

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129650.D
 Acq On : 09 Aug 2022 01:37
 Operator : CG\JU
 Sample : N3960-13RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-160RE

Quant Time: Aug 09 02:33:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

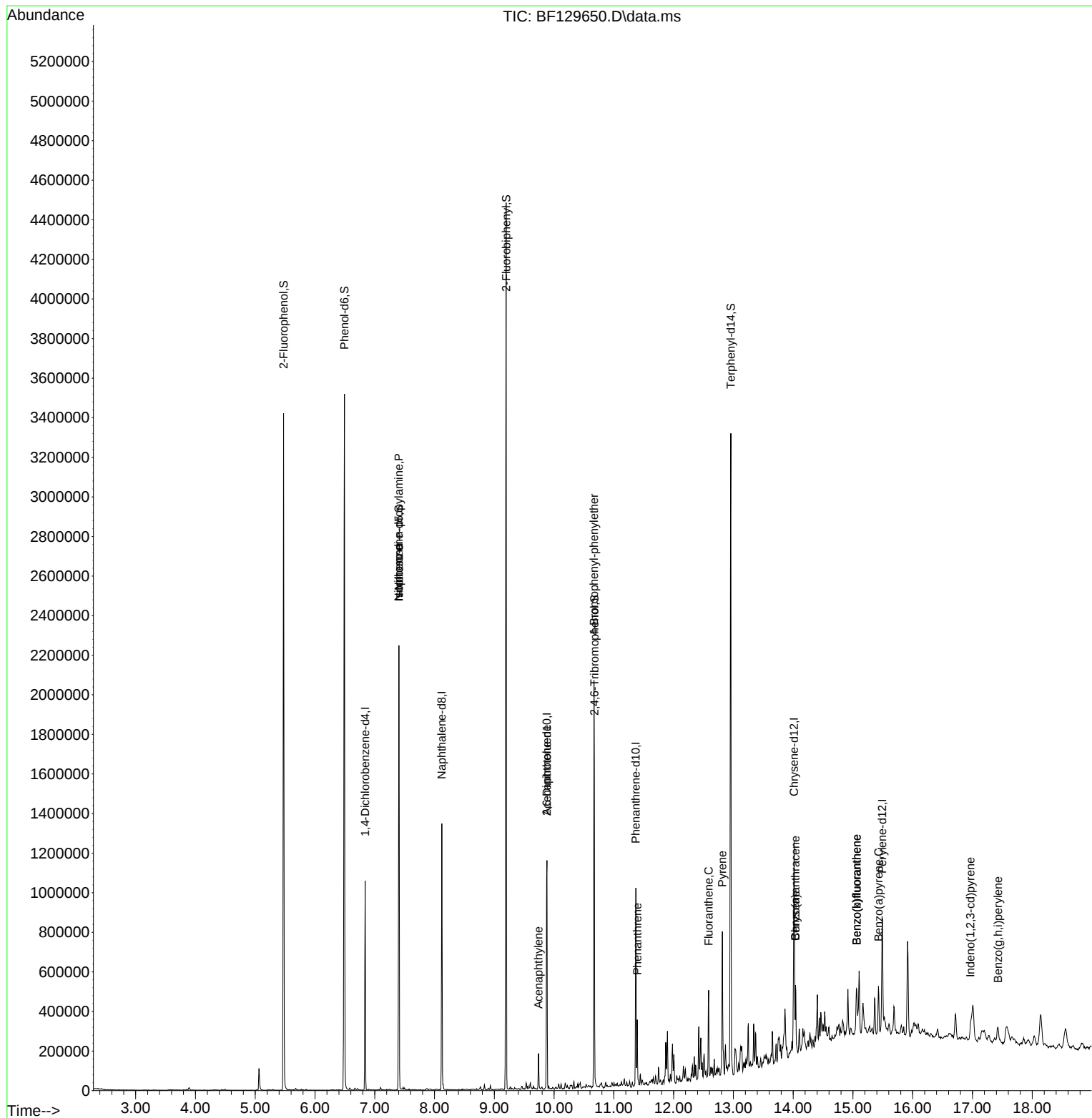
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	138720	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	518268	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	236256	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	327642	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	296675	20.000	ng	-0.01
86) Perylene-d12	15.492	264	239482	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	851885	100.037	ng	0.00
7) Phenol-d6	6.492	99	1118881	104.532	ng	-0.01
23) Nitrobenzene-d5	7.404	82	666330	70.184	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	226402	99.674	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1220403	79.909	ng	-0.01
79) Terphenyl-d14	12.957	244	1062760	67.582	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	88708	13.690	ng	# 73
25) Isophorone	7.404	82	664427	39.042	ng	# 65
49) Acenaphthylene	9.739	152	64954	3.067	ng	98
51) 2,6-Dinitrotoluene	9.880	165	30494	8.354	ng	# 26
67) 4-Bromophenyl-phenylether	10.669	248	14334	3.995	ng	# 1
71) Phenanthrene	11.392	178	109537	6.124	ng	98
75) Fluoranthene	12.586	202	148218	8.179	ng	99
78) Pyrene	12.816	202	266279	10.733	ng	98
81) Benzo(a)anthracene	14.039	228	140137	6.915	ng	96
83) Chrysene	14.039	228	140137	7.337	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	45325	2.811	ng	98
88) Benzo(b)fluoranthene	15.062	252	153558	9.667	ng	# 95
89) Benzo(k)fluoranthene	15.062	252	153558	9.864	ng	# 96
90) Benzo(a)pyrene	15.427	252	95630	7.416	ng	# 96
92) Benzo(g,h,i)perylene	17.427	276	58890	4.391	ng	97

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

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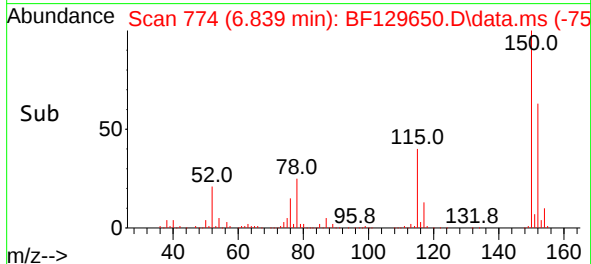
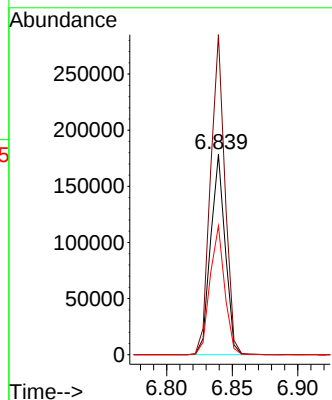
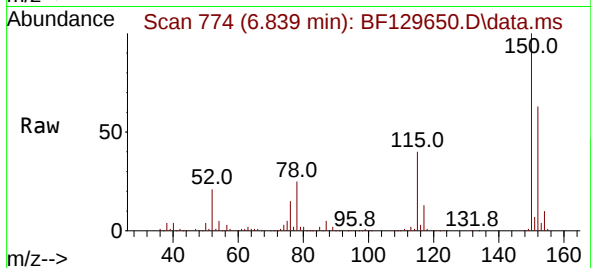




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129650.D
 Acq: 09 Aug 2022 01:37

