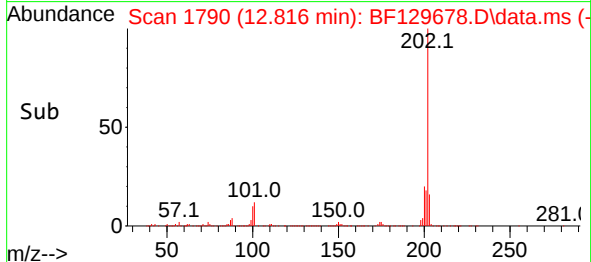
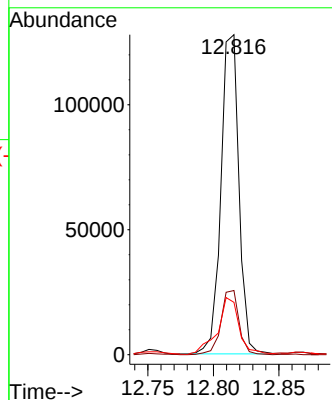
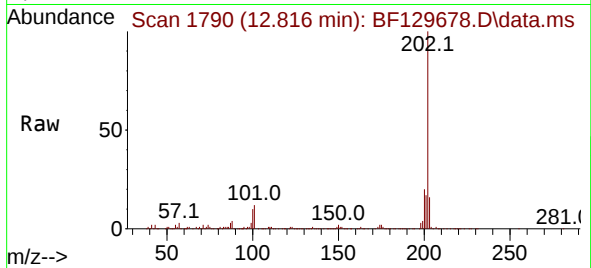




#78
Pyrene
Concen: 4.788 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

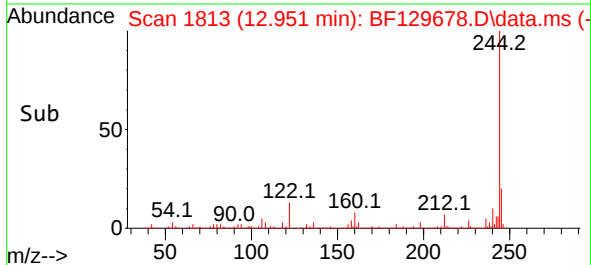
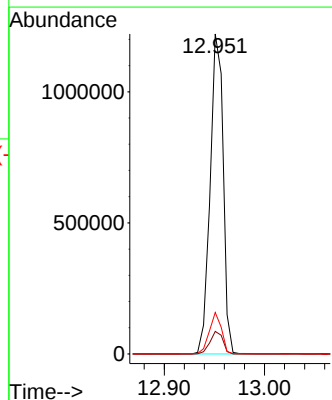
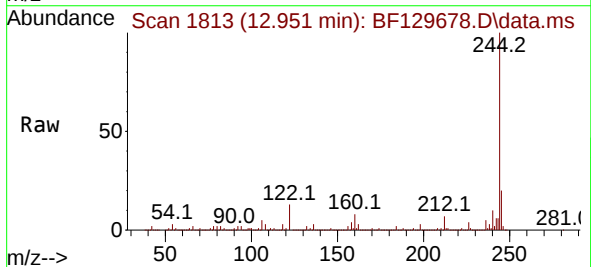
Instrument :
BNA_F
ClientSampleId :
RVE-221

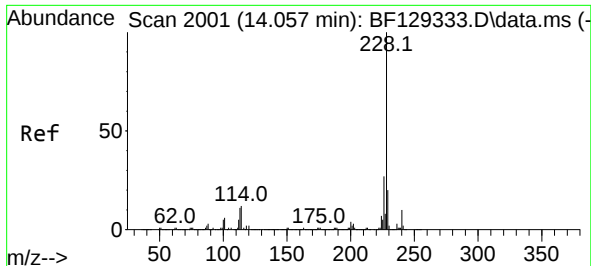
Tgt Ion:202 Resp: 121868
Ion Ratio Lower Upper
202 100
200 20.0 17.7 26.5
203 16.4 14.6 21.8



#79
Terphenyl-d14
Concen: 68.625 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.018 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion:244 Resp: 1107138
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 12.9 8.8 13.2

