

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129108.D
 Acq On : 01 Jul 2022 23:29
 Operator : CG\JU
 Sample : N3562-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10B

Quant Time: Jul 02 01:27:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

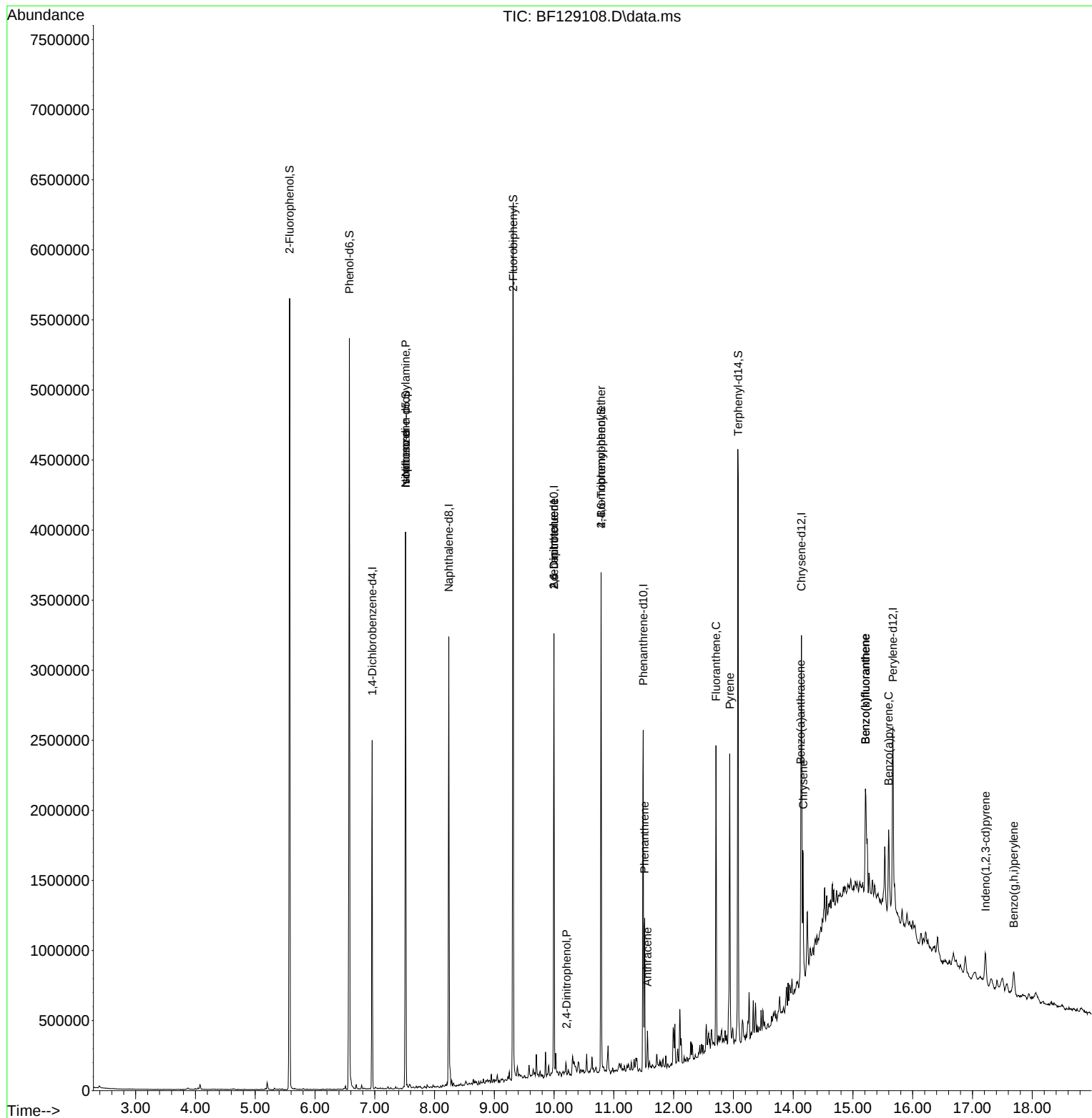
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	343756	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1264361	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	606386	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	880570	20.000	ng	0.00
76) Chrysene-d12	14.139	240	695588	20.000	ng	-0.01
86) Perylene-d12	15.668	264	589334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1542189	75.847	ng	-0.01
7) Phenol-d6	6.575	99	1921401	76.086	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1163104	54.870	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	403532	61.201	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2000531	52.779	ng	0.00
79) Terphenyl-d14	13.080	244	1495635	44.651	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	1307	Below Cal		Qvalue # 30
19) n-Nitroso-di-n-propyla...	7.516	70	153611	10.515	ng	# 73
25) Isophorone	7.516	82	1143240	31.912	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	81279	10.485	ng	# 25
54) 2,4-Dinitrophenol	10.210	184	58	6.879	ng	# 1
57) 2,4-Dinitrotoluene	9.998	165	81436	8.510	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	24629	2.629	ng	# 1
71) Phenanthrene	11.516	178	403567	9.592	ng	99
72) Anthracene	11.563	178	98218	2.368	ng	98
75) Fluoranthene	12.710	202	766853	17.428	ng	99
78) Pyrene	12.939	202	775415	16.082	ng	98
81) Benzo(a)anthracene	14.127	228	406173	9.563	ng	95
83) Chrysene	14.168	228	387608	9.831	ng	97
87) Indeno(1,2,3-cd)pyrene	17.221	276	144046	3.985	ng	95
88) Benzo(b)fluoranthene	15.209	252	558471	15.757	ng	# 93
89) Benzo(k)fluoranthene	15.209	252	558471	16.246	ng	# 94
90) Benzo(a)pyrene	15.598	252	291477	10.088	ng	# 92
92) Benzo(g,h,i)perylene	17.692	276	130644	4.419	ng	97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
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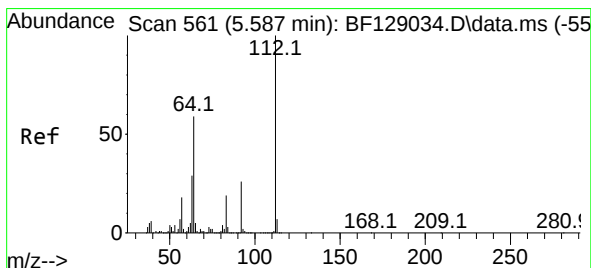
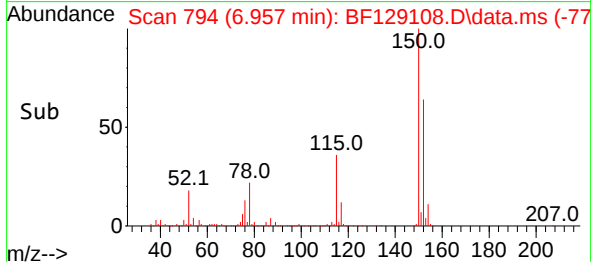
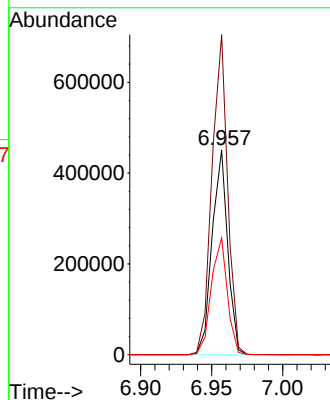
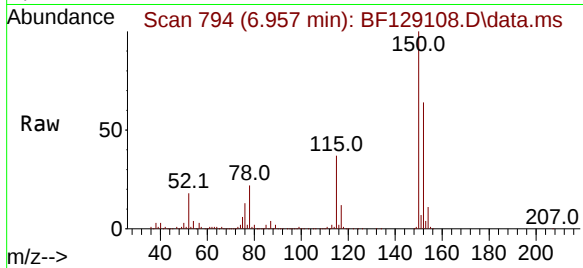




