

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129684.D
 Acq On : 10 Aug 2022 01:05
 Operator : CG\JU
 Sample : N3962-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-199D

Quant Time: Aug 10 05:38:01 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)

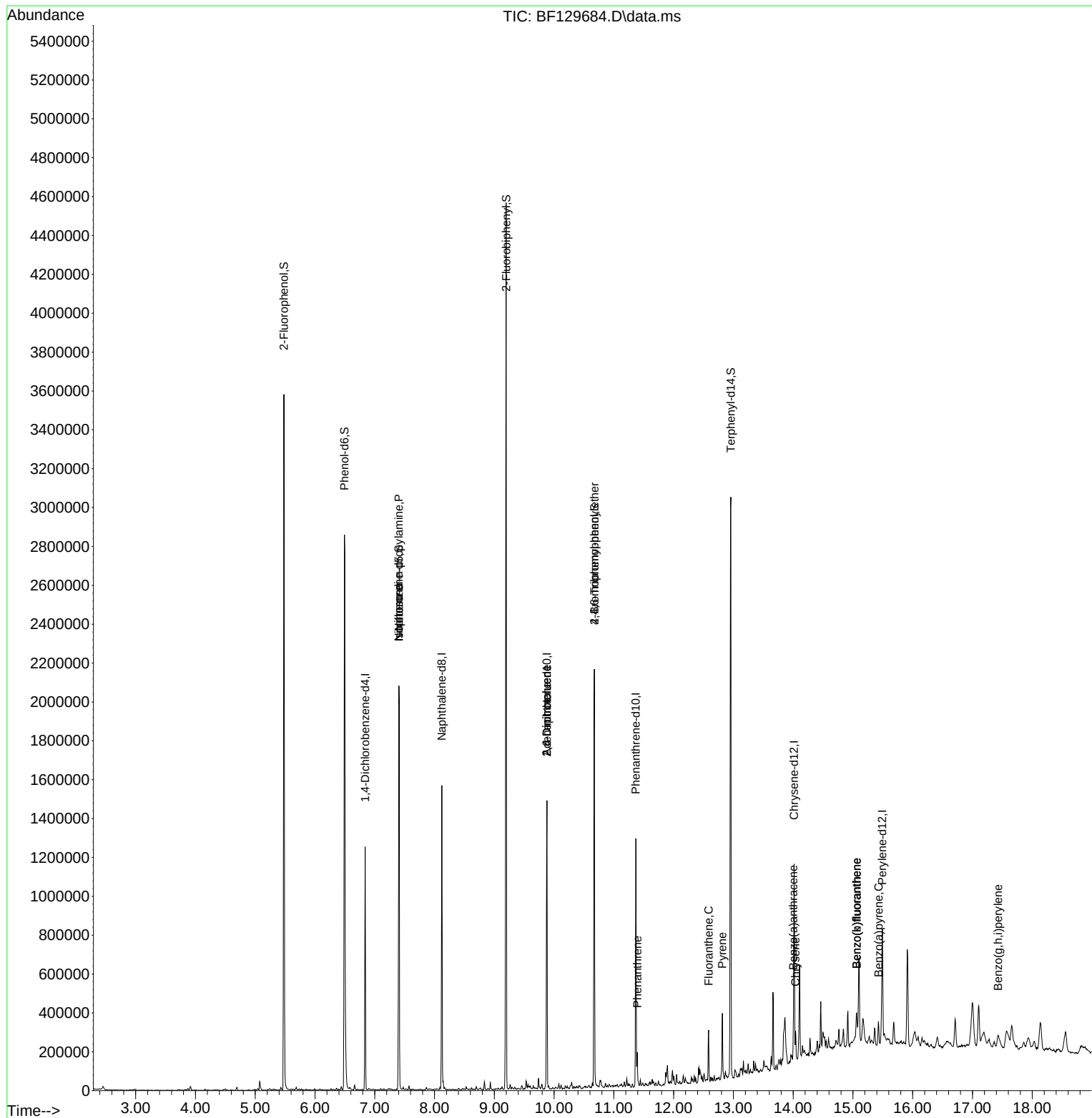
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	164353	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	619655	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	285846	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	413426	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	299242	20.000	ng	-0.01
86) Perylene-d12	15.492	264	242593	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	925631	91.745	ng	0.00
7) Phenol-d6	6.492	99	1169769	92.242	ng	-0.01
23) Nitrobenzene-d5	7.404	82	726402	63.992	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	240946	87.674	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1272357	68.858	ng	-0.01
79) Terphenyl-d14	12.957	244	1055052	66.516	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	96522	12.572	ng	# 73
25) Isophorone	7.404	82	721636	35.466	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	36794	8.331	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	36794	6.377	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	15322	3.384	ng	# 1
71) Phenanthrene	11.392	178	54235	2.403	ng	99
75) Fluoranthene	12.586	202	97777	4.276	ng	99
78) Pyrene	12.816	202	117330	4.689	ng	97
81) Benzo(a)anthracene	14.004	228	52551	2.571	ng	95
83) Chrysene	14.039	228	60792	3.156	ng	98
88) Benzo(b)fluoranthene	15.063	252	90901	5.649	ng	# 94
89) Benzo(k)fluoranthene	15.063	252	90901	5.764	ng	# 95
90) Benzo(a)pyrene	15.427	252	48015	3.676	ng	# 93
92) Benzo(g,h,i)perylene	17.427	276	35344	2.601	ng	96

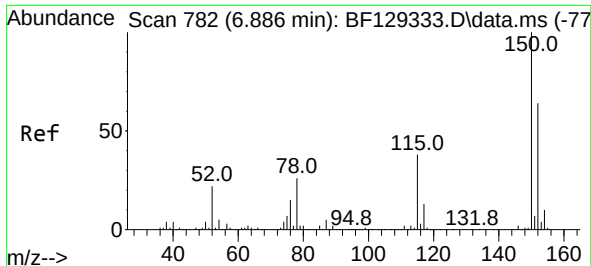
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129684.D
Acq On : 10 Aug 2022 01:05
Operator : CG\JU
Sample : N3962-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-199D

Quant Time: Aug 10 05:38:01 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

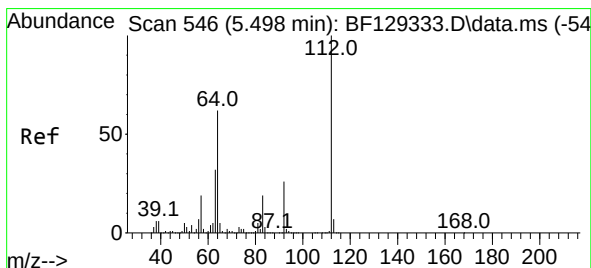
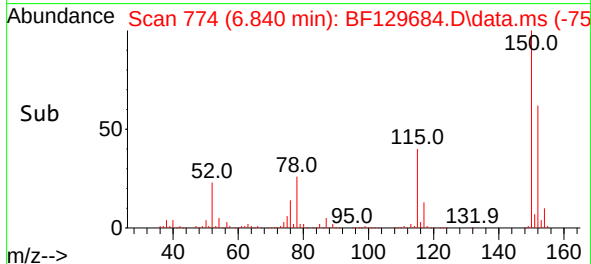
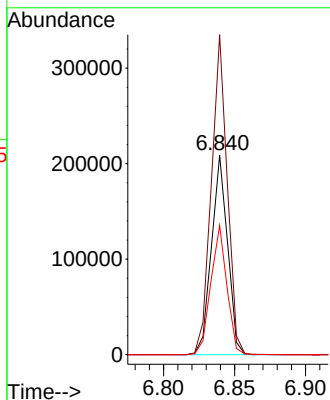
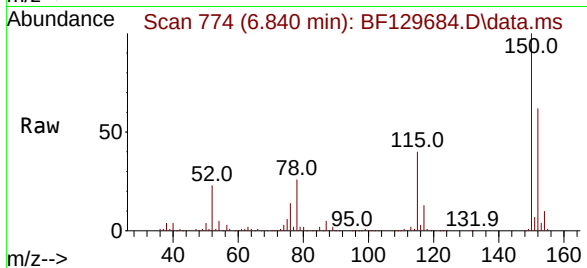