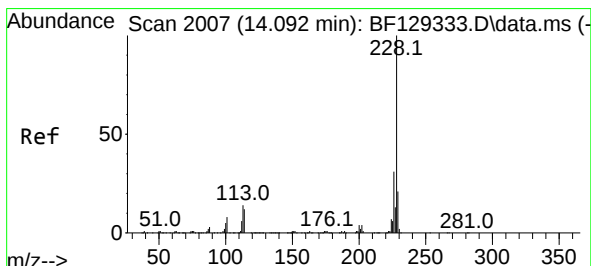
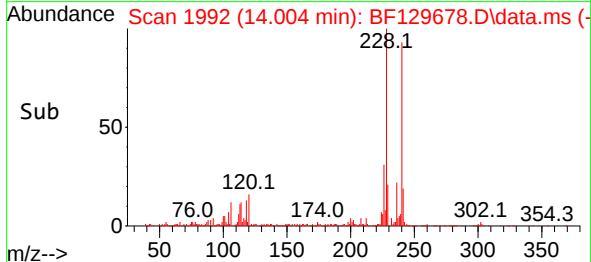
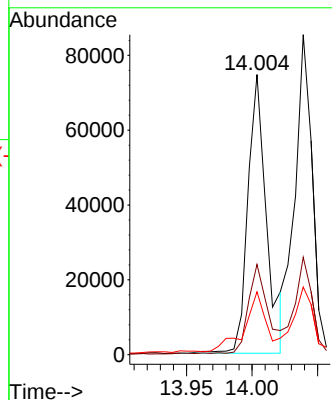
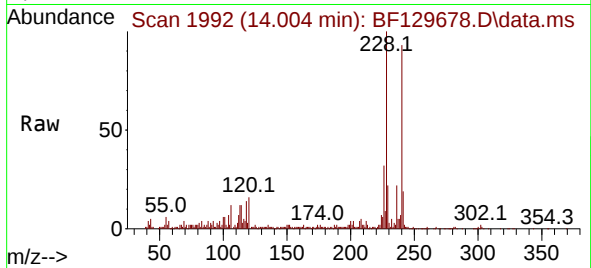




#81
Benzo(a)anthracene
Concen: 3.556 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

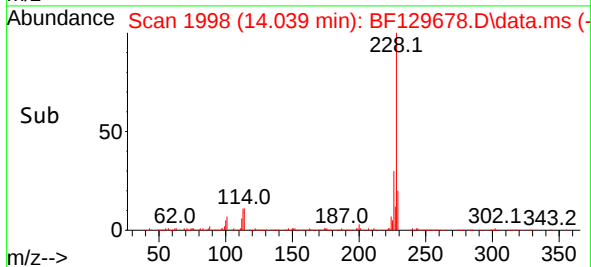
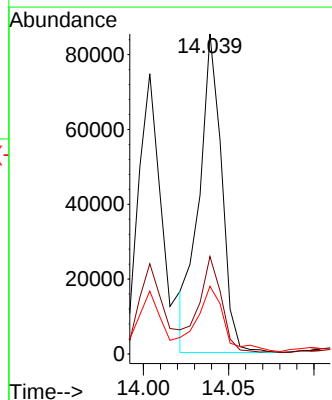
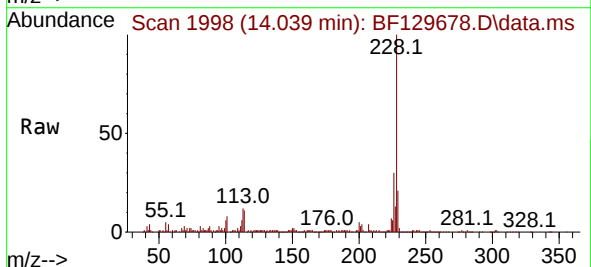
Instrument :
BNA_F
ClientSampleId :
RVE-221

