

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129685.D
 Acq On : 10 Aug 2022 01:39
 Operator : CG\JU
 Sample : N3962-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-193

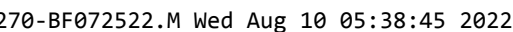
Quant Time: Aug 10 05:38:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	169580	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	625957	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	277991	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	392301	20.000	ng	#-0.01
76) Chrysene-d12	14.016	240	297444	20.000	ng	-0.01
86) Perylene-d12	15.492	264	252973	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1050557	100.917	ng	0.00
7) Phenol-d6	6.498	99	1296402	99.077	ng	0.00
23) Nitrobenzene-d5	7.410	82	799452	69.719	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	247750	92.697	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1363018	75.848	ng	-0.01
79) Terphenyl-d14	12.957	244	1059219	67.182	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	107453	13.565	ng	# 72
25) Isophorone	7.410	82	796043	38.729	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	36288	8.448	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	36288	6.467	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	15812	3.681	ng	# 1
75) Fluoranthene	12.586	202	109350	5.040	ng	97
78) Pyrene	12.816	202	156977	6.311	ng	96
81) Benzo(a)anthracene	14.004	228	88911	4.376	ng	93
83) Chrysene	14.045	228	98913	5.165	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	46611	2.736	ng	99
88) Benzo(b)fluoranthene	15.063	252	150250	8.954	ng	# 98
89) Benzo(k)fluoranthene	15.063	252	150250	9.137	ng	# 98
90) Benzo(a)pyrene	15.427	252	85185	6.254	ng	97
92) Benzo(g,h,i)perylene	17.427	276	48850	3.448	ng	96

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

Quant Time: Aug 10 05:38:28 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

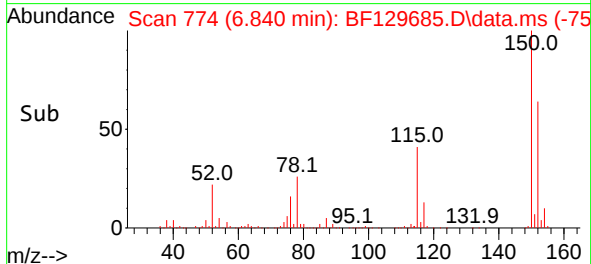
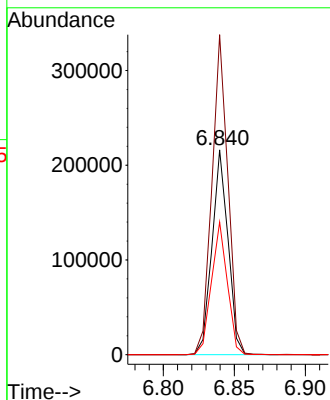
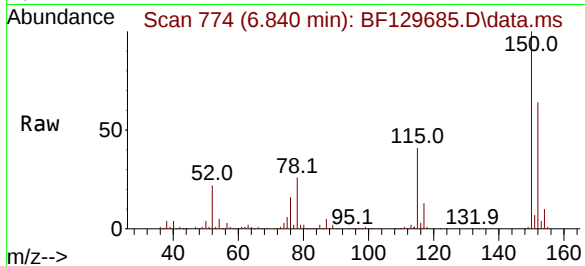




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129685.D
 Acq: 10 Aug 2022 01:39

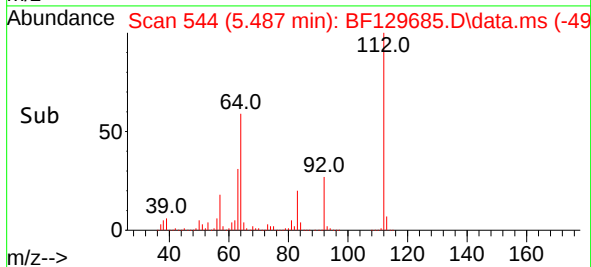
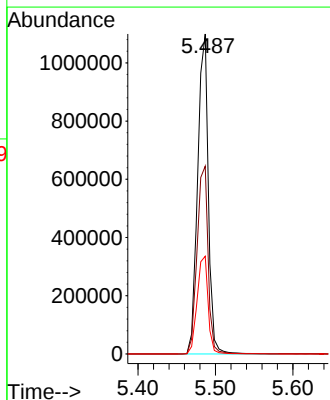
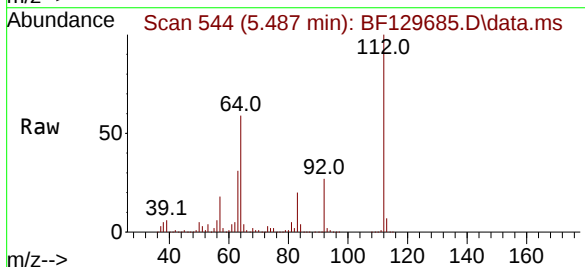
Instrument :
 BNA_F
 ClientSampleId :
 RVE-193

Tgt Ion:152 Resp: 169580
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 64.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 100.917 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129685.D
 Acq: 10 Aug 2022 01:39

Tgt Ion:112 Resp: 1050557
 Ion Ratio Lower Upper
 112 100
 64 58.7 53.3 79.9
 63 30.6 28.0 42.0

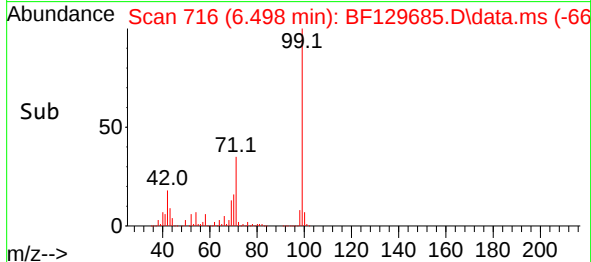
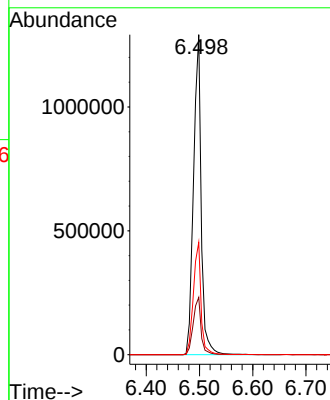
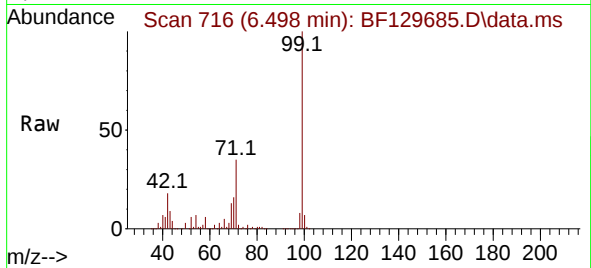




