

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129680.D
 Acq On : 09 Aug 2022 22:51
 Operator : CG\JU
 Sample : N3962-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-189

Quant Time: Aug 10 05:36:07 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)

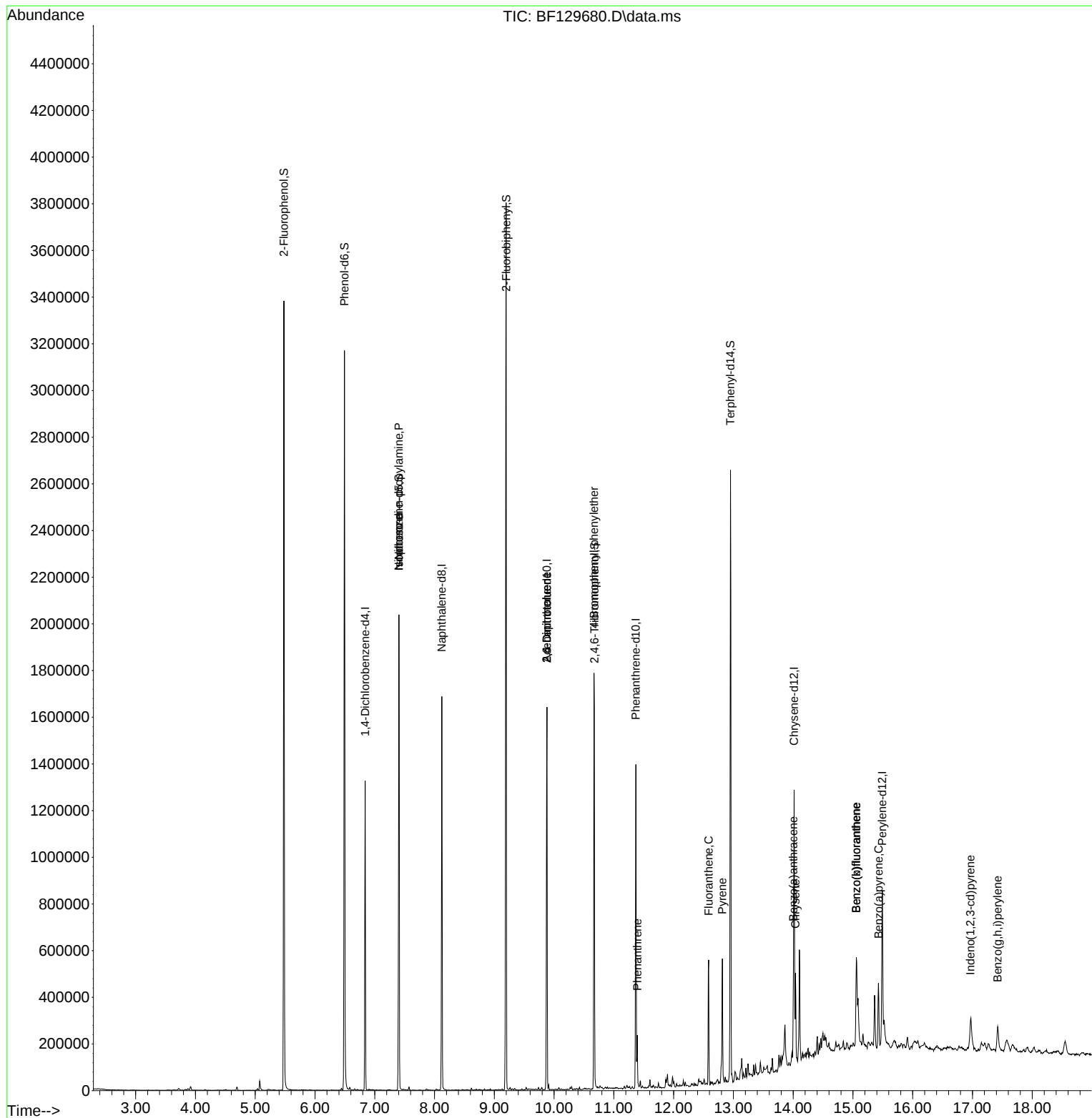
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	178407	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	680419	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	319069	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	452875	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	312874	20.000	ng	-0.01
86) Perylene-d12	15.492	264	282942	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	847350	77.370	ng	0.00
7) Phenol-d6	6.492	99	1050009	76.276	ng	-0.01
23) Nitrobenzene-d5	7.404	82	643102	51.595	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	207547	67.658	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1102286	53.442	ng	-0.01
79) Terphenyl-d14	12.951	244	837760	50.516	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	86392	10.366	ng	# 73
25) Isophorone	7.404	82	639133	28.606	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	41985	8.516	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	41985	6.519	ng	# 21
67) 4-Bromophenyl-phenylether	10.669	248	12643	2.549	ng	# 1
71) Phenanthrene	11.392	178	72490	2.932	ng	97
75) Fluoranthene	12.586	202	204719	8.173	ng	98
78) Pyrene	12.816	202	198443	7.585	ng	98
81) Benzo(a)anthracene	14.004	228	124087	5.806	ng	98
83) Chrysene	14.039	228	137324	6.818	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	78126	4.100	ng	94
88) Benzo(b)fluoranthene	15.057	252	270199	14.396	ng	98
89) Benzo(k)fluoranthene	15.057	252	270199	14.691	ng	99
90) Benzo(a)pyrene	15.427	252	131596	8.637	ng	# 96
92) Benzo(g,h,i)perylene	17.421	276	76135	4.805	ng	94

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

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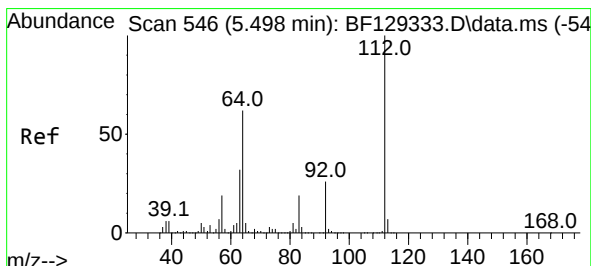
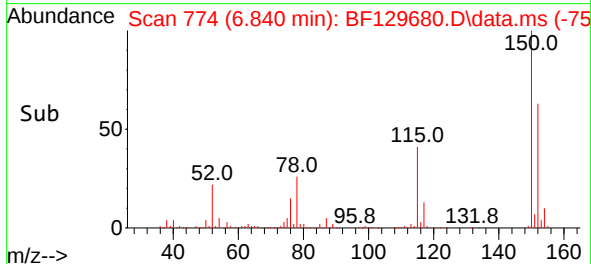
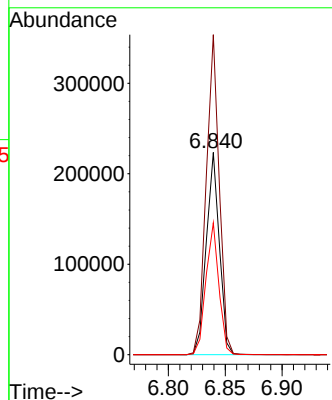
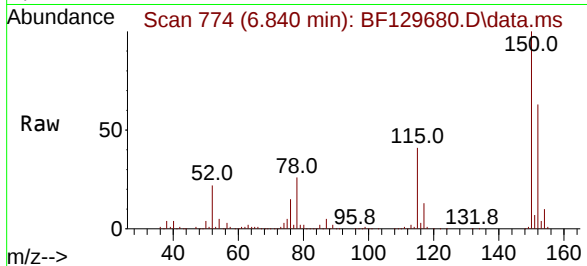