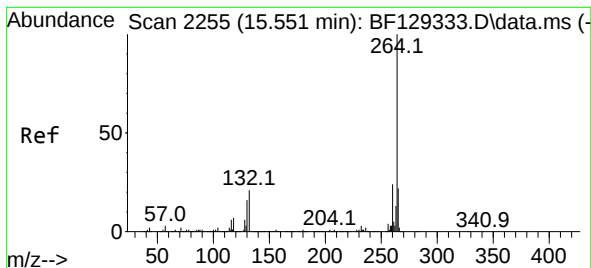
Tgt Ion:228 Resp: 73938
Ion Ratio Lower Upper
228 100
226 32.2 22.1 33.1
229 22.4 15.8 23.8



#83
Chrysene
Concen: 4.009 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion:228 Resp: 78553
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.1 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

Instrument :

BNA_F

ClientSampleId :

RVE-221

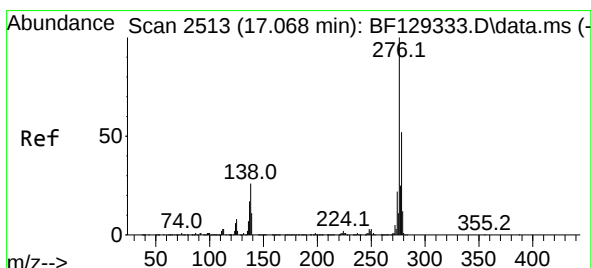
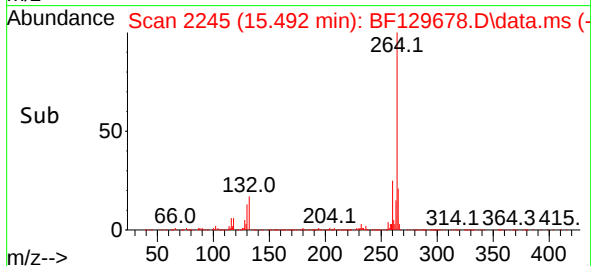
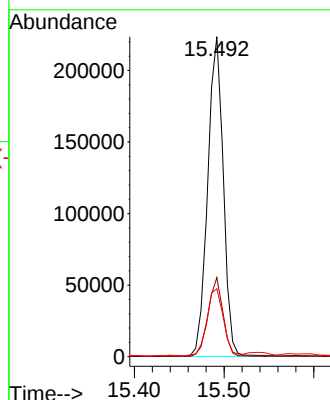
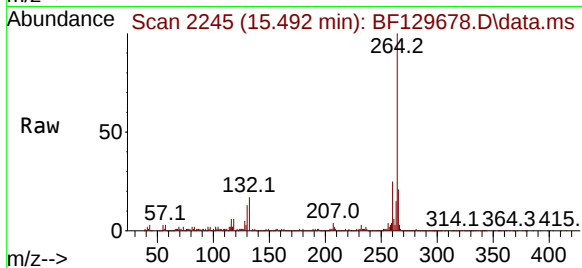
Tgt Ion:264 Resp: 269829

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 21.3 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.769 ng

RT: 16.968 min Scan# 2496

Delta R.T. -0.029 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

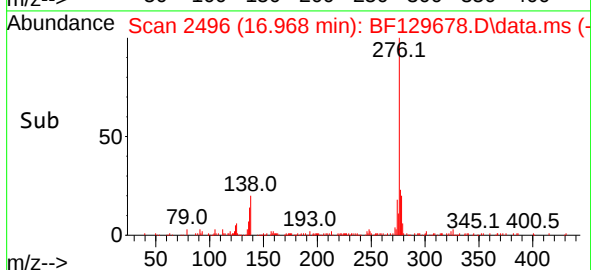
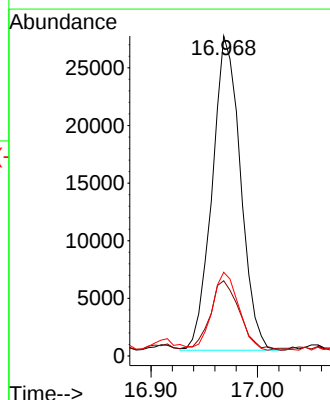
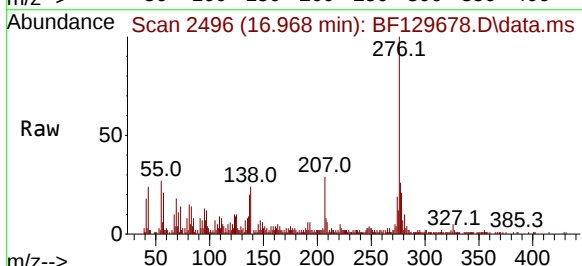
Tgt Ion:276 Resp: 50323