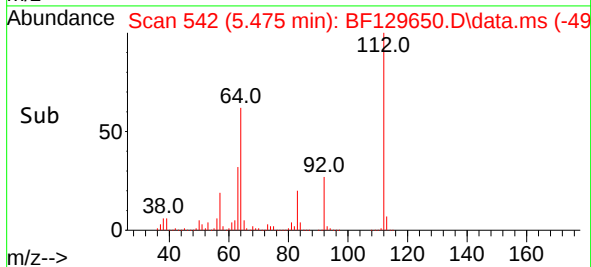
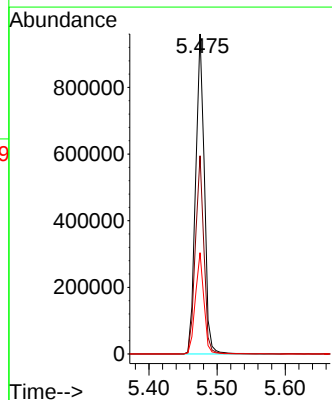
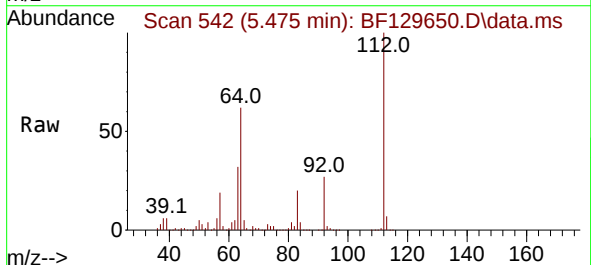
Instrument :
 BNA_F
 ClientSampleId :
 RVE-160RE

Tgt Ion:152 Resp: 138720
 Ion Ratio Lower Upper
 152 100
 150 159.7 123.7 185.5
 115 64.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 100.037 ng
 RT: 5.475 min Scan# 542
 Delta R.T. -0.006 min
 Lab File: BF129650.D
 Acq: 09 Aug 2022 01:37

Tgt Ion:112 Resp: 851885
 Ion Ratio Lower Upper
 112 100
 64 61.9 53.3 79.9
 63 31.6 28.0 42.0

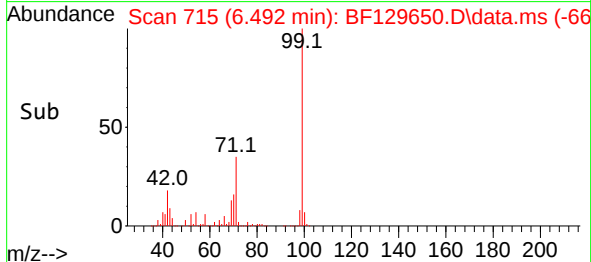
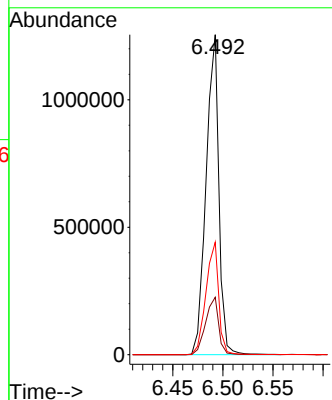
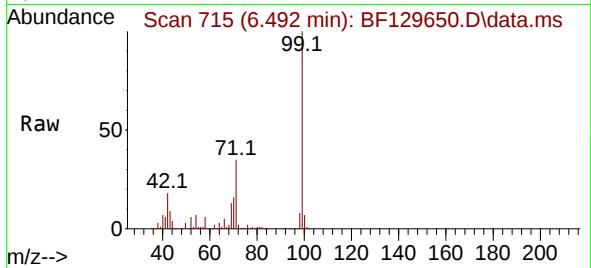




#7
Phenol-d6
Concen: 104.532 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

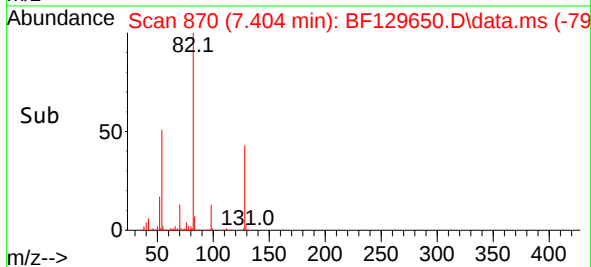
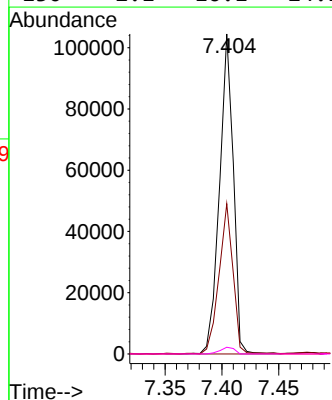
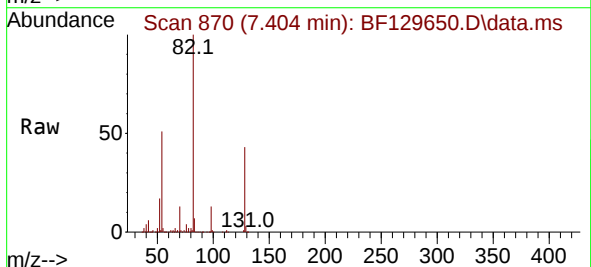
Instrument :
BNA_F
ClientSampleId :
RVE-160RE

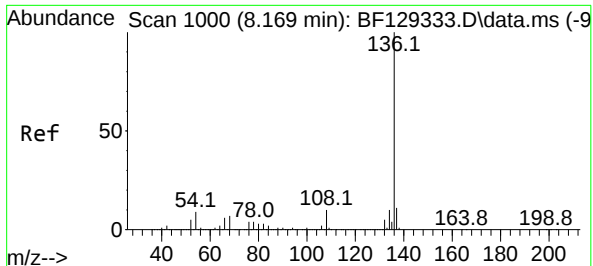
Tgt Ion: 99 Resp: 1118881
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.690 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

Tgt Ion: 70 Resp: 88708
Ion Ratio Lower Upper
70 100
42 47.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



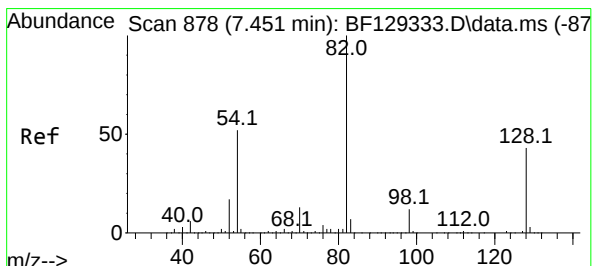
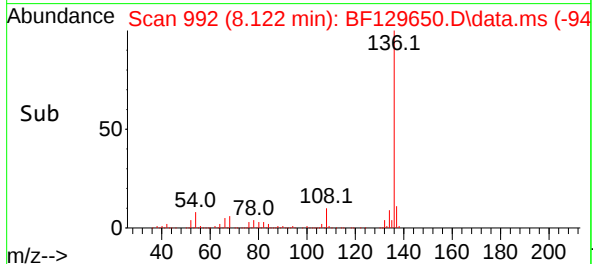
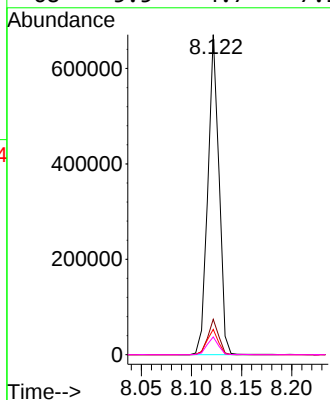
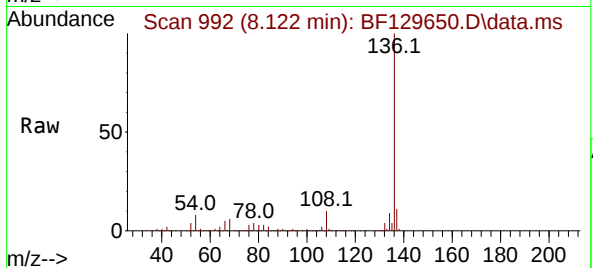