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

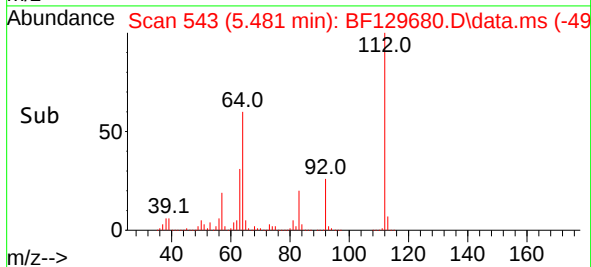
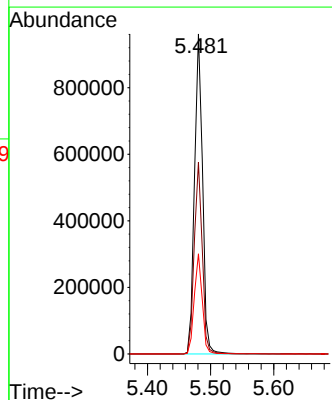
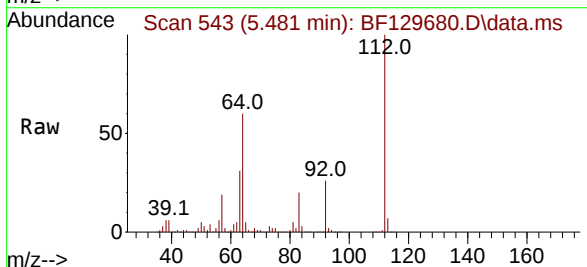
Instrument :
BNA_F
ClientSampleId :
RVE-189

Tgt Ion:152 Resp: 178407
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 65.2 49.9 74.9



#5
2-Fluorophenol
Concen: 77.370 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

Tgt Ion:112 Resp: 847350
Ion Ratio Lower Upper
112 100
64 60.0 53.3 79.9
63 31.3 28.0 42.0

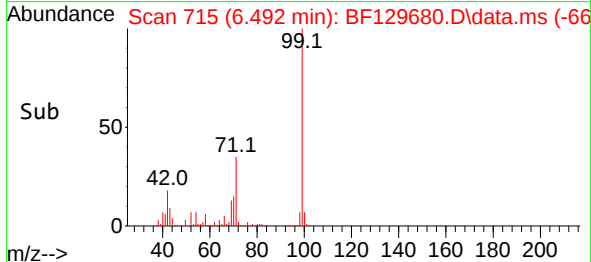
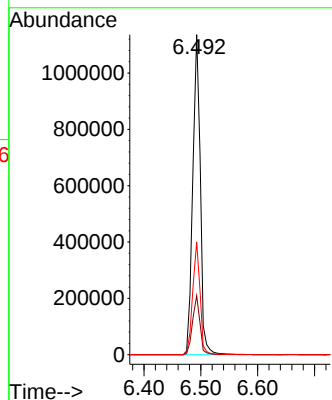
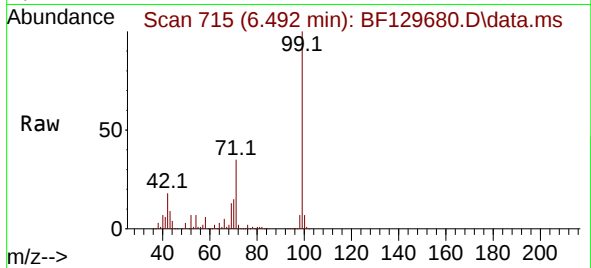




#7
Phenol-d6
Concen: 76.276 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

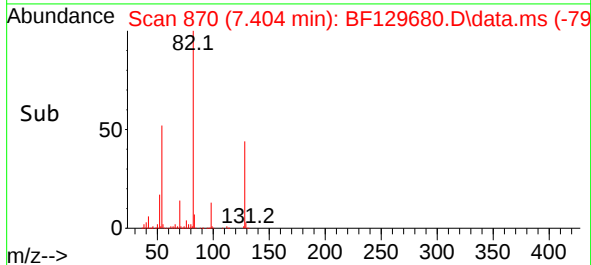
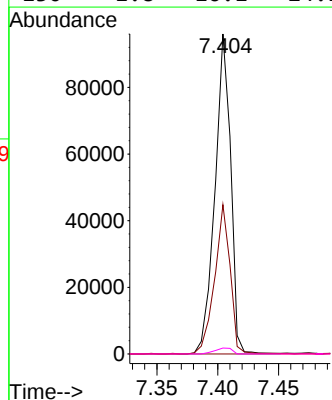
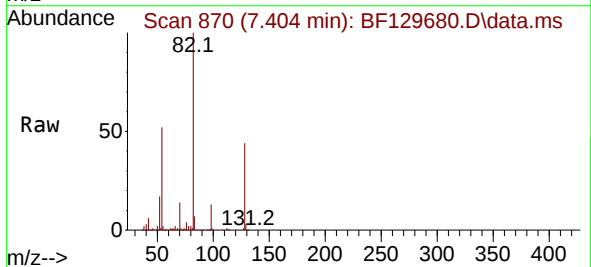
Instrument :
BNA_F
ClientSampleId :
RVE-189

Tgt Ion: 99 Resp: 1050009
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 35.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.366 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

Tgt Ion: 70 Resp: 86392
Ion Ratio Lower Upper
70 100
42 46.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



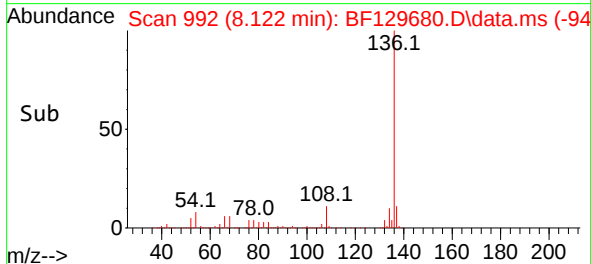
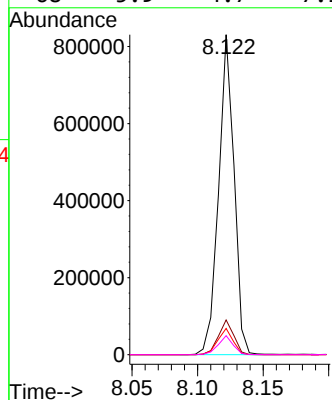
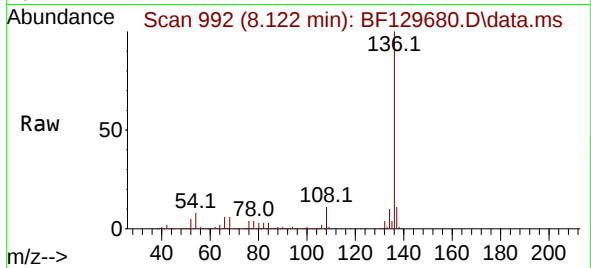


