

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129681.D
 Acq On : 09 Aug 2022 23:25
 Operator : CG\JU
 Sample : N3962-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-191

Quant Time: Aug 10 05:36:34 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)

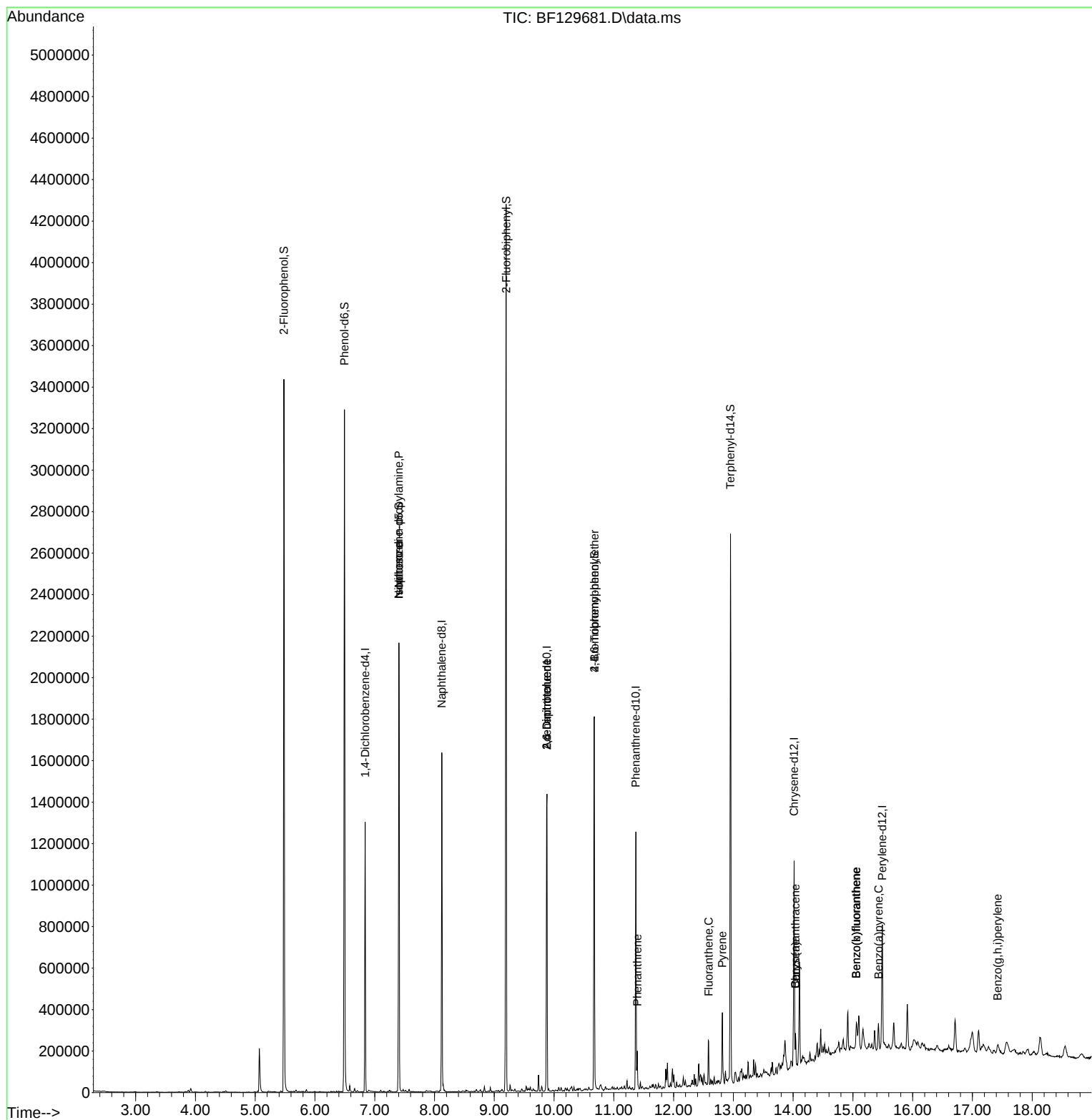
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	173398	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	657808	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	301411	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	404380	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	292609	20.000	ng	-0.01
86) Perylene-d12	15.492	264	264528	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	915383	85.996	ng	0.00
7) Phenol-d6	6.493	99	1107170	82.752	ng	-0.01
23) Nitrobenzene-d5	7.404	82	704485	58.462	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	217332	74.998	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1203698	61.778	ng	-0.01
79) Terphenyl-d14	12.951	244	859868	55.440	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	94292	11.641	ng	# 73
25) Isophorone	7.404	82	700691	32.439	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	39190	8.415	ng	# 25
57) 2,4-Dinitrotoluene	9.881	165	39190	6.442	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	14142	3.194	ng	# 1
71) Phenanthrene	11.392	178	58127	2.633	ng	98
75) Fluoranthene	12.586	202	81246	3.633	ng	97
78) Pyrene	12.816	202	124019	5.068	ng	96
81) Benzo(a)anthracene	14.039	228	60440	3.024	ng	96
83) Chrysene	14.039	228	60440	3.208	ng	99
88) Benzo(b)fluoranthene	15.057	252	84106	4.793	ng	# 96
89) Benzo(k)fluoranthene	15.057	252	84106	4.891	ng	# 96
90) Benzo(a)pyrene	15.427	252	50971	3.578	ng	# 95
92) Benzo(g,h,i)perylene	17.421	276	32979	2.226	ng	97

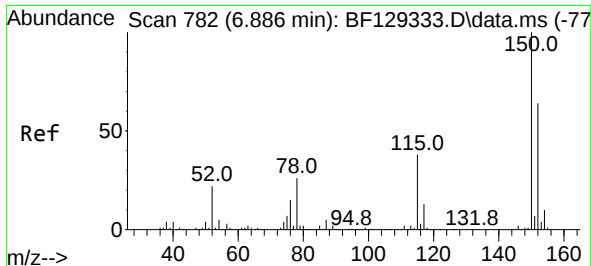
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129681.D
Acq On : 09 Aug 2022 23:25
Operator : CG\JU
Sample : N3962-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-191

Quant Time: Aug 10 05:36:34 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

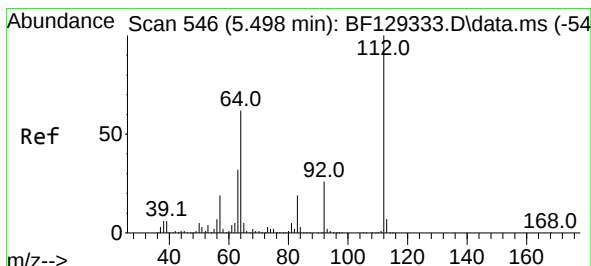
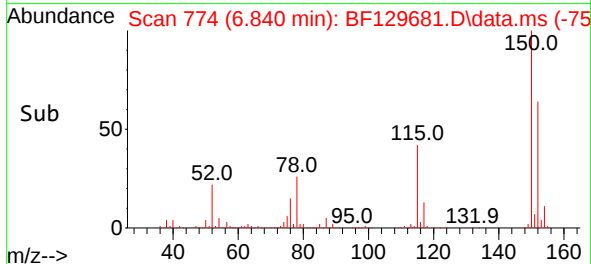
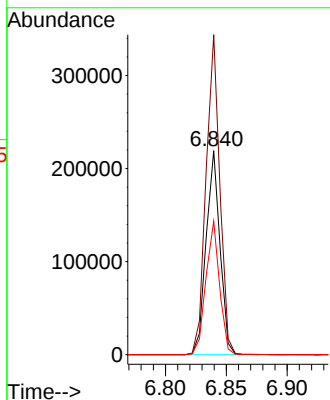
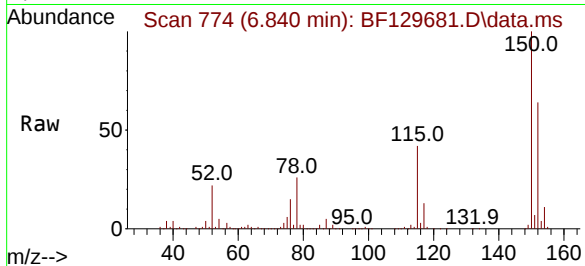