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

Instrument :
BNA_F
ClientSampleId :
RVE-160RE

Tgt Ion:136 Resp: 518268

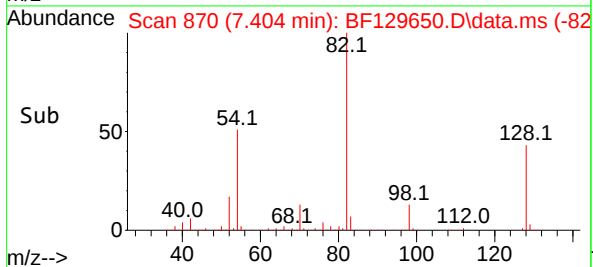
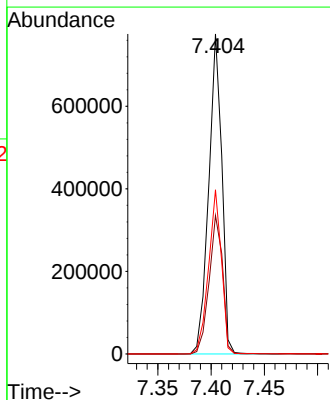
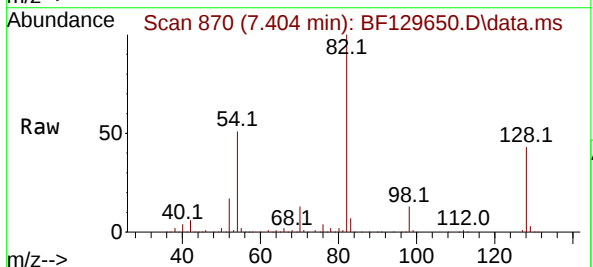
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	7.5	11.3
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.184 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

Tgt Ion: 82 Resp: 666330

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	51.3	46.9	70.3

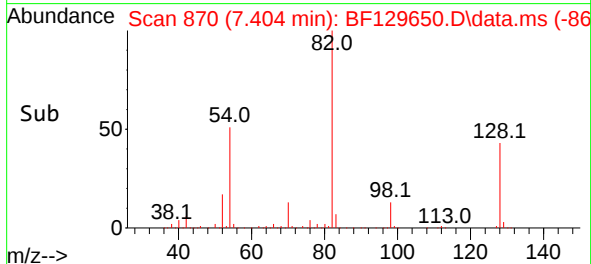
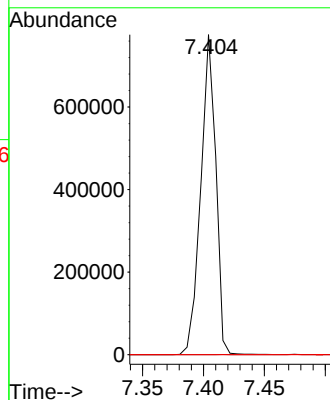
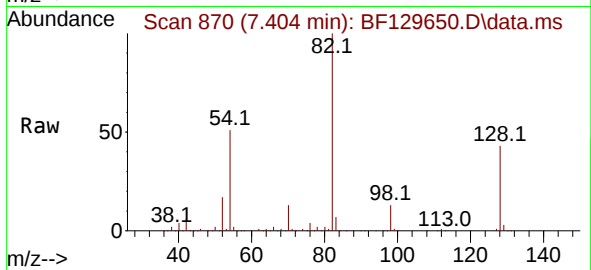




#25
Isophorone
Concen: 39.042 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

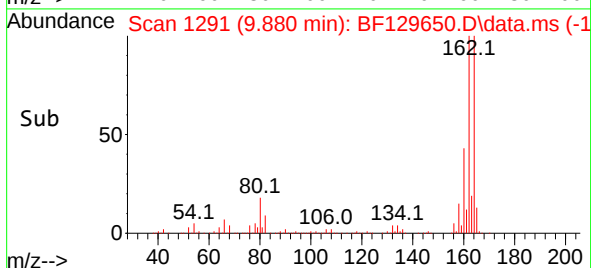
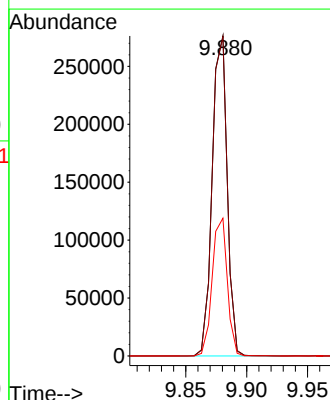
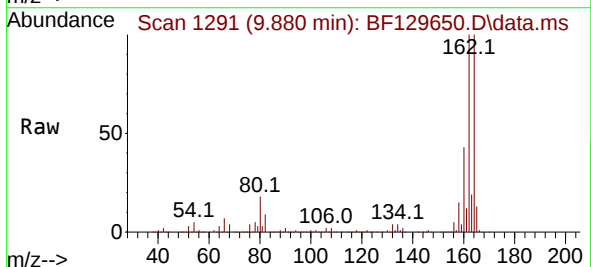
Instrument :
BNA_F
ClientSampleId :
RVE-160RE

Tgt Ion: 82 Resp: 664427
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: BF129650.D
Acq: 09 Aug 2022 01:37

Tgt Ion:164 Resp: 236256
Ion Ratio Lower Upper
164 100
162 99.8 79.5 119.3
160 43.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 99.674 ng

RT: 10.675 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129650.D

Acq: 09 Aug 2022 01:37

Instrument :

BNA_F

ClientSampleId :

RVE-160RE

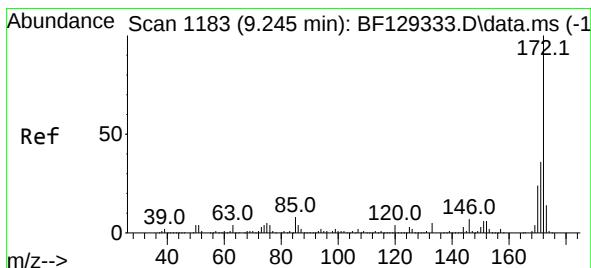
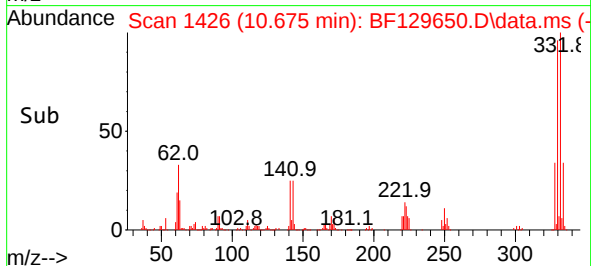
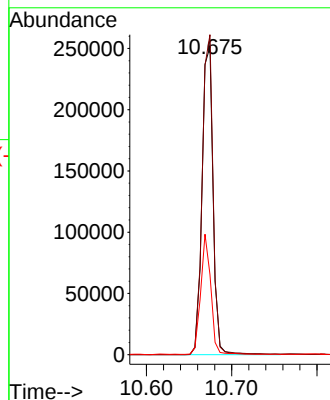
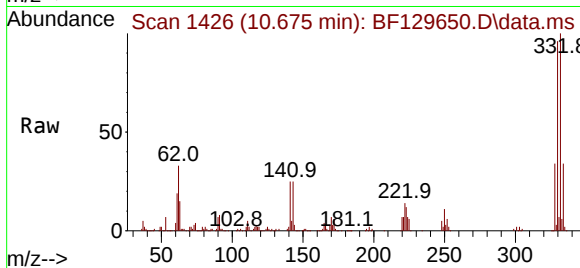
Tgt Ion:330 Resp: 226402

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 35.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.909 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129650.D