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

Instrument :
BNA_F
ClientSampleId :
RVE-189

Tgt Ion:136 Resp: 680419

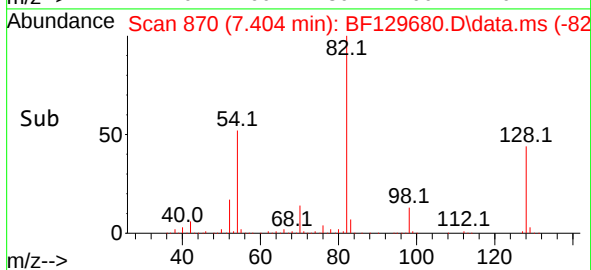
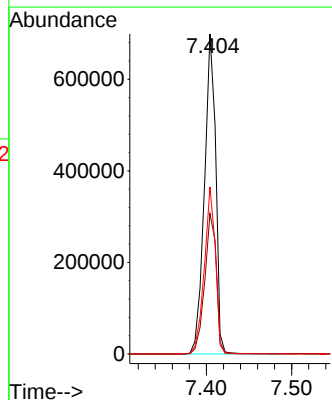
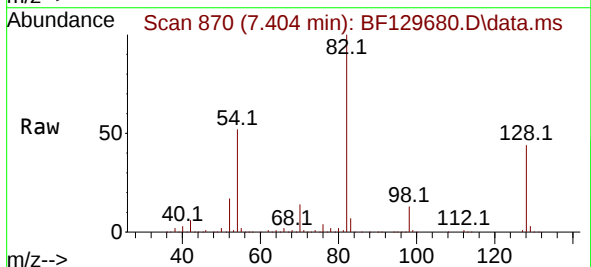
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 51.595 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

Tgt Ion: 82 Resp: 643102

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	52.2	46.9	70.3

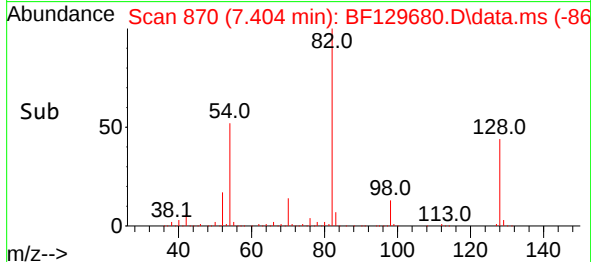
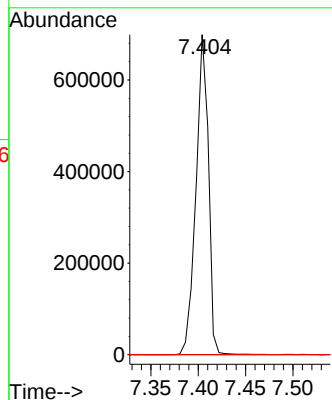
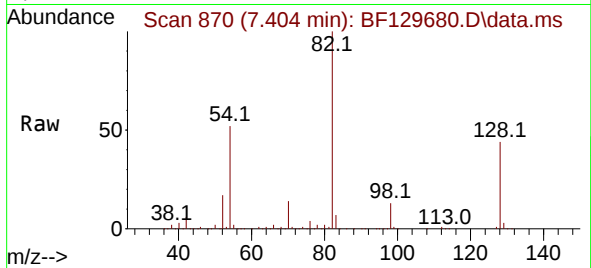




#25
Isophorone
Concen: 28.606 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

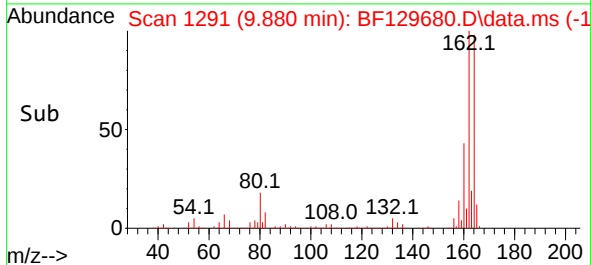
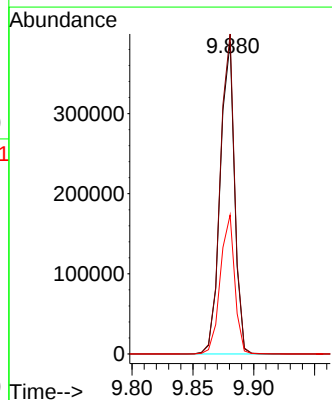
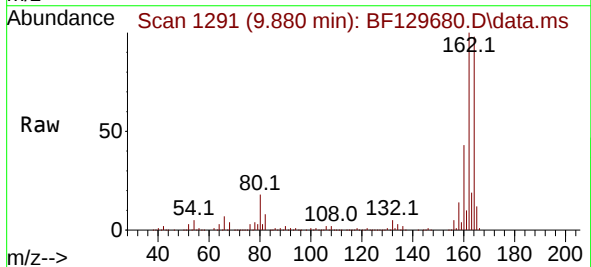
Instrument :
BNA_F
ClientSampleId :
RVE-189

Tgt Ion: 82 Resp: 639133
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: BF129680.D
Acq: 09 Aug 2022 22:51

Tgt Ion: 164 Resp: 319069
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 67.658 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129680.D

Acq: 09 Aug 2022 22:51

Instrument :

BNA_F

ClientSampleId :

RVE-189

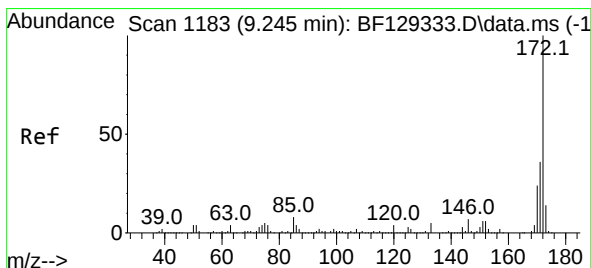
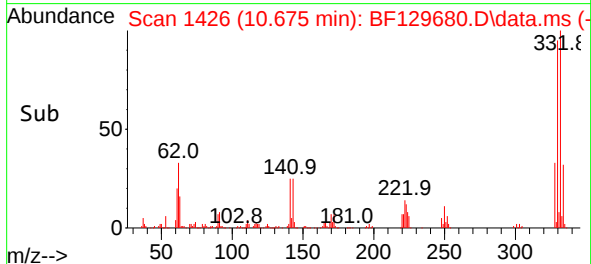
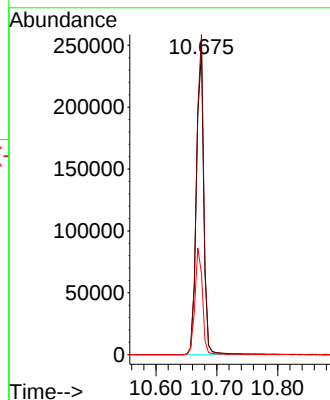
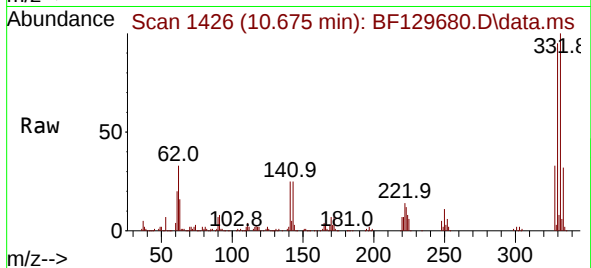
Tgt Ion:330 Resp: 207547

Ion Ratio Lower Upper

330 100

332 103.4 76.8 115.2

141 35.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 53.442 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129680.D