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

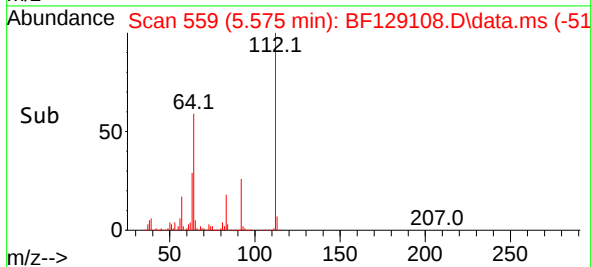
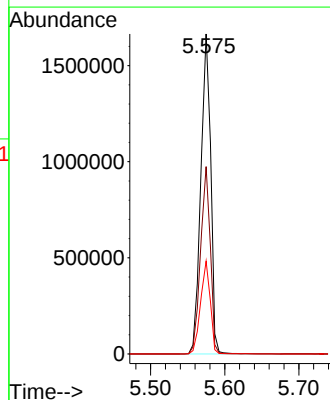
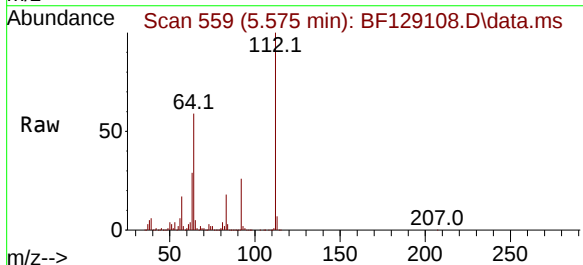
Instrument :
BNA_F
ClientSampleId :
SB-10B

Tgt Ion:152 Resp: 343756
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 57.1 49.9 74.9



#5
2-Fluorophenol
Concen: 75.847 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

Tgt Ion:112 Resp: 1542189
Ion Ratio Lower Upper
112 100
64 58.6 53.3 79.9
63 29.0 28.0 42.0





#7
Phenol-d6
Concen: 76.086 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

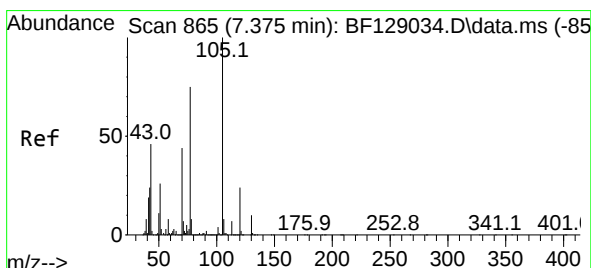
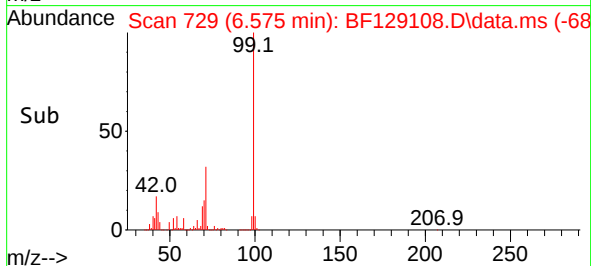
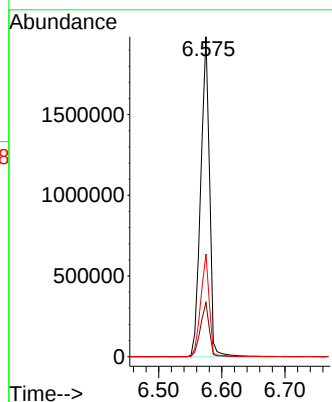
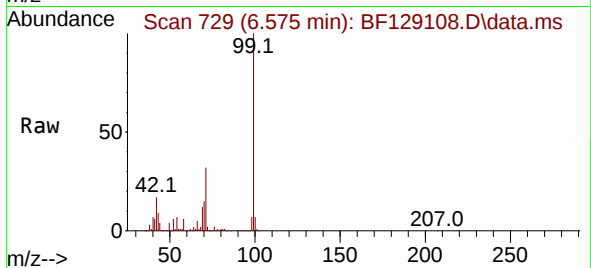
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BNA_F

ClientSampleId :

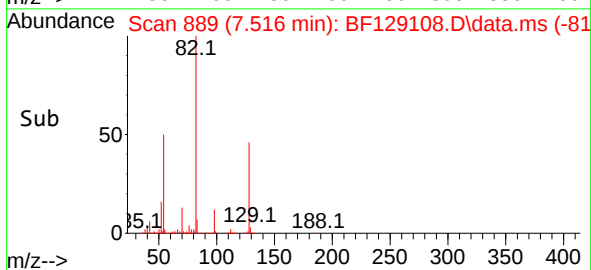
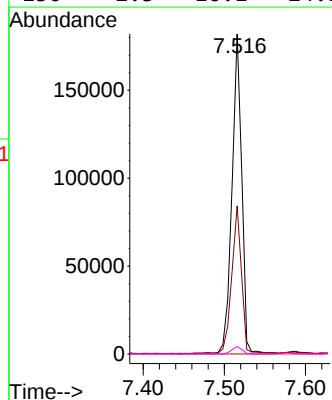
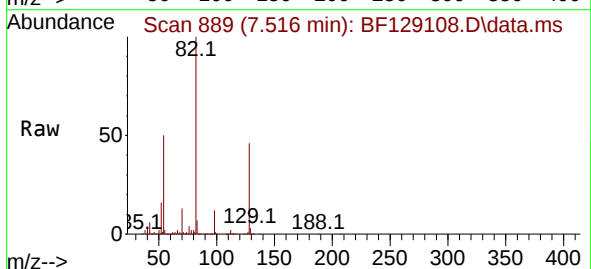
SB-10B

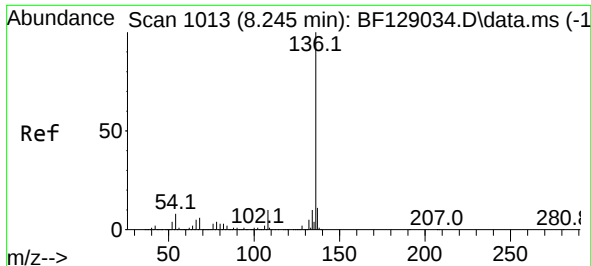
Tgt Ion: 99 Resp: 1921401
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 32.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.515 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

Tgt Ion: 70 Resp: 153611
Ion Ratio Lower Upper
70 100
42 46.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

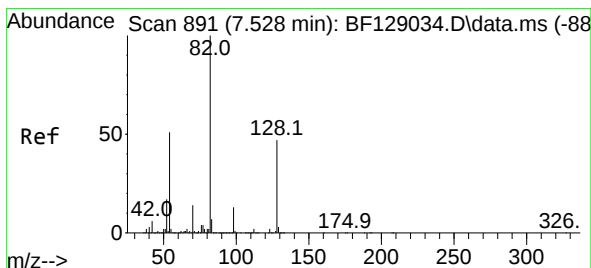
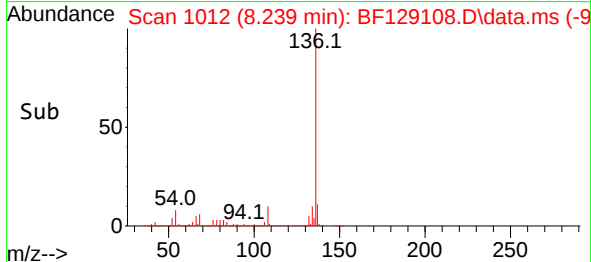
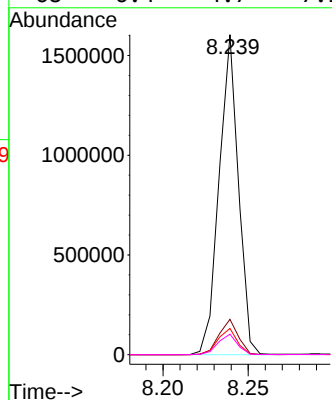
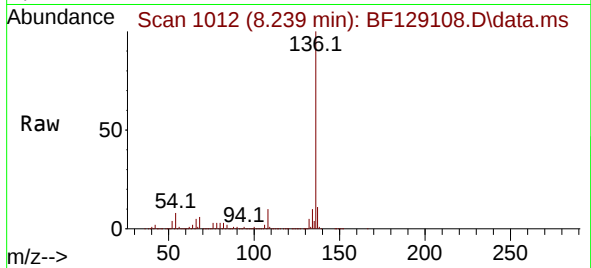




