

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129651.D
 Acq On : 09 Aug 2022 02:11
 Operator : CG\JU
 Sample : N3962-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-203

Quant Time: Aug 09 02:34:00 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)

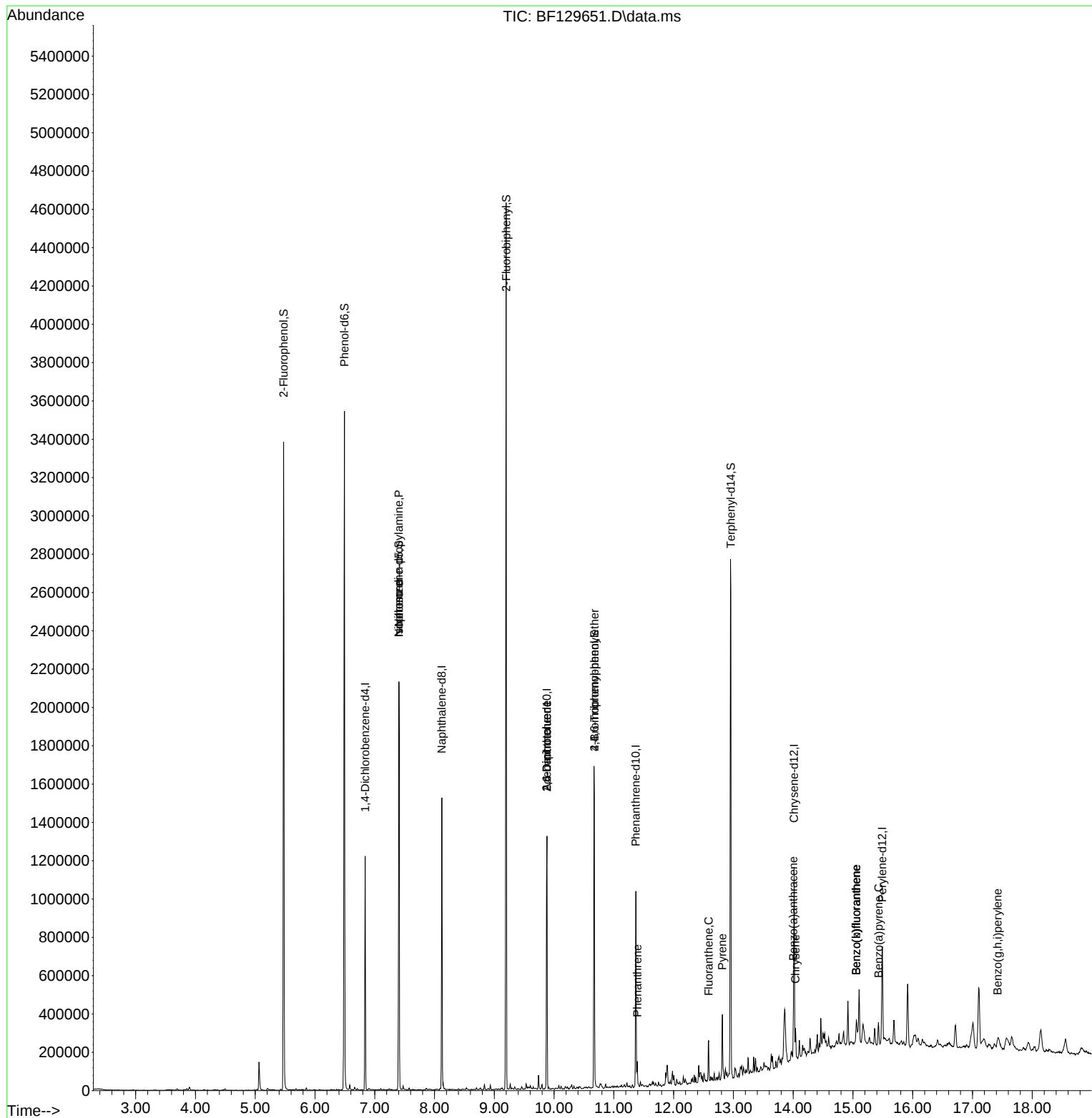
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	155628	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	583355	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	253008	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	327861	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	294370	20.000	ng	-0.01
86) Perylene-d12	15.492	264	210234	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	901934	94.408	ng	0.00
7) Phenol-d6	6.492	99	1102244	91.790	ng	-0.01
23) Nitrobenzene-d5	7.404	82	704391	65.915	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	193732	79.644	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1205569	73.711	ng	-0.01
79) Terphenyl-d14	12.957	244	918478	58.864	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	92966	12.788	ng	# 75
25) Isophorone	7.404	82	701348	36.614	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	32827	8.397	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	32827	6.428	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	12182	3.393	ng	# 1
71) Phenanthrene	11.392	178	41039	2.293	ng	98
75) Fluoranthene	12.586	202	79181	4.366	ng	98
78) Pyrene	12.816	202	123968	5.036	ng	98
81) Benzo(a)anthracene	14.004	228	61411	3.054	ng	92
83) Chrysene	14.039	228	63699	3.361	ng	97
88) Benzo(b)fluoranthene	15.057	252	76702	5.500	ng	# 96
89) Benzo(k)fluoranthene	15.057	252	76702	5.613	ng	# 96
90) Benzo(a)pyrene	15.427	252	44236	3.908	ng	# 89
92) Benzo(g,h,i)perylene	17.421	276	33462	2.842	ng	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129651.D
Acq On : 09 Aug 2022 02:11
Operator : CG\JU
Sample : N3962-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-203

Quant Time: Aug 09 02:34:00 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

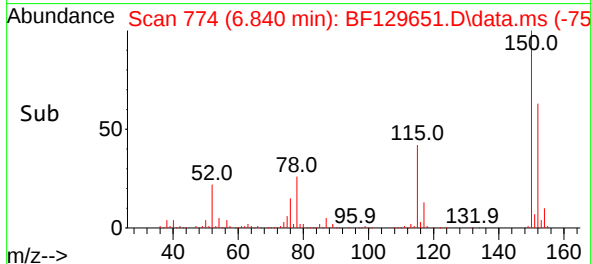
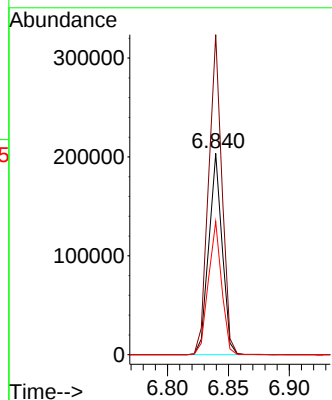
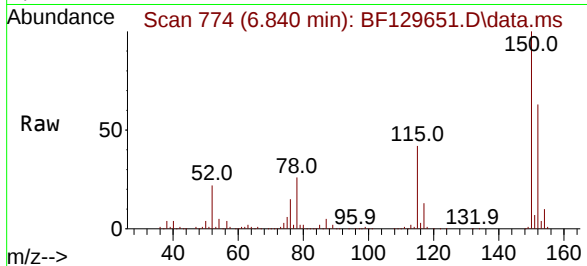