Acq: 09 Aug 2022 22:51

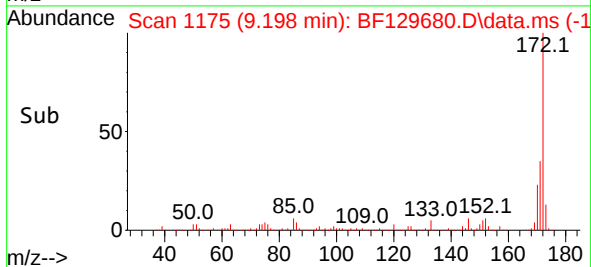
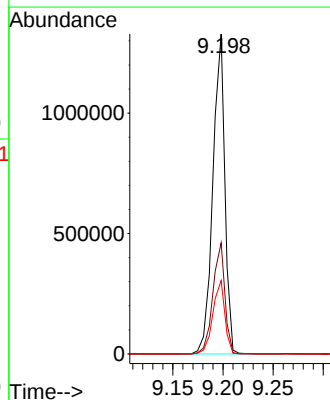
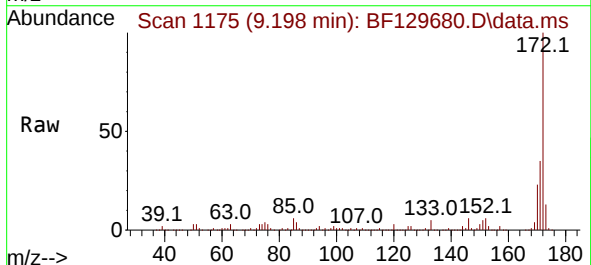
Tgt Ion:172 Resp: 1102286

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.516 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129680.D

Acq: 09 Aug 2022 22:51

Instrument :

BNA_F

ClientSampleId :

RVE-189

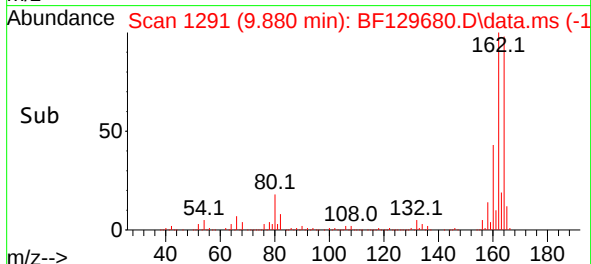
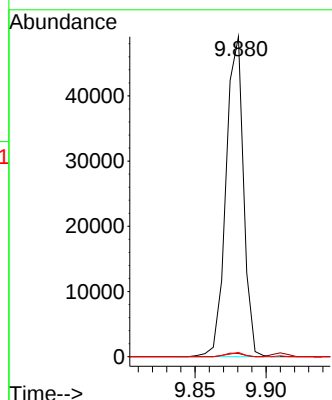
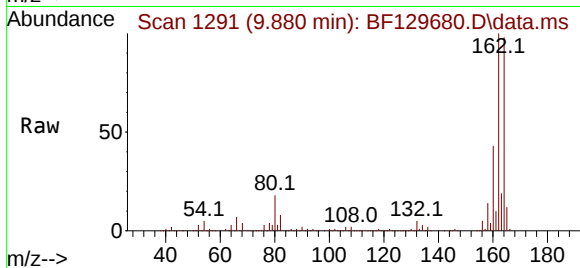
Tgt Ion:165 Resp: 41985

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.519 ng

RT: 9.880 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129680.D

Acq: 09 Aug 2022 22:51

Tgt Ion:165 Resp: 41985

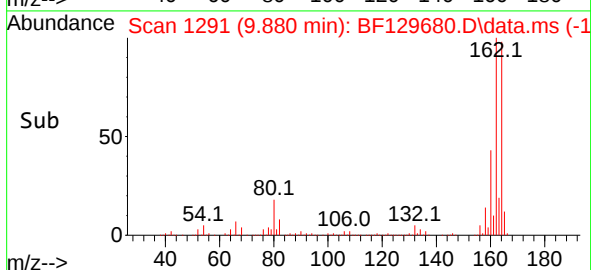
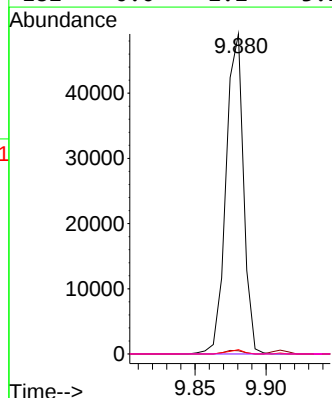
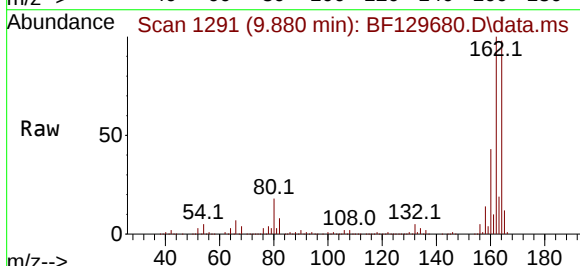
Ion Ratio Lower Upper

165 100

63 1.0 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

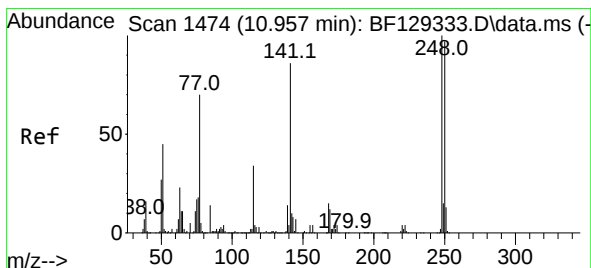
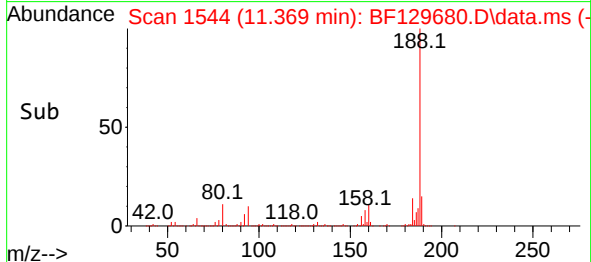
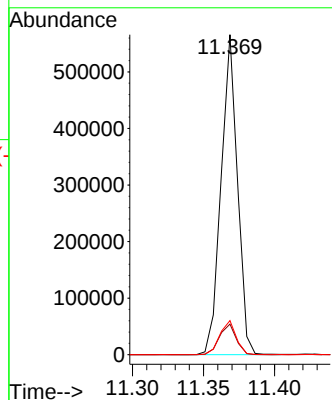
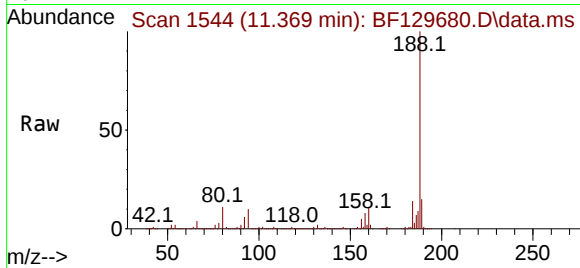