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

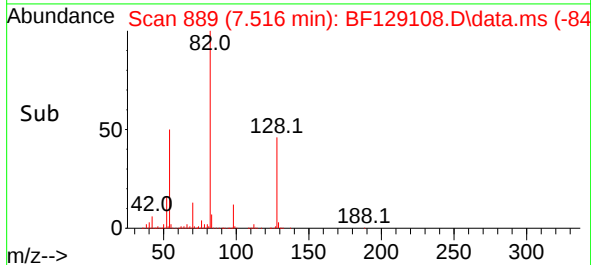
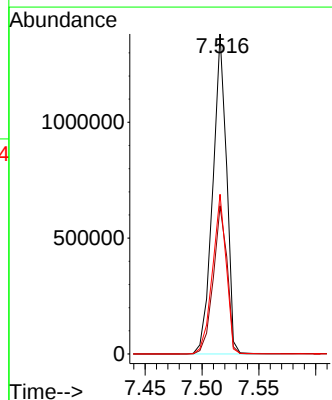
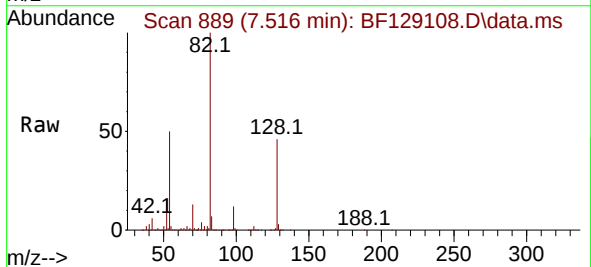
Instrument :
BNA_F
ClientSampleId :
SB-10B

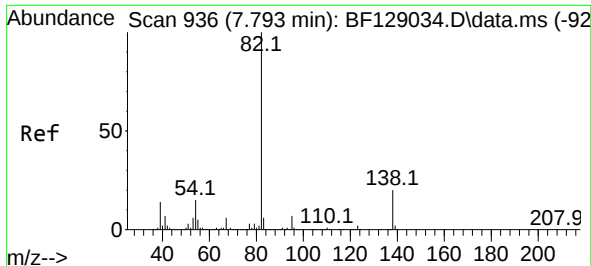
Tgt Ion:136 Resp: 1264361
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 54.870 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

Tgt Ion: 82 Resp: 1163104
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 49.9 46.9 70.3

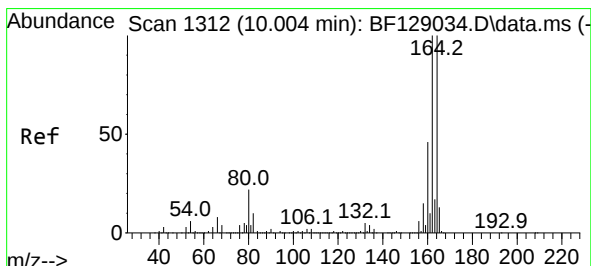
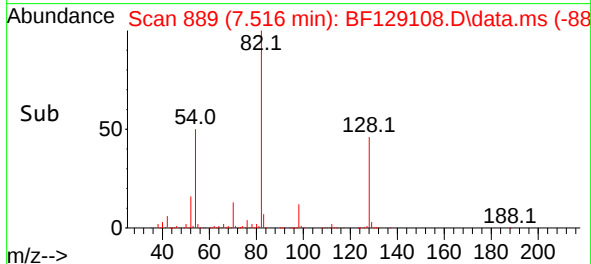
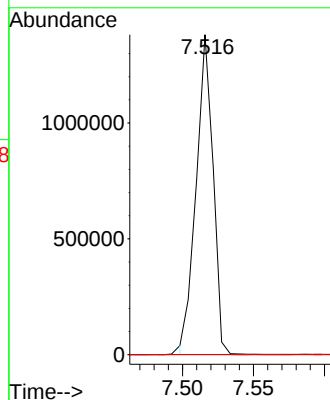
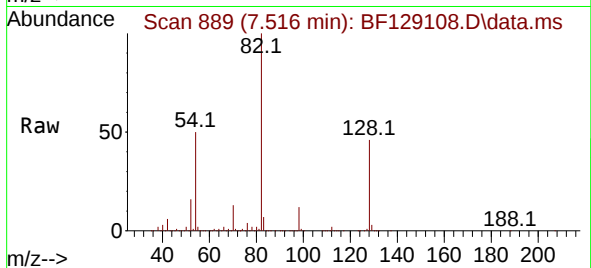




#25
Isophorone
Concen: 31.912 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

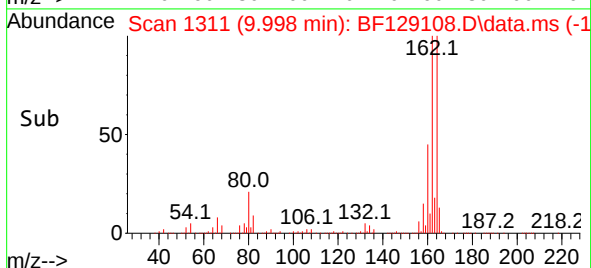
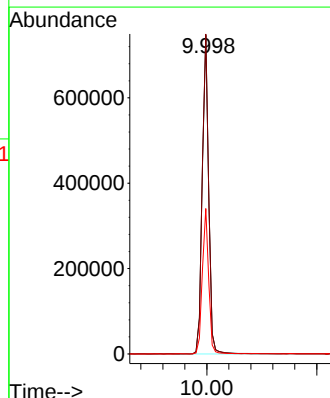
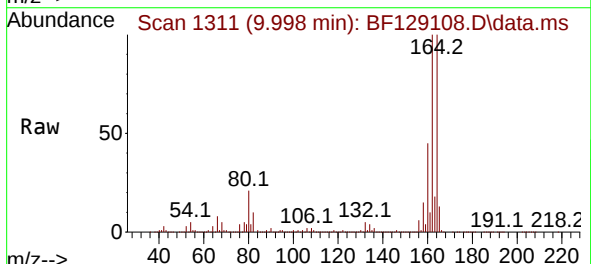
Instrument :
BNA_F
ClientSampleId :
SB-10B

Tgt Ion: 82 Resp: 1143240
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

Tgt Ion:164 Resp: 606386
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 45.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 61.201 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

SB-10B

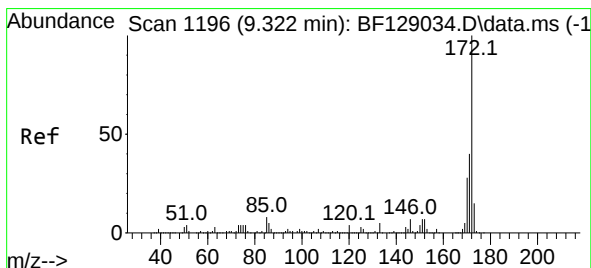
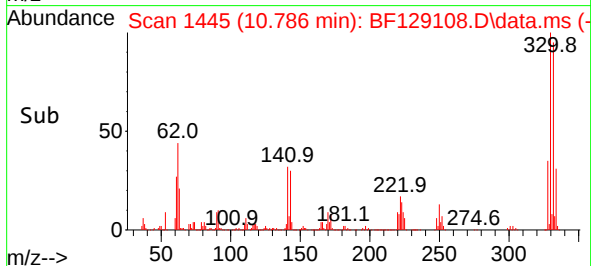
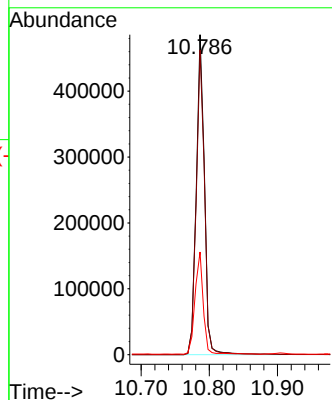
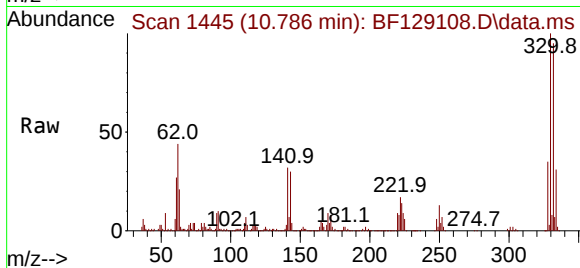
Tgt Ion:330 Resp: 403532

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 31.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 52.779 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