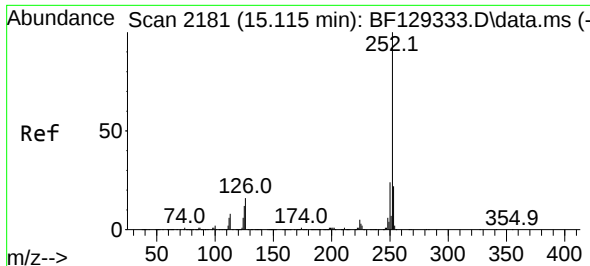
Ion Ratio Lower Upper

276 100

138 21.7 21.1 31.7

277 23.4 20.3 30.5

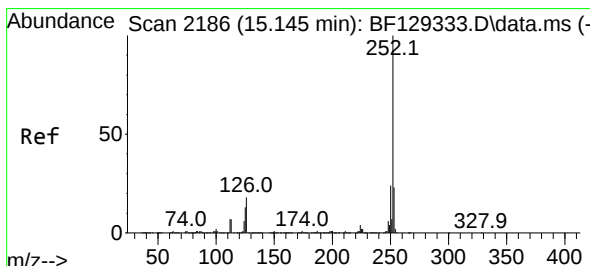
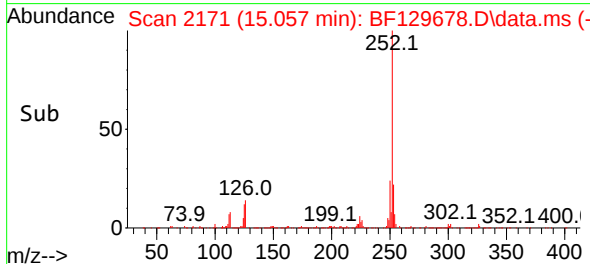
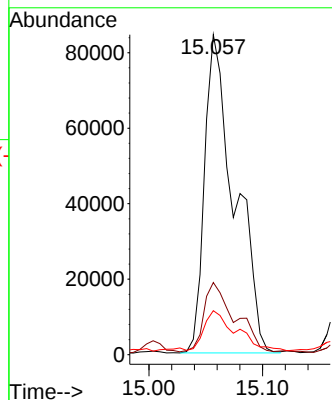
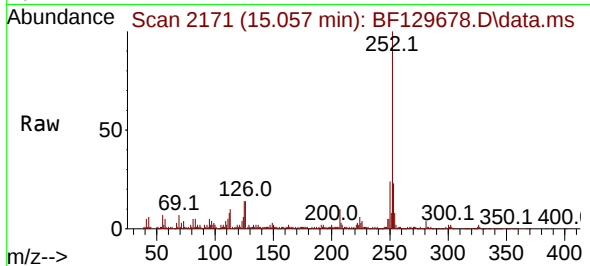




#88
Benzo(b)fluoranthene
Concen: 8.680 ng
RT: 15.057 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

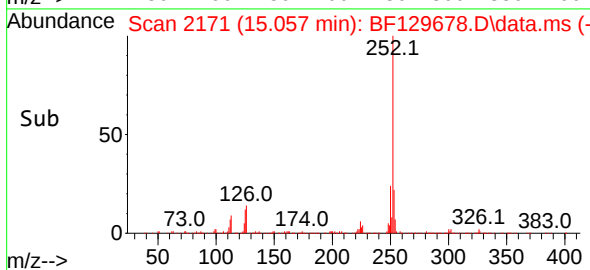
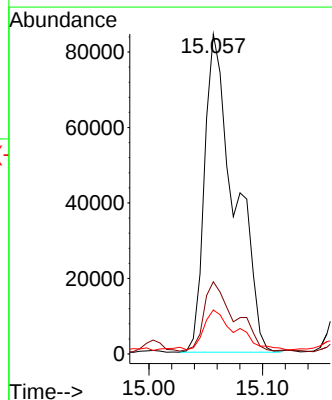
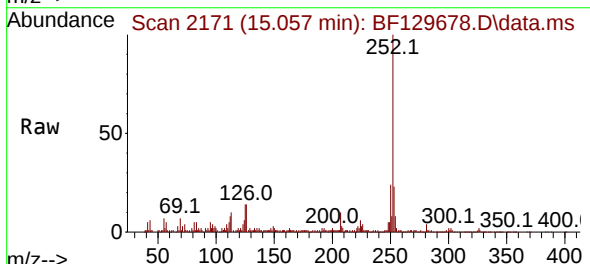
Instrument :
BNA_F
ClientSampleId :
RVE-221