#7
Phenol-d6
Concen: 99.077 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

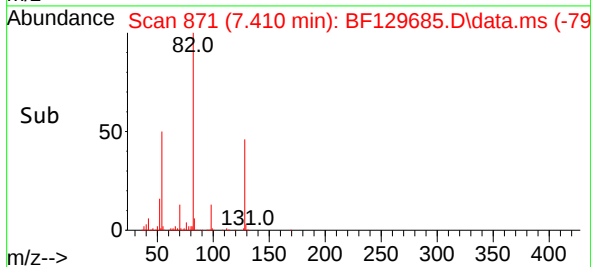
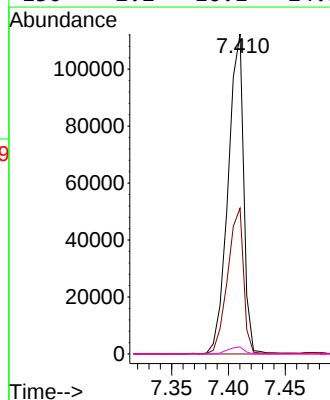
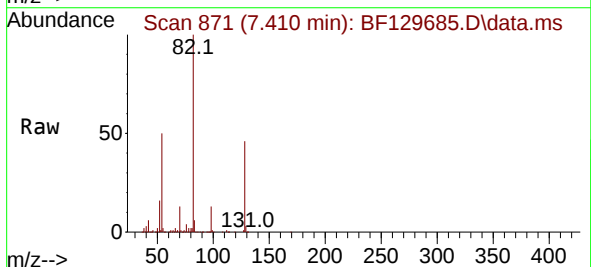
Instrument :
BNA_F
ClientSampleId :
RVE-193

Tgt Ion: 99 Resp: 1296402
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.565 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion: 70 Resp: 107453
Ion Ratio Lower Upper
70 100
42 45.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



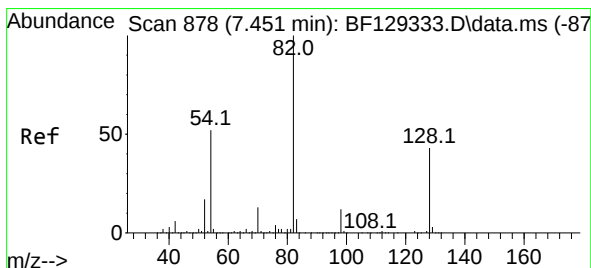
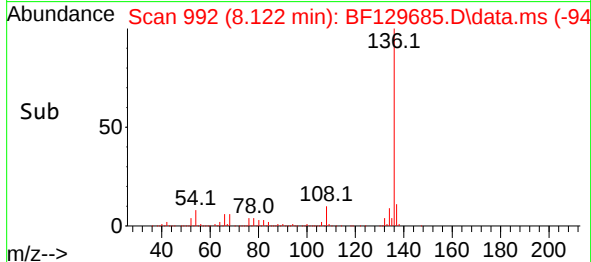
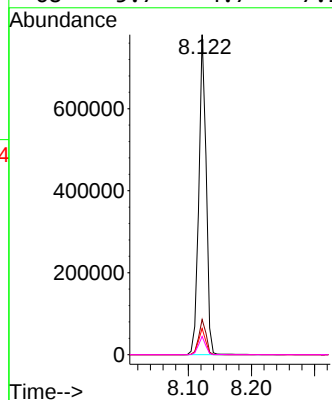
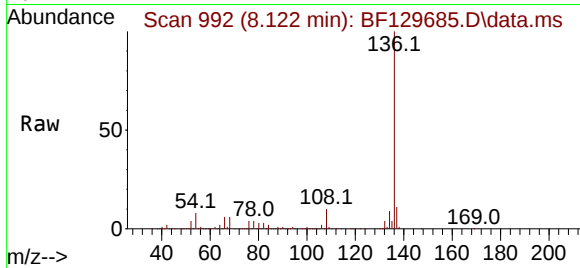


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Instrument :
BNA_F
ClientSampleId :
RVE-193

Tgt Ion:136 Resp: 625957

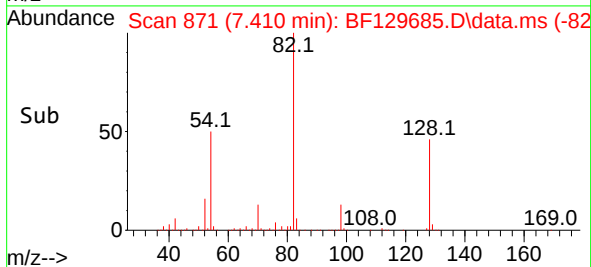
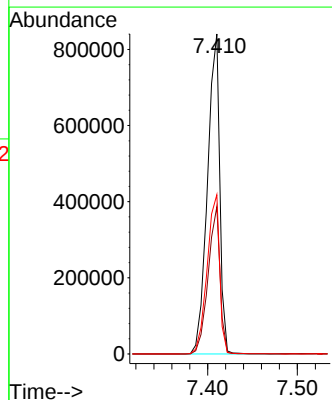
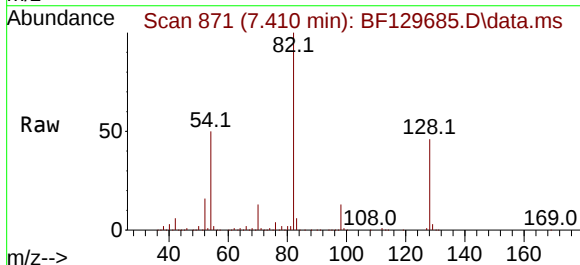
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	7.5	11.3
68	5.7	4.7	7.1

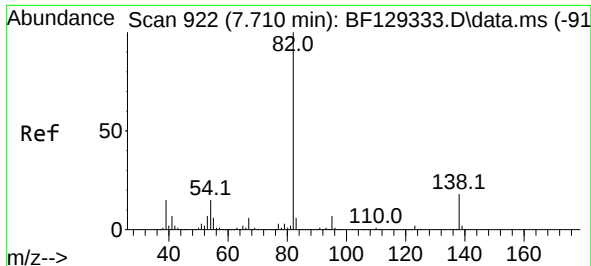


#23
Nitrobenzene-d5
Concen: 69.719 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion: 82 Resp: 799452