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

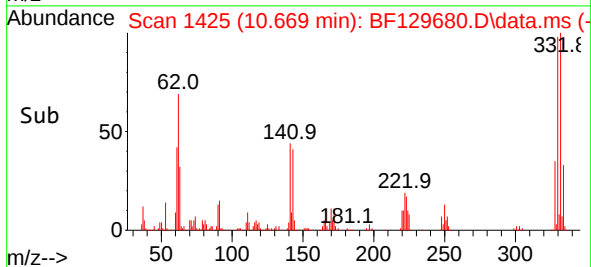
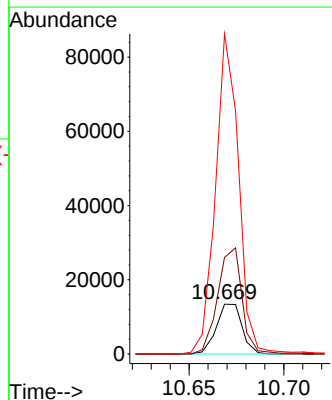
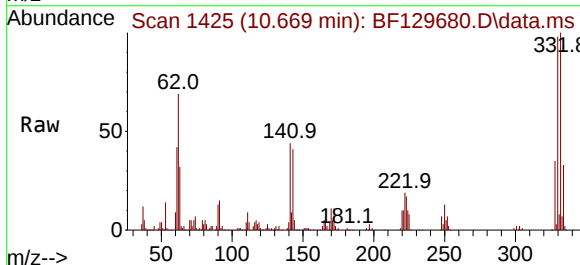
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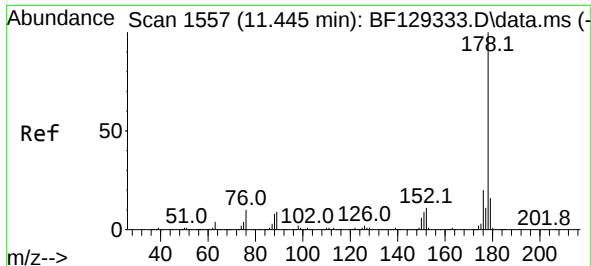
Tgt Ion:188 Resp: 452875
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.549 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.253 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

Tgt Ion:248 Resp: 12643
Ion Ratio Lower Upper
248 100
250 193.9 80.6 120.8#
141 643.0 58.9 88.3#

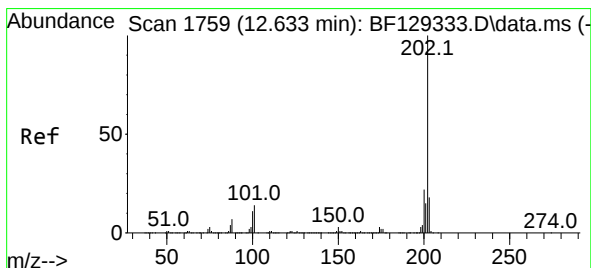
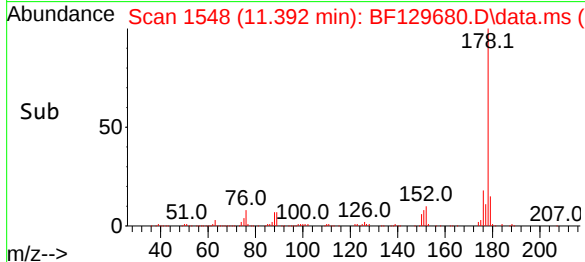
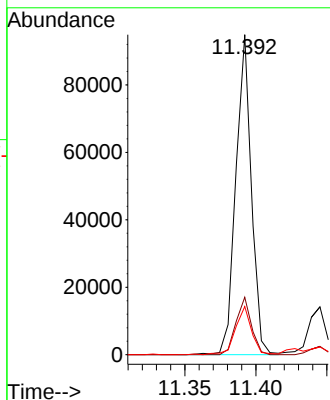
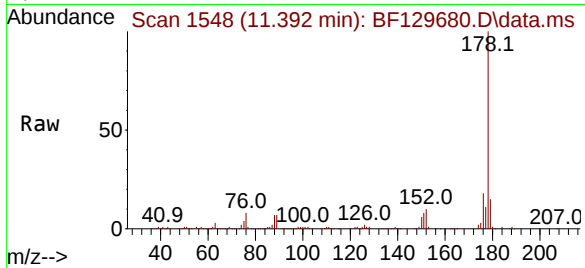




#71
Phenanthrene
Concen: 2.932 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

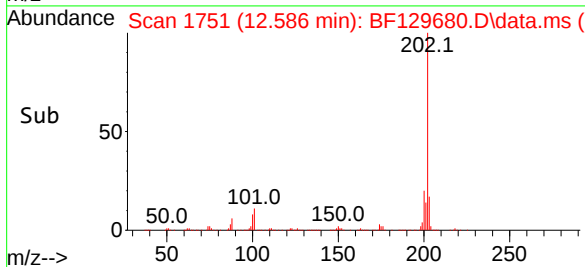
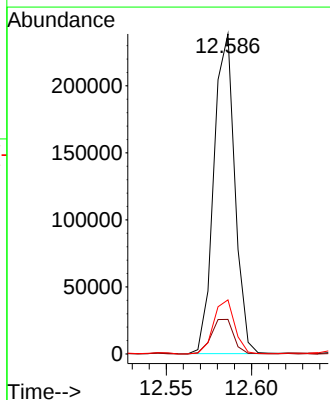
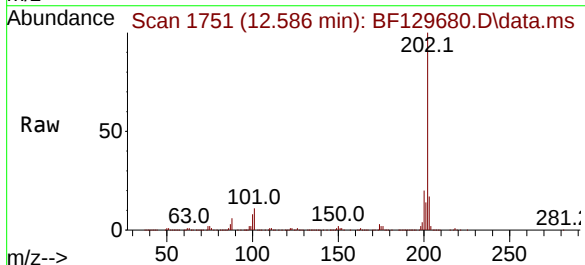
Instrument :
BNA_F
ClientSampleId :
RVE-189

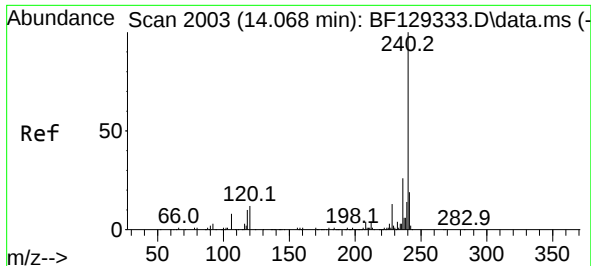
Tgt Ion:178 Resp: 72490
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 15.0 12.6 19.0



#75
Fluoranthene
Concen: 8.173 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

Tgt Ion:202 Resp: 204719
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 16.9 0.0 38.0

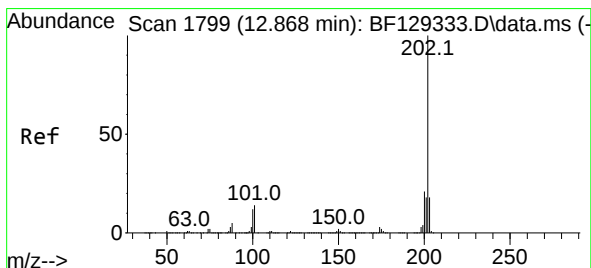
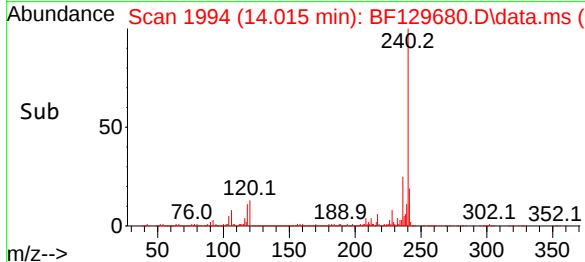
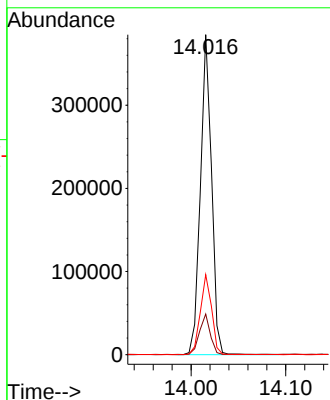
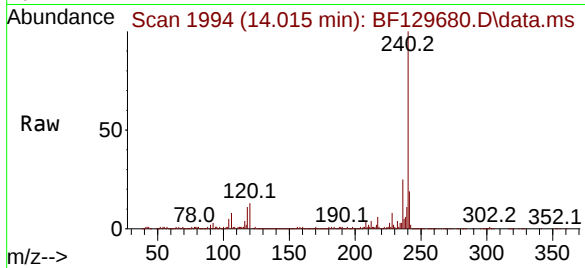