Acq: 09 Aug 2022 01:37

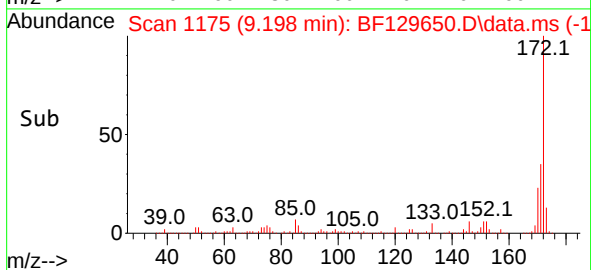
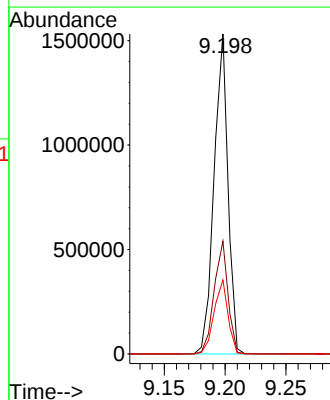
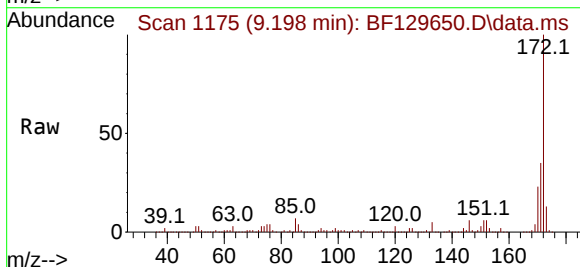
Tgt Ion:172 Resp: 1220403

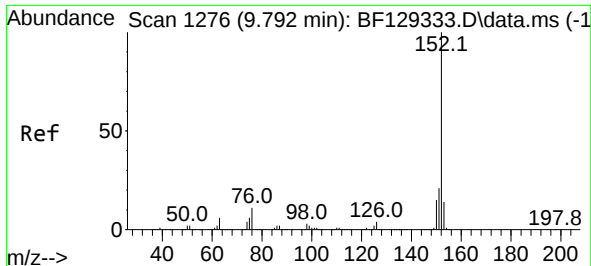
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.1 19.8 29.8





#49

Acenaphthylene

Concen: 3.067 ng

RT: 9.739 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF129650.D

Acq: 09 Aug 2022 01:37

Instrument :

BNA_F

ClientSampleId :

RVE-160RE

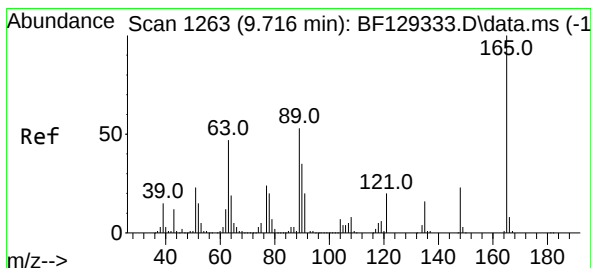
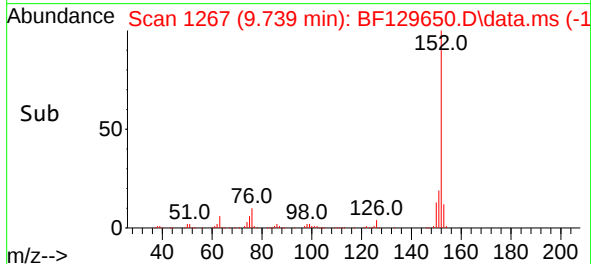
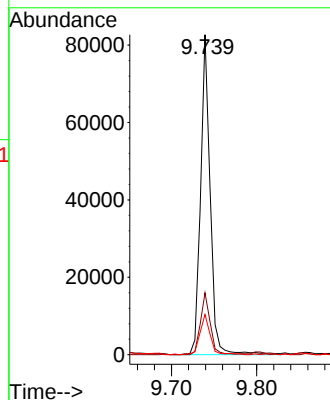
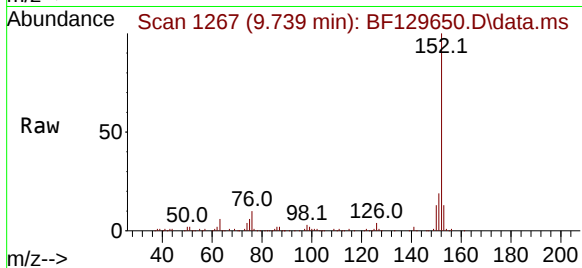
Tgt Ion:152 Resp: 64954

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.4

153 12.5 10.7 16.1



#51

2,6-Dinitrotoluene

Concen: 8.354 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129650.D

Acq: 09 Aug 2022 01:37

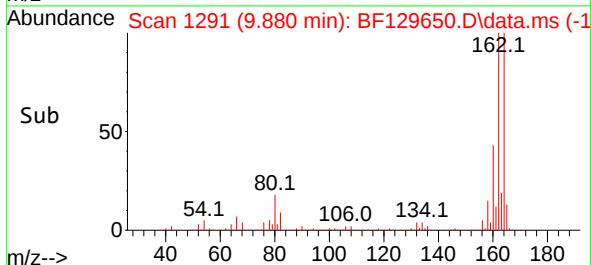
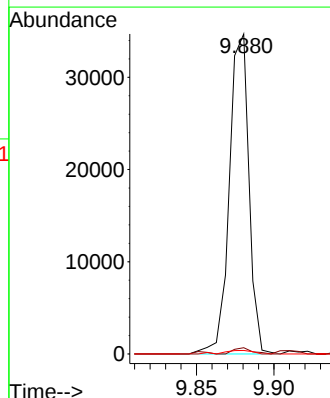
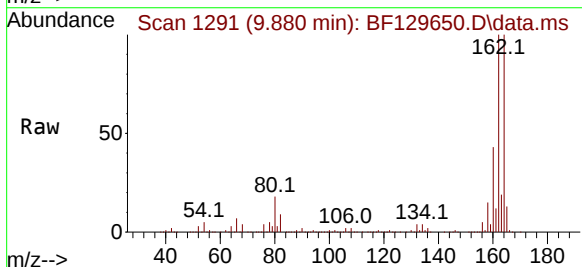
Tgt Ion:165 Resp: 30494

Ion Ratio Lower Upper

165 100

63 1.9 44.9 67.3#

89 1.1 43.6 65.4#

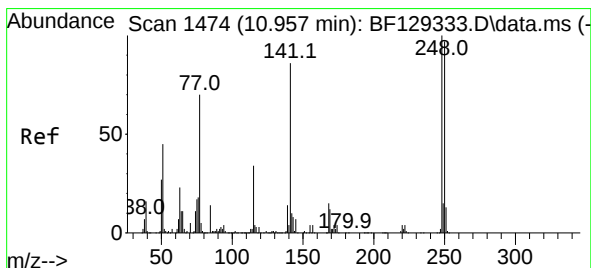
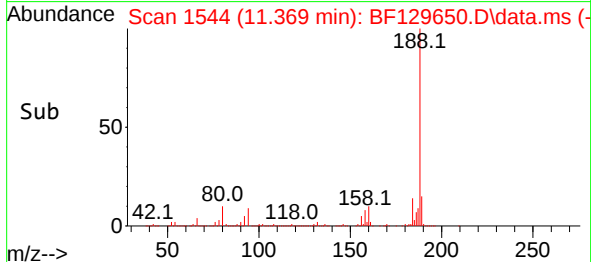
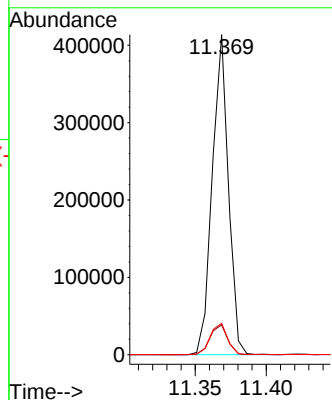
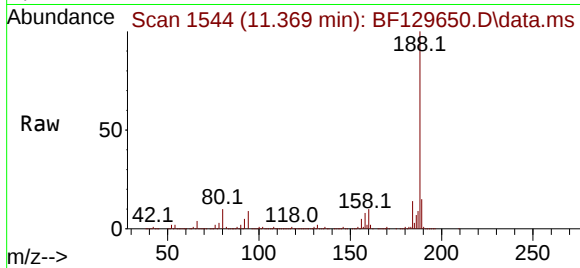