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	49.7	46.9	70.3

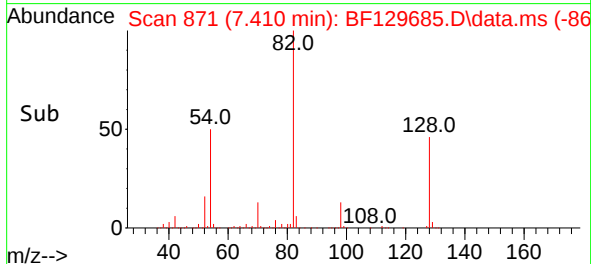
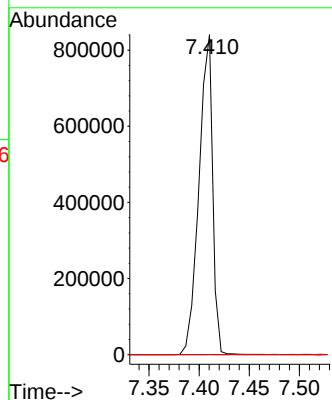
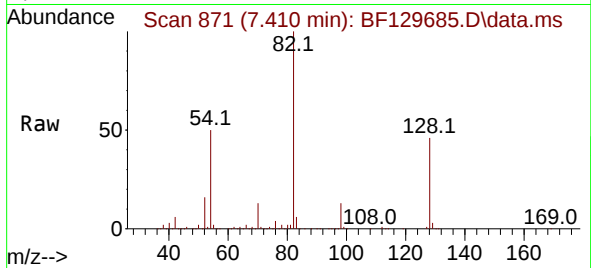




#25
Isophorone
Concen: 38.729 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

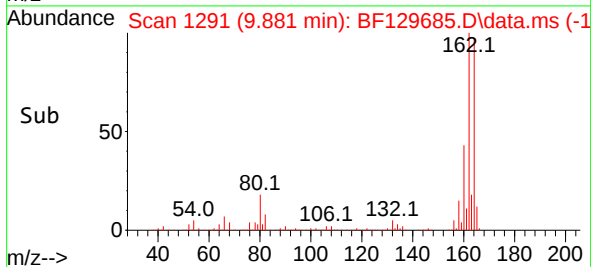
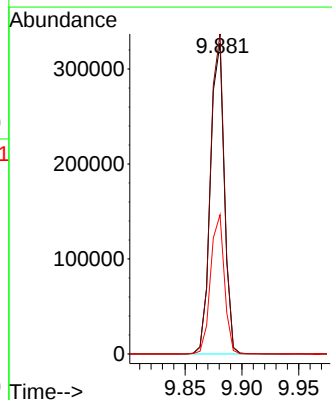
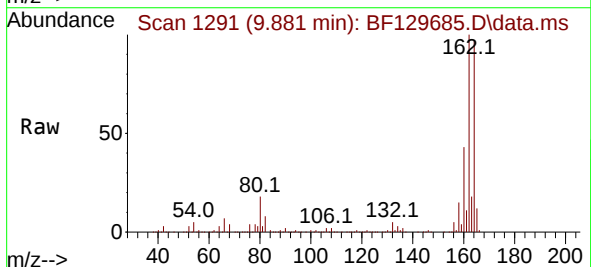
Instrument :
BNA_F
ClientSampleId :
RVE-193

Tgt Ion: 82 Resp: 796043
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: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion: 164 Resp: 277991
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 92.697 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129685.D

Acq: 10 Aug 2022 01:39

Instrument :

BNA_F

ClientSampleId :

RVE-193

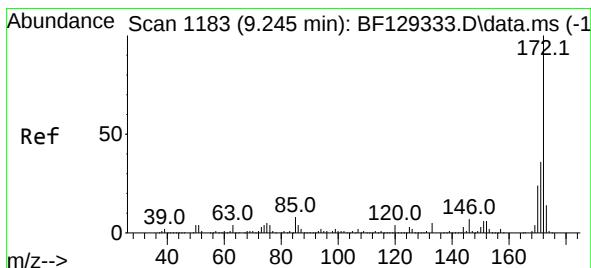
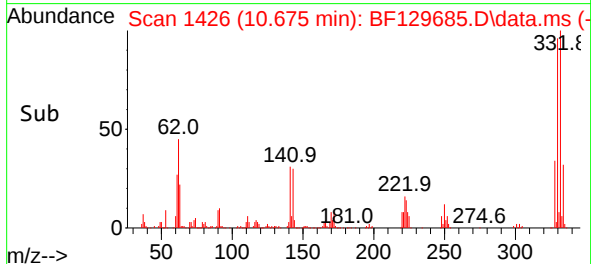
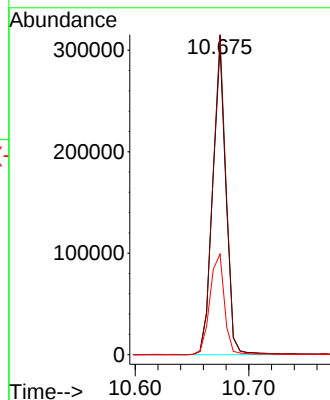
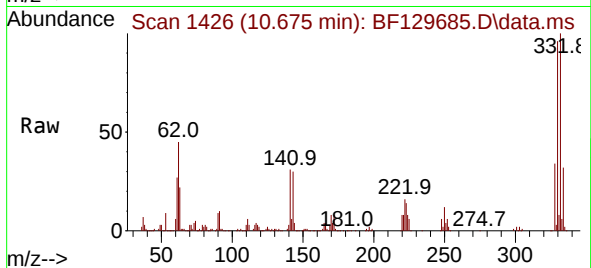
Tgt Ion:330 Resp: 247750

Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 75.848 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129685.D

Acq: 10 Aug 2022 01:39

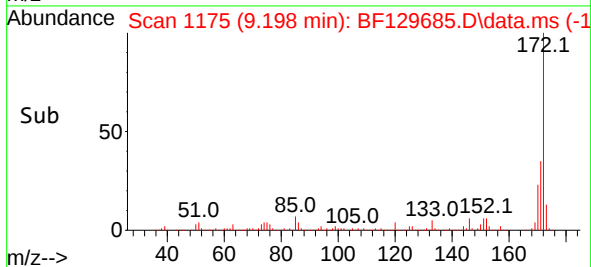
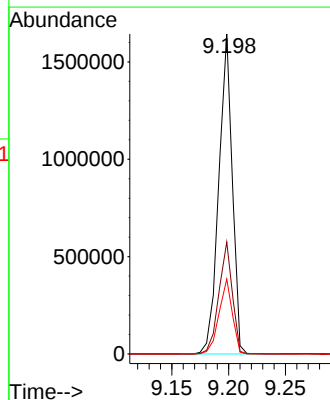
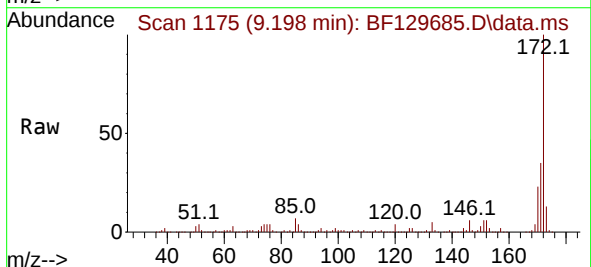
Tgt Ion:172 Resp: 1363018