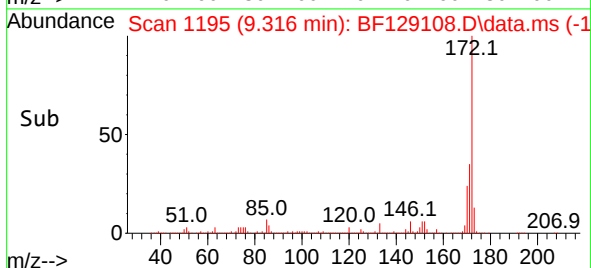
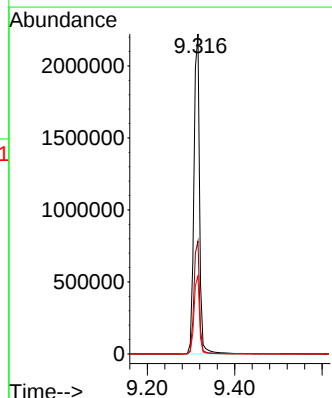
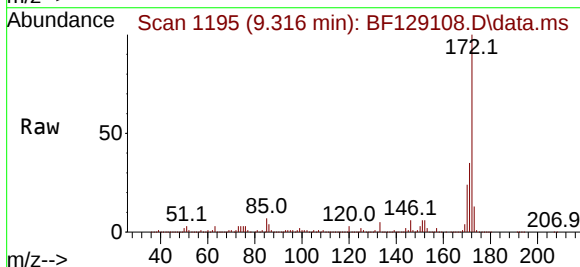
Tgt Ion:172 Resp: 2000531

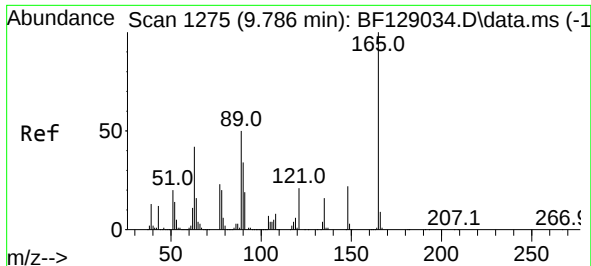
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.485 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

SB-10B

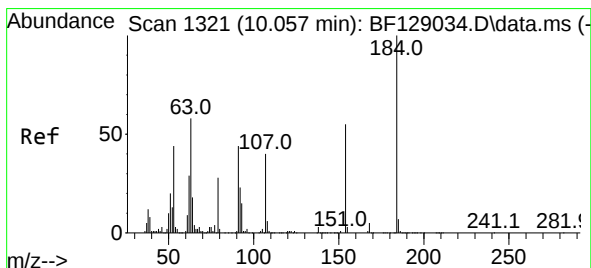
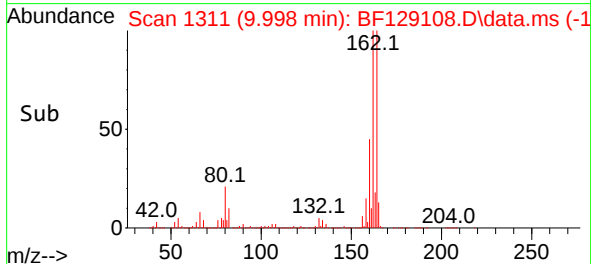
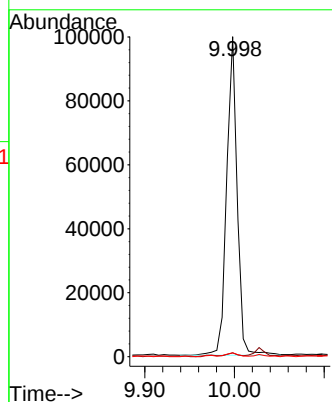
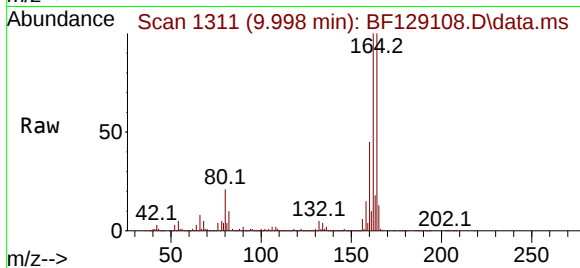
Tgt Ion:165 Resp: 81279

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.2 43.6 65.4#



#54

2,4-Dinitrophenol

Concen: 6.879 ng

RT: 10.210 min Scan# 1347

Delta R.T. 0.153 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

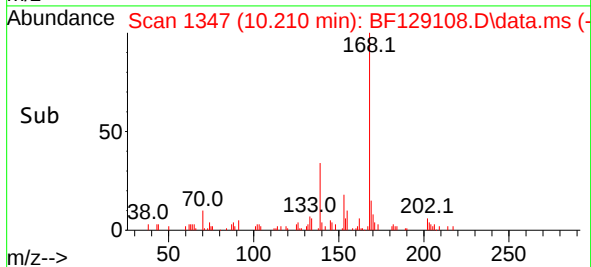
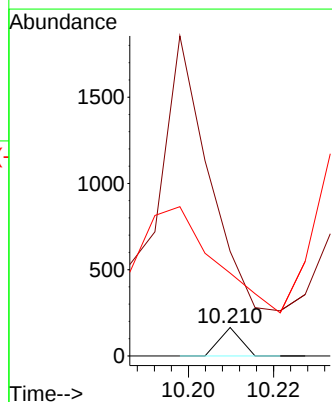
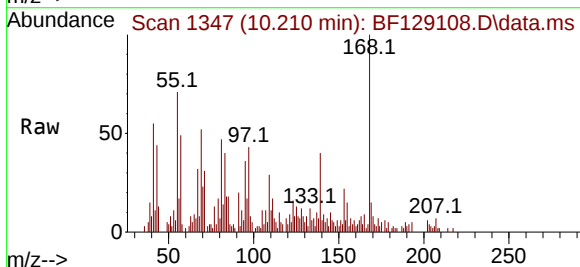
Tgt Ion:184 Resp: 58

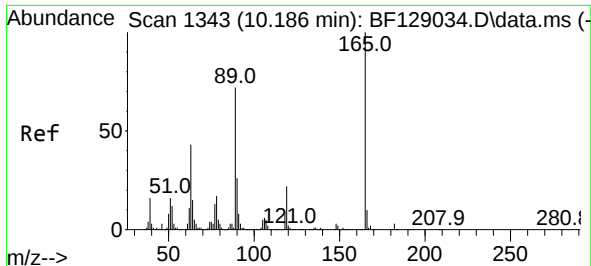
Ion Ratio Lower Upper

184 100

63 367.3 64.5 96.7#

154 290.9 50.6 75.8#

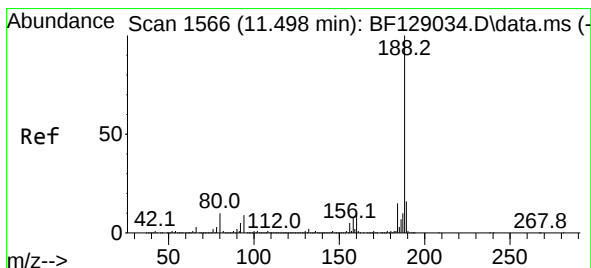
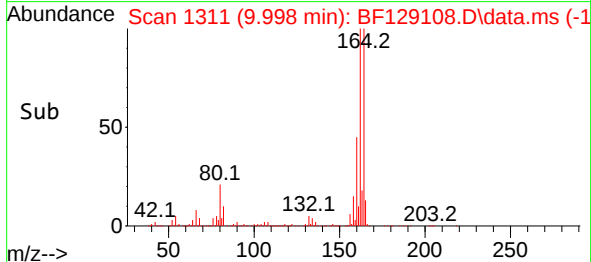
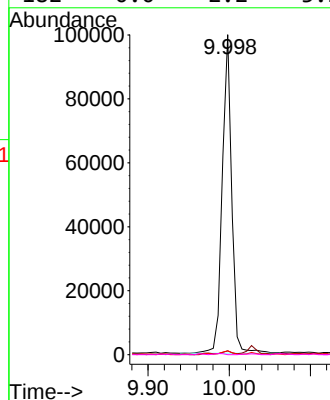
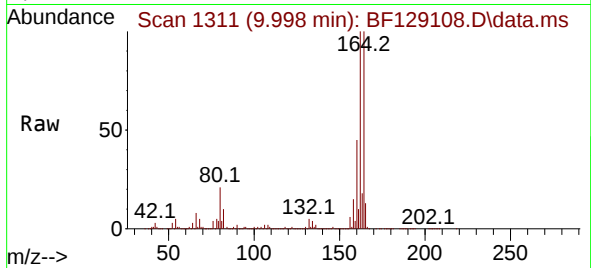