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

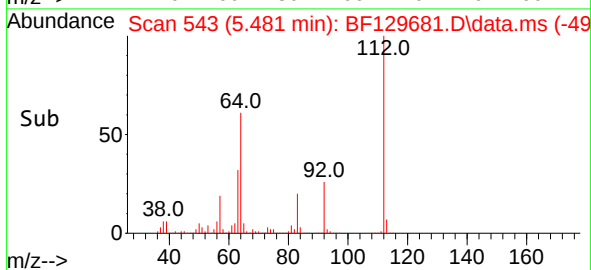
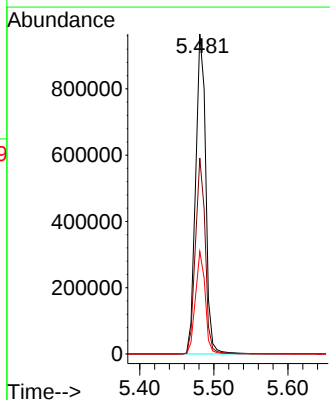
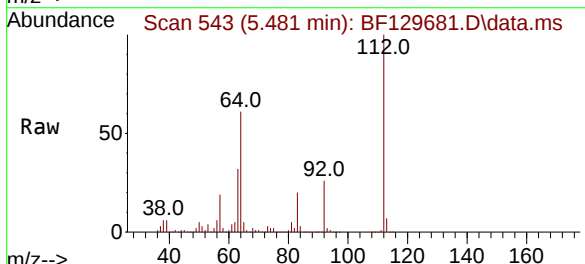
Instrument :
BNA_F
ClientSampleId :
RVE-191

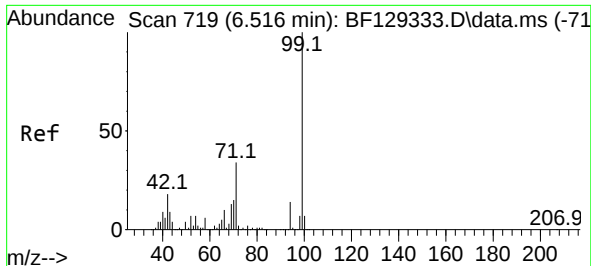
Tgt Ion:152 Resp: 173398
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 85.996 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion:112 Resp: 915383
Ion Ratio Lower Upper
112 100
64 61.2 53.3 79.9
63 32.0 28.0 42.0

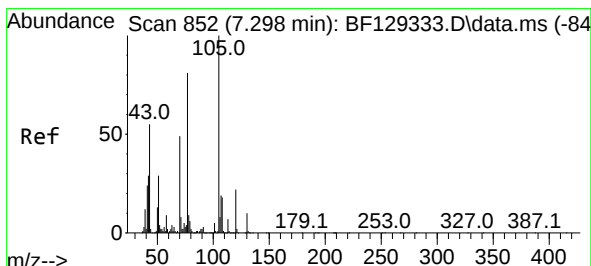
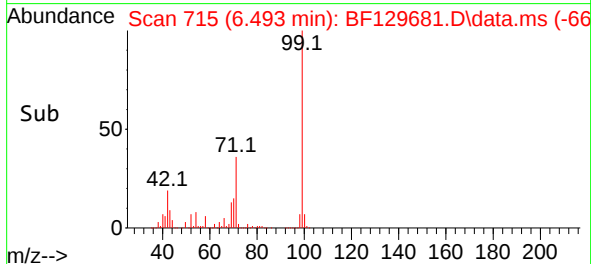
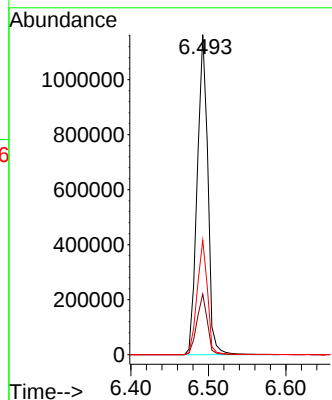
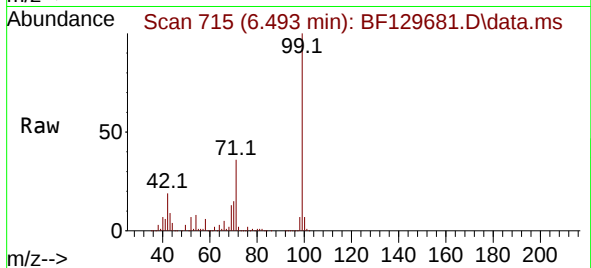




#7
Phenol-d6
Concen: 82.752 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

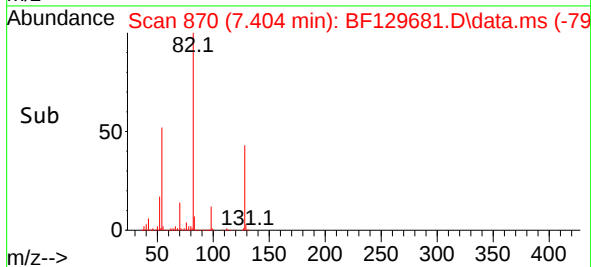
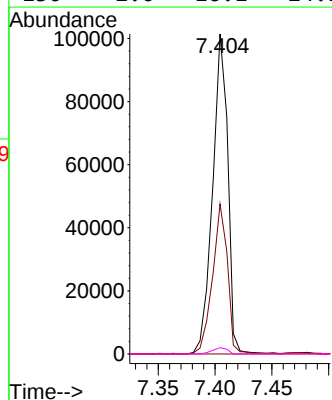
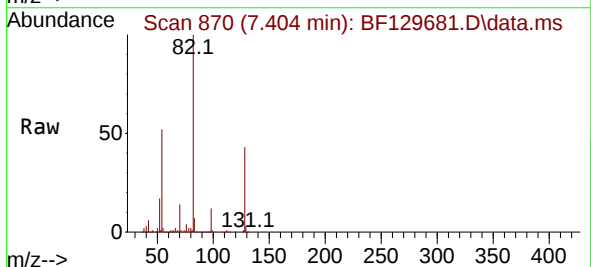
Instrument :
BNA_F
ClientSampleId :
RVE-191

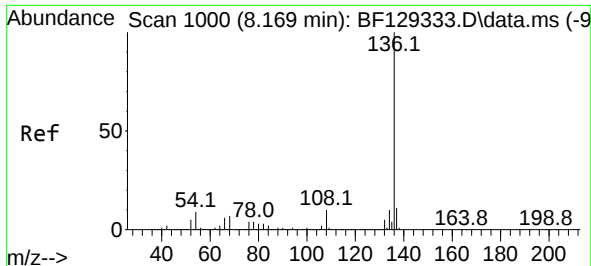
Tgt Ion: 99 Resp: 1107170
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 35.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.641 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion: 70 Resp: 94292
Ion Ratio Lower Upper
70 100
42 46.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