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

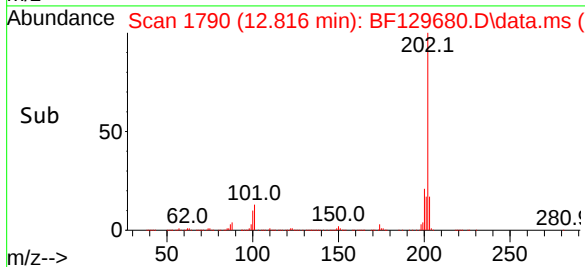
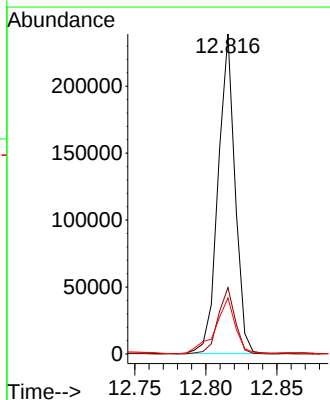
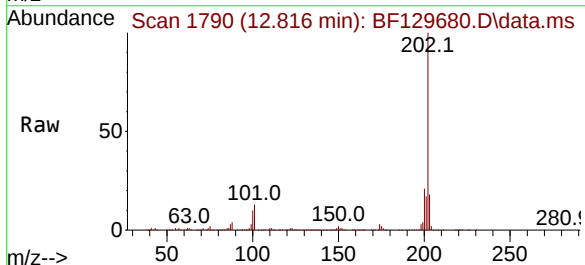
Instrument :
BNA_F
ClientSampleId :
RVE-189

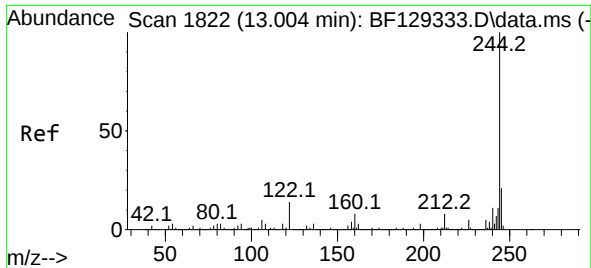
Tgt Ion:240 Resp: 312874
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 25.0 20.8 31.2



#78
Pyrene
Concen: 7.585 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

Tgt Ion:202 Resp: 198443
Ion Ratio Lower Upper
202 100
200 20.8 17.7 26.5
203 17.5 14.6 21.8

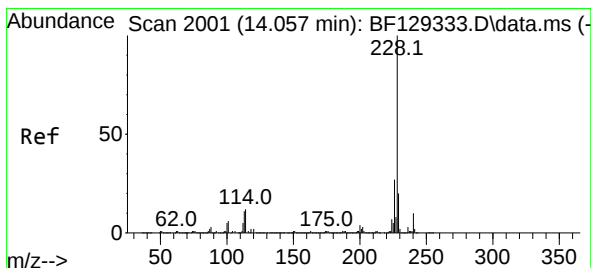
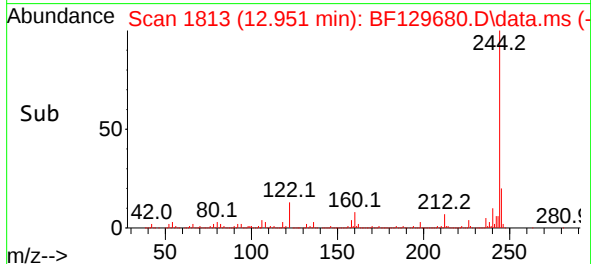
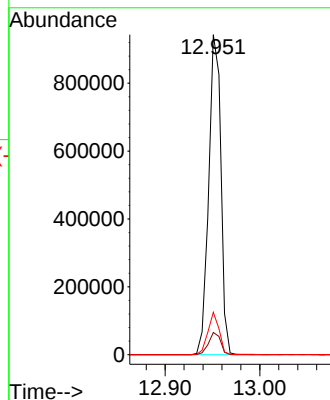
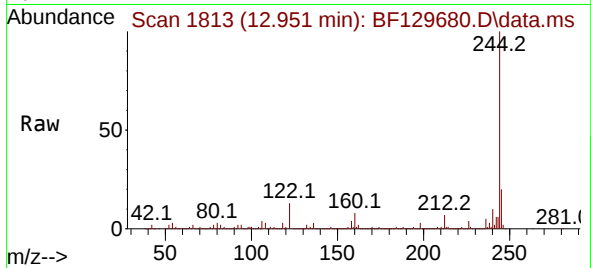




#79
 Terphenyl-d14
 Concen: 50.516 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.018 min
 Lab File: BF129680.D
 Acq: 09 Aug 2022 22:51

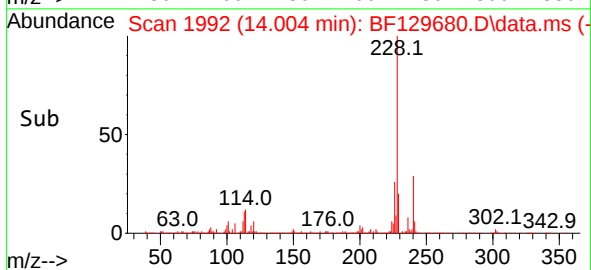
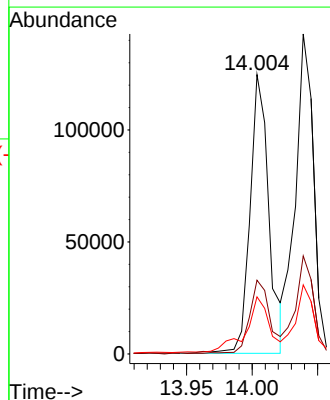
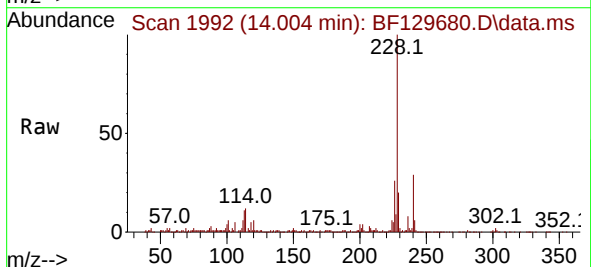
Instrument :
 BNA_F
 ClientSampleId :
 RVE-189

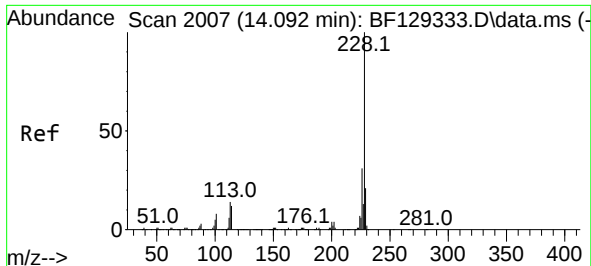
Tgt Ion:244 Resp: 837760
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 13.2 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 5.806 ng
 RT: 14.004 min Scan# 1992
 Delta R.T. -0.012 min
 Lab File: BF129680.D
 Acq: 09 Aug 2022 22:51