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.4 19.8 29.8

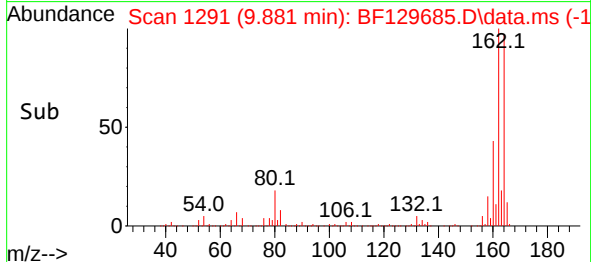
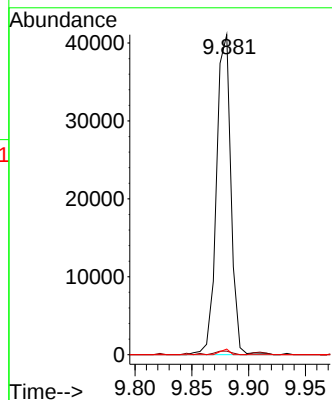
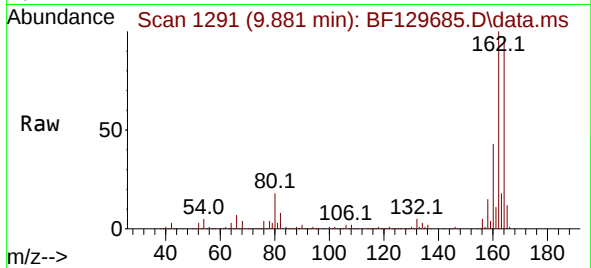




#51
2,6-Dinitrotoluene
Concen: 8.448 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

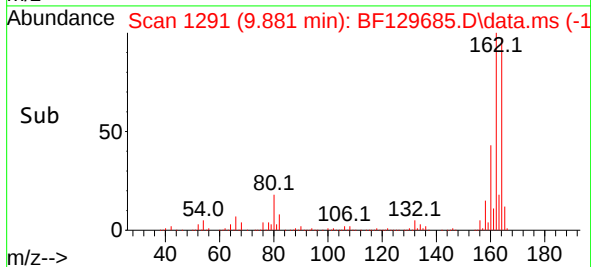
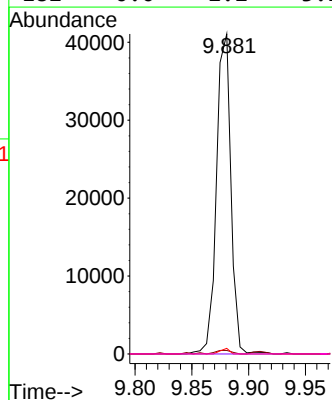
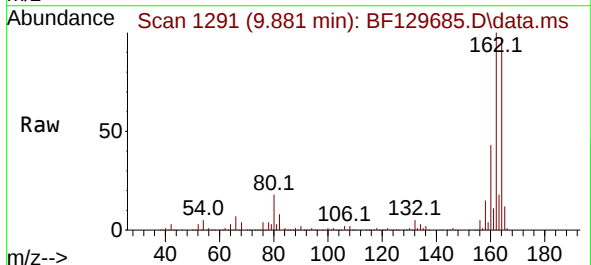
Instrument :
BNA_F
ClientSampleId :
RVE-193

Tgt Ion:165 Resp: 36288
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.7 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.467 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion:165 Resp: 36288
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#

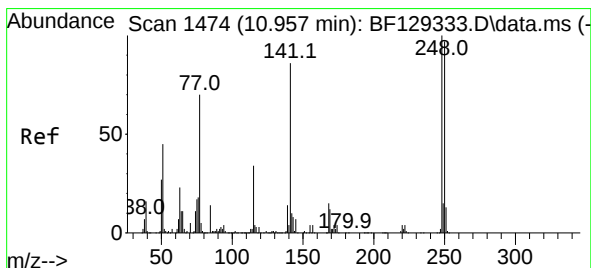
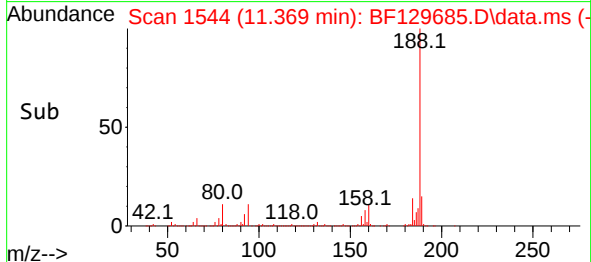
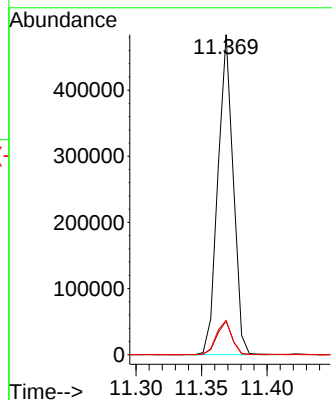
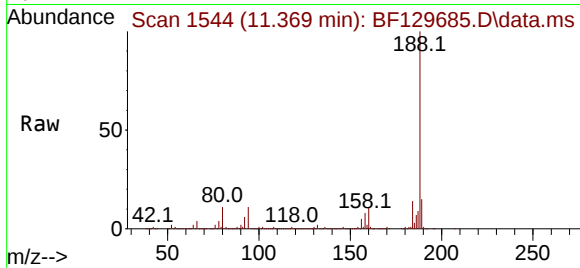




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

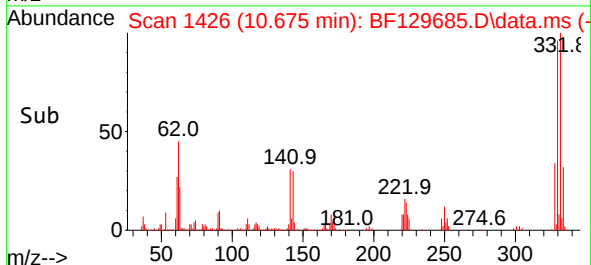
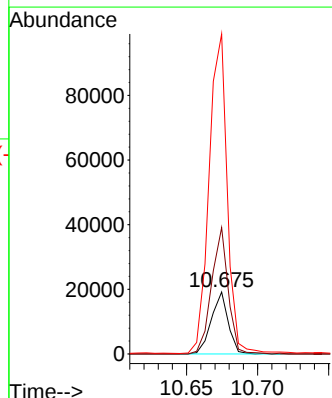
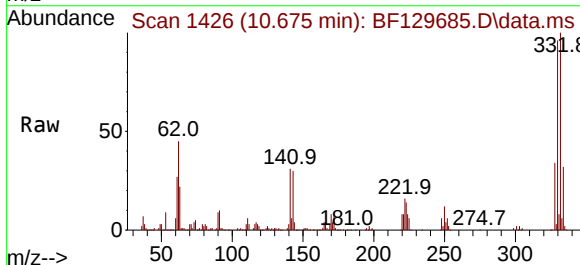
Instrument :
BNA_F
ClientSampleId :
RVE-193