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

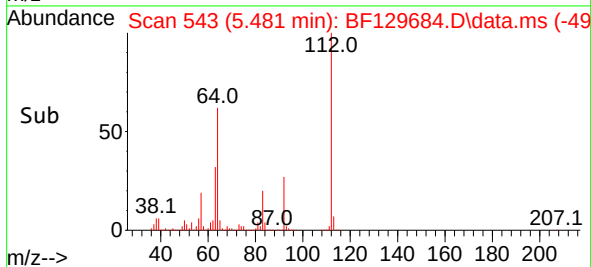
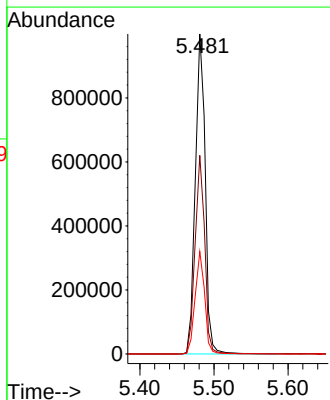
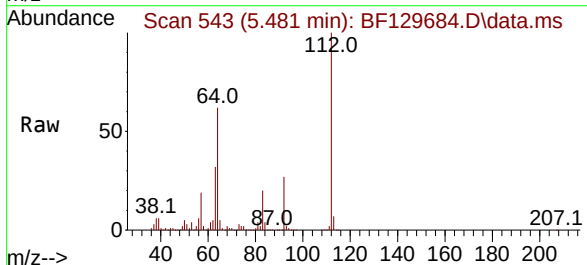
Instrument :
BNA_F
ClientSampleId :
RVE-199D

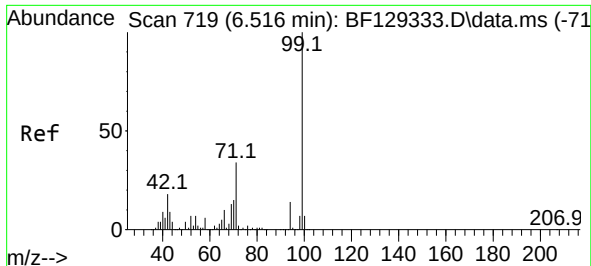
Tgt Ion:152 Resp: 164353
Ion Ratio Lower Upper
152 100
150 160.3 123.7 185.5
115 64.7 49.9 74.9



#5
2-Fluorophenol
Concen: 91.745 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion:112 Resp: 925631
Ion Ratio Lower Upper
112 100
64 62.1 53.3 79.9
63 32.0 28.0 42.0



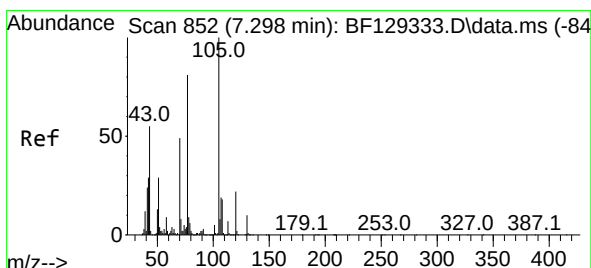
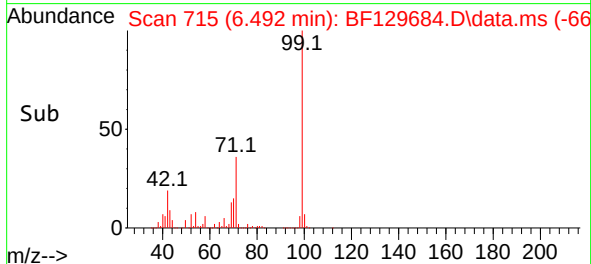
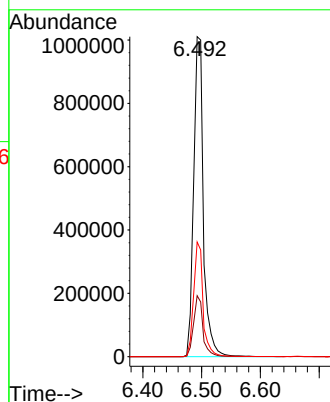
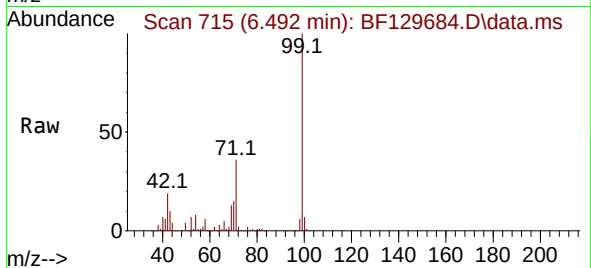


#7
Phenol-d6
Concen: 92.242 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Instrument :
BNA_F
ClientSampleId :
RVE-199D

Tgt Ion: 99 Resp: 1169769

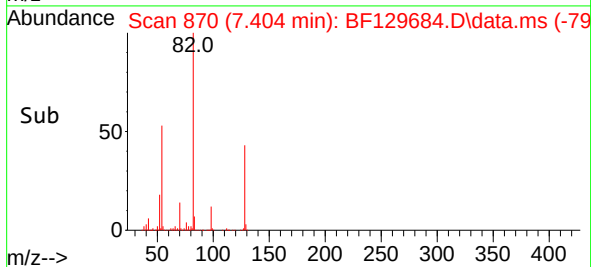
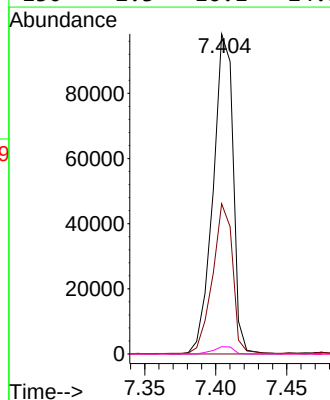
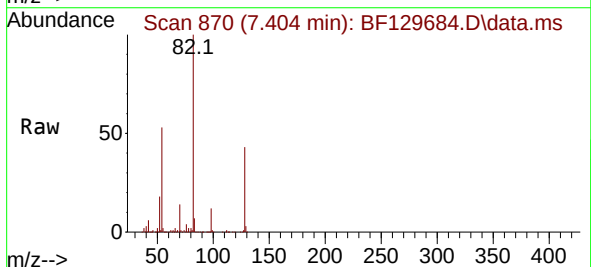
Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.3	25.9
71	35.9	28.9	43.3

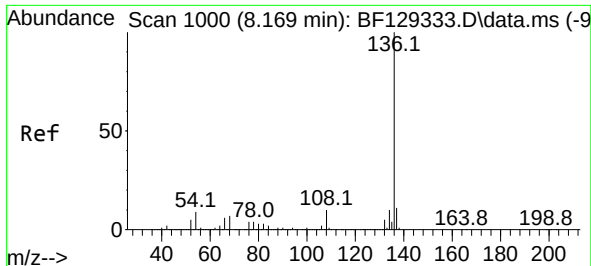


#19
n-Nitroso-di-n-propylamine
Concen: 12.572 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion: 70 Resp: 96522

Ion	Ratio	Lower	Upper
70	100		
42	47.0	52.3	78.5#
101	0.0	7.5	11.3#
130	2.3	16.1	24.1#