Tgt Ion:228 Resp: 124087
 Ion Ratio Lower Upper
 228 100
 226 26.4 22.1 33.1
 229 20.5 15.8 23.8

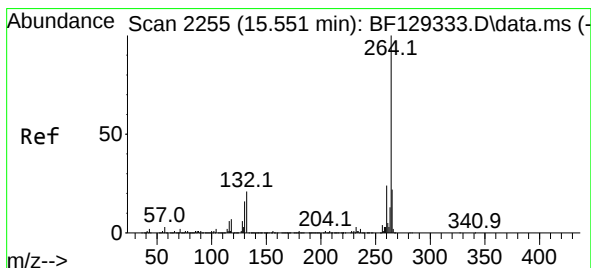
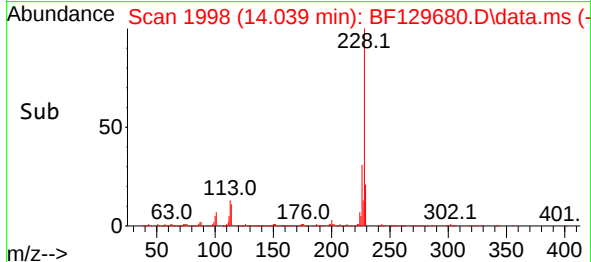
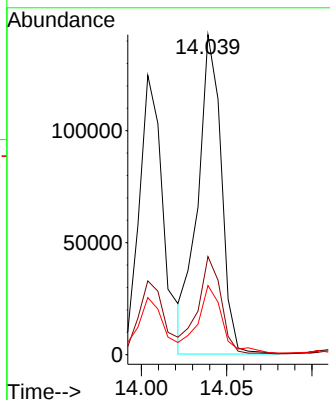
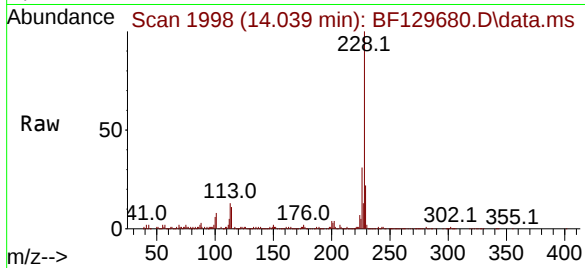




#83
Chrysene
Concen: 6.818 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

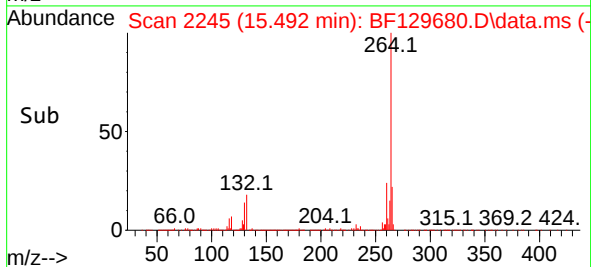
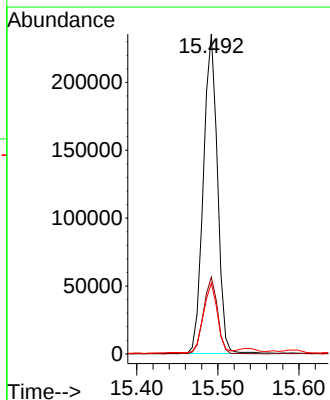
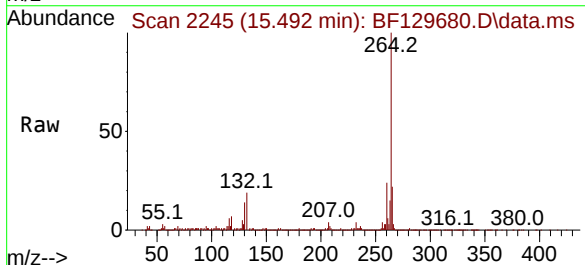
Instrument :
BNA_F
ClientSampleId :
RVE-189

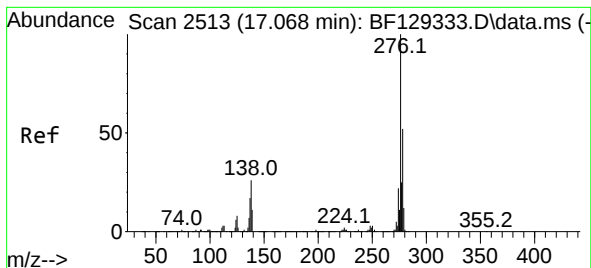
Tgt Ion:228 Resp: 137324
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.6 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

Tgt Ion:264 Resp: 282942
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.100 ng

RT: 16.968 min Scan# 2496

Delta R.T. -0.029 min

Lab File: BF129680.D

Acq: 09 Aug 2022 22:51

Instrument :

BNA_F

ClientSampleId :

RVE-189

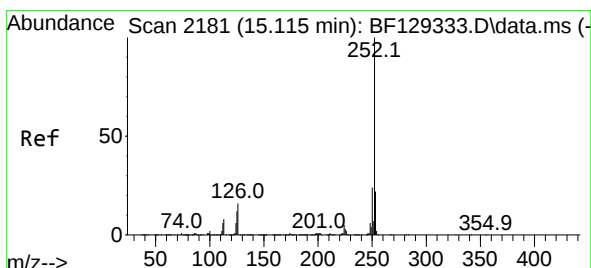
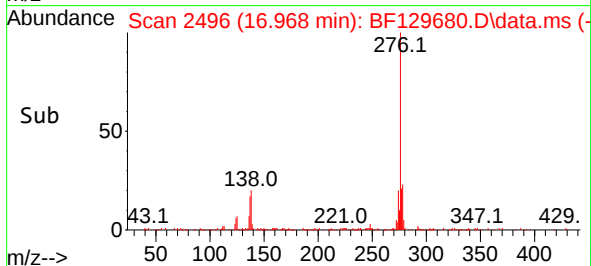
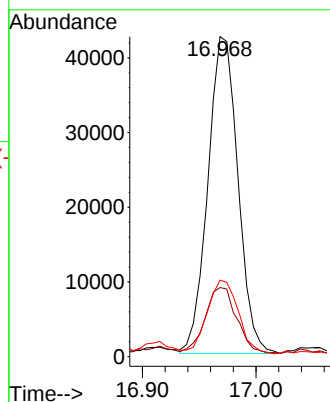
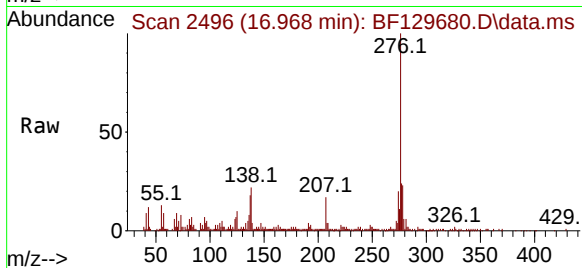
Tgt Ion:276 Resp: 78126