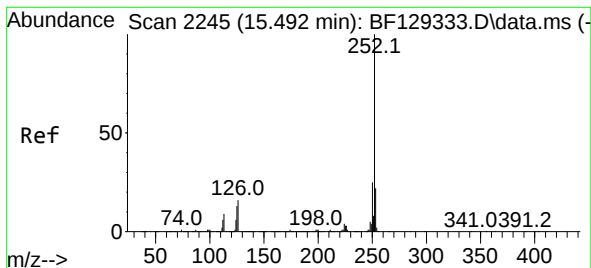
Tgt Ion:252 Resp: 155360
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 13.8 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 8.857 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.047 min
Lab File: BF129678.D
Acq: 09 Aug 2022 21:44

Tgt Ion:252 Resp: 155360
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 13.8 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 5.339 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

Instrument :

BNA_F

ClientSampleId :

RVE-221

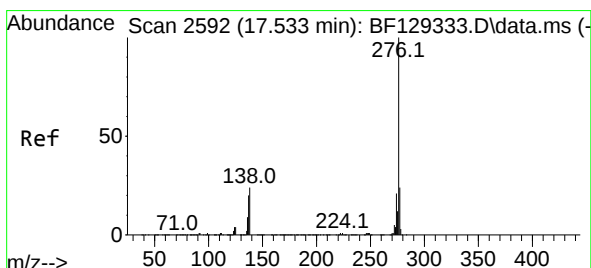
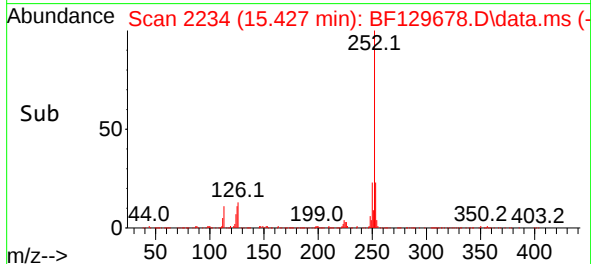
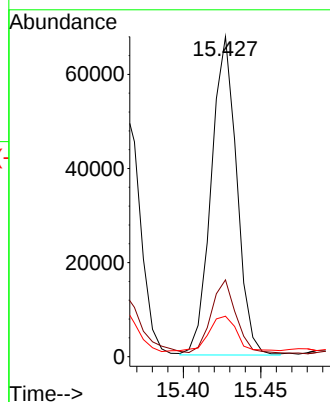
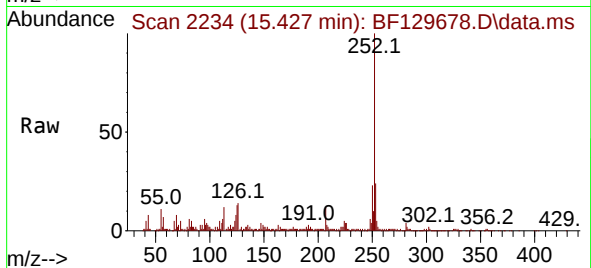
Tgt Ion:252 Resp: 77574

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.6

125 12.6 8.8 13.2



#92

Benzo(g,h,i)perylene

Concen: 3.340 ng

RT: 17.427 min Scan# 2574

Delta R.T. -0.024 min

Lab File: BF129678.D

Acq: 09 Aug 2022 21:44

Tgt Ion:276 Resp: 50474

Ion Ratio Lower Upper

276 100

277 24.6 19.1 28.7

138 25.0 18.0 27.0