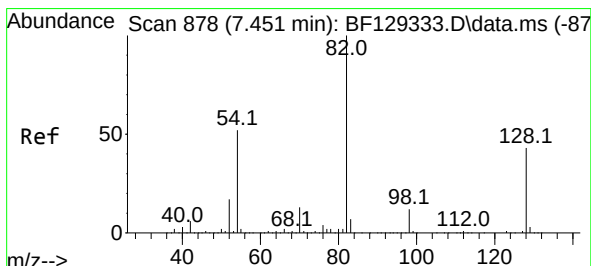
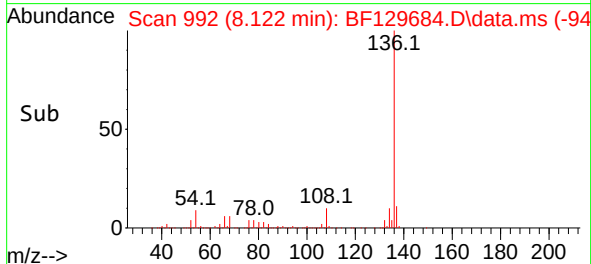
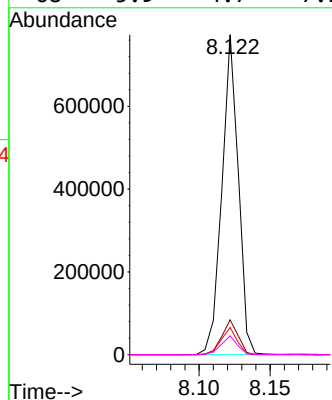
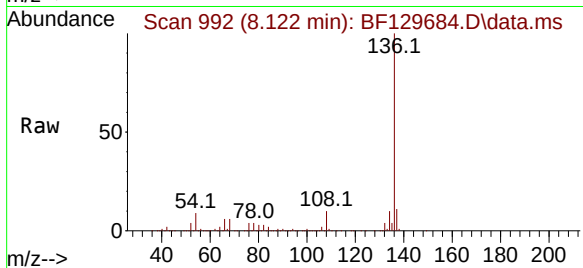


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Instrument :
BNA_F
ClientSampleId :
RVE-199D

Tgt Ion:136 Resp: 619655

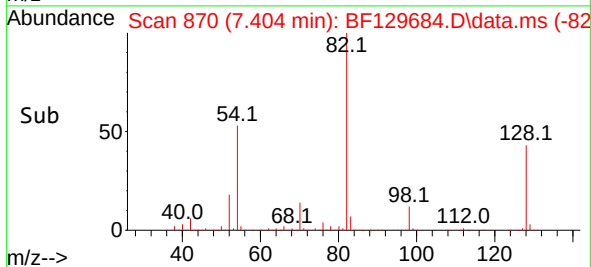
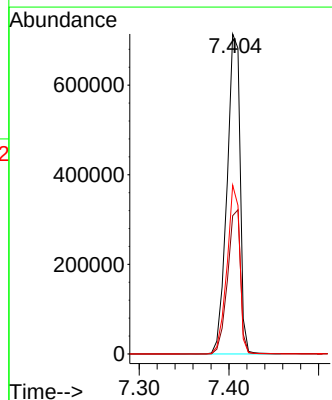
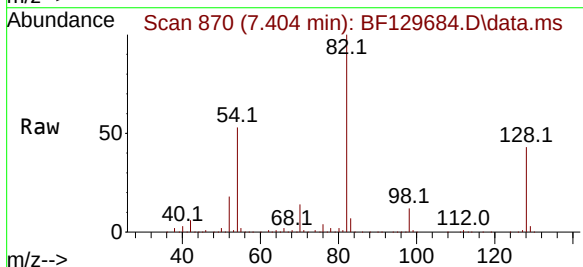
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	7.5	11.3
68	5.9	4.7	7.1

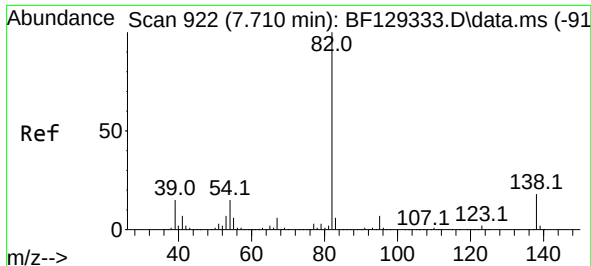


#23
Nitrobenzene-d5
Concen: 63.992 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion: 82 Resp: 726402

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	52.7	46.9	70.3

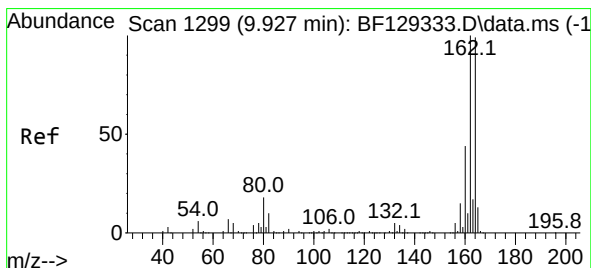
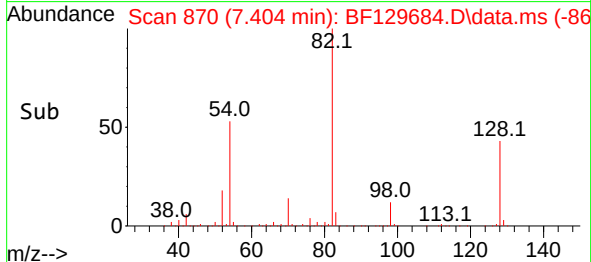
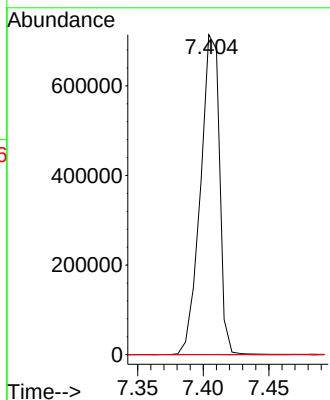
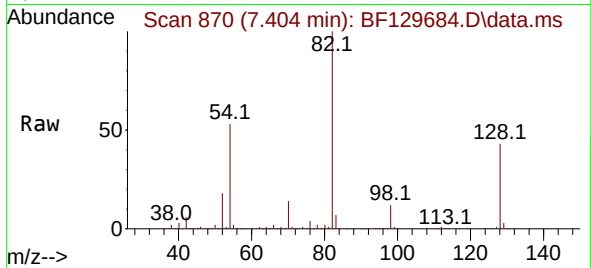




#25
Isophorone
Concen: 35.466 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

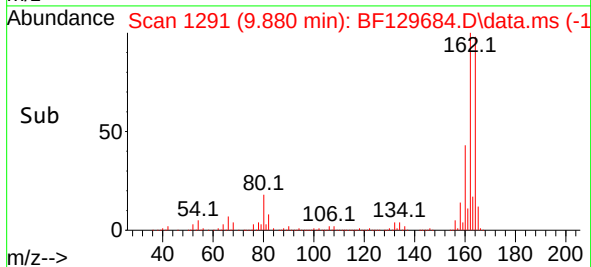
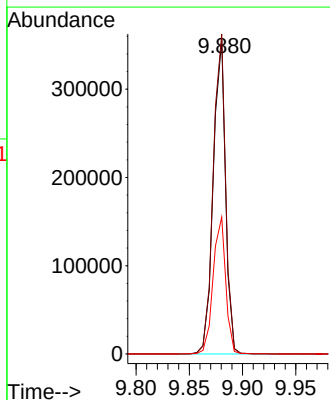
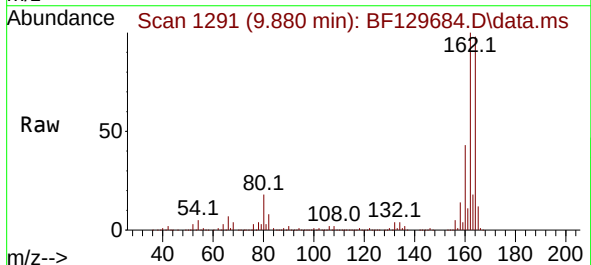
Instrument :
BNA_F
ClientSampleId :
RVE-199D