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

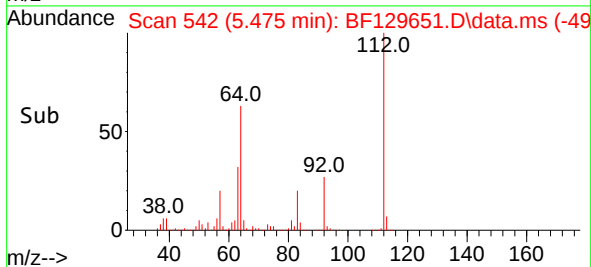
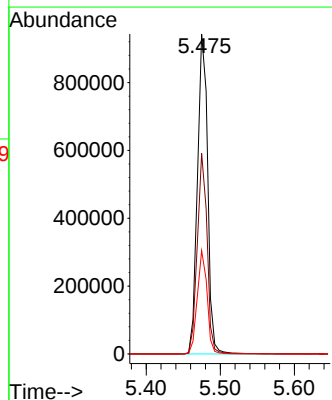
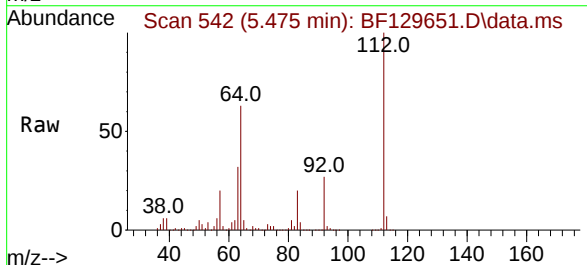
Instrument :
BNA_F
ClientSampleId :
RVE-203

Tgt Ion:152 Resp: 155628
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 66.1 49.9 74.9



#5
2-Fluorophenol
Concen: 94.408 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion:112 Resp: 901934
Ion Ratio Lower Upper
112 100
64 62.7 53.3 79.9
63 32.3 28.0 42.0



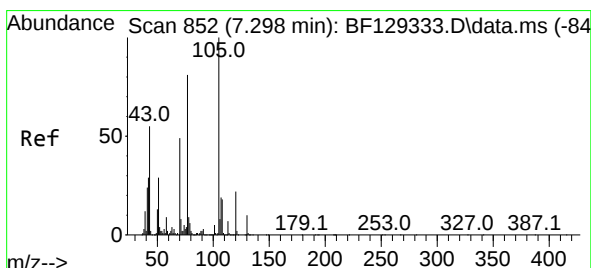
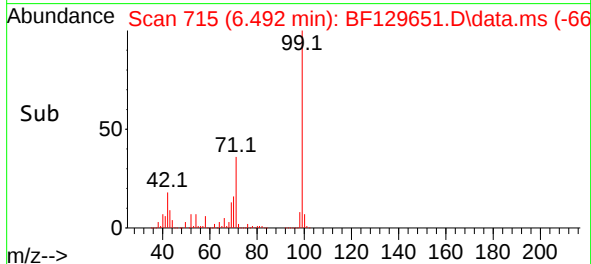
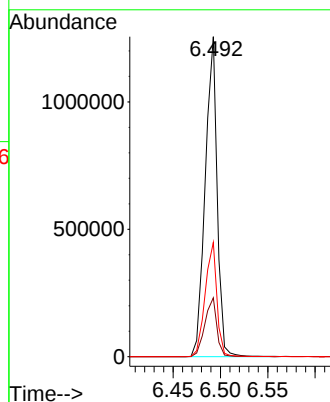
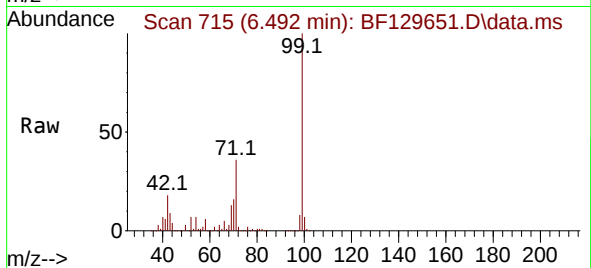


#7
Phenol-d6
Concen: 91.790 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Instrument :
BNA_F
ClientSampleId :
RVE-203

Tgt Ion: 99 Resp: 1102244

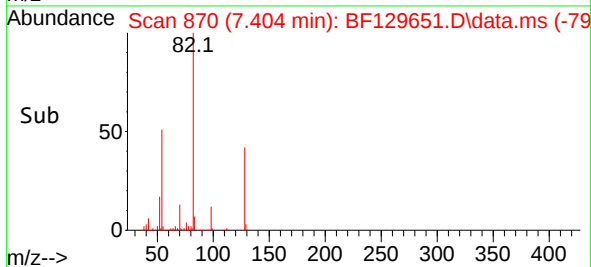
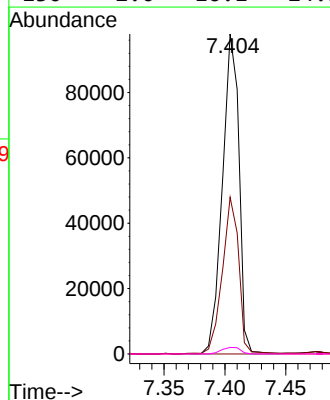
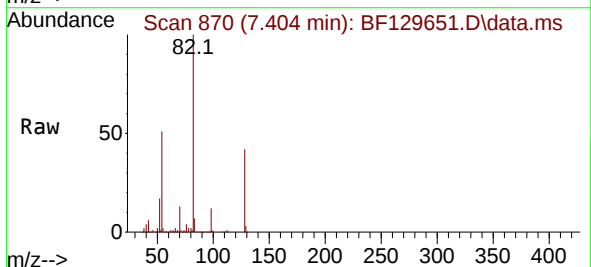
Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.3	25.9
71	35.7	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.788 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion: 70 Resp: 92966

Ion	Ratio	Lower	Upper
70	100		
42	48.9	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#



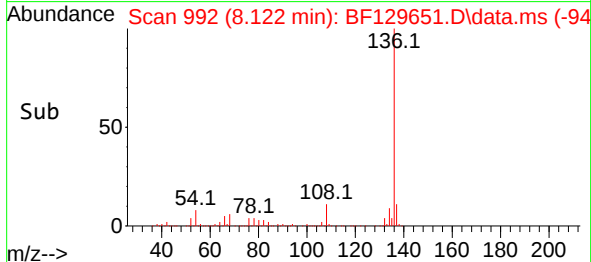
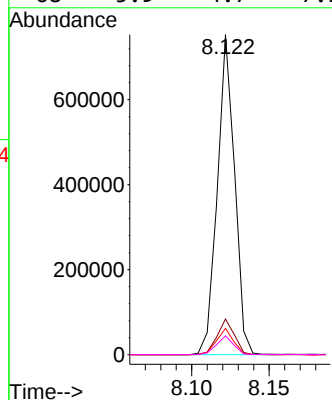
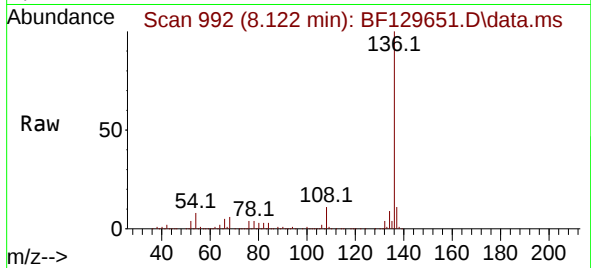