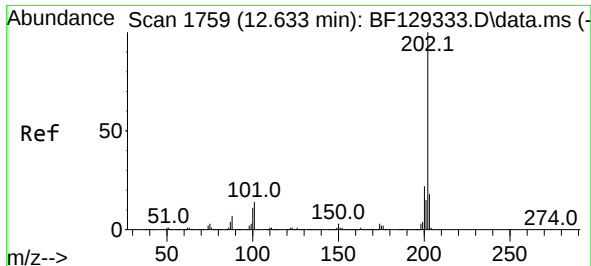
Tgt Ion:188 Resp: 392301
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 10.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.681 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion:248 Resp: 15812
Ion Ratio Lower Upper
248 100
250 204.3 80.6 120.8#
141 517.3 58.9 88.3#

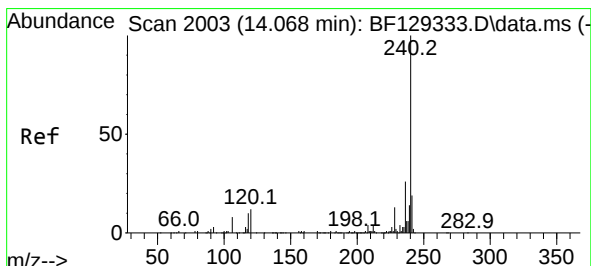
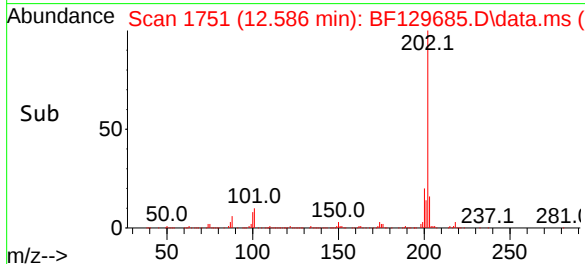
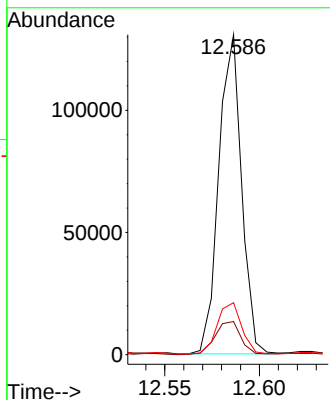
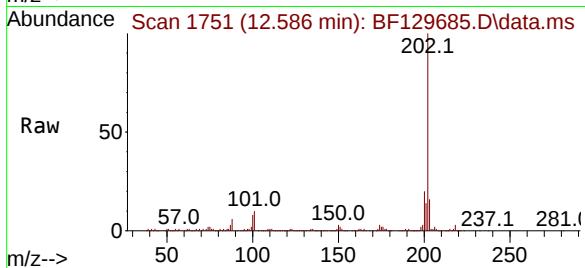




#75
Fluoranthene
Concen: 5.040 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

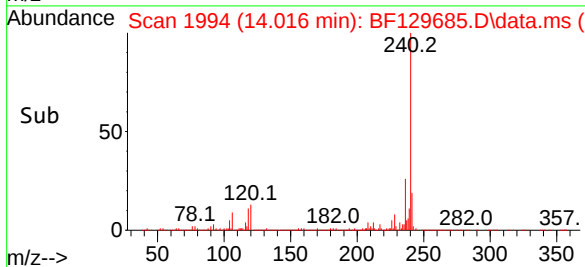
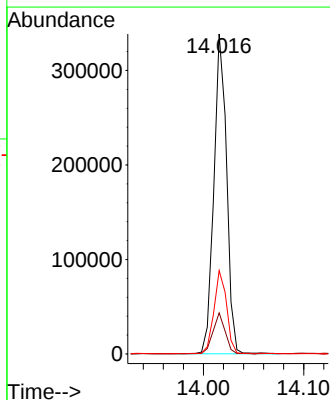
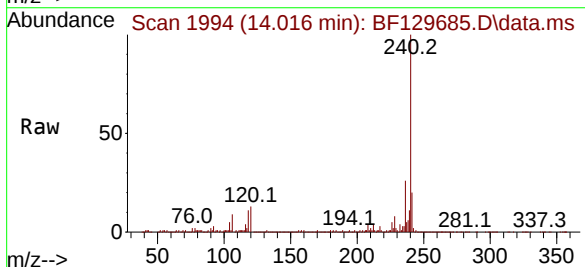
Instrument :
BNA_F
ClientSampleId :
RVE-193

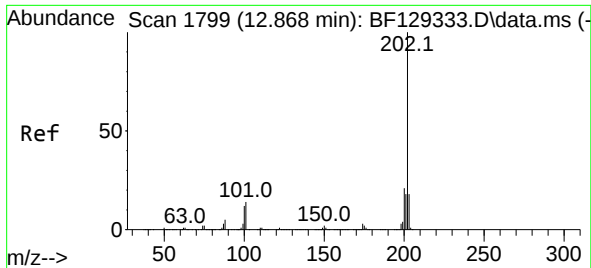
Tgt Ion:202 Resp: 109350
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 16.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion:240 Resp: 297444
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 26.1 20.8 31.2