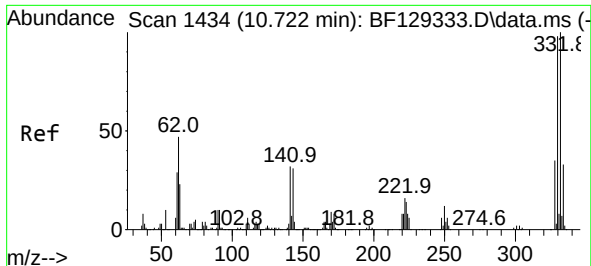
Tgt Ion: 82 Resp: 721636
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion: 164 Resp: 285846
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.674 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129684.D

Acq: 10 Aug 2022 01:05

Instrument :

BNA_F

ClientSampleId :

RVE-199D

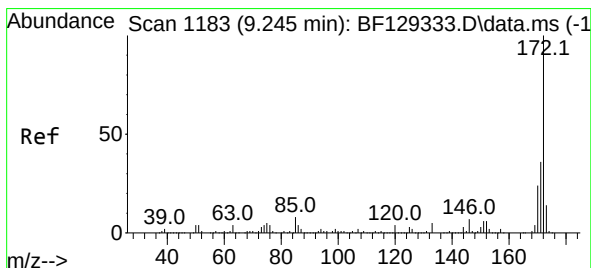
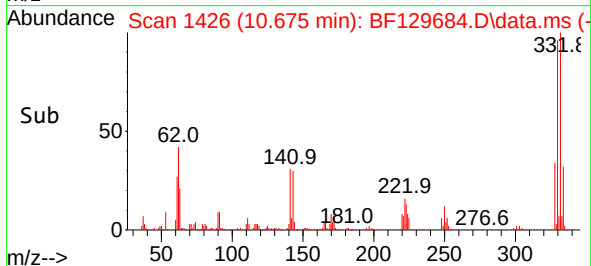
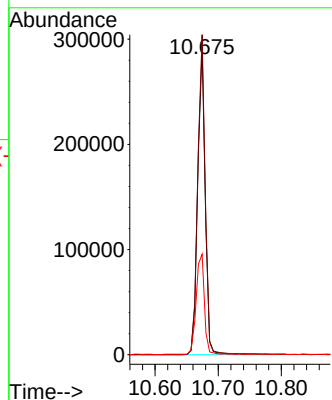
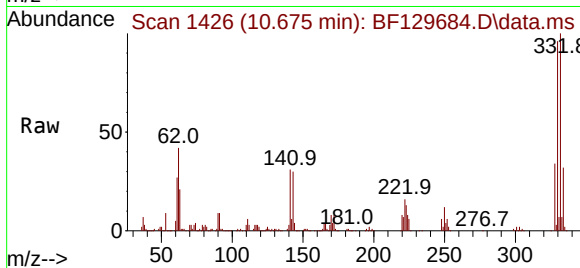
Tgt Ion:330 Resp: 240946

Ion Ratio Lower Upper

330 100

332 103.9 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.858 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129684.D

Acq: 10 Aug 2022 01:05

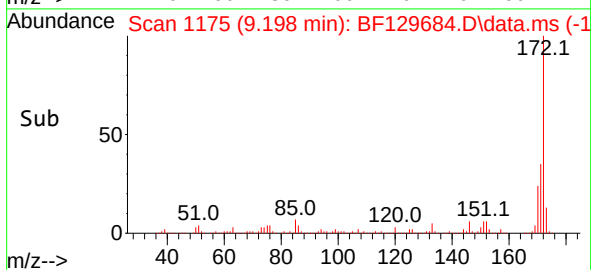
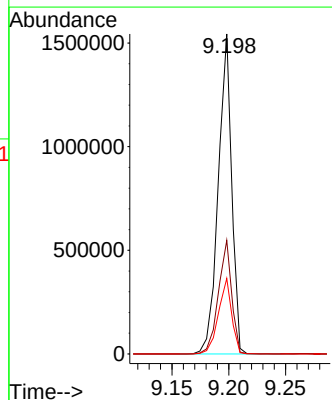
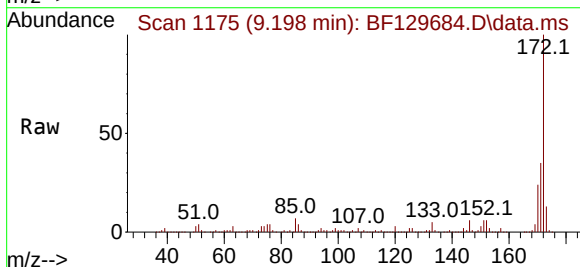
Tgt Ion:172 Resp: 1272357

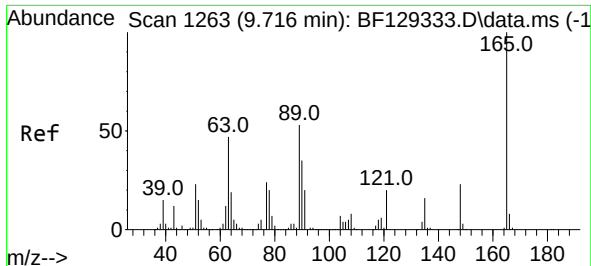
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.331 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129684.D

Acq: 10 Aug 2022 01:05

Instrument :

BNA_F

ClientSampleId :

RVE-199D

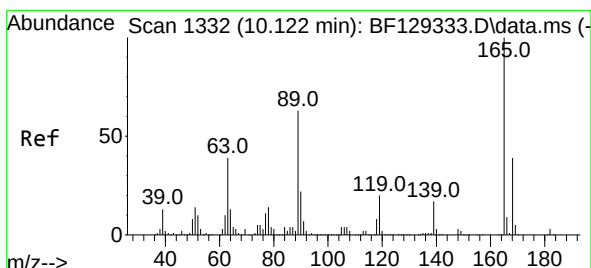
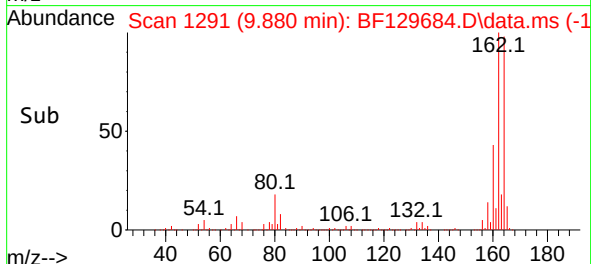
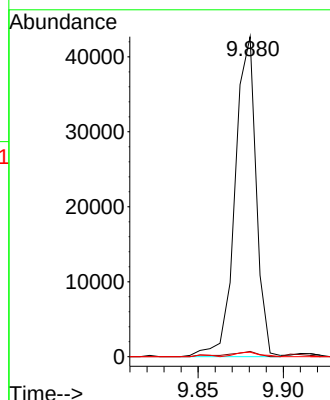
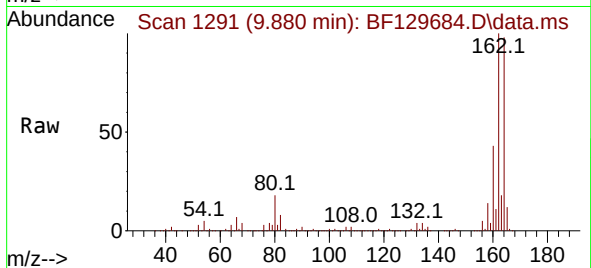
Tgt Ion:165 Resp: 36794

Ion Ratio Lower Upper

165 100

63 1.6 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.377 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129684.D