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Instrument :
BNA_F
ClientSampleId :
RVE-203

Tgt Ion:136 Resp: 583355

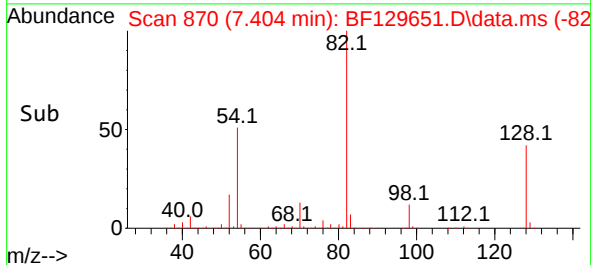
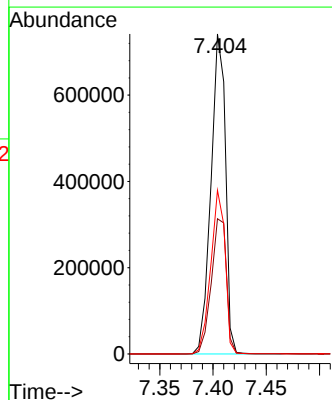
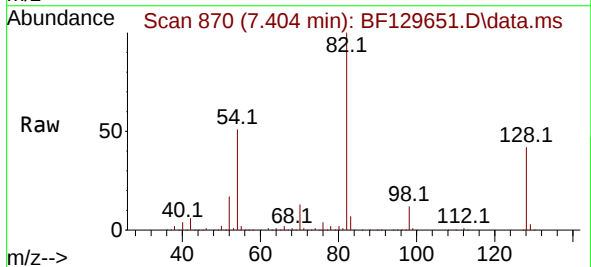
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.2	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 65.915 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion: 82 Resp: 704391

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.0	51.0
54	51.2	46.9	70.3

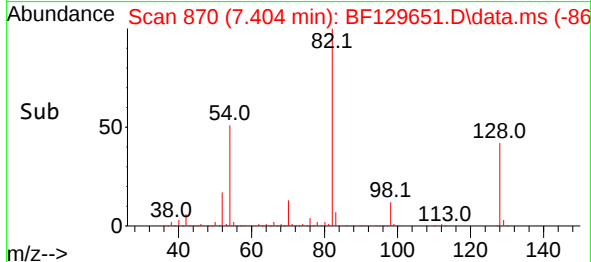
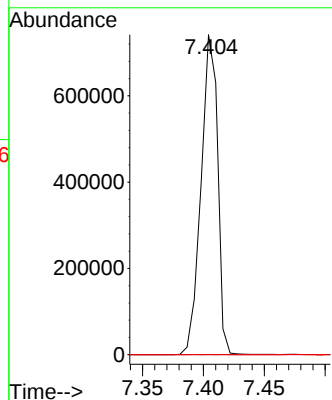
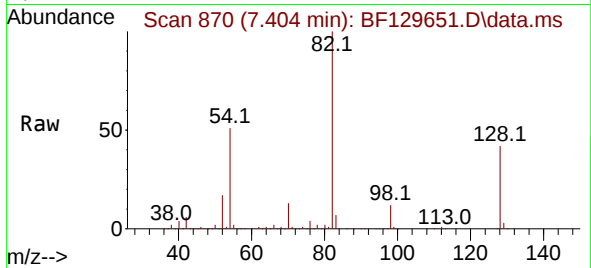




#25
Isophorone
Concen: 36.614 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

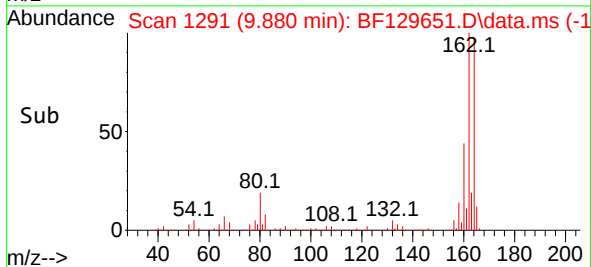
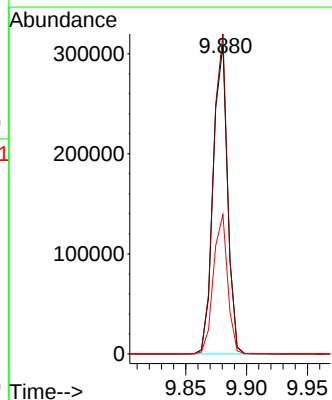
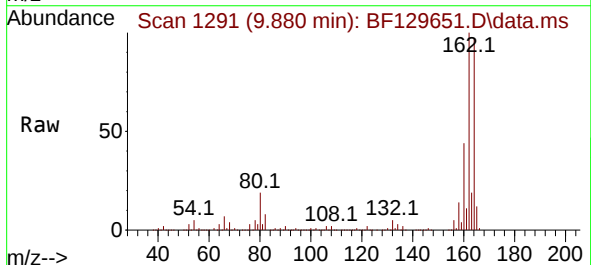
Instrument :
BNA_F
ClientSampleId :
RVE-203

Tgt Ion: 82 Resp: 701348
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: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion: 164 Resp: 253008
Ion Ratio Lower Upper
164 100
162 103.5 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 79.644 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129651.D

Acq: 09 Aug 2022 02:11

Instrument :

BNA_F

ClientSampleId :

RVE-203

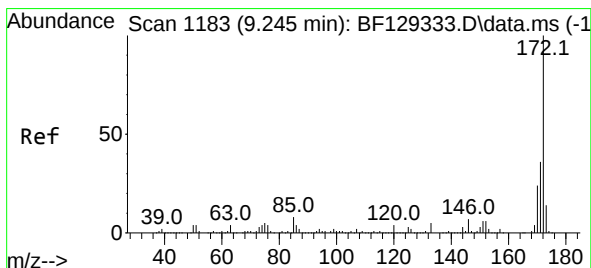
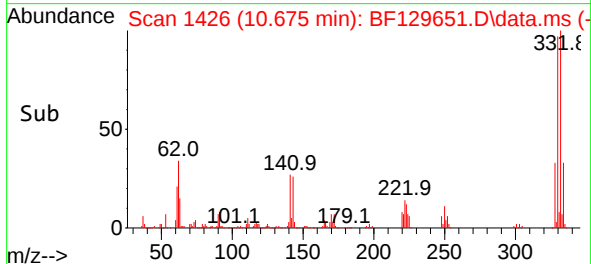
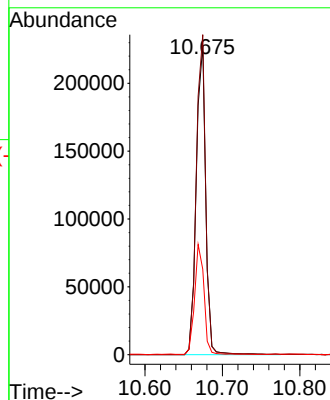
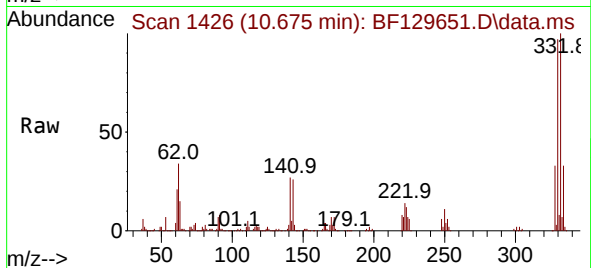
Tgt Ion:330 Resp: 193732