#57
2,4-Dinitrotoluene
Concen: 8.510 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

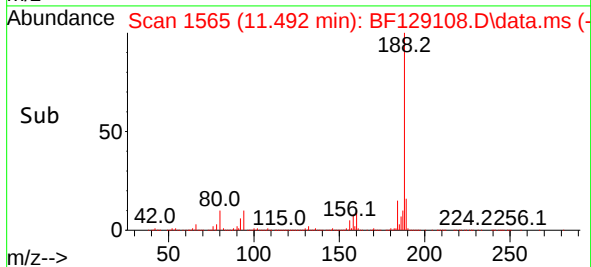
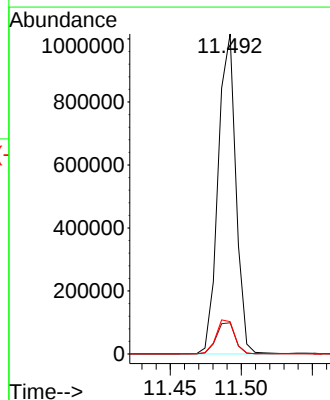
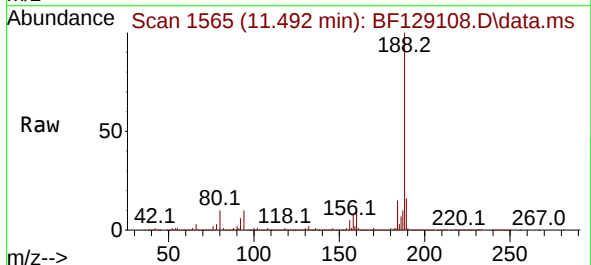
Instrument :
BNA_F
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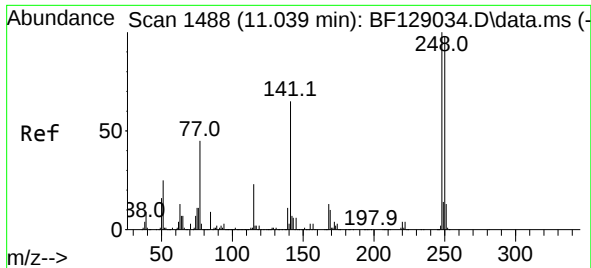
Tgt Ion:165 Resp: 81436
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

Tgt Ion:188 Resp: 880570
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.1 7.6 11.4

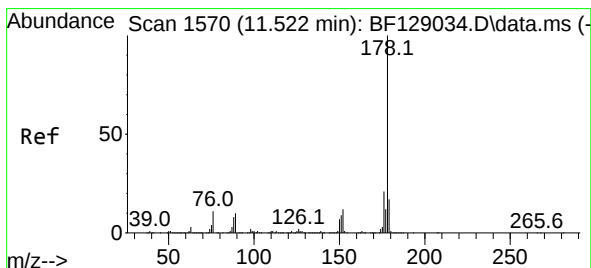
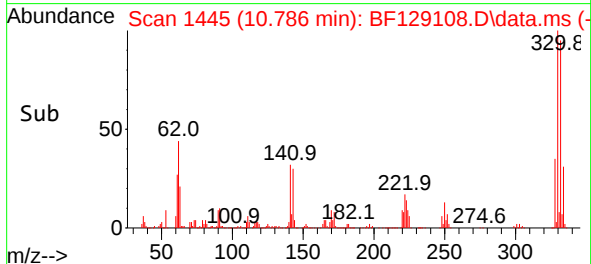
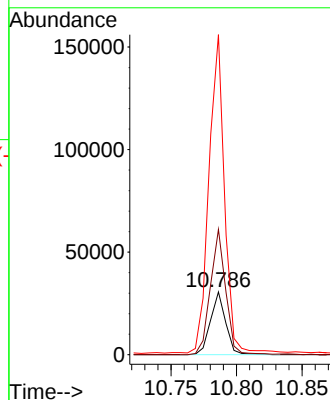
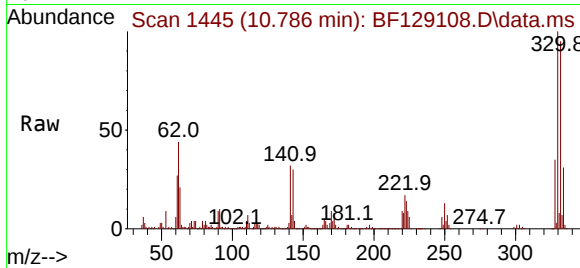




#67
4-Bromophenyl-phenylether
Concen: 2.629 ng
RT: 10.786 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

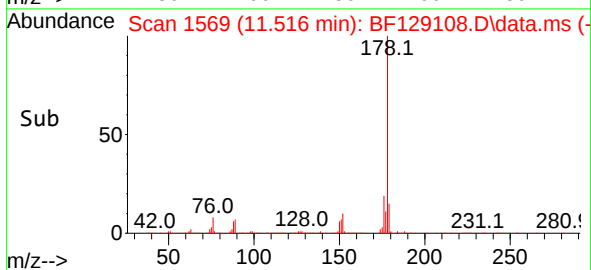
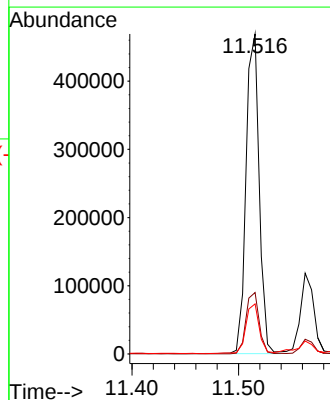
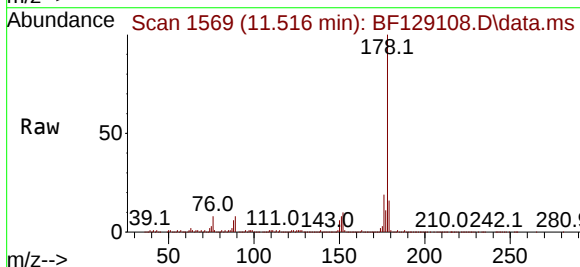
Instrument :
BNA_F
ClientSampleId :
SB-10B

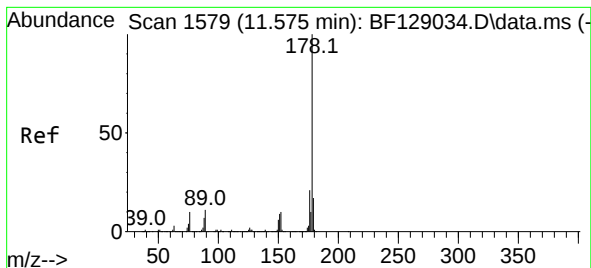
Tgt Ion:248 Resp: 24629
Ion Ratio Lower Upper
248 100
250 199.7 80.6 120.8#
141 509.6 58.9 88.3#



#71
Phenanthrene
Concen: 9.592 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

Tgt Ion:178 Resp: 403567
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.6 12.6 19.0





#72

Anthracene

Concen: 2.368 ng

RT: 11.563 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

SB-10B

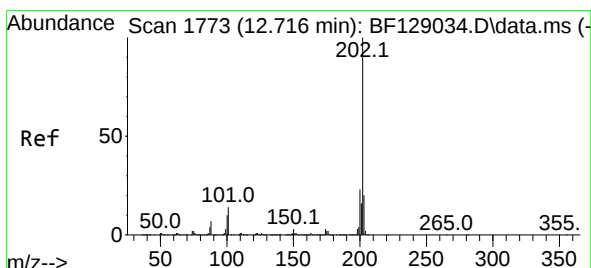
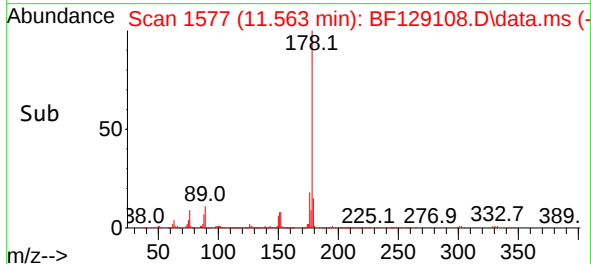
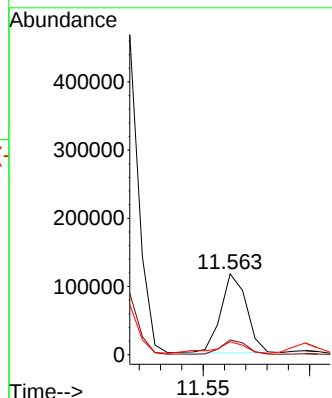
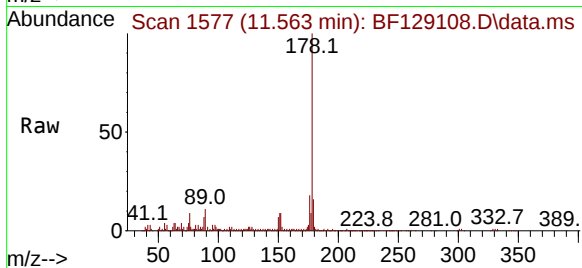
Tgt Ion:178 Resp: 98218