Acq: 10 Aug 2022 01:05

Tgt Ion:165 Resp: 36794

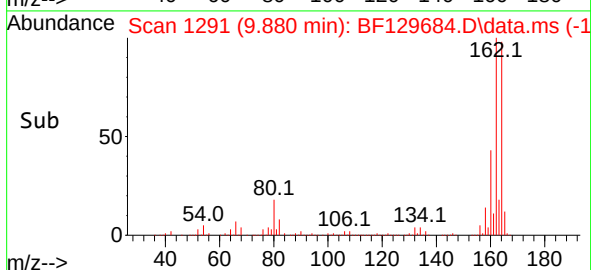
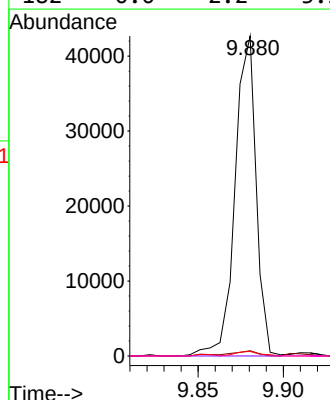
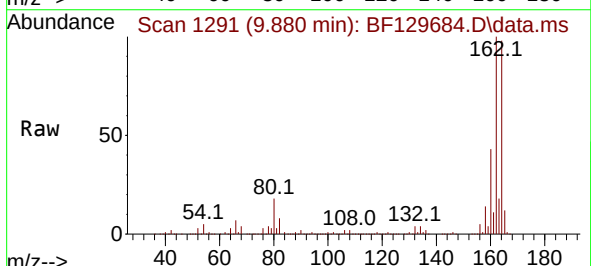
Ion Ratio Lower Upper

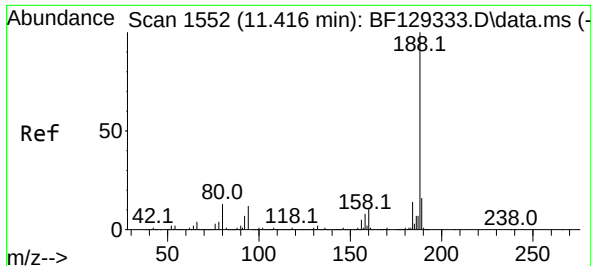
165 100

63 1.6 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

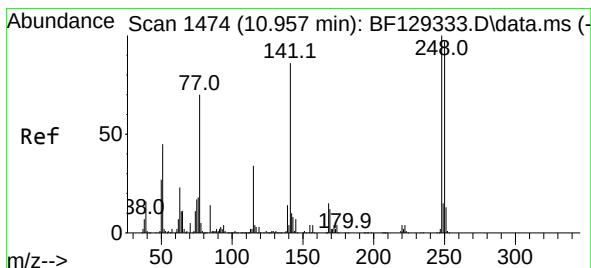
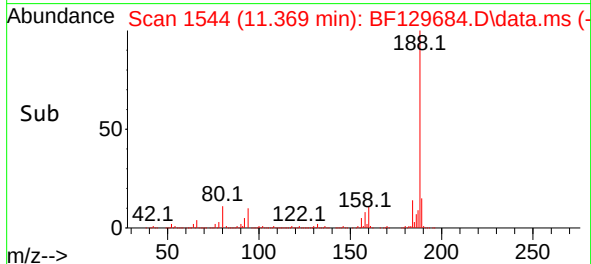
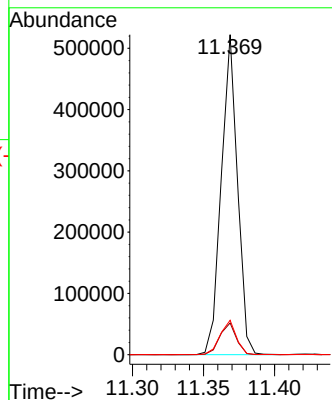
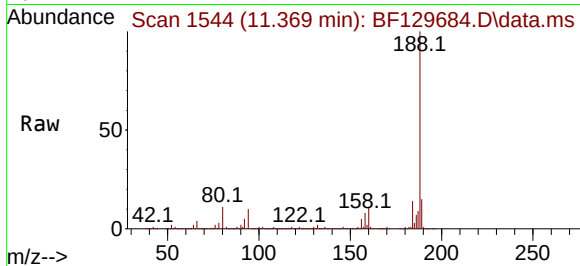




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

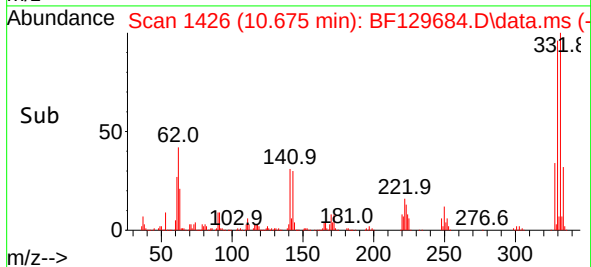
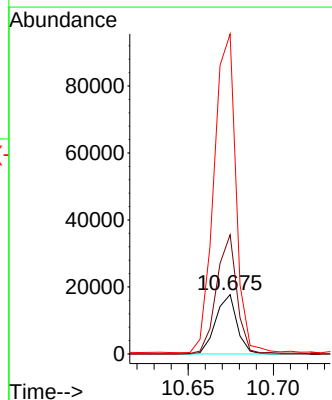
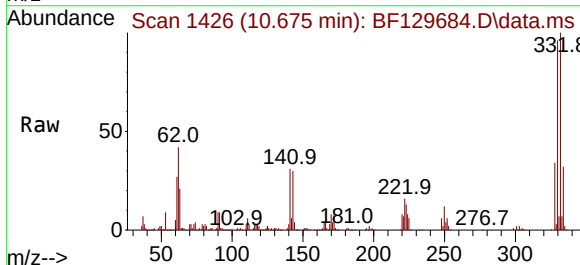
Instrument :
BNA_F
ClientSampleId :
RVE-199D

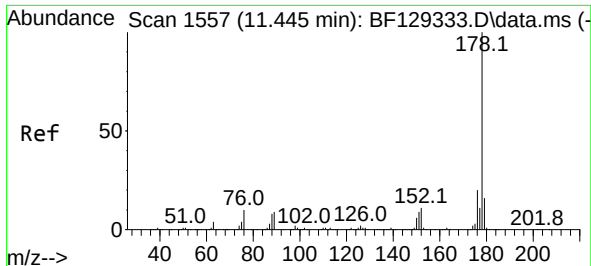
Tgt Ion:188 Resp: 413426
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.384 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion:248 Resp: 15322
Ion Ratio Lower Upper
248 100
250 200.7 80.6 120.8#
141 538.9 58.9 88.3#

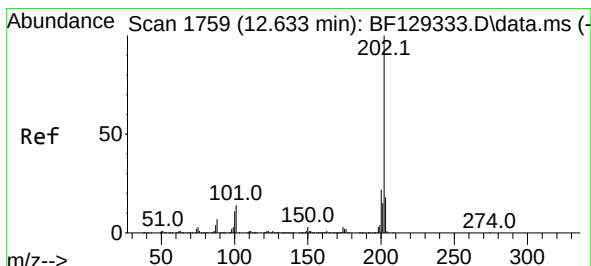
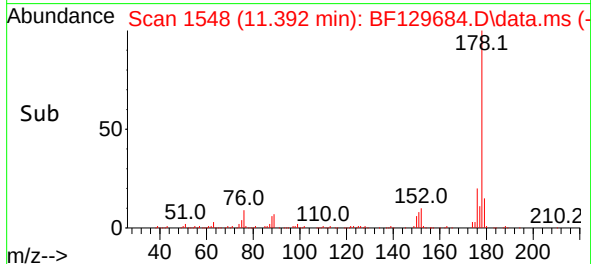
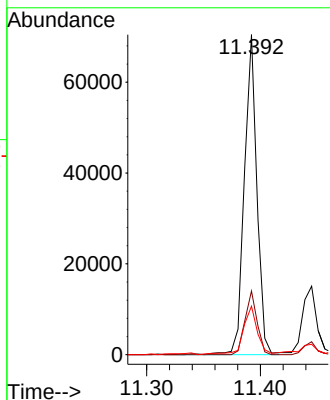
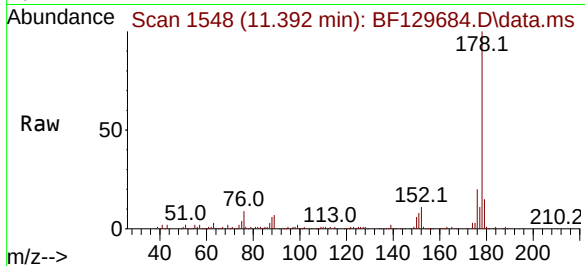