Ion Ratio Lower Upper

330 100

332 102.0 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 73.711 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129651.D

Acq: 09 Aug 2022 02:11

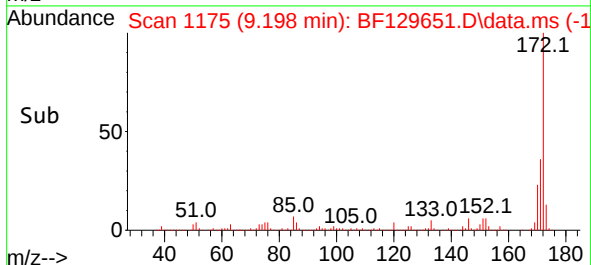
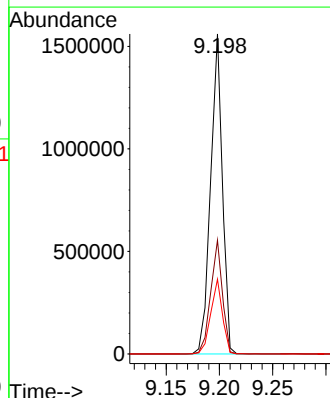
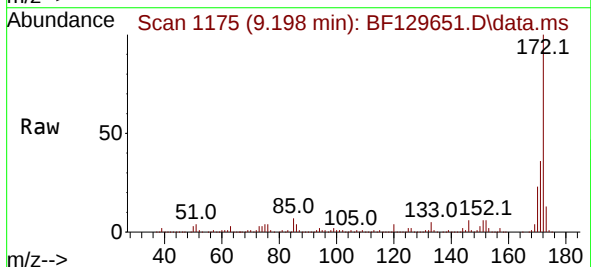
Tgt Ion:172 Resp: 1205569

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.397 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF129651.D

Acq: 09 Aug 2022 02:11

Instrument :

BNA_F

ClientSampleId :

RVE-203

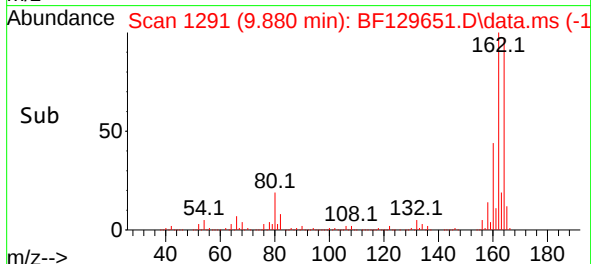
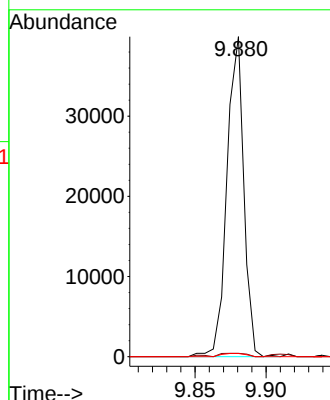
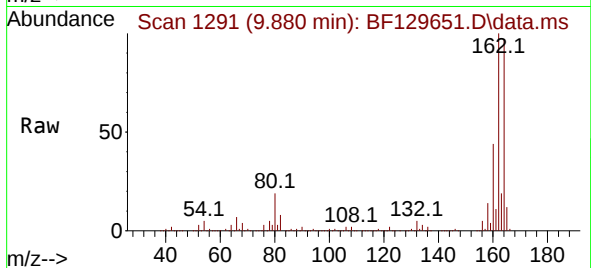
Tgt Ion:165 Resp: 32827

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.428 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129651.D

Acq: 09 Aug 2022 02:11

Tgt Ion:165 Resp: 32827

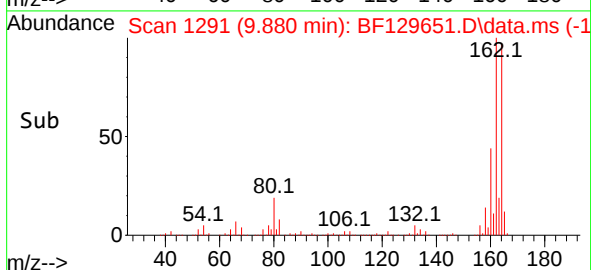
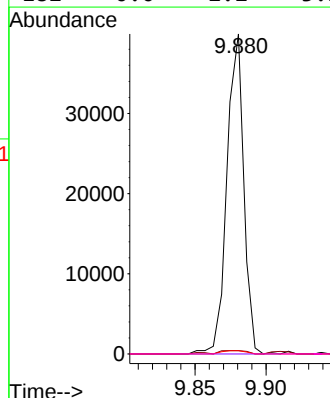
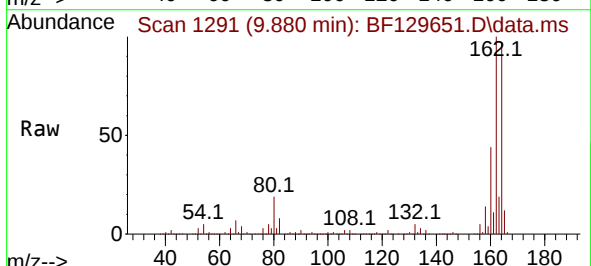
Ion Ratio Lower Upper

165 100

63 1.1 39.8 59.6#

89 1.0 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: BF129651.D

Acq: 09 Aug 2022 02:11

Instrument :

BNA_F

ClientSampleId :

RVE-203

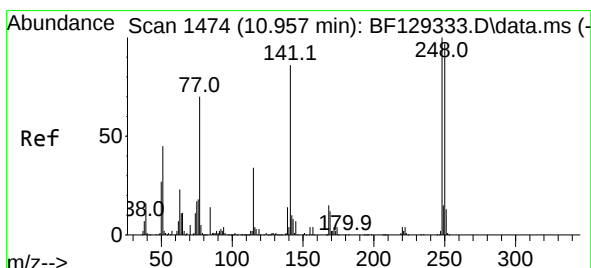
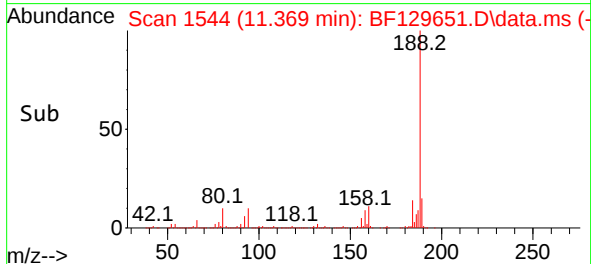
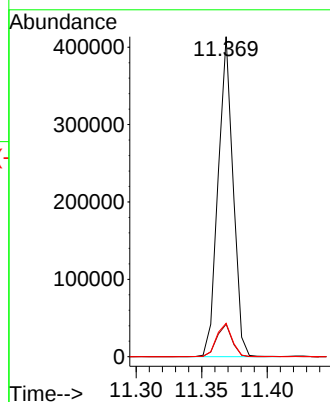
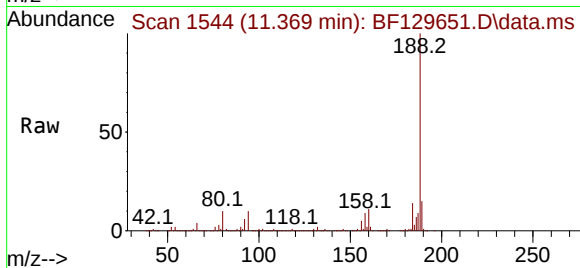
Tgt Ion:188 Resp: 327861