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

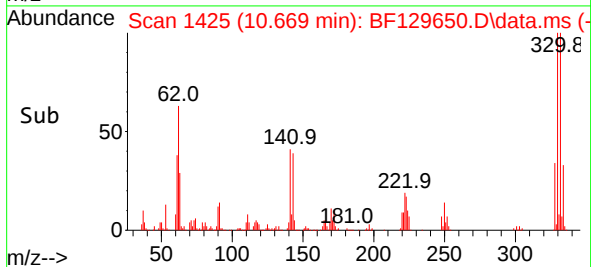
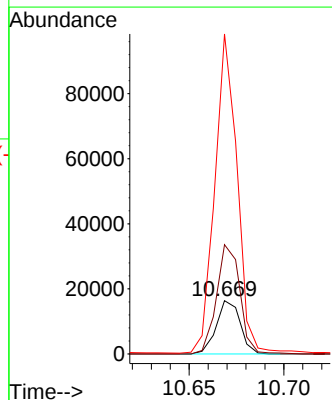
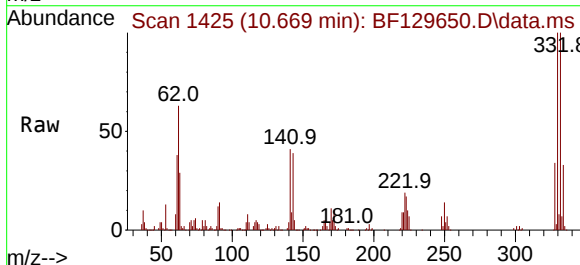
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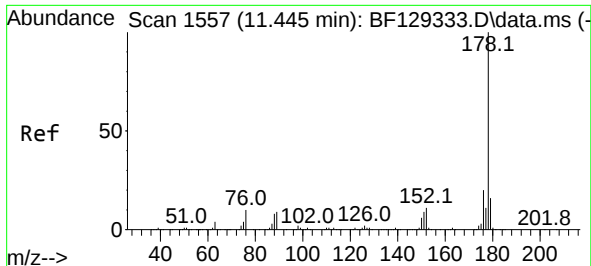
Tgt Ion:188 Resp: 327642
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.995 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.253 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

Tgt Ion:248 Resp: 14334
Ion Ratio Lower Upper
248 100
250 205.2 80.6 120.8#
141 600.6 58.9 88.3#

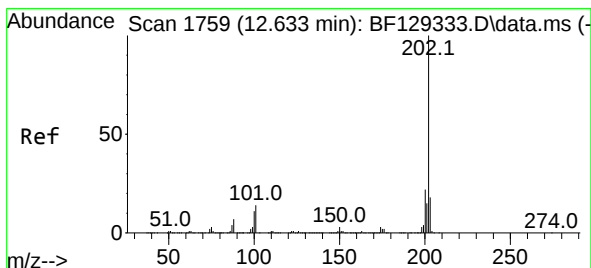
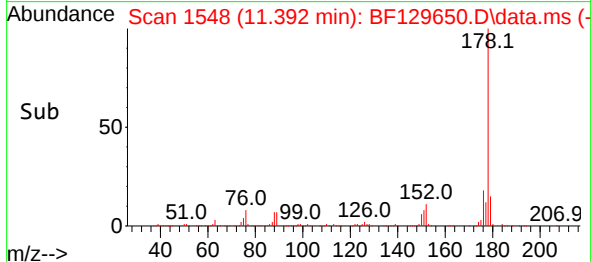
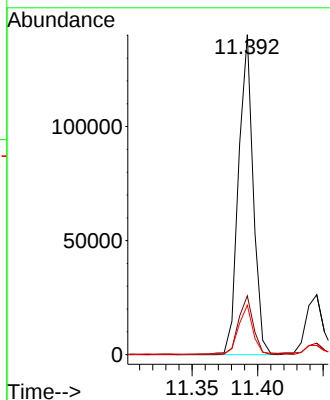
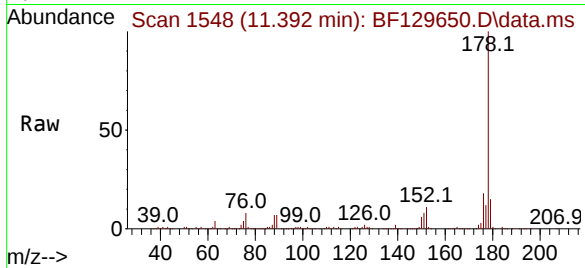




#71
Phenanthrene
Concen: 6.124 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

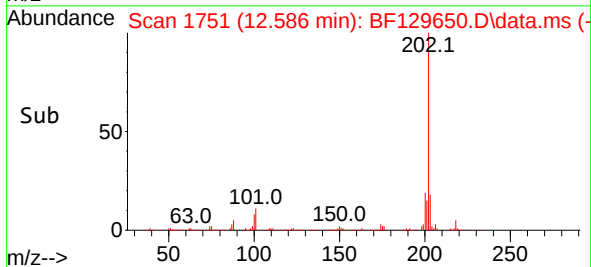
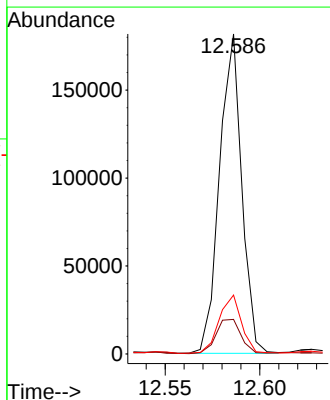
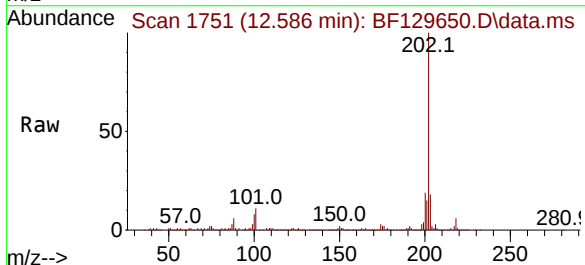
Instrument :
BNA_F
ClientSampleId :
RVE-160RE

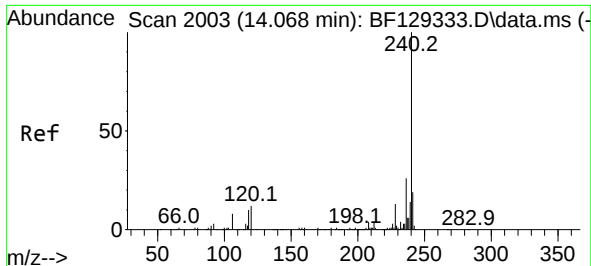
Tgt Ion:178 Resp: 109537
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.5 12.6 19.0



#75
Fluoranthene
Concen: 8.179 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

Tgt Ion:202 Resp: 148218
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 18.4 0.0 38.0