#71
Phenanthrene
Concen: 2.403 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

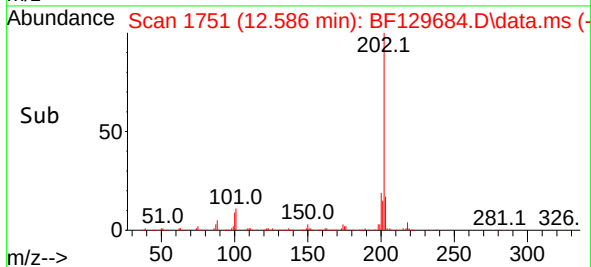
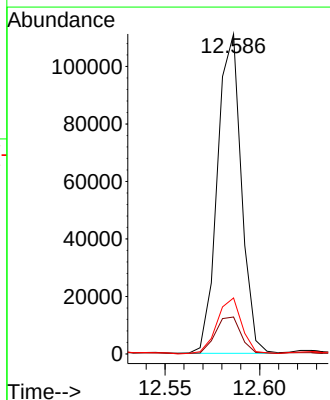
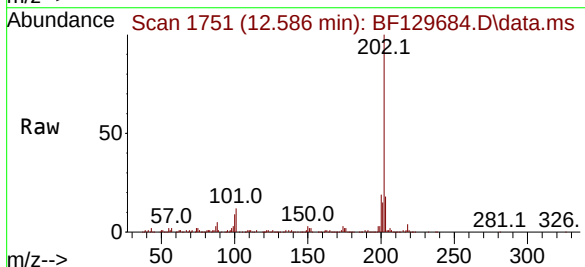
Instrument :
BNA_F
ClientSampleId :
RVE-199D

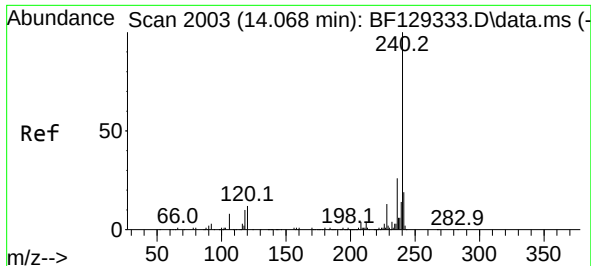
Tgt Ion:178 Resp: 54235
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.1 12.6 19.0



#75
Fluoranthene
Concen: 4.276 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion:202 Resp: 97777
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.5 0.0 38.0

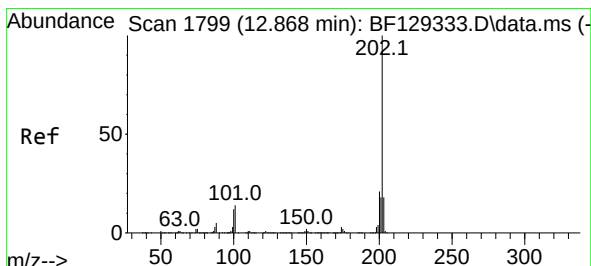
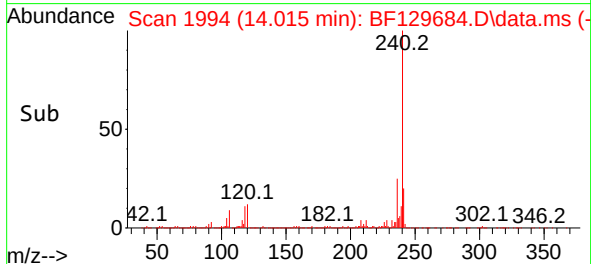
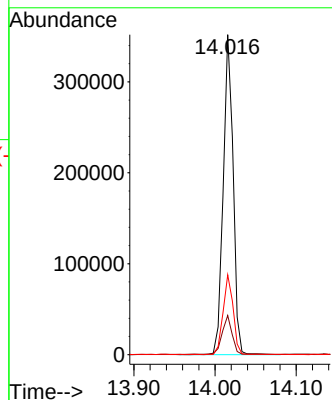
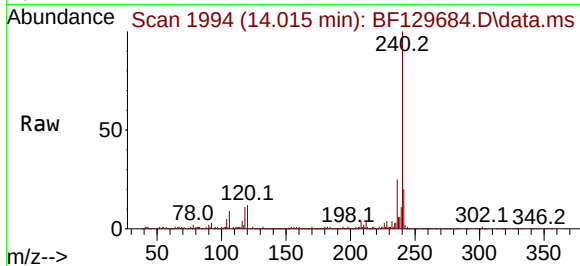




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

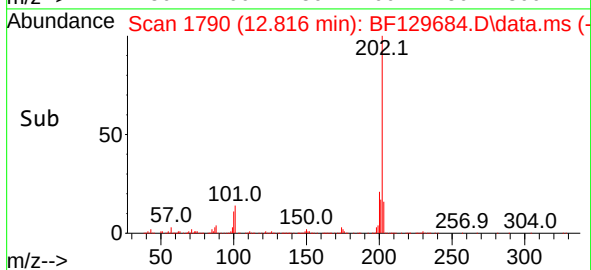
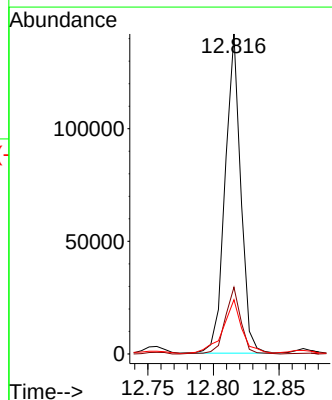
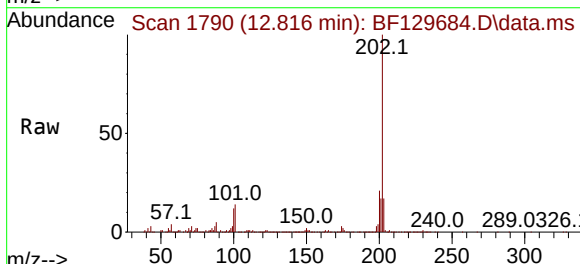
Instrument :
BNA_F
ClientSampleId :
RVE-199D

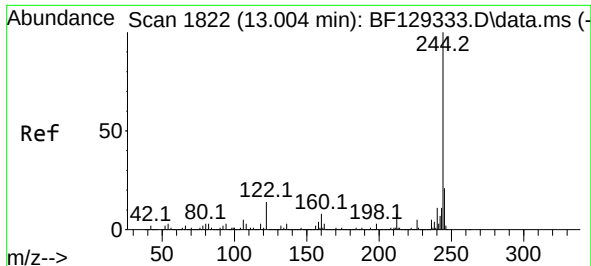
Tgt Ion:240 Resp: 299242
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.0 20.8 31.2



#78
Pyrene
Concen: 4.689 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion:202 Resp: 117330
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 17.0 14.6 21.8