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

179 16.1 12.6 19.0



#75

Fluoranthene

Concen: 17.428 ng

RT: 12.710 min Scan# 1772

Delta R.T. -0.006 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

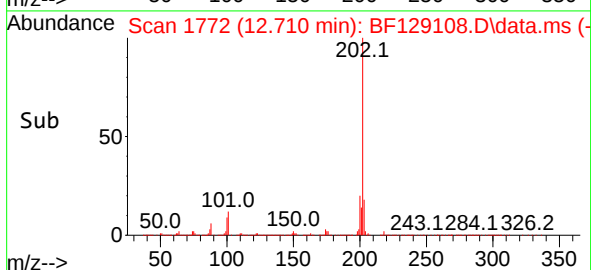
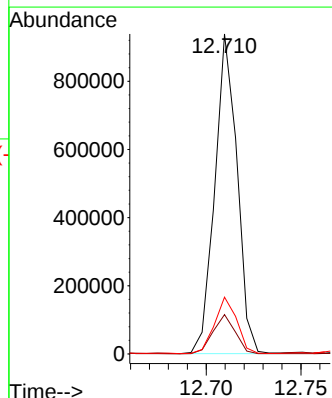
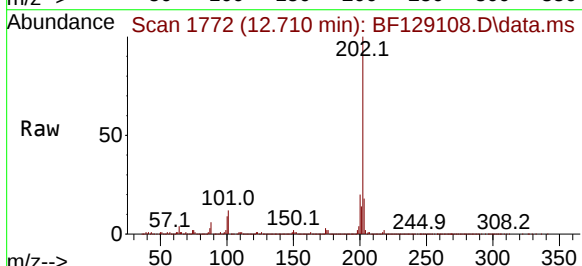
Tgt Ion:202 Resp: 766853

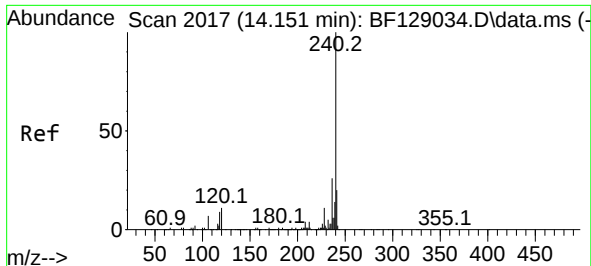
Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.4

203 17.8 0.0 38.0

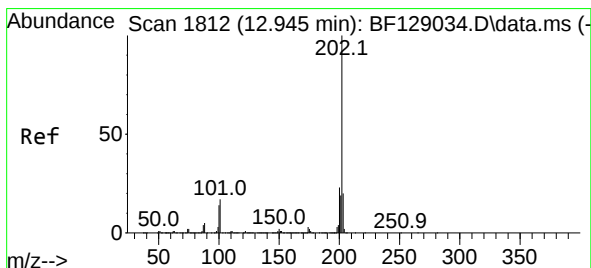
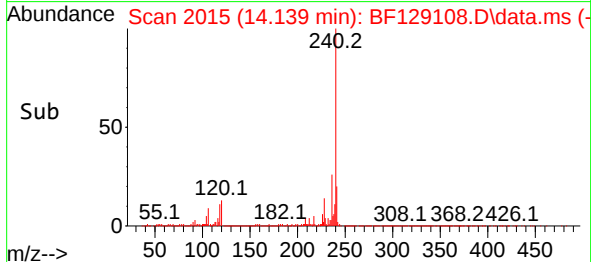
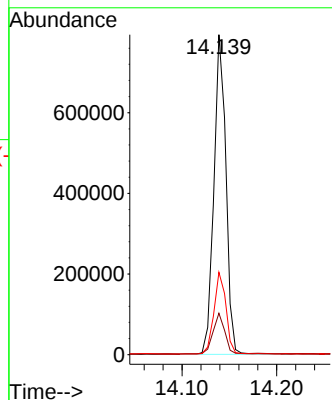
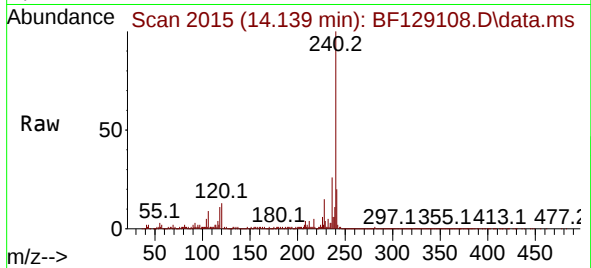




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

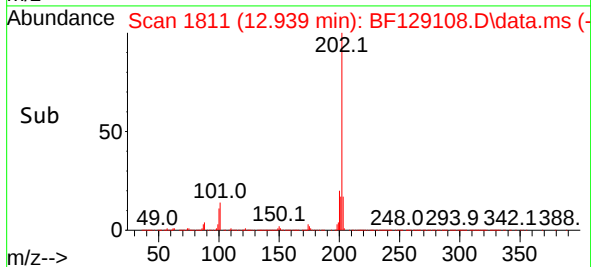
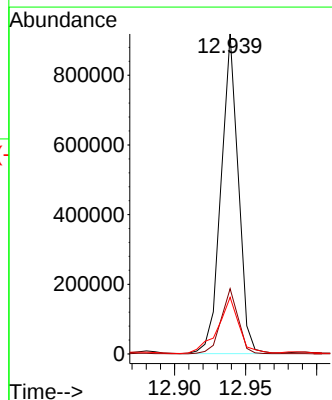
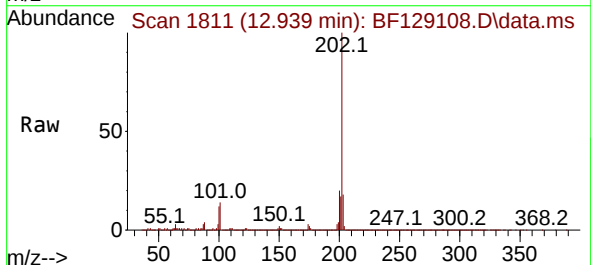
Instrument :
BNA_F
ClientSampleId :
SB-10B

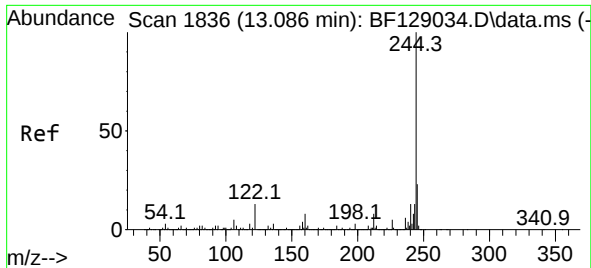
Tgt Ion:240 Resp: 695588
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.8 20.8 31.2



#78
Pyrene
Concen: 16.082 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

Tgt Ion:202 Resp: 775415
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 17.7 14.6 21.8