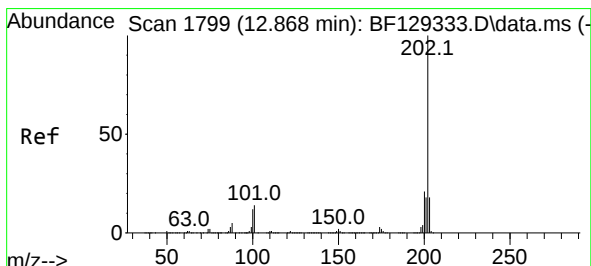
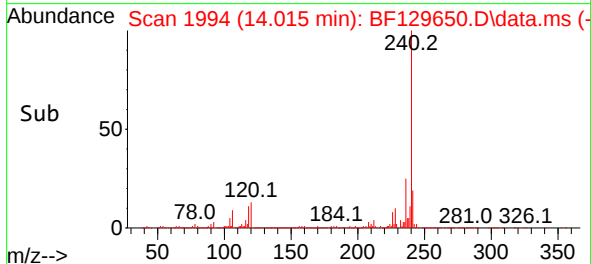
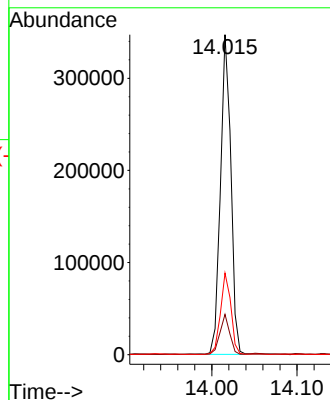
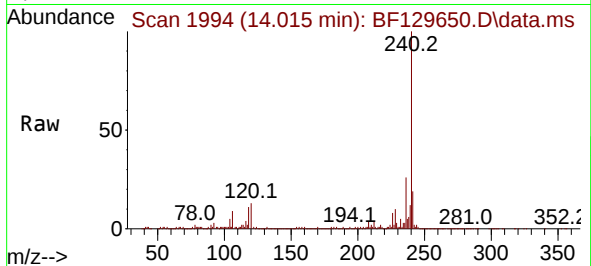




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

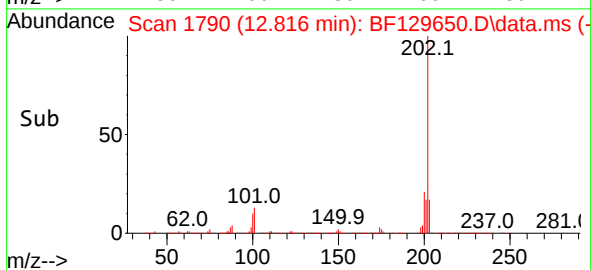
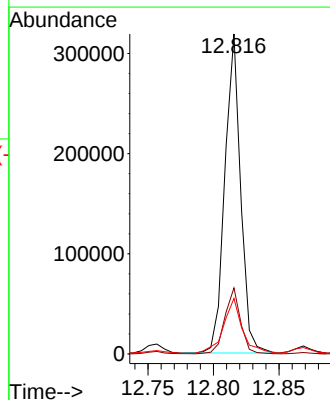
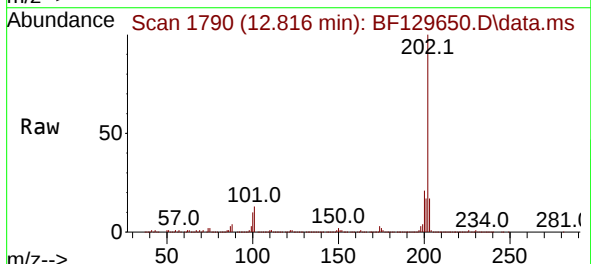
Instrument :
BNA_F
ClientSampleId :
RVE-160RE

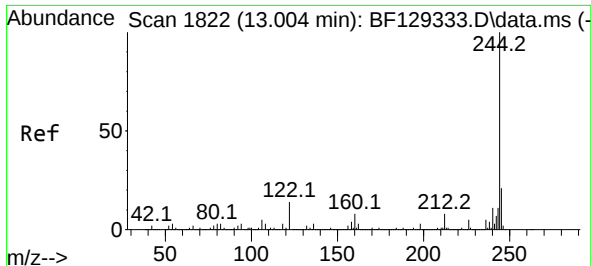
Tgt Ion:240 Resp: 296675
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.5 20.8 31.2



#78
Pyrene
Concen: 10.733 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

Tgt Ion:202 Resp: 266279
Ion Ratio Lower Upper
202 100
200 20.7 17.7 26.5
203 17.4 14.6 21.8

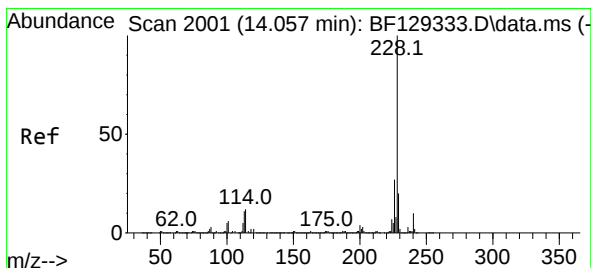
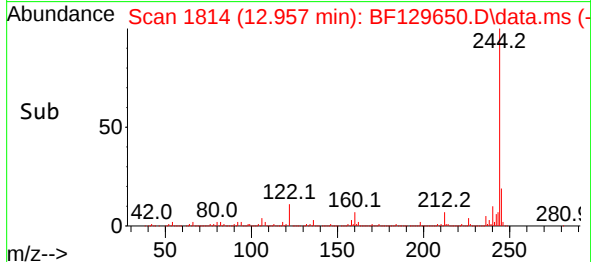
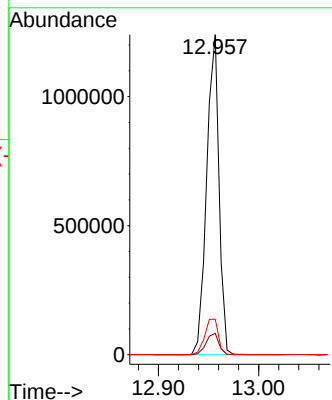
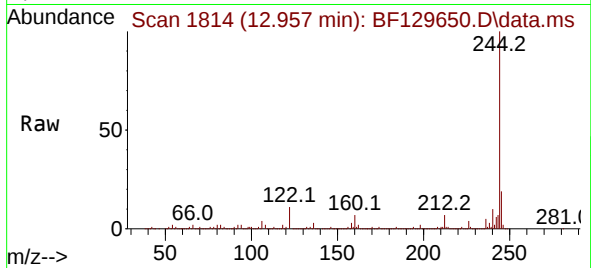




#79
 Terphenyl-d14
 Concen: 67.582 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF129650.D
 Acq: 09 Aug 2022 01:37

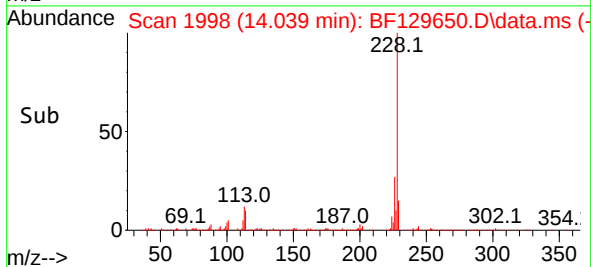
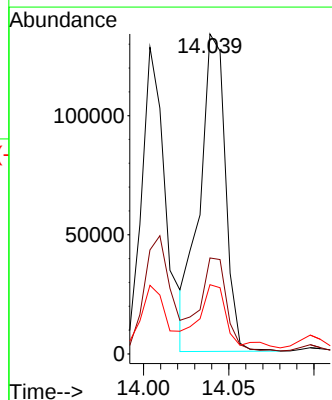
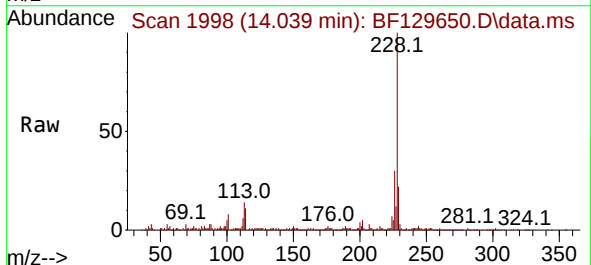
Instrument :
 BNA_F
 ClientSampleId :
 RVE-160RE