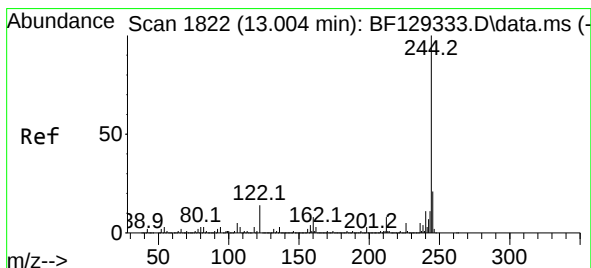
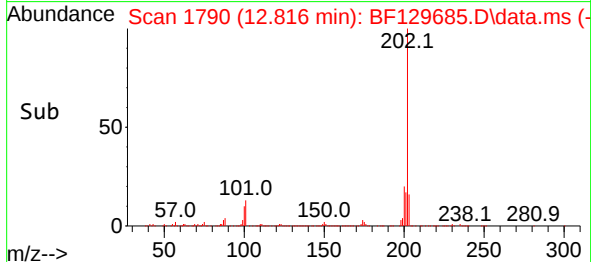
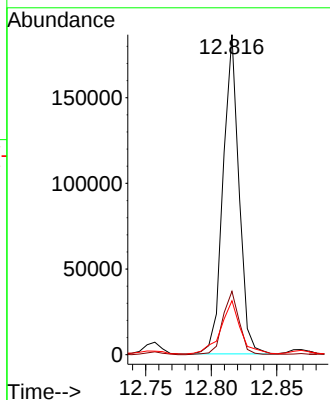
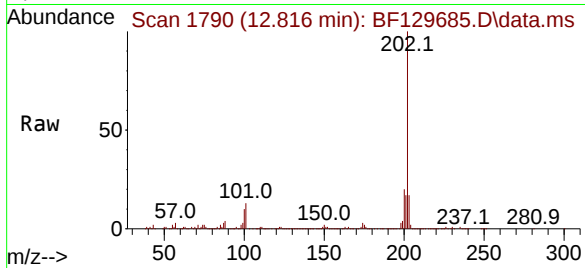




#78
Pyrene
Concen: 6.311 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

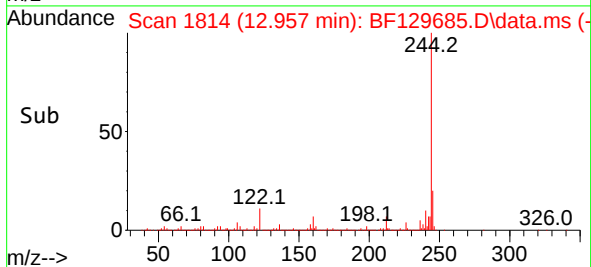
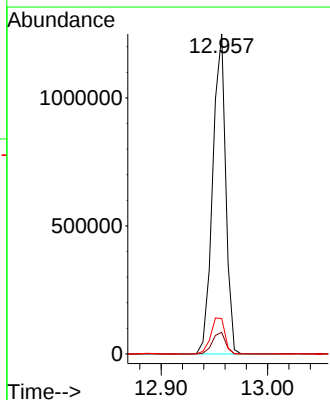
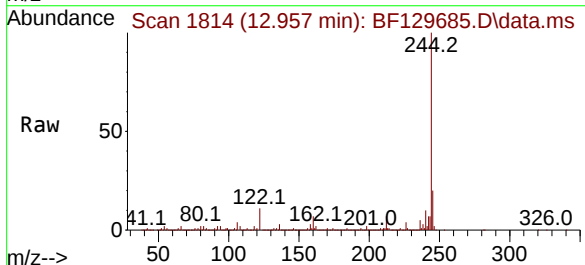
Instrument :
BNA_F
ClientSampleId :
RVE-193

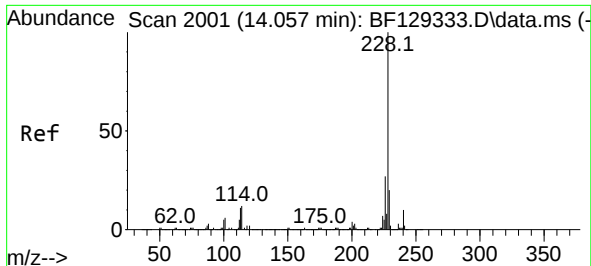
Tgt Ion:202 Resp: 156977
Ion Ratio Lower Upper
202 100
200 19.8 17.7 26.5
203 16.9 14.6 21.8



#79
Terphenyl-d14
Concen: 67.182 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion:244 Resp: 1059219
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 11.1 8.8 13.2

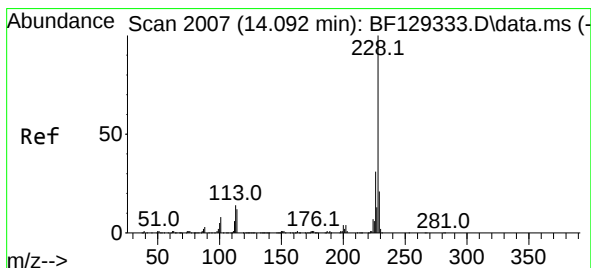
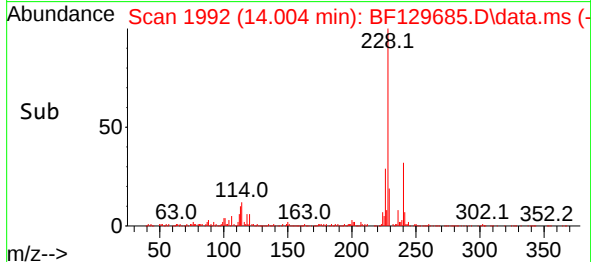
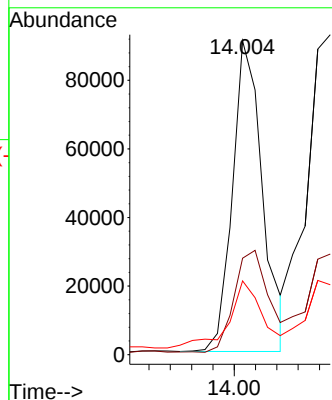
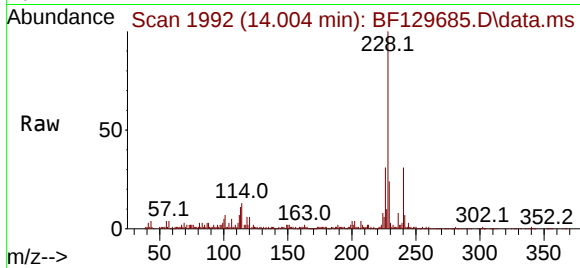




#81
Benzo(a)anthracene
Concen: 4.376 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

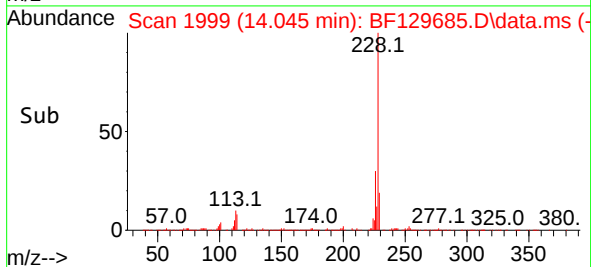
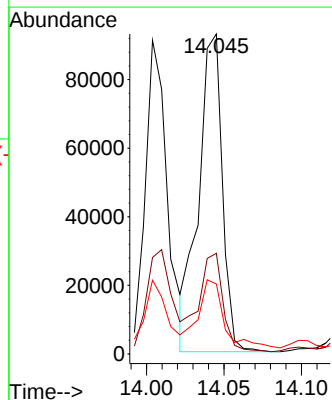
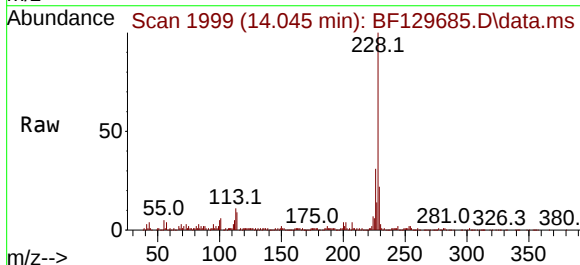
Instrument :
BNA_F
ClientSampleId :
RVE-193