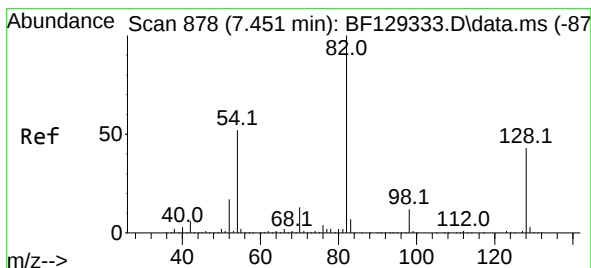
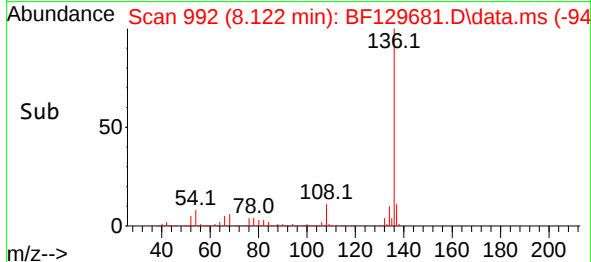
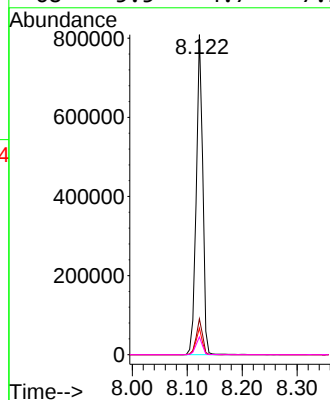
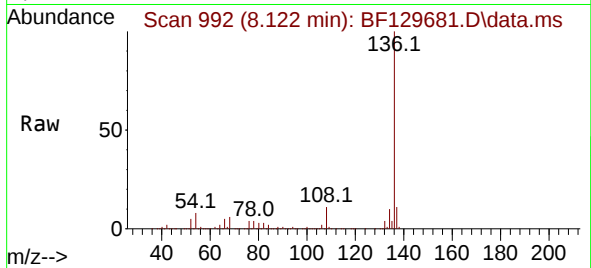




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

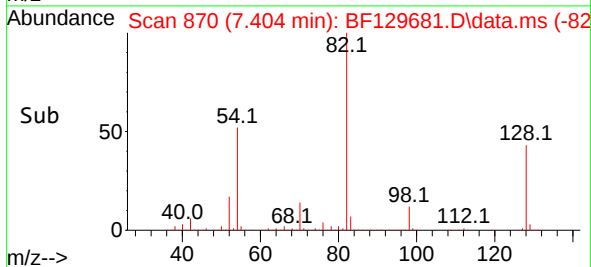
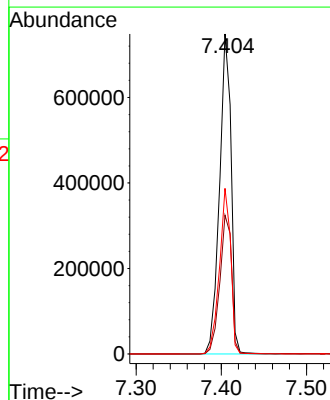
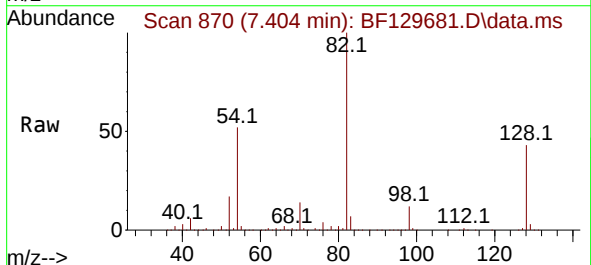
Instrument :
BNA_F
ClientSampleId :
RVE-191

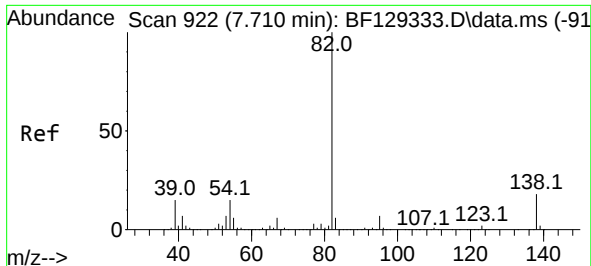
Tgt Ion:136 Resp: 657808
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 7.5 11.3
68 5.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 58.462 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion: 82 Resp: 704485
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 51.8 46.9 70.3

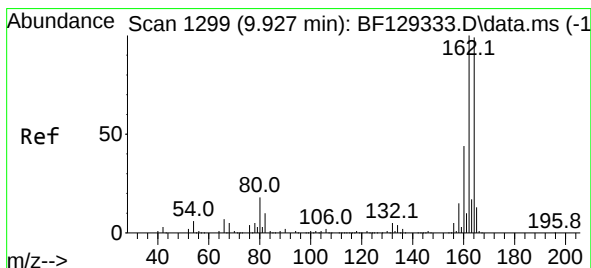
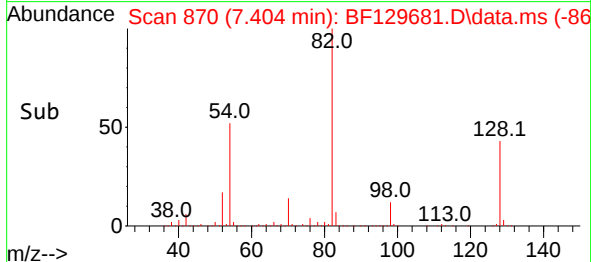
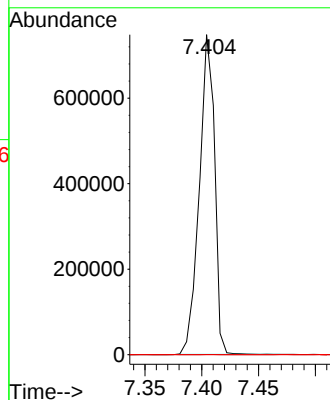
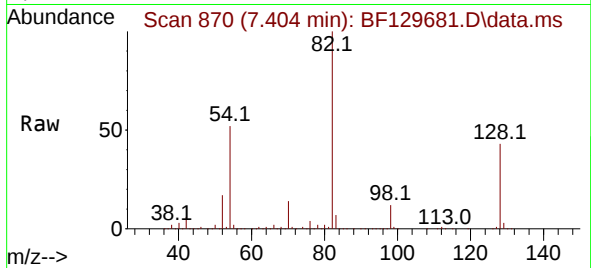




#25
Isophorone
Concen: 32.439 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

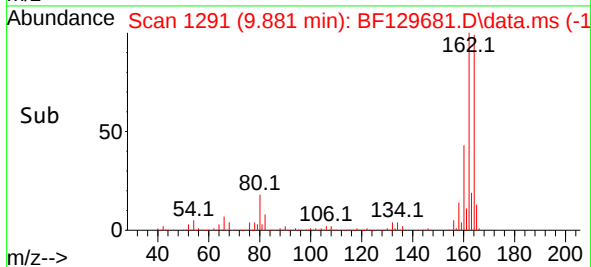
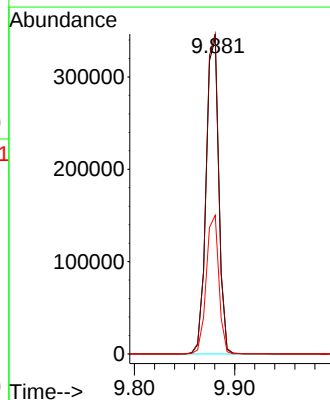
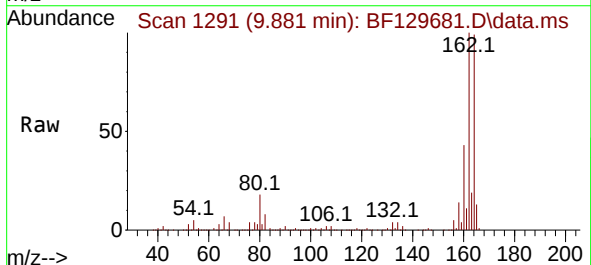
Instrument :
BNA_F
ClientSampleId :
RVE-191