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.393 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.247 min

Lab File: BF129651.D

Acq: 09 Aug 2022 02:11

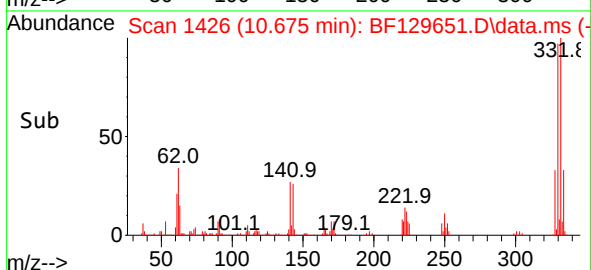
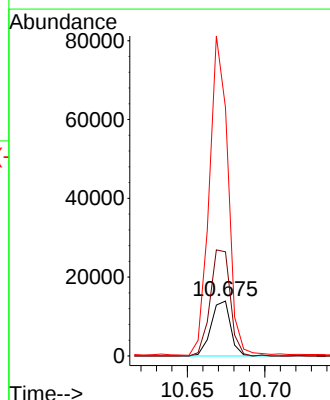
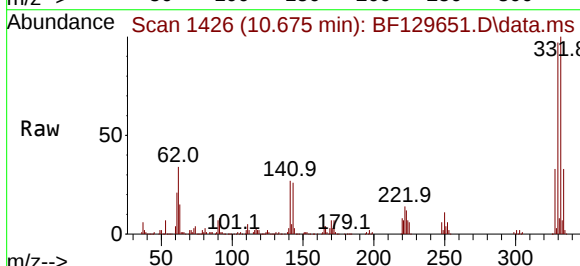
Tgt Ion:248 Resp: 12182

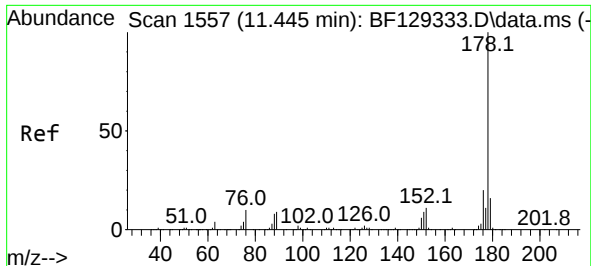
Ion Ratio Lower Upper

248 100

250 190.0 80.6 120.8#

141 453.0 58.9 88.3#

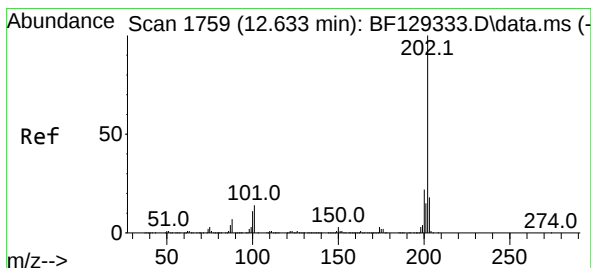
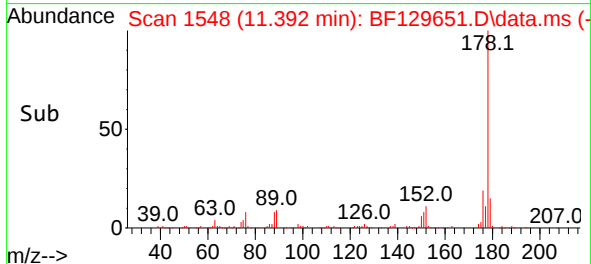
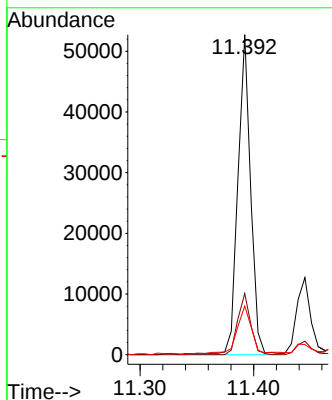
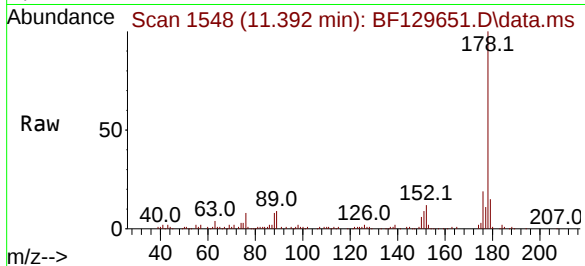




#71
Phenanthrene
Concen: 2.293 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

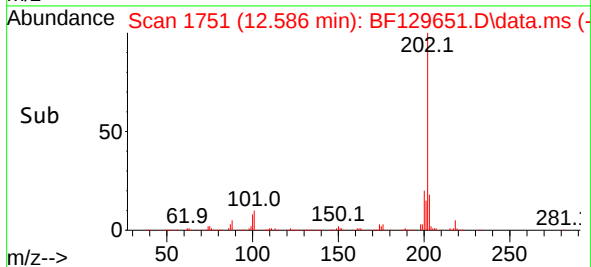
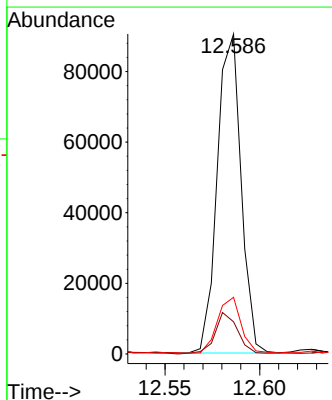
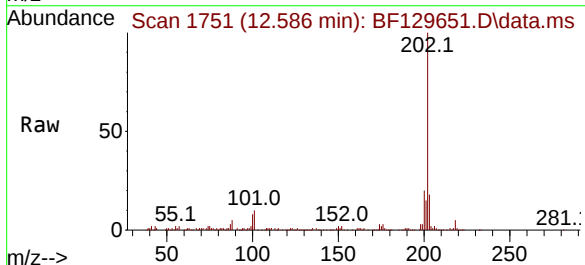
Instrument :
BNA_F
ClientSampleId :
RVE-203