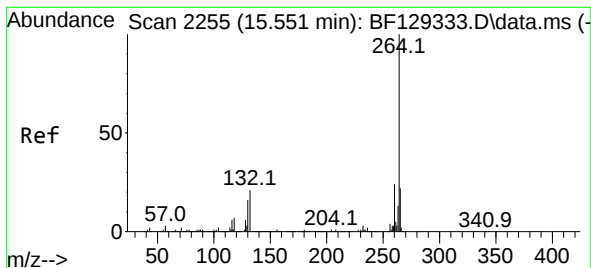
Tgt Ion:228 Resp: 88911
Ion Ratio Lower Upper
228 100
226 30.8 22.1 33.1
229 23.5 15.8 23.8



#83
Chrysene
Concen: 5.165 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion:228 Resp: 98913
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 21.8 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: BF129685.D

Acq: 10 Aug 2022 01:39

Instrument :

BNA_F

ClientSampleId :

RVE-193

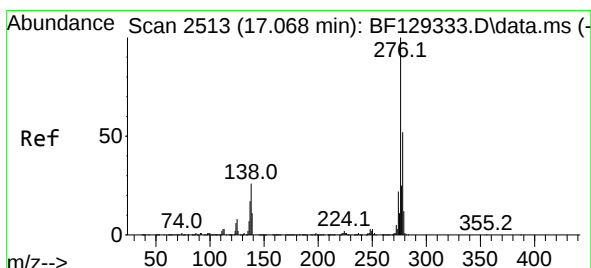
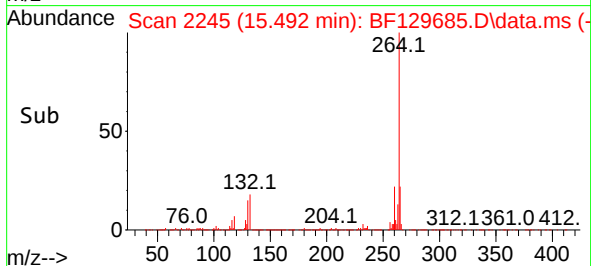
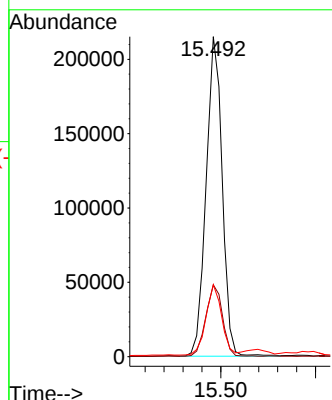
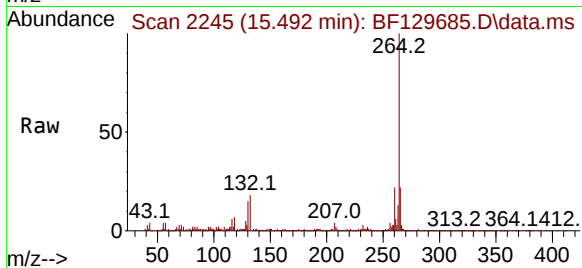
Tgt Ion:264 Resp: 252973

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 22.5 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.736 ng

RT: 16.974 min Scan# 2497

Delta R.T. -0.023 min

Lab File: BF129685.D

Acq: 10 Aug 2022 01:39

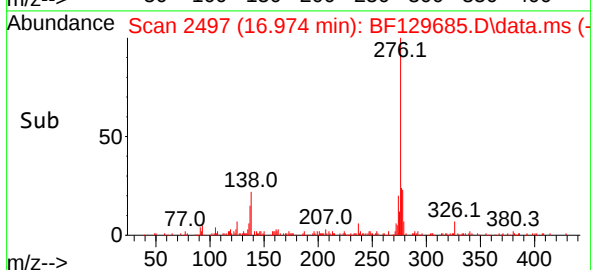
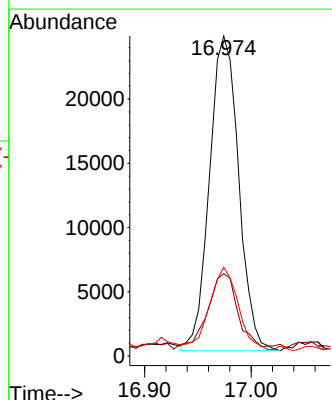
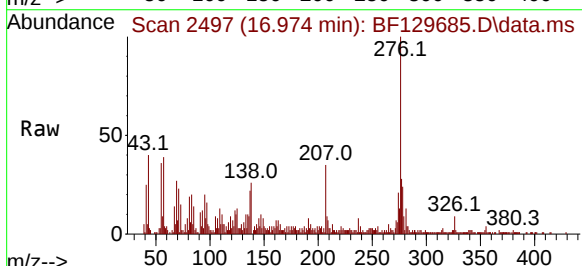
Tgt Ion:276 Resp: 46611