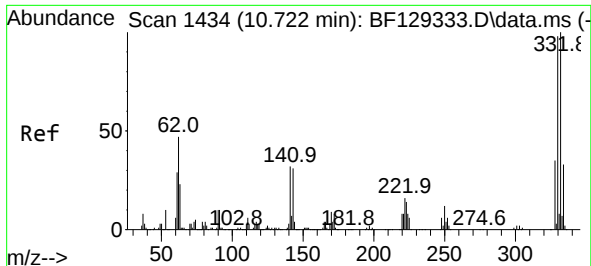
Tgt Ion: 82 Resp: 700691
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion: 164 Resp: 301411
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 74.998 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129681.D

Acq: 09 Aug 2022 23:25

Instrument :

BNA_F

ClientSampleId :

RVE-191

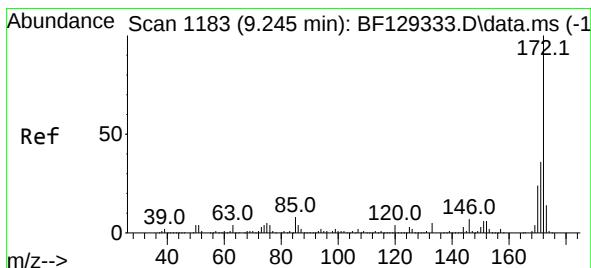
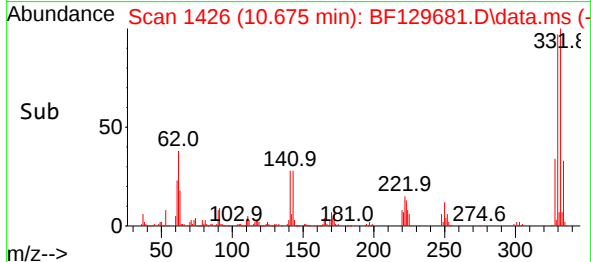
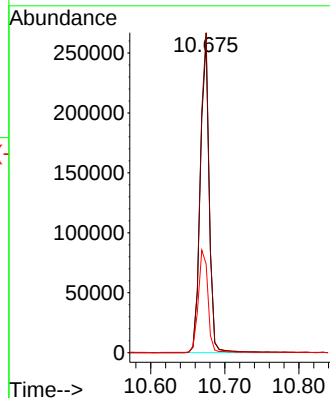
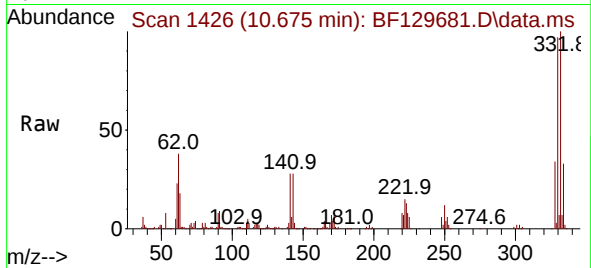
Tgt Ion:330 Resp: 217332

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 35.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 61.778 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129681.D

Acq: 09 Aug 2022 23:25

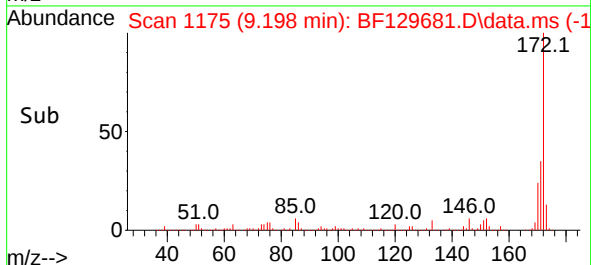
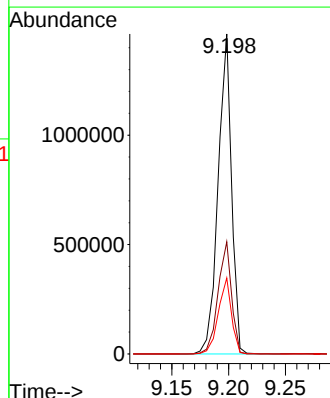
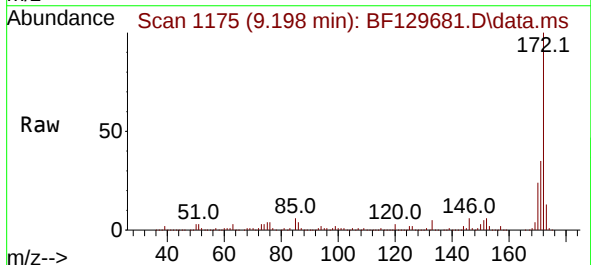
Tgt Ion:172 Resp: 1203698

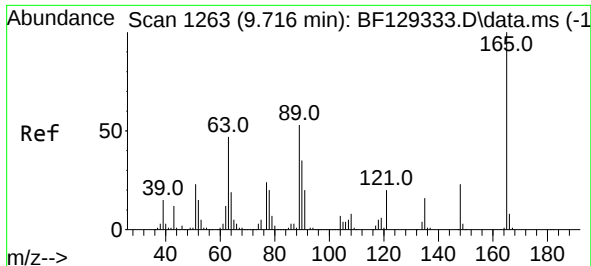
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.415 ng

RT: 9.881 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129681.D

Acq: 09 Aug 2022 23:25

Instrument :

BNA_F

ClientSampleId :

RVE-191

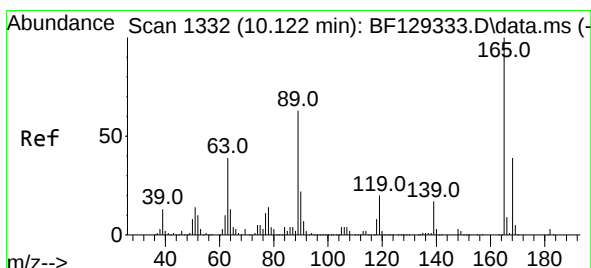
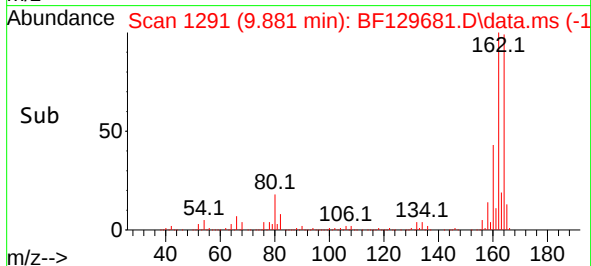
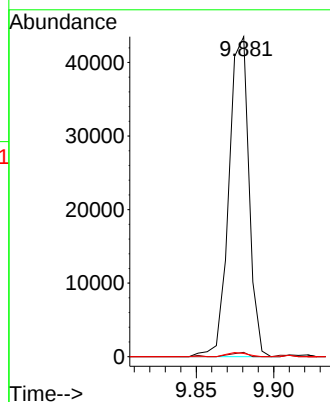
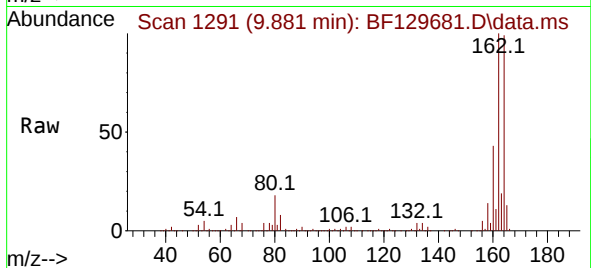
Tgt Ion:165 Resp: 39190

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.442 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129681.D