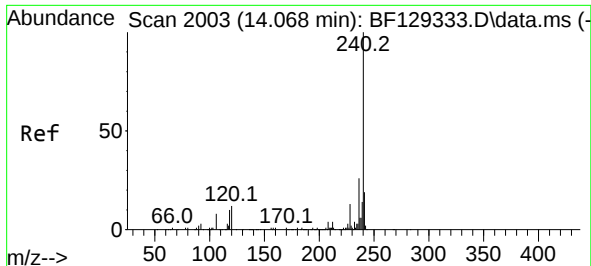
Tgt Ion:178 Resp: 41039
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.2 12.6 19.0



#75
Fluoranthene
Concen: 4.366 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion:202 Resp: 79181
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 17.7 0.0 38.0

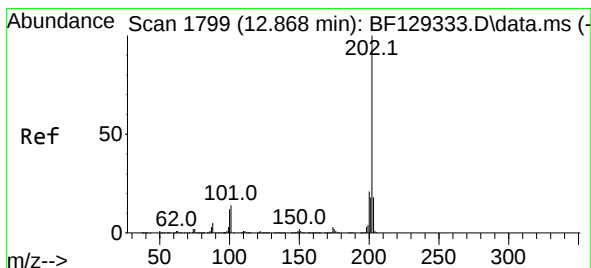
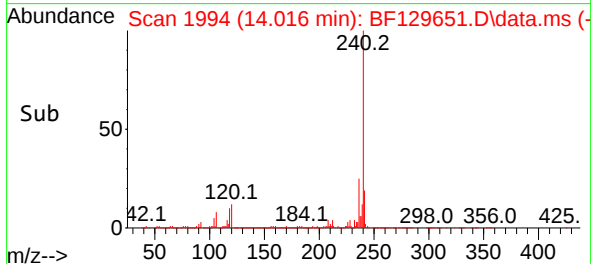
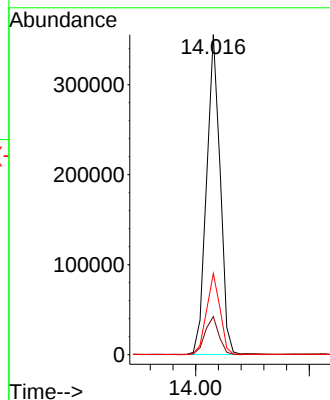
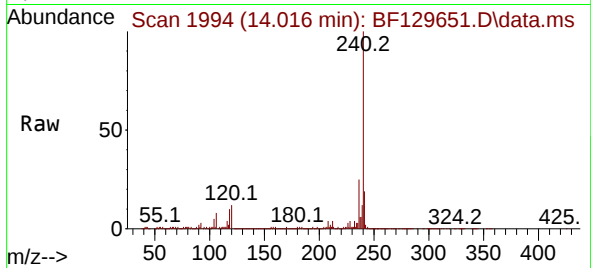




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

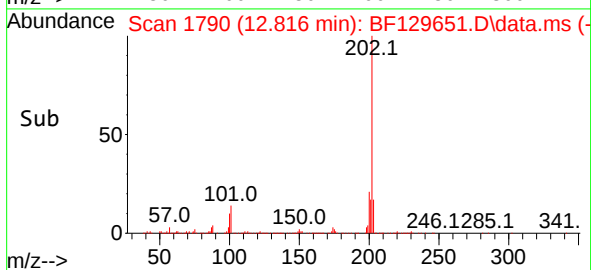
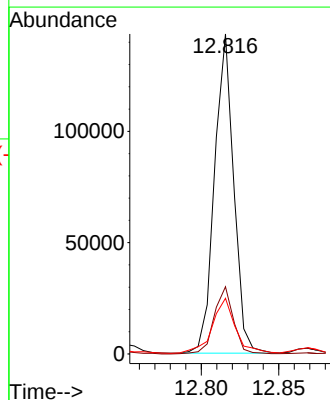
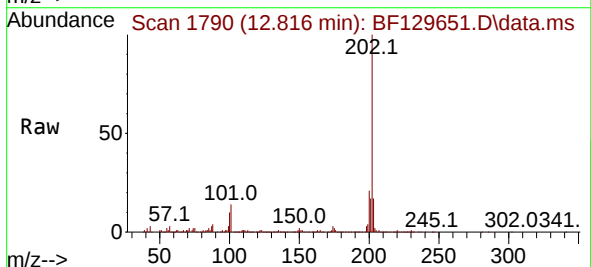
Instrument :
BNA_F
ClientSampleId :
RVE-203

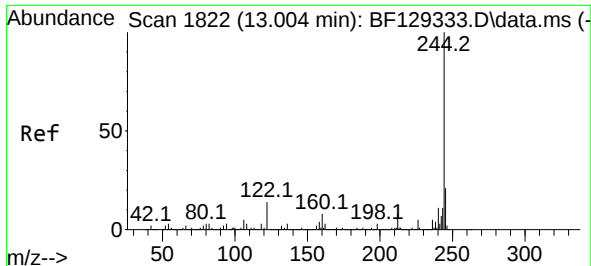
Tgt Ion:240 Resp: 294370
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.4 20.8 31.2



#78
Pyrene
Concen: 5.036 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion:202 Resp: 123968
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 17.4 14.6 21.8

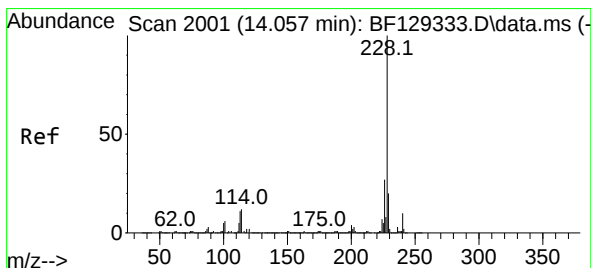
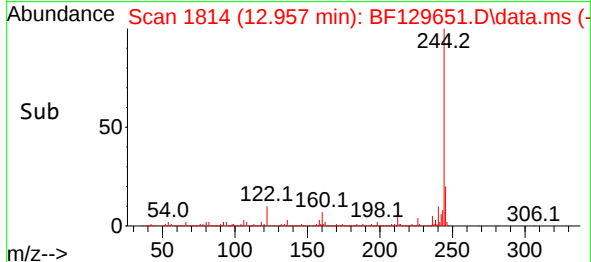
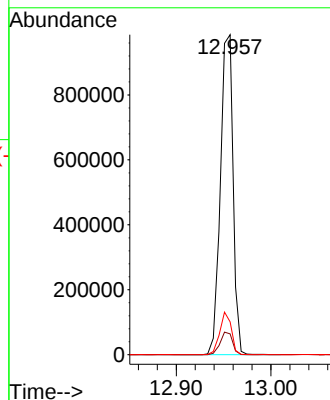
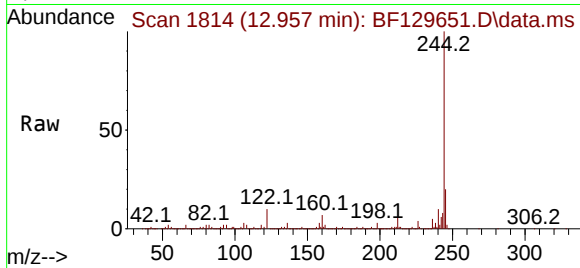




#79
 Terphenyl-d14
 Concen: 58.864 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129651.D
 Acq: 09 Aug 2022 02:11