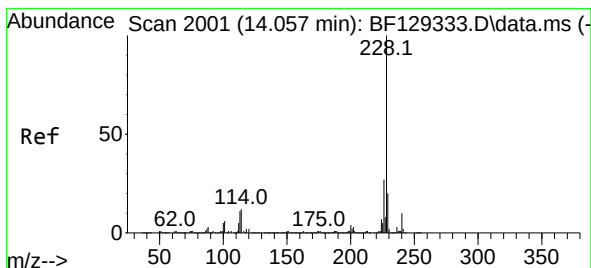
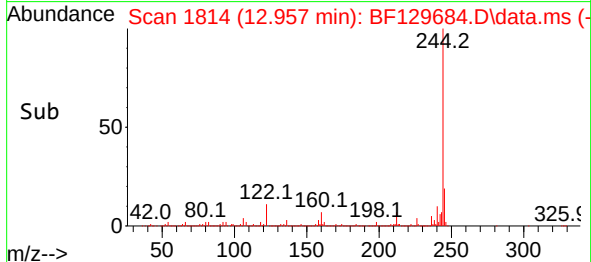
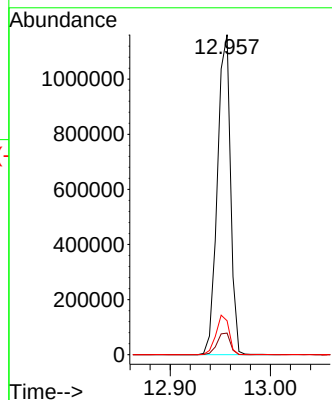
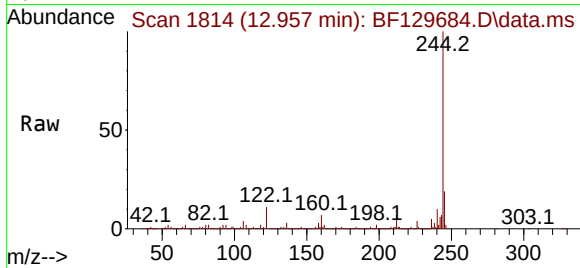




#79
 Terphenyl-d14
 Concen: 66.516 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129684.D
 Acq: 10 Aug 2022 01:05

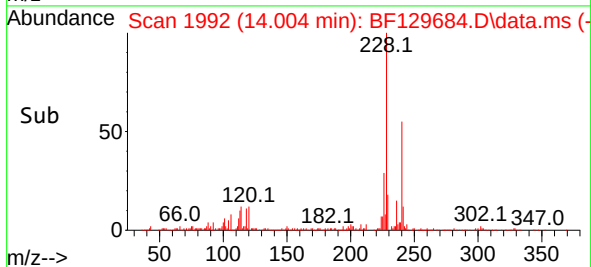
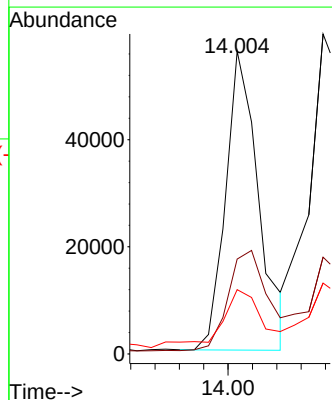
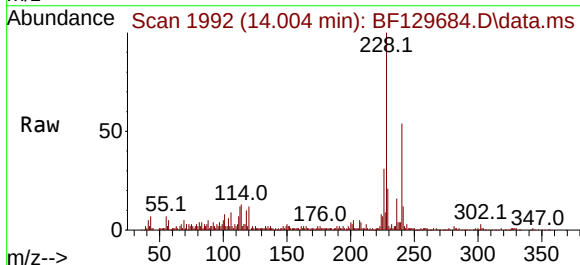
Instrument :
 BNA_F
 ClientSampleId :
 RVE-199D

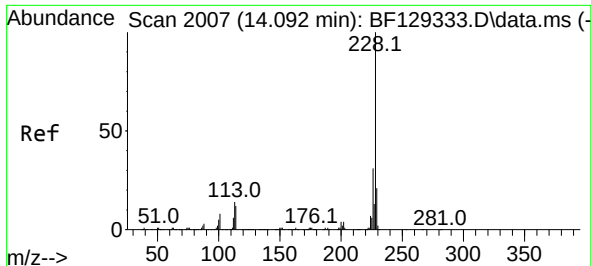
Tgt Ion:244 Resp: 1055052
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 10.6 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.571 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129684.D
 Acq: 10 Aug 2022 01:05

Tgt Ion:228 Resp: 52551
 Ion Ratio Lower Upper
 228 100
 226 31.3 22.1 33.1
 229 21.2 15.8 23.8

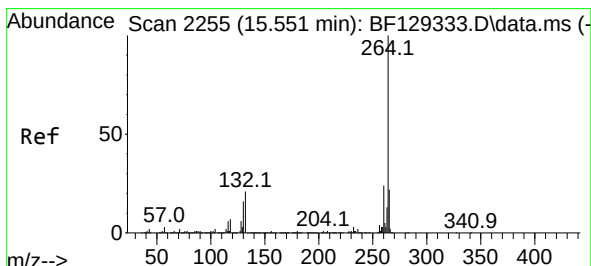
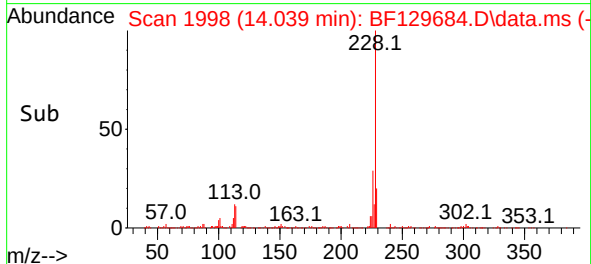
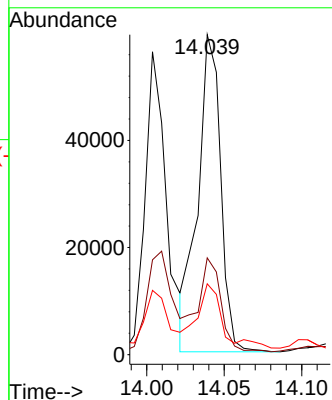
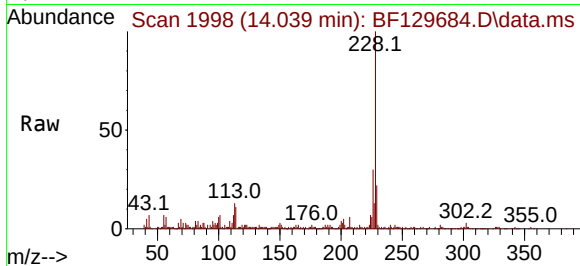




#83
Chrysene
Concen: 3.156 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

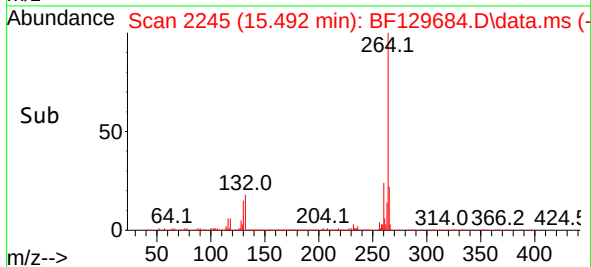
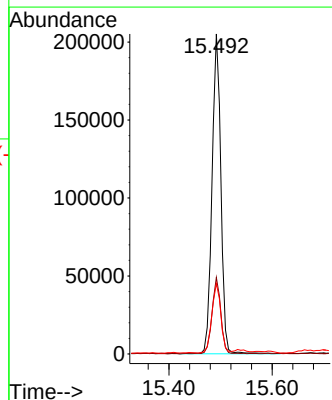
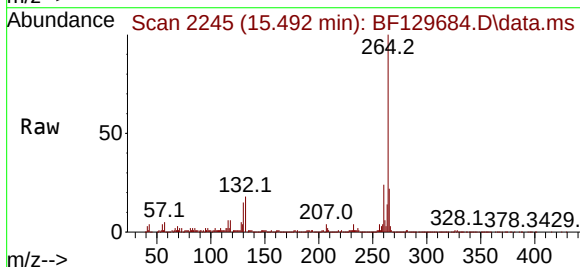
Instrument :
BNA_F
ClientSampleId :
RVE-199D