Acq: 09 Aug 2022 23:25

Tgt Ion:165 Resp: 39190

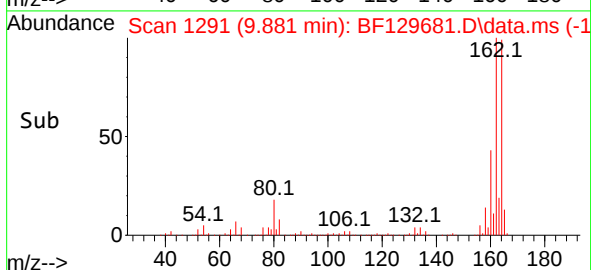
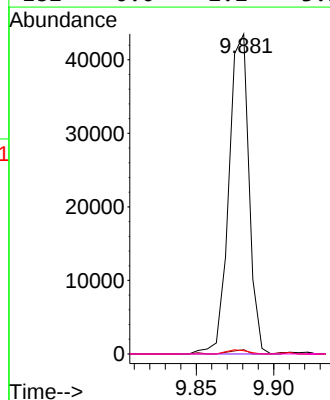
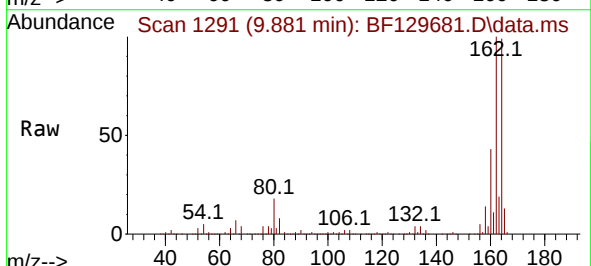
Ion Ratio Lower Upper

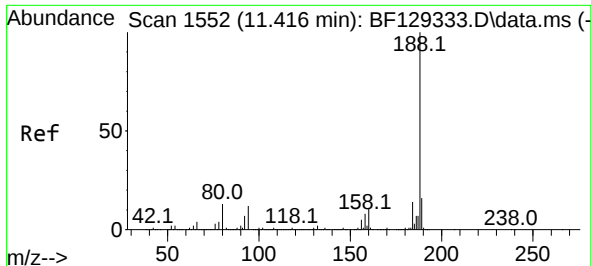
165 100

63 1.4 39.8 59.6#

89 1.0 60.2 90.2#

182 0.0 2.2 3.2#

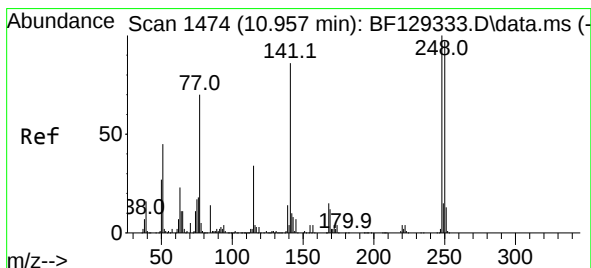
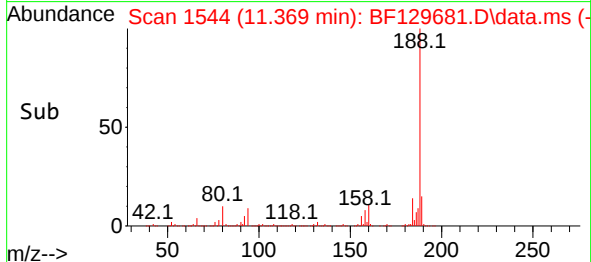
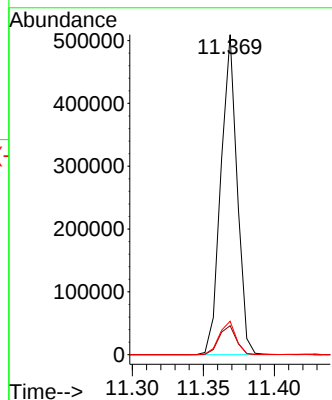
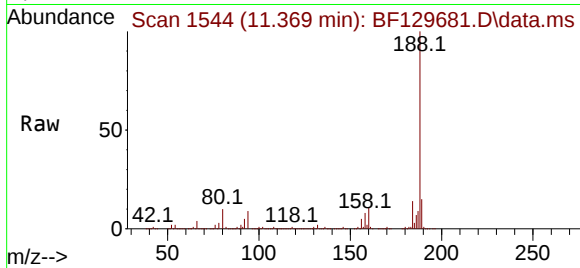




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

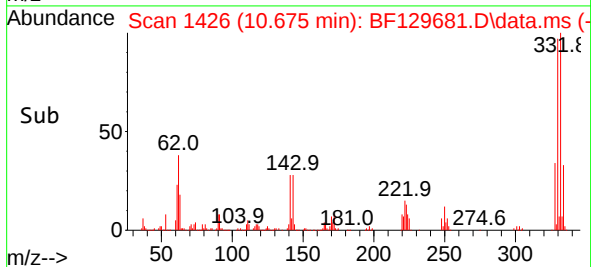
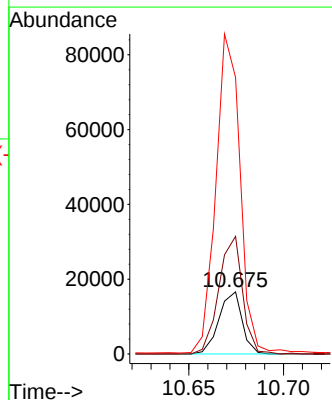
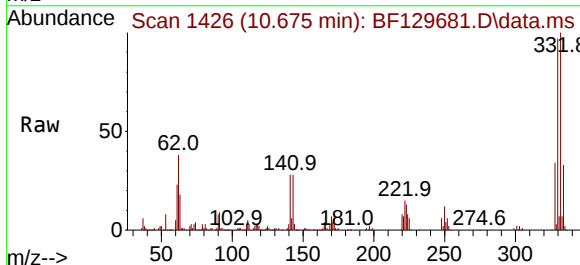
Instrument :
BNA_F
ClientSampleId :
RVE-191

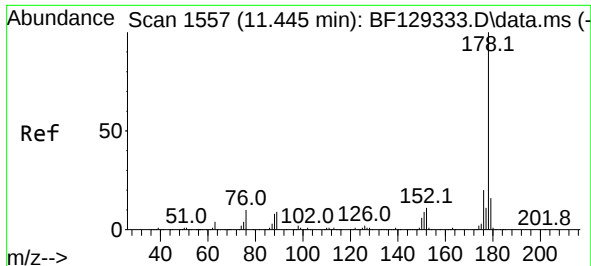
Tgt Ion:188 Resp: 404380
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.194 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion:248 Resp: 14142
Ion Ratio Lower Upper
248 100
250 189.3 80.6 120.8#
141 445.3 58.9 88.3#

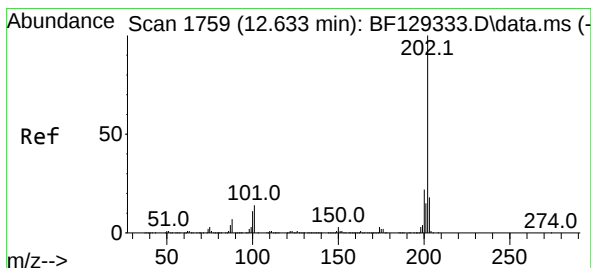
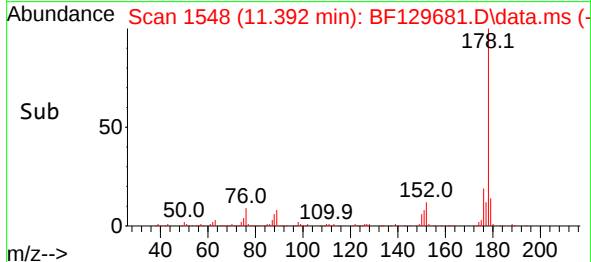
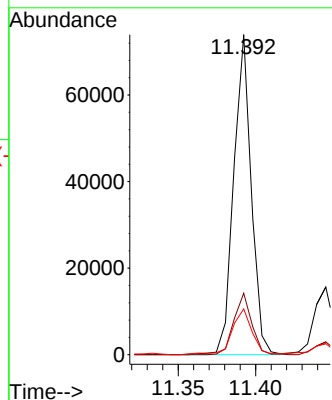
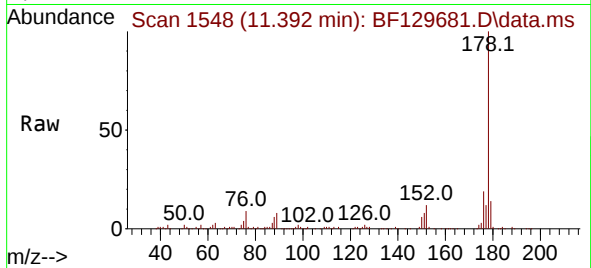