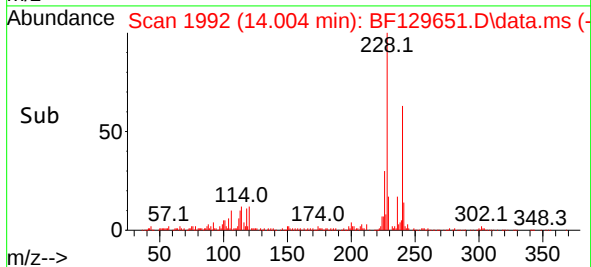
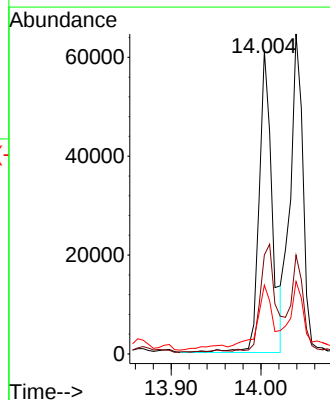
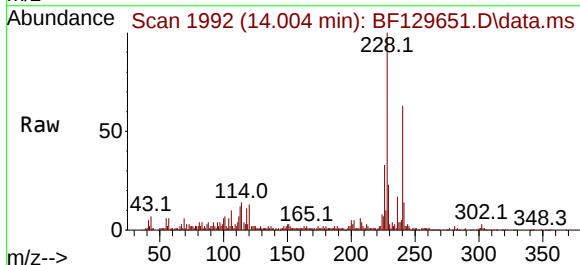
Instrument :
 BNA_F
 ClientSampleId :
 RVE-203

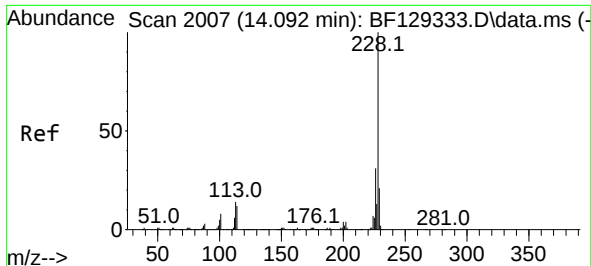
Tgt Ion:244 Resp: 918478
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.1 9.1
 122 10.3 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 3.054 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129651.D
 Acq: 09 Aug 2022 02:11

Tgt Ion:228 Resp: 61411
 Ion Ratio Lower Upper
 228 100
 226 32.7 22.1 33.1
 229 22.7 15.8 23.8

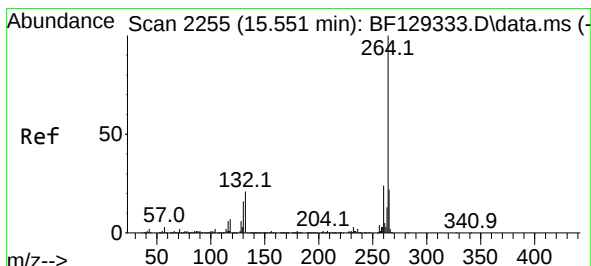
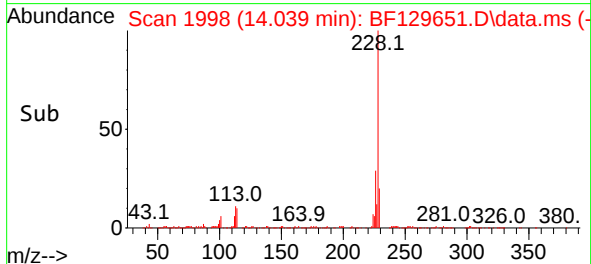
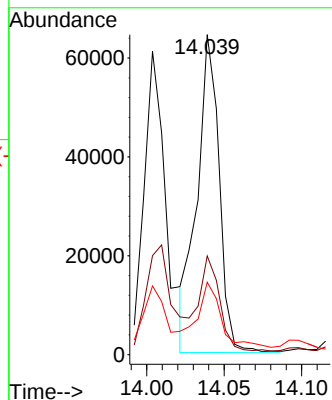
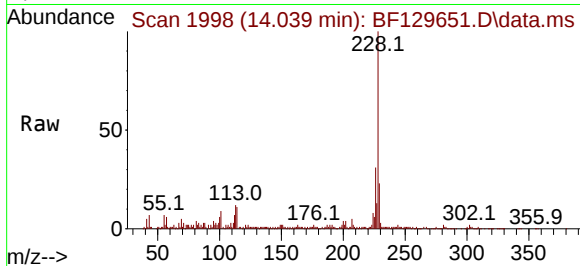




#83
Chrysene
Concen: 3.361 ng
RT: 14.039 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

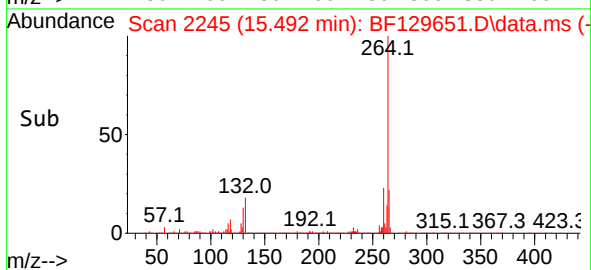
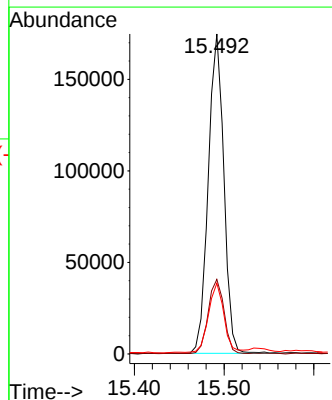
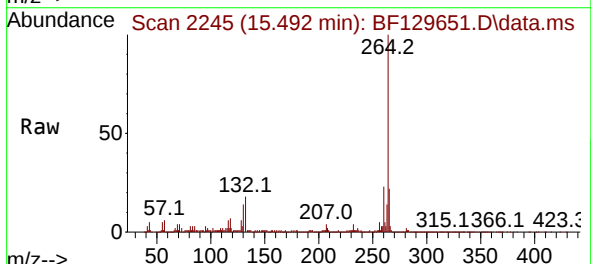
Instrument :
BNA_F
ClientSampleId :
RVE-203

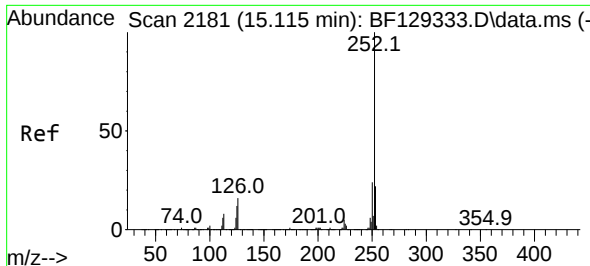
Tgt Ion:228 Resp: 63699
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.7 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion:264 Resp: 210234
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 22.1 17.2 25.8