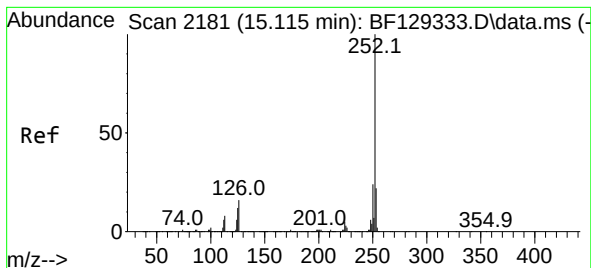
Tgt Ion:228 Resp: 60792
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion:264 Resp: 242593
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 22.0 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 5.649 ng

RT: 15.063 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BF129684.D

Acq: 10 Aug 2022 01:05

Instrument :

BNA_F

ClientSampleId :

RVE-199D

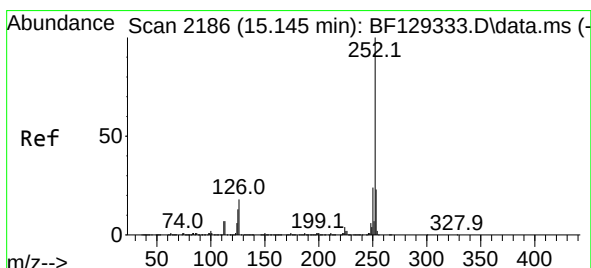
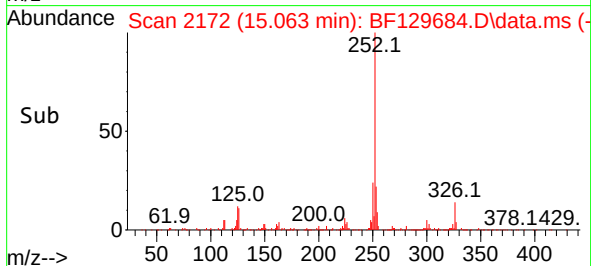
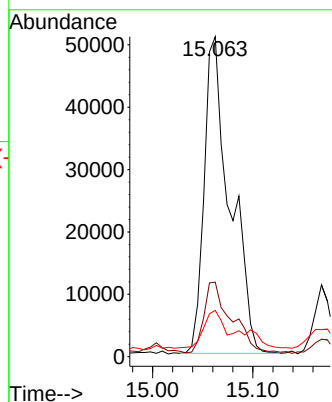
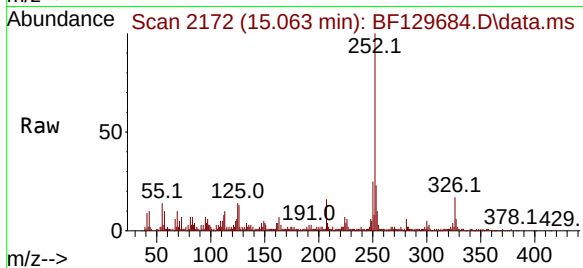
Tgt Ion:252 Resp: 90901

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 14.5 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 5.764 ng

RT: 15.063 min Scan# 2172

Delta R.T. -0.041 min

Lab File: BF129684.D

Acq: 10 Aug 2022 01:05

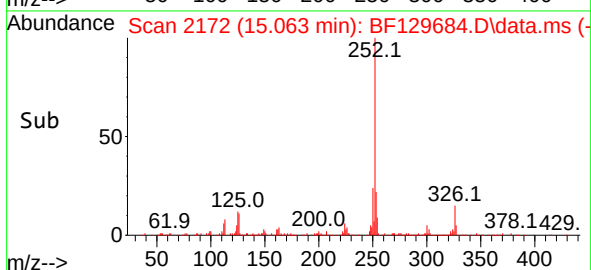
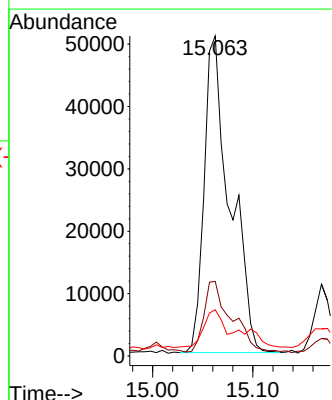
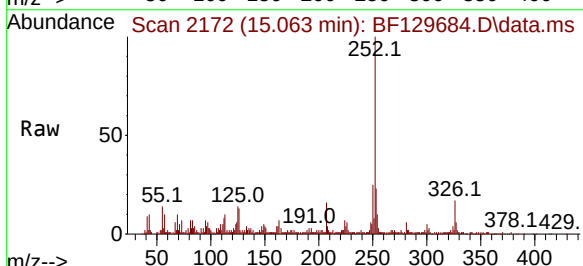
Tgt Ion:252 Resp: 90901

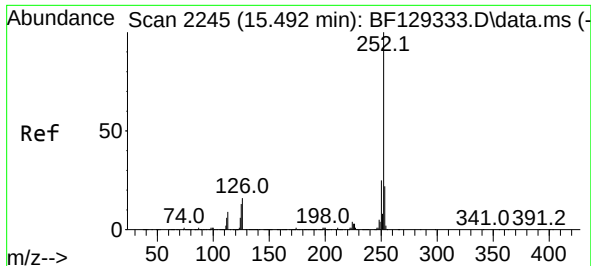
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 14.5 8.3 12.5#

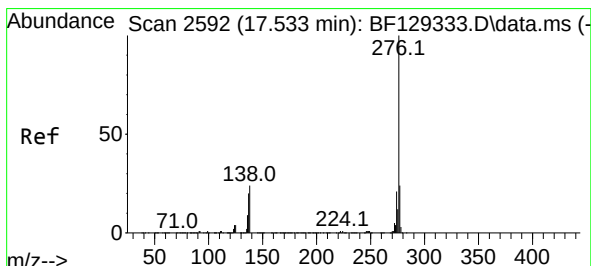
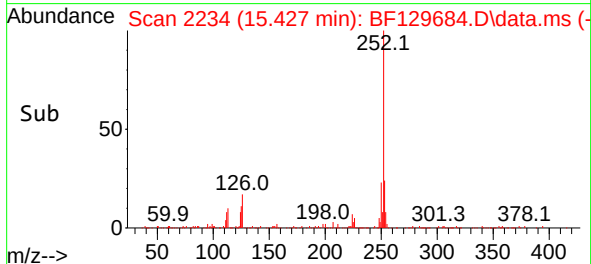
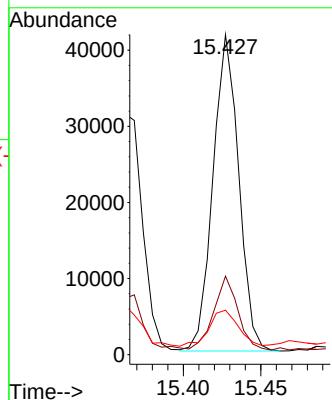
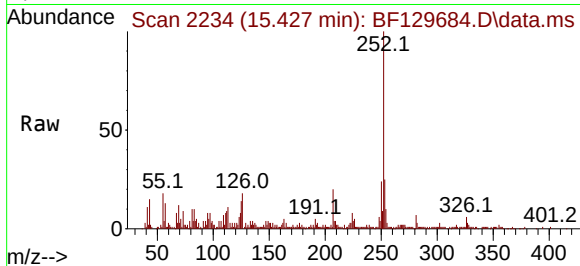




#90
Benzo(a)pyrene
Concen: 3.676 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Instrument :
BNA_F
ClientSampleId :
RVE-199D

Tgt Ion:252 Resp: 48015
Ion Ratio Lower Upper
252 100
253 24.5 17.0 25.6
125 13.9 8.8 13.2#



#92
Benzo(g,h,i)perylene
Concen: 2.601 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.024 min
Lab File: BF129684.D
Acq: 10 Aug 2022 01:05

Tgt Ion:276 Resp: 35344
Ion Ratio Lower Upper
276 100
277 26.9 19.1 28.7
138 23.0 18.0 27.0