#71
Phenanthrene
Concen: 2.633 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

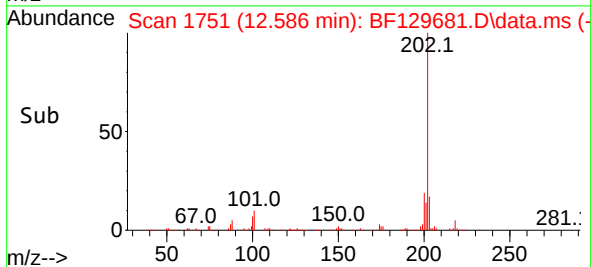
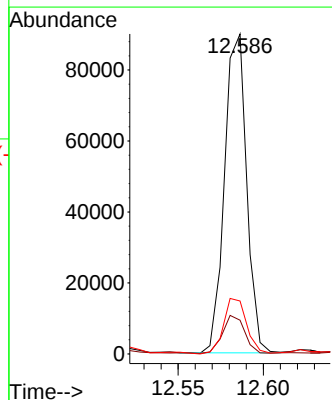
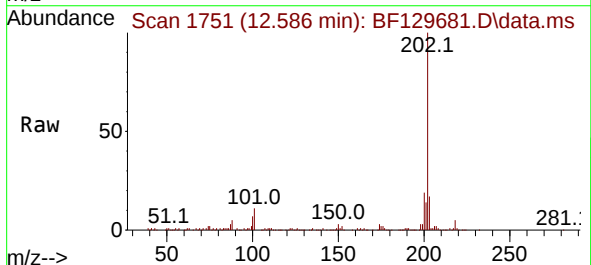
Instrument :
BNA_F
ClientSampleId :
RVE-191

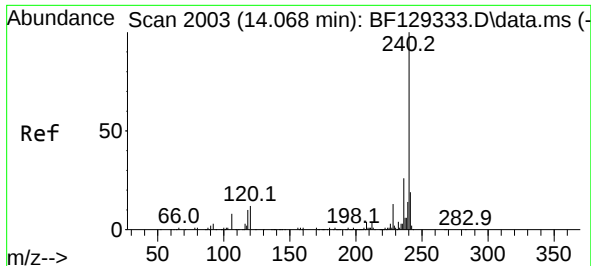
Tgt Ion:178 Resp: 58127
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 14.3 12.6 19.0



#75
Fluoranthene
Concen: 3.633 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion:202 Resp: 81246
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 16.6 0.0 38.0

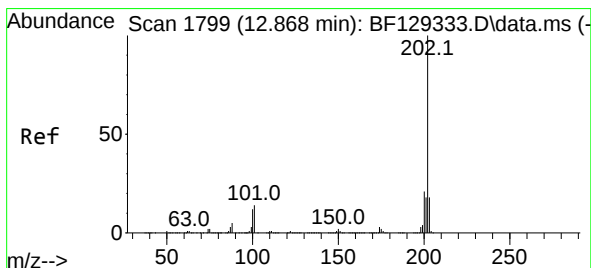
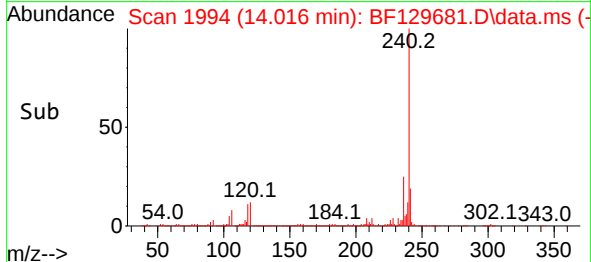
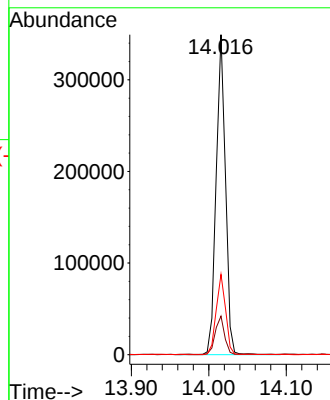
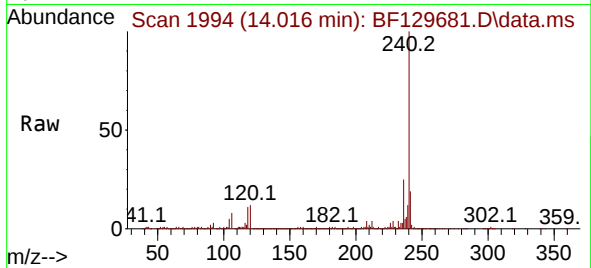




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

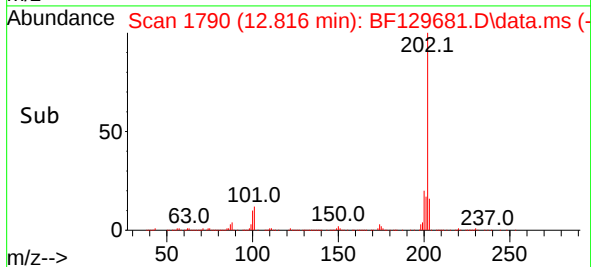
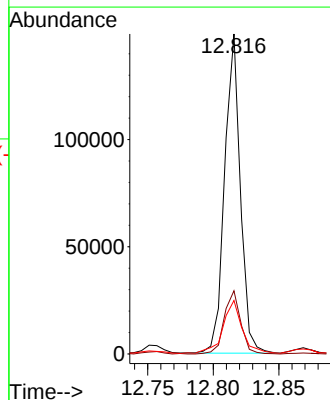
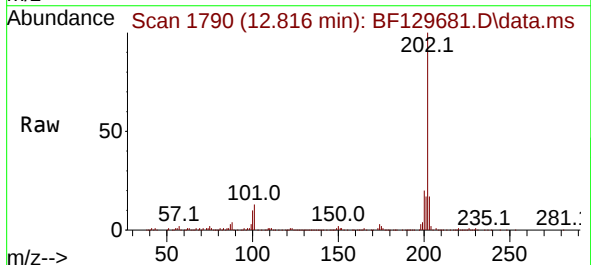
Instrument :
BNA_F
ClientSampleId :
RVE-191

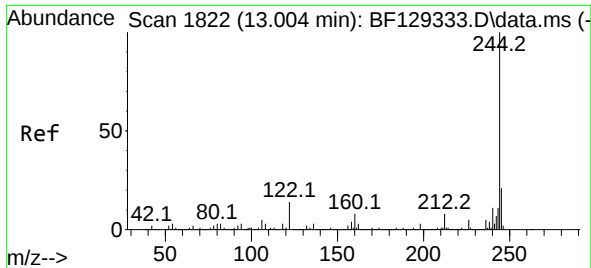
Tgt Ion:240 Resp: 292609
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.1 20.8 31.2



#78
Pyrene
Concen: 5.068 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion:202 Resp: 124019
Ion Ratio Lower Upper
202 100
200 19.8 17.7 26.5
203 16.7 14.6 21.8