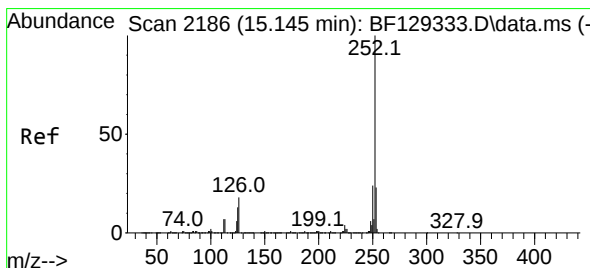
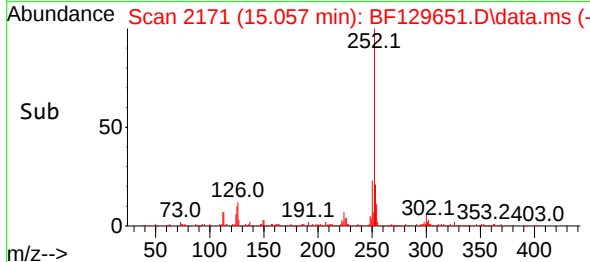
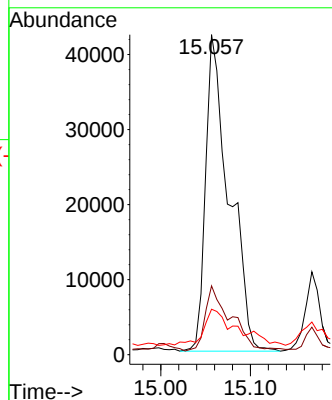
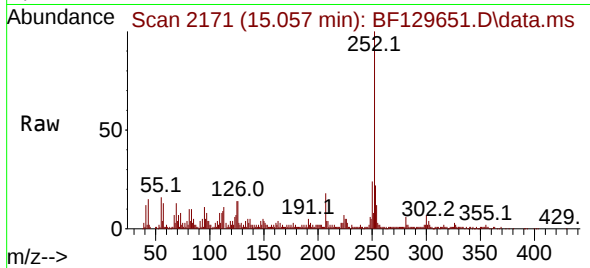




#88
Benzo(b)fluoranthene
Concen: 5.500 ng
RT: 15.057 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

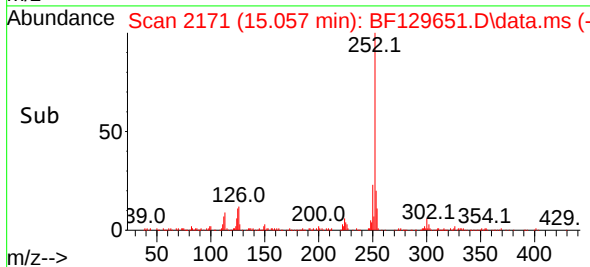
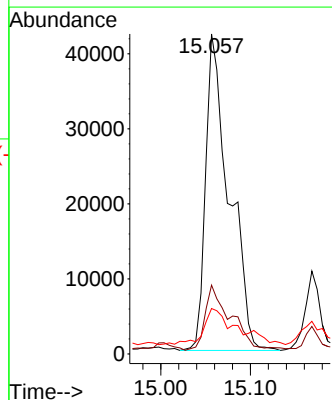
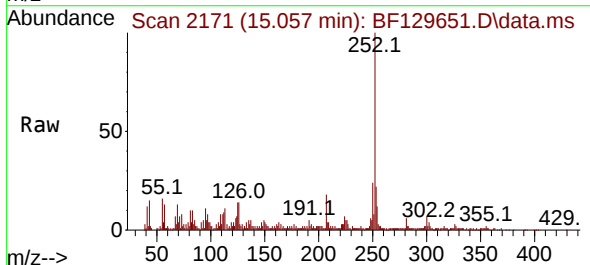
Instrument :
BNA_F
ClientSampleId :
RVE-203

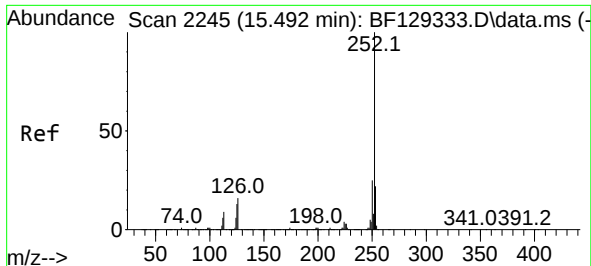
Tgt Ion:252 Resp: 76702
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 14.2 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 5.613 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.047 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion:252 Resp: 76702
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 14.2 8.3 12.5#

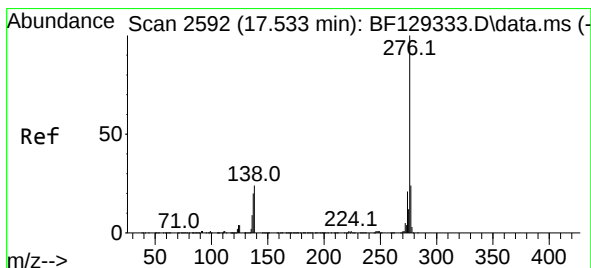
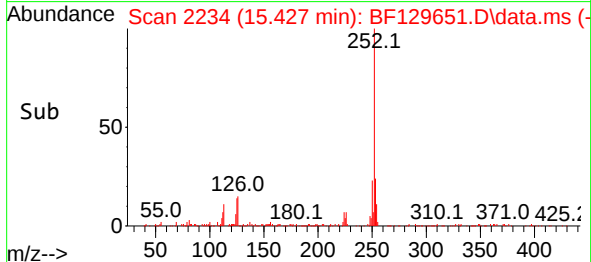
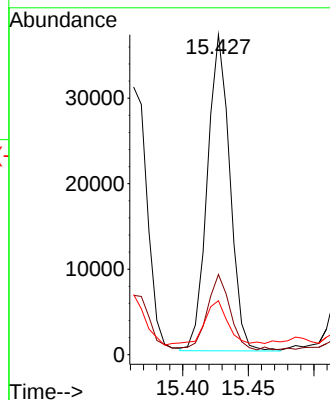
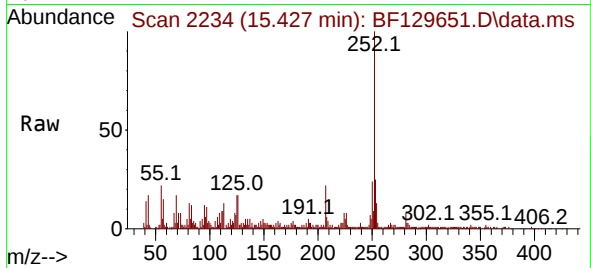




#90
Benzo(a)pyrene
Concen: 3.908 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Instrument :
BNA_F
ClientSampleId :
RVE-203

Tgt Ion:252 Resp: 44236
Ion Ratio Lower Upper
252 100
253 25.1 17.0 25.6
125 16.9 8.8 13.2#



#92
Benzo(g,h,i)perylene
Concen: 2.842 ng
RT: 17.421 min Scan# 2573
Delta R.T. -0.029 min
Lab File: BF129651.D
Acq: 09 Aug 2022 02:11

Tgt Ion:276 Resp: 33462
Ion Ratio Lower Upper
276 100
277 26.7 19.1 28.7
138 25.4 18.0 27.0