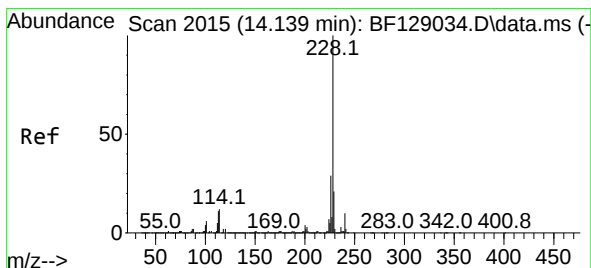
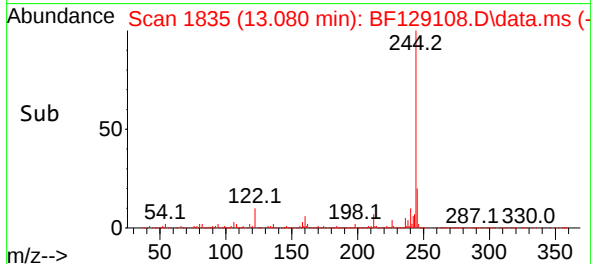
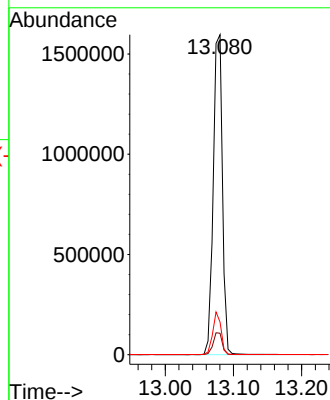
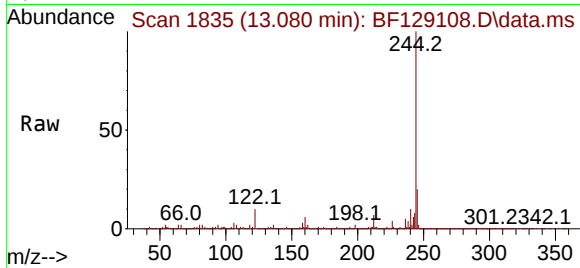




#79
 Terphenyl-d14
 Concen: 44.651 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129108.D
 Acq: 01 Jul 2022 23:29

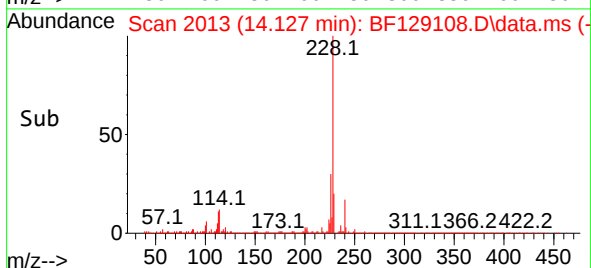
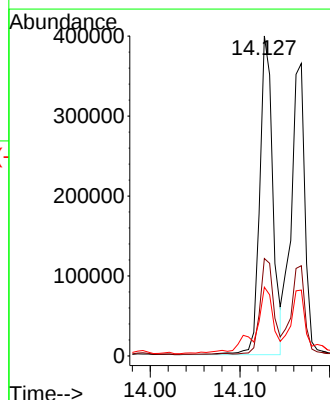
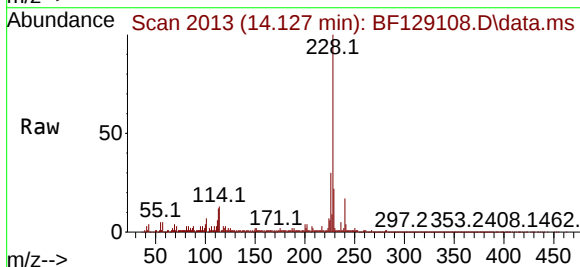
Instrument :
 BNA_F
 ClientSampleId :
 SB-10B

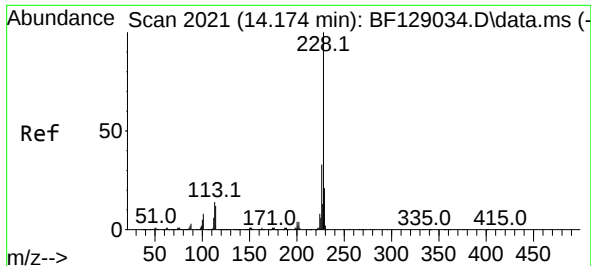
Tgt Ion:244 Resp: 1495635
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 10.2 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 9.563 ng
 RT: 14.127 min Scan# 2013
 Delta R.T. -0.012 min
 Lab File: BF129108.D
 Acq: 01 Jul 2022 23:29

Tgt Ion:228 Resp: 406173
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.1 33.1
 229 21.5 15.8 23.8

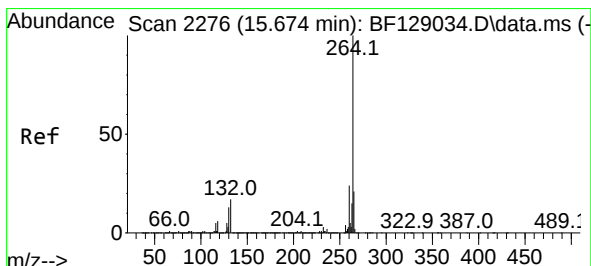
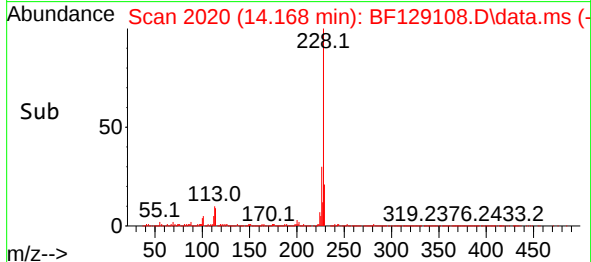
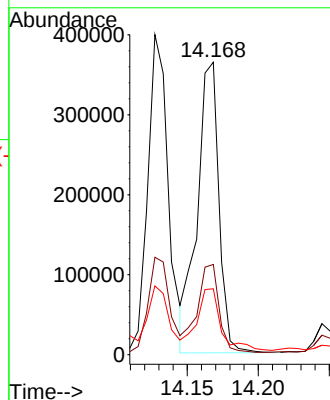
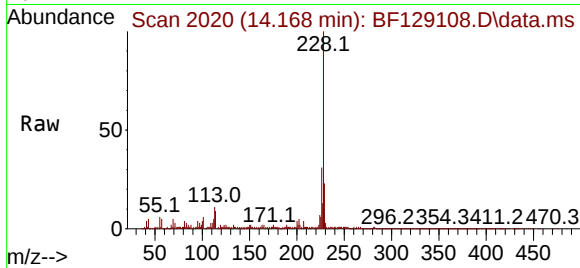




#83
Chrysene
Concen: 9.831 ng
RT: 14.168 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

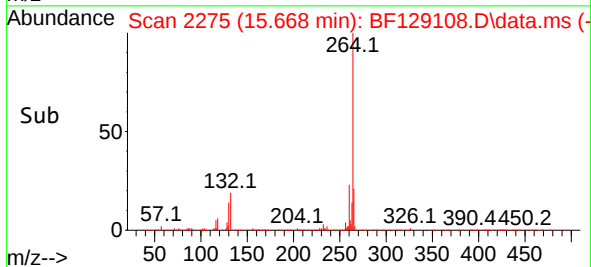
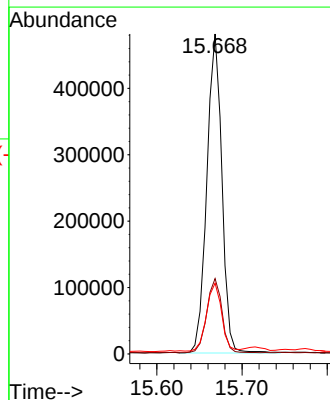
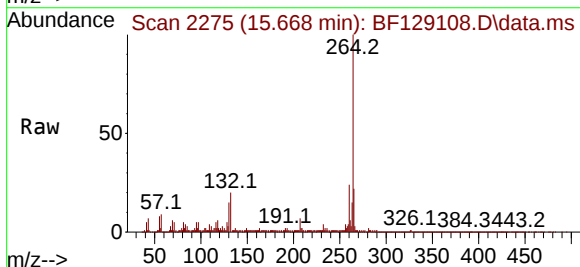
Instrument :
BNA_F
ClientSampleId :
SB-10B

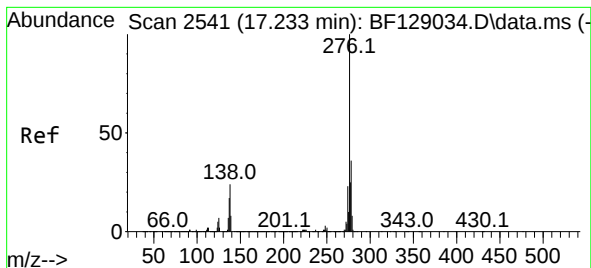
Tgt Ion:228 Resp: 387608
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.5 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

Tgt Ion:264 Resp: 589334
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.985 ng