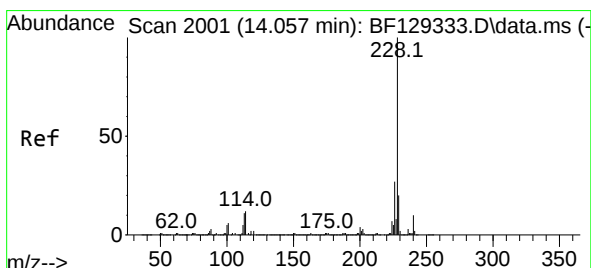
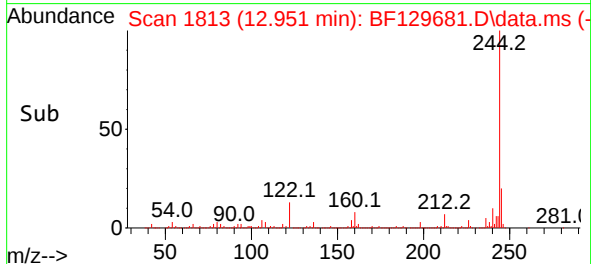
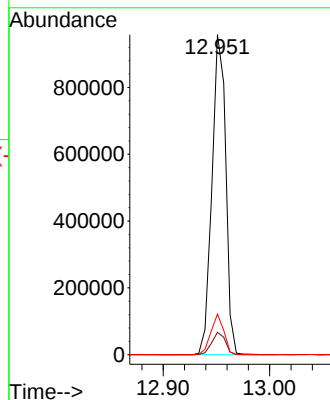
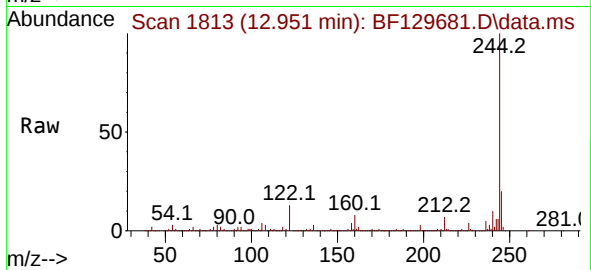




#79
 Terphenyl-d14
 Concen: 55.440 ng
 RT: 12.951 min Scan# 1822
 Delta R.T. -0.018 min
 Lab File: BF129681.D
 Acq: 09 Aug 2022 23:25

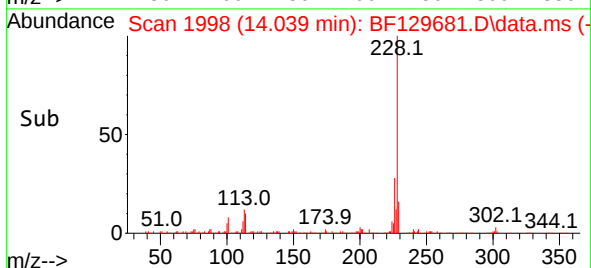
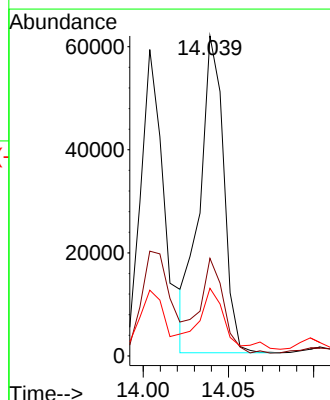
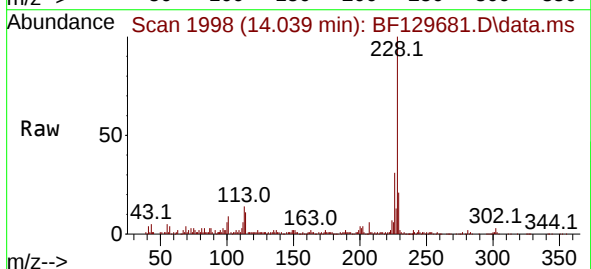
Instrument :
 BNA_F
 ClientSampleId :
 RVE-191

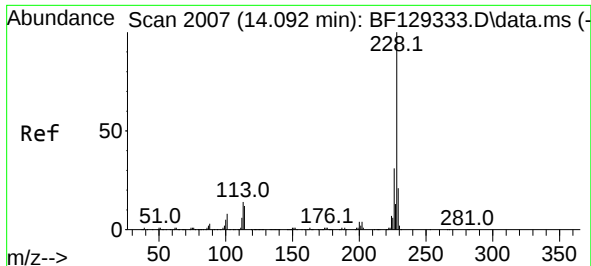
Tgt Ion:244 Resp: 859868
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 12.7 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 3.024 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. 0.024 min
 Lab File: BF129681.D
 Acq: 09 Aug 2022 23:25

Tgt Ion:228 Resp: 60440
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.1 33.1
 229 21.2 15.8 23.8

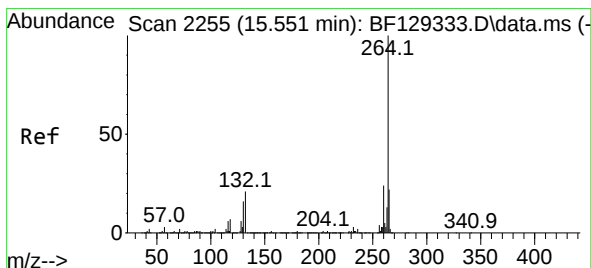
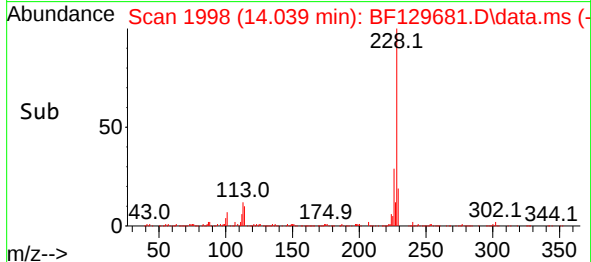
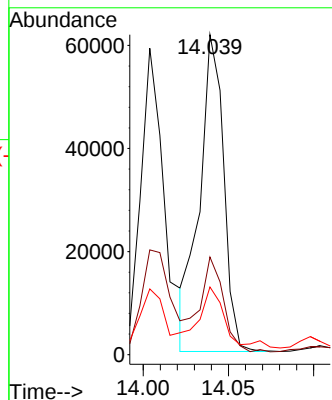
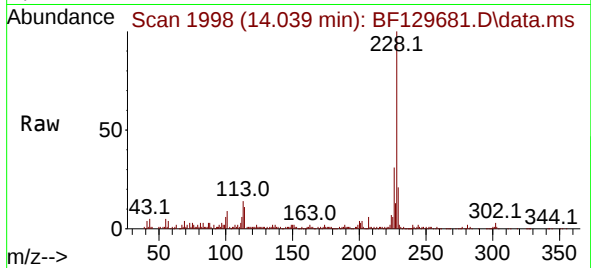




#83
Chrysene
Concen: 3.208 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

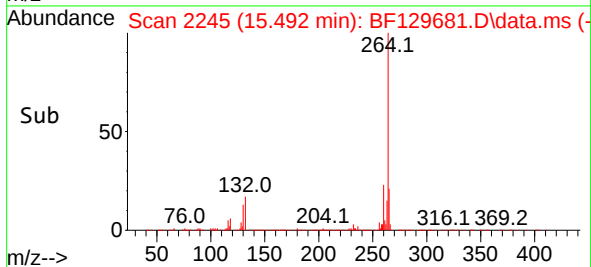
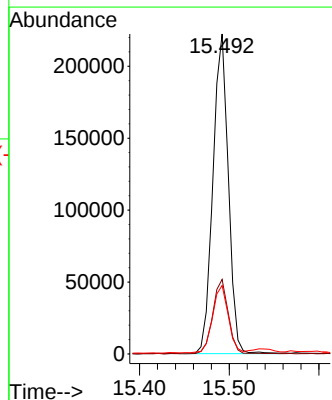
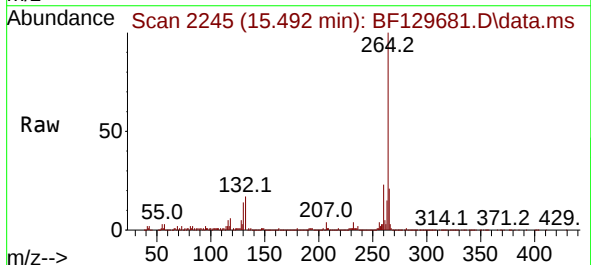
Instrument :
BNA_F
ClientSampleId :
RVE-191