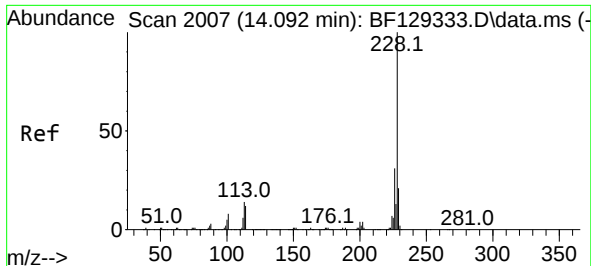
Tgt Ion:244 Resp: 1062760
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 11.1 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 6.915 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. 0.023 min
 Lab File: BF129650.D
 Acq: 09 Aug 2022 01:37

Tgt Ion:228 Resp: 140137
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.1 33.1
 229 21.6 15.8 23.8

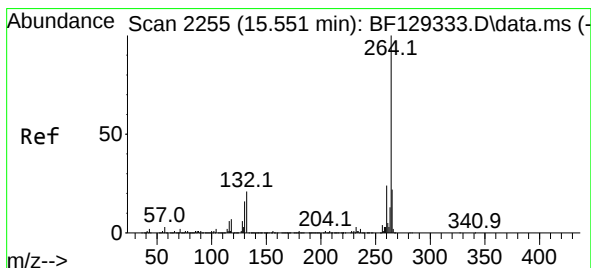
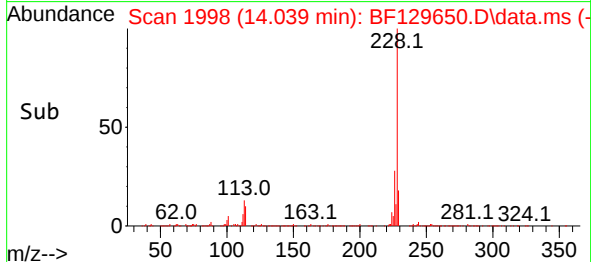
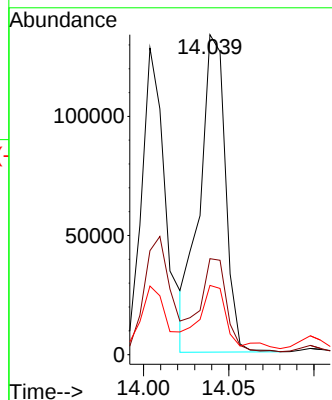
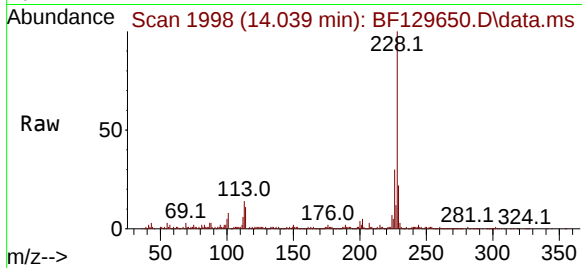




#83
Chrysene
Concen: 7.337 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

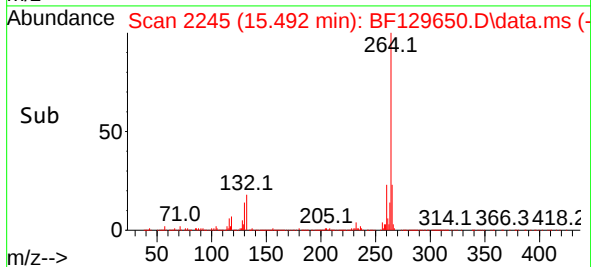
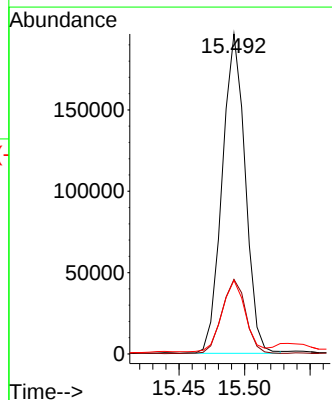
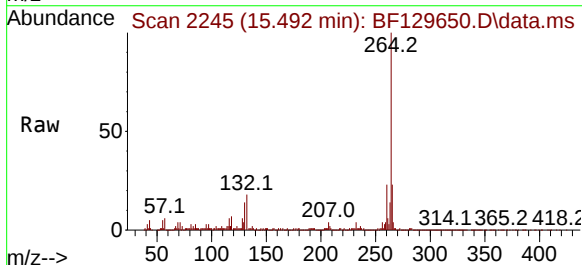
Instrument :
BNA_F
ClientSampleId :
RVE-160RE

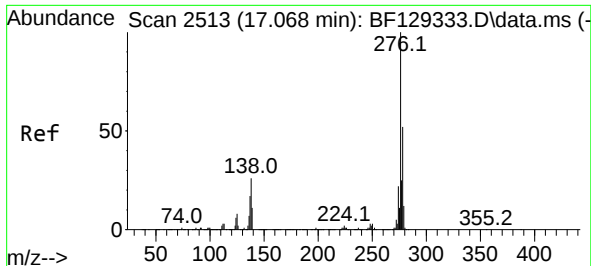
Tgt Ion:228 Resp: 140137
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 21.6 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

Tgt Ion:264 Resp: 239482
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 23.0 17.2 25.8

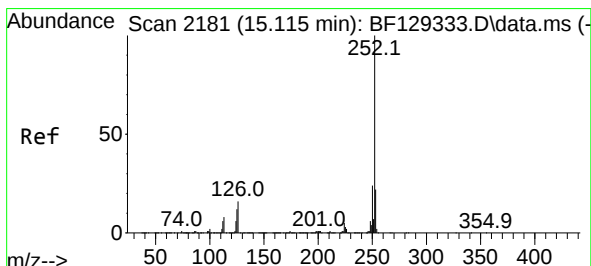
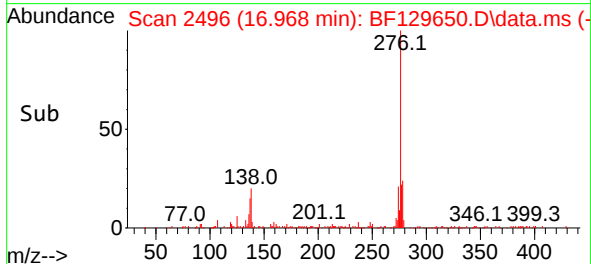
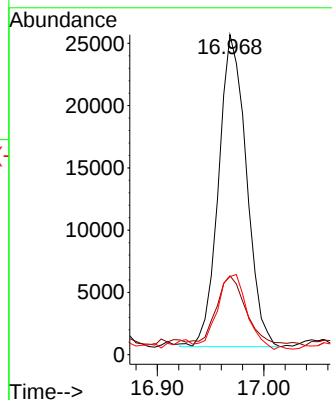
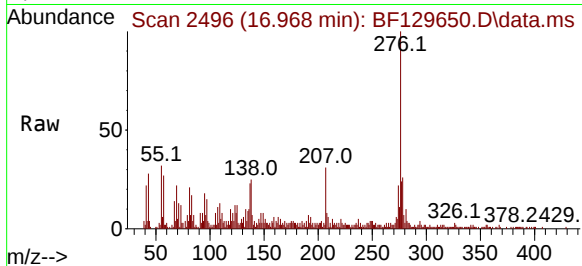




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.811 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.030 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