Ion Ratio Lower Upper

276 100

138 21.7 21.1 31.7

277 24.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 14.396 ng

RT: 15.057 min Scan# 2171

Delta R.T. -0.012 min

Lab File: BF129680.D

Acq: 09 Aug 2022 22:51

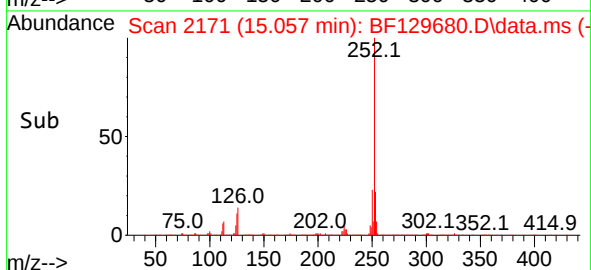
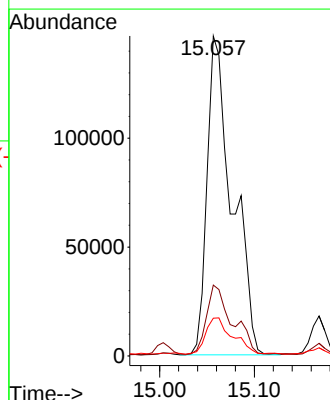
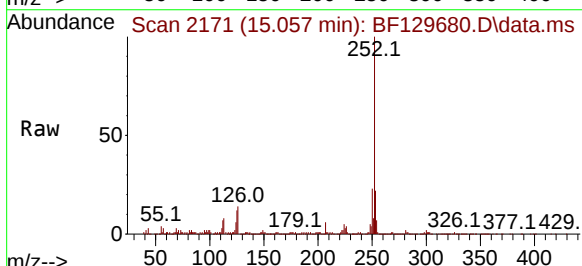
Tgt Ion:252 Resp: 270199

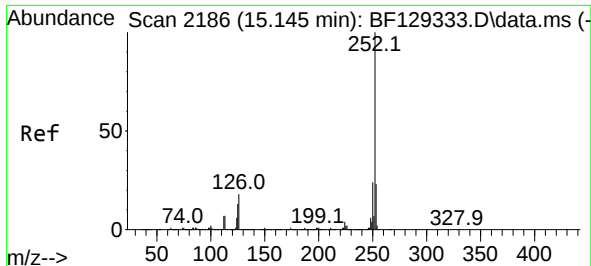
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.8 8.0 12.0

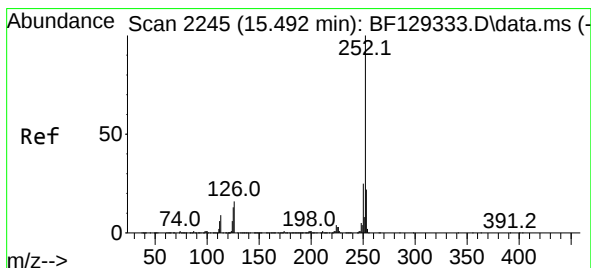
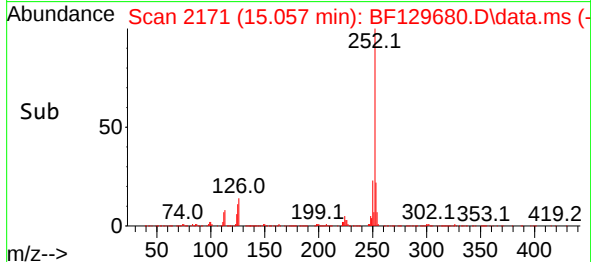
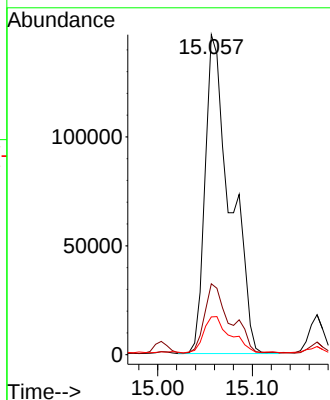
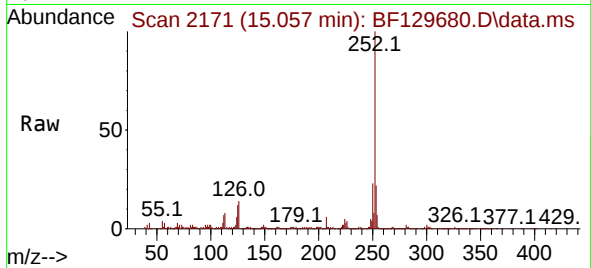




#89
Benzo(k)fluoranthene
Concen: 14.691 ng
RT: 15.057 min Scan# 2186
Delta R.T. -0.047 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

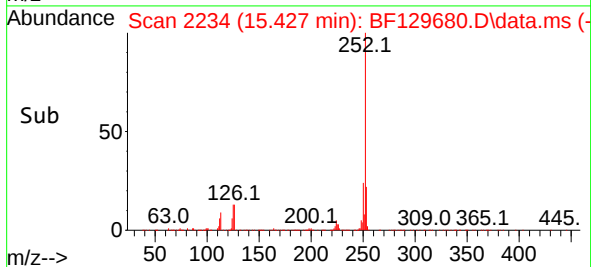
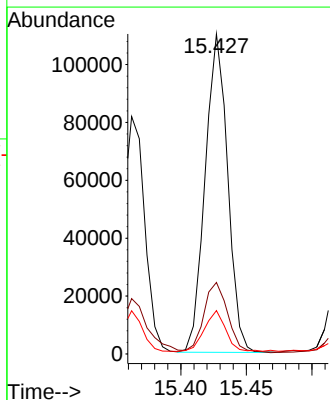
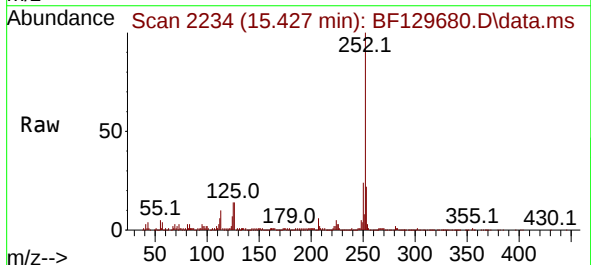
Instrument :
BNA_F
ClientSampleId :
RVE-189

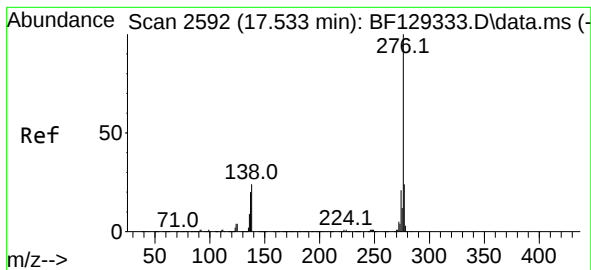
Tgt Ion:252 Resp: 270199
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 8.637 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129680.D
Acq: 09 Aug 2022 22:51

Tgt Ion:252 Resp: 131596
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 13.6 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 4.805 ng

RT: 17.421 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF129680.D

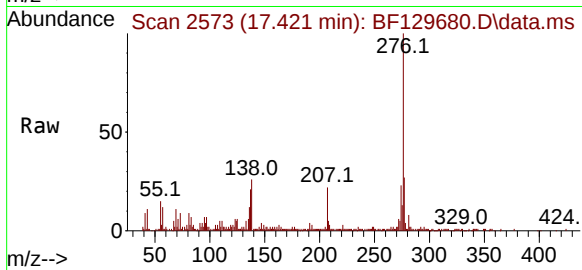
Acq: 09 Aug 2022 22:51

Instrument :

BNA_F

ClientSampleId :

RVE-189



Tgt Ion:276 Resp: 76135

Ion Ratio Lower Upper

276 100

277 26.5 19.1 28.7

138 25.6 18.0 27.0