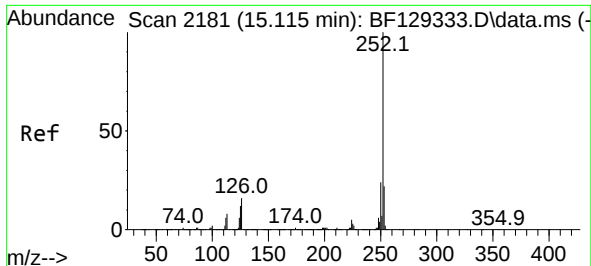
Tgt Ion:228 Resp: 60440
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion:264 Resp: 264528
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.4 17.2 25.8

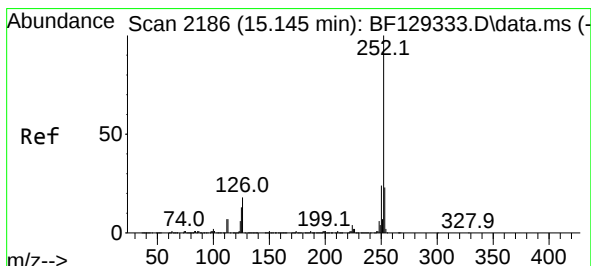
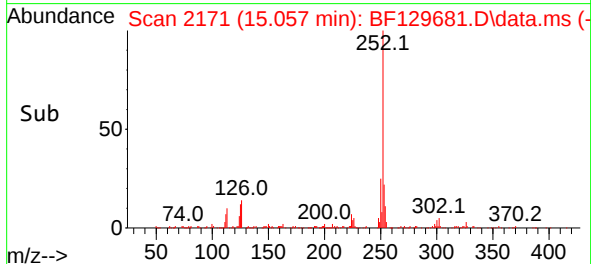
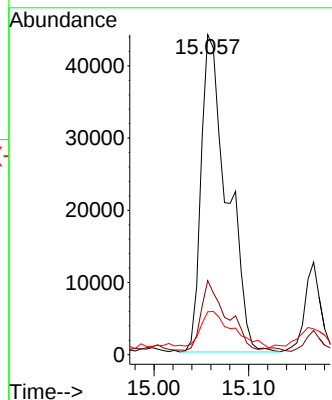
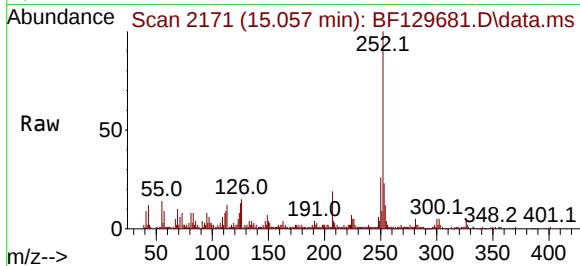




#88
Benzo(b)fluoranthene
Concen: 4.793 ng
RT: 15.057 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

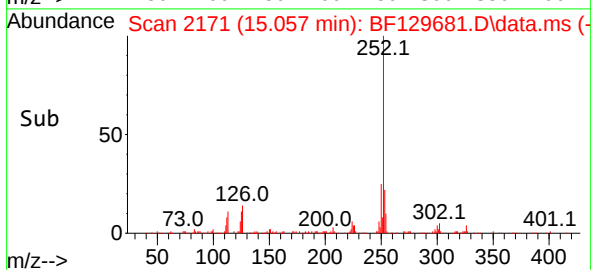
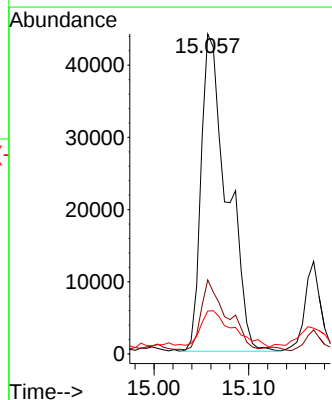
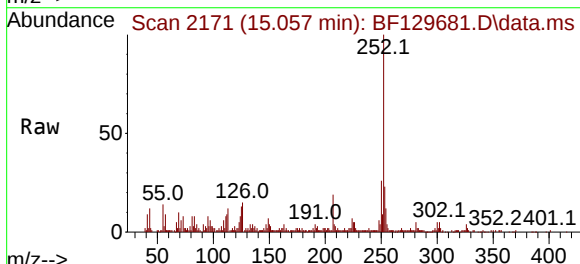
Instrument :
BNA_F
ClientSampleId :
RVE-191

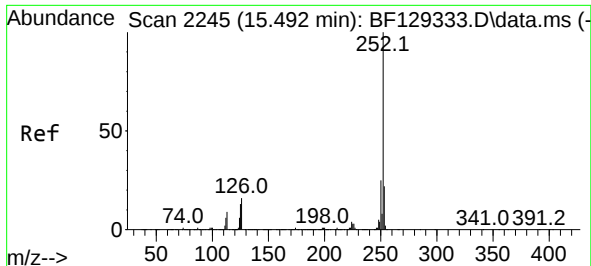
Tgt Ion:252 Resp: 84106
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.4 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 4.891 ng
RT: 15.057 min Scan# 2171
Delta R.T. -0.047 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion:252 Resp: 84106
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 13.4 8.3 12.5#

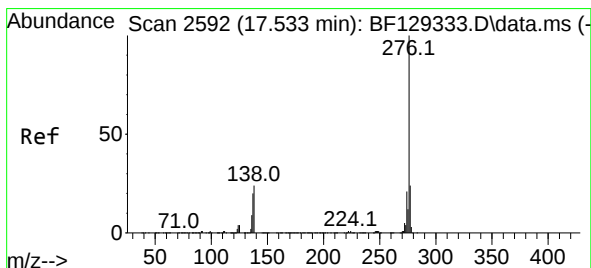
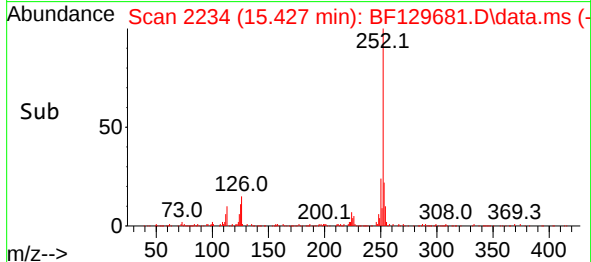
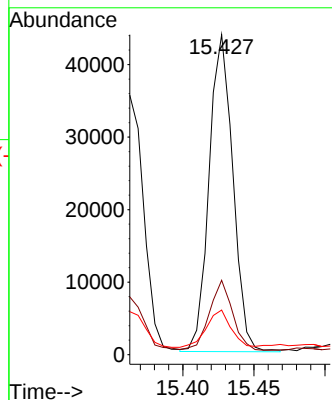
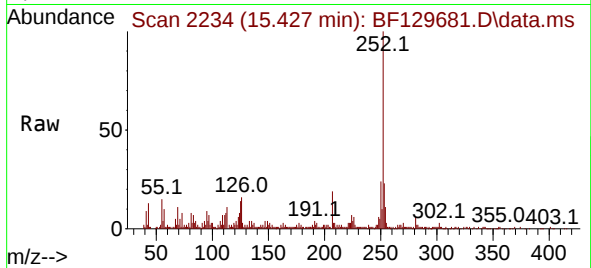




#90
Benzo(a)pyrene
Concen: 3.578 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Instrument :
BNA_F
ClientSampleId :
RVE-191

Tgt Ion:252 Resp: 50971
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 13.9 8.8 13.2#



#92
Benzo(g,h,i)perylene
Concen: 2.226 ng
RT: 17.421 min Scan# 2573
Delta R.T. -0.029 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion:276 Resp: 32979
Ion Ratio Lower Upper
276 100
277 25.8 19.1 28.7
138 23.3 18.0 27.0