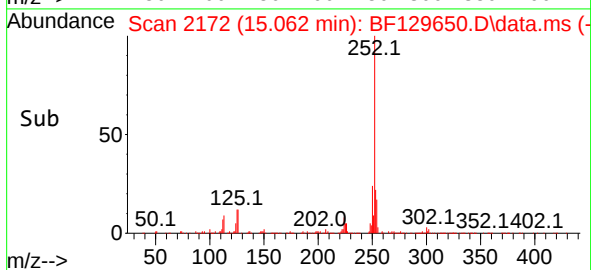
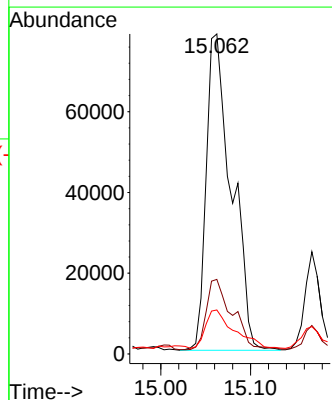
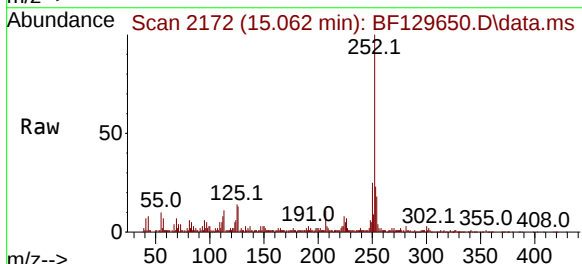
Instrument :
BNA_F
ClientSampleId :
RVE-160RE

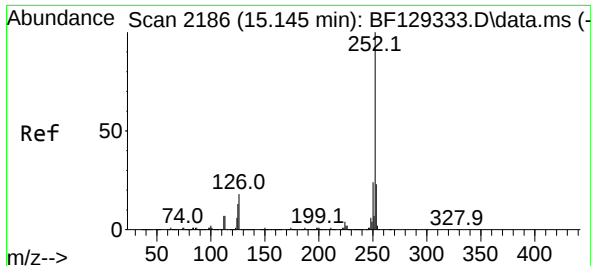
Tgt Ion:276 Resp: 45325
Ion Ratio Lower Upper
276 100
138 24.6 21.1 31.7
277 25.7 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 9.667 ng
RT: 15.062 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

Tgt Ion:252 Resp: 153558
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 13.7 8.0 12.0#

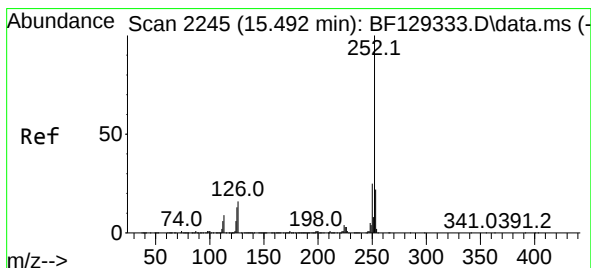
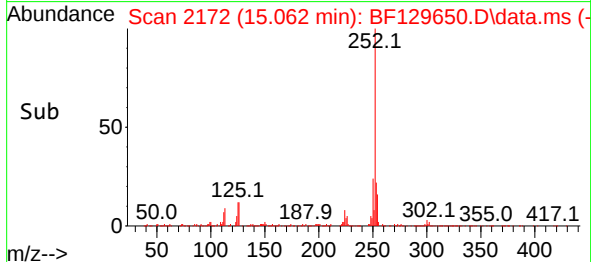
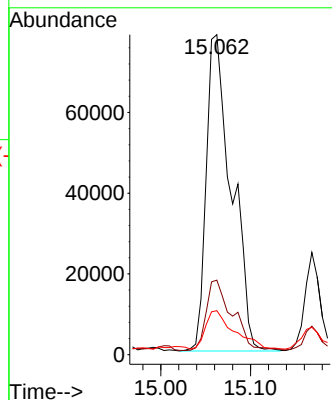
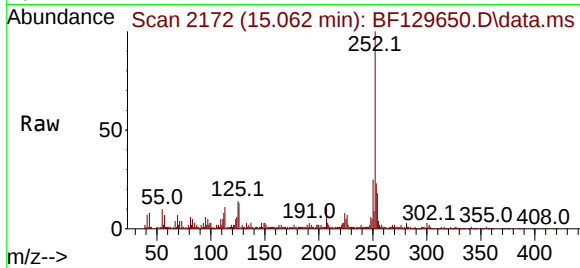




#89
Benzo(k)fluoranthene
Concen: 9.864 ng
RT: 15.062 min Scan# 2186
Delta R.T. -0.041 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

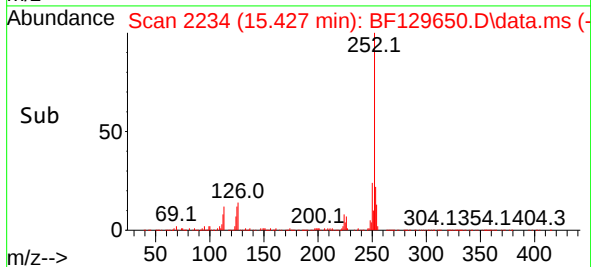
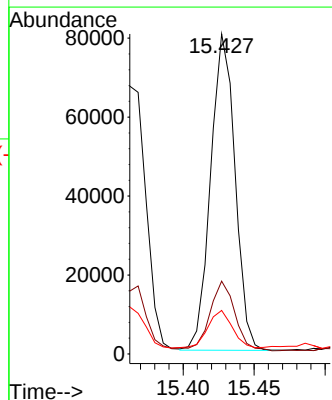
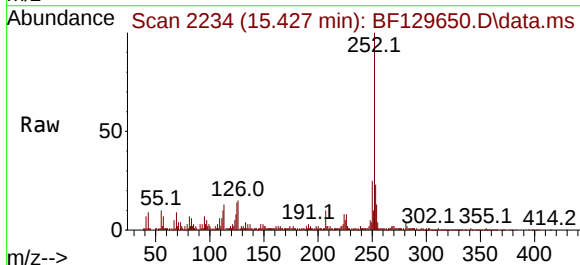
Instrument :
BNA_F
ClientSampleId :
RVE-160RE

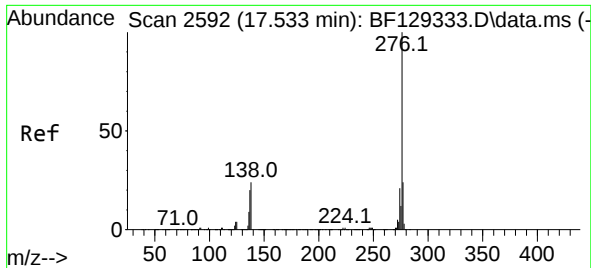
Tgt Ion:252 Resp: 153558
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 13.7 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 7.416 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

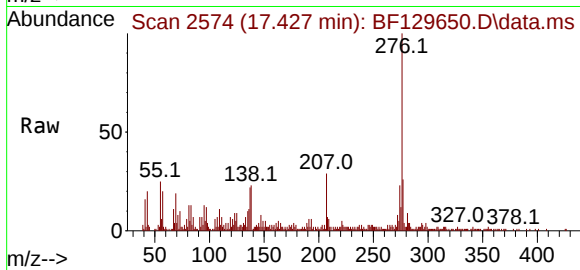
Tgt Ion:252 Resp: 95630
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.6 8.8 13.2#





#92
Benzo(g,h,i)perylene
Concen: 4.391 ng
RT: 17.427 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF129650.D
Acq: 09 Aug 2022 01:37

Instrument :
BNA_F
ClientSampleId :
RVE-160RE



Tgt Ion:276 Resp: 58890
Ion Ratio Lower Upper
276 100
277 25.9 19.1 28.7
138 23.2 18.0 27.0