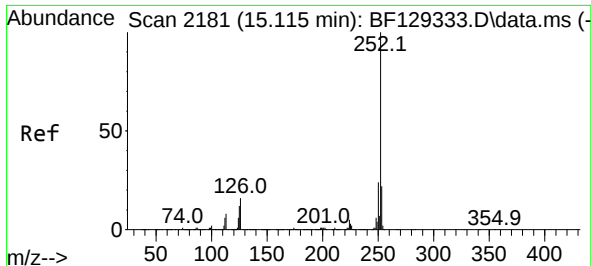
Ion Ratio Lower Upper

276 100

138 25.3 21.1 31.7

277 25.6 20.3 30.5

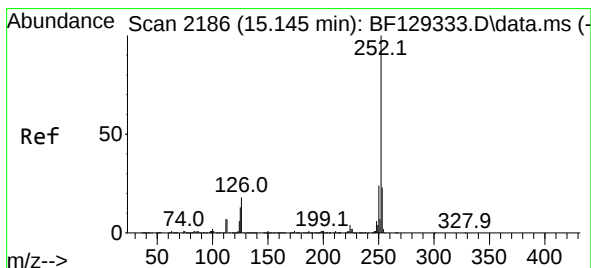
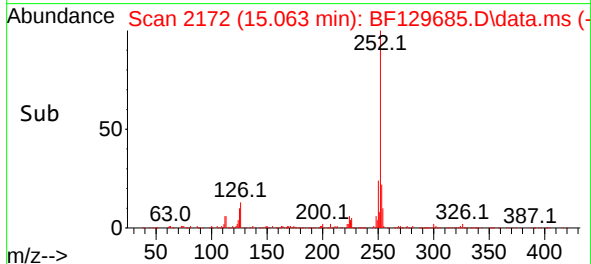
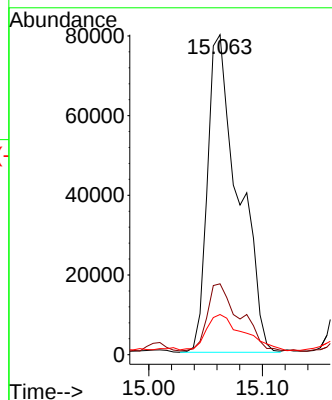
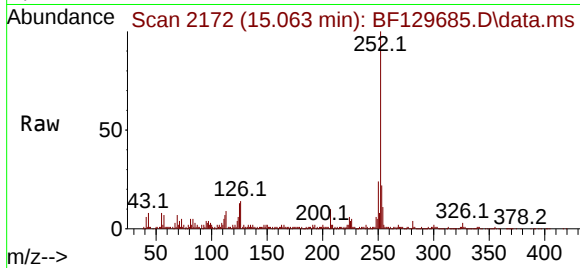




#88
Benzo(b)fluoranthene
Concen: 8.954 ng
RT: 15.063 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

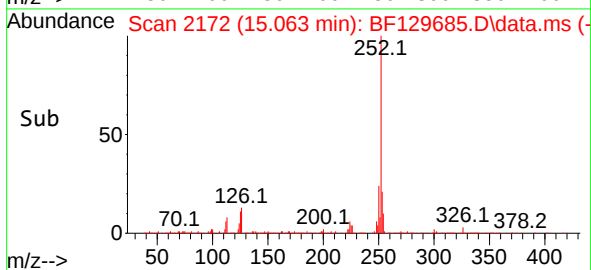
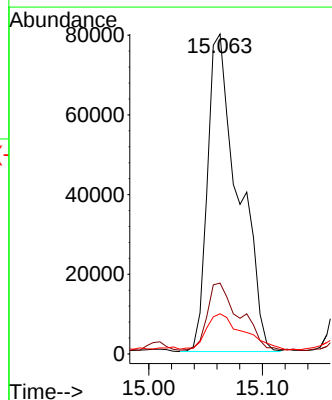
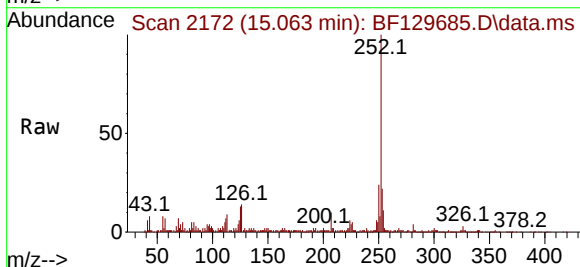
Instrument :
BNA_F
ClientSampleId :
RVE-193

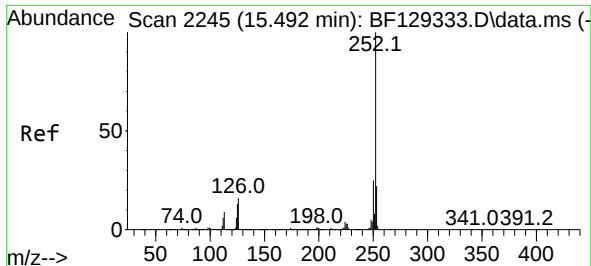
Tgt Ion:252 Resp: 150250
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.5 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 9.137 ng
RT: 15.063 min Scan# 2172
Delta R.T. -0.041 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion:252 Resp: 150250
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 12.5 8.3 12.5#

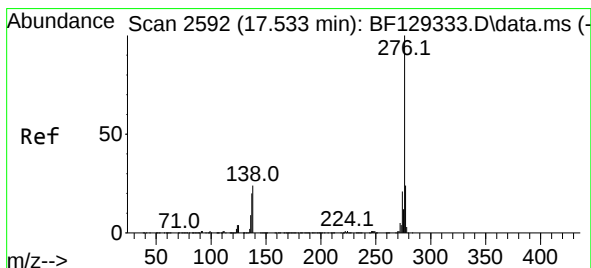
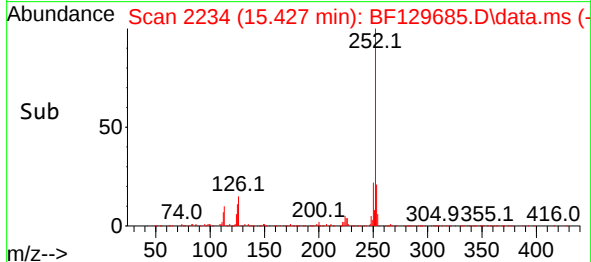
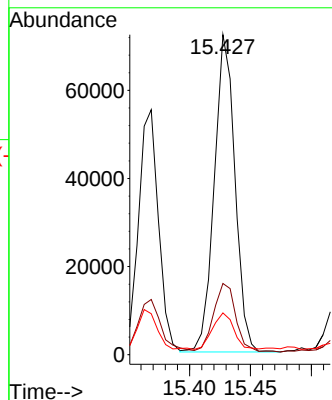
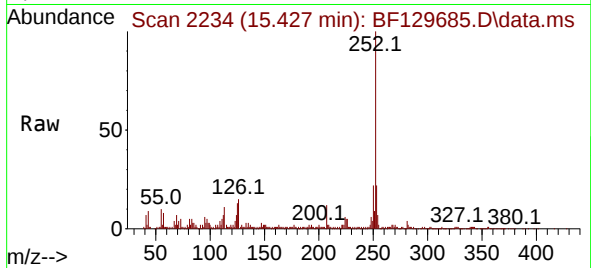




#90
Benzo(a)pyrene
Concen: 6.254 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Instrument :
BNA_F
ClientSampleId :
RVE-193

Tgt Ion:252 Resp: 85185
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.1 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 3.448 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.023 min
Lab File: BF129685.D
Acq: 10 Aug 2022 01:39

Tgt Ion:276 Resp: 48850
Ion Ratio Lower Upper
276 100
277 25.4 19.1 28.7
138 25.3 18.0 27.0