RT: 17.221 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

SB-10B

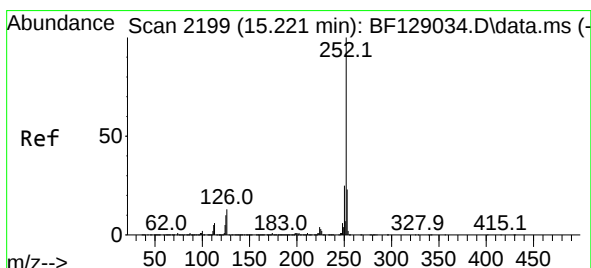
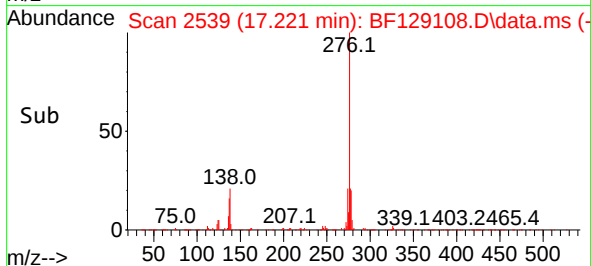
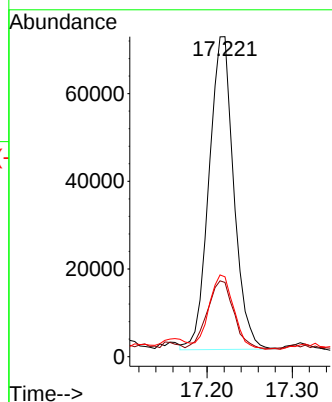
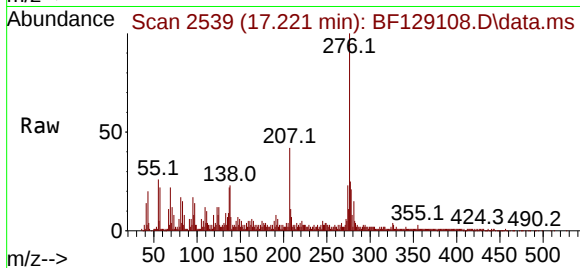
Tgt Ion:276 Resp: 144046

Ion Ratio Lower Upper

276 100

138 23.0 21.1 31.7

277 23.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 15.757 ng

RT: 15.209 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

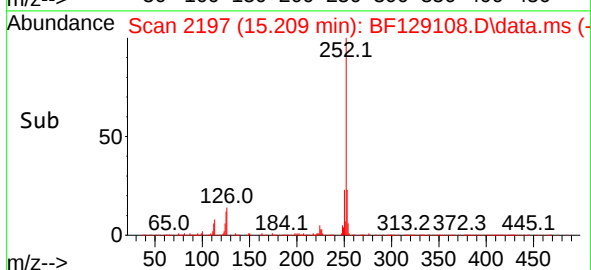
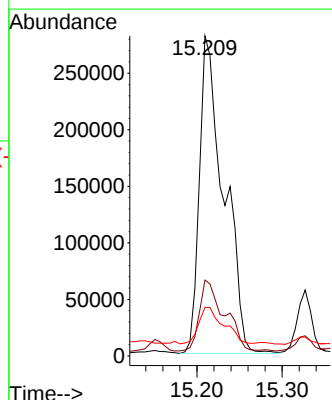
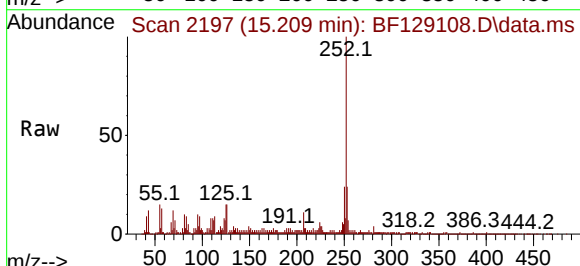
Tgt Ion:252 Resp: 558471

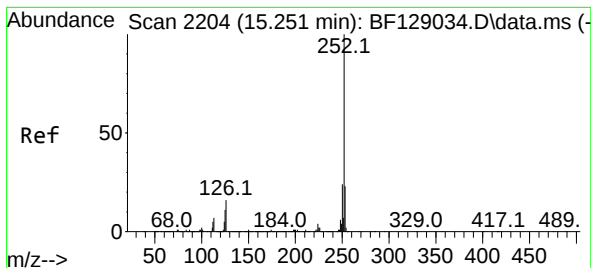
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 15.2 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 16.246 ng

RT: 15.209 min Scan# 2197

Delta R.T. -0.041 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

SB-10B

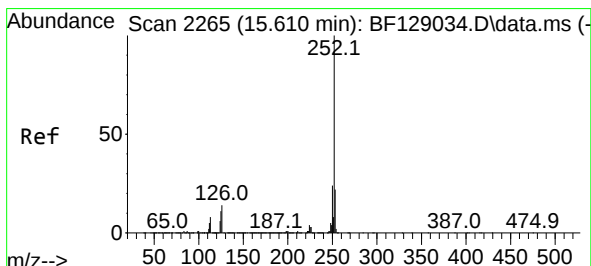
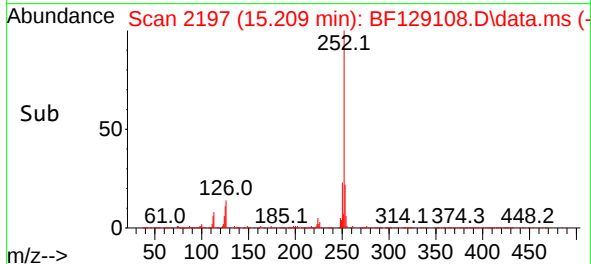
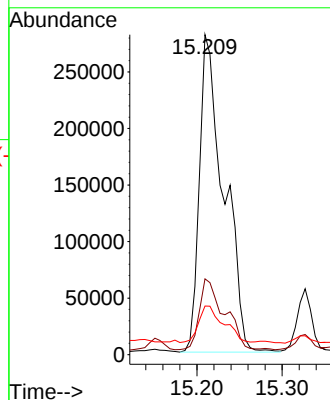
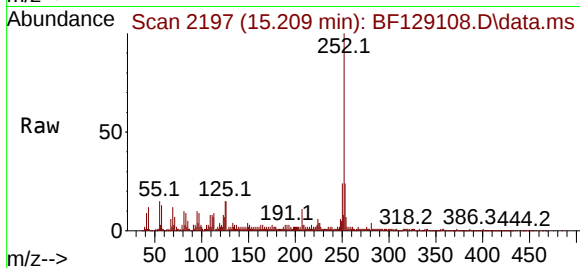
Tgt Ion:252 Resp: 558471

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 15.2 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 10.088 ng

RT: 15.598 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF129108.D

Acq: 01 Jul 2022 23:29

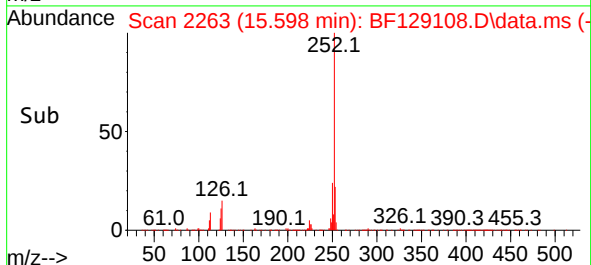
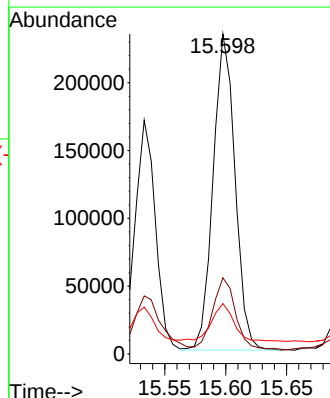
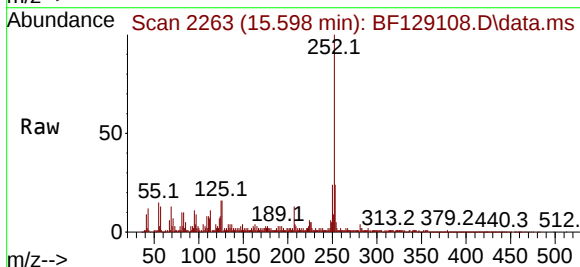
Tgt Ion:252 Resp: 291477

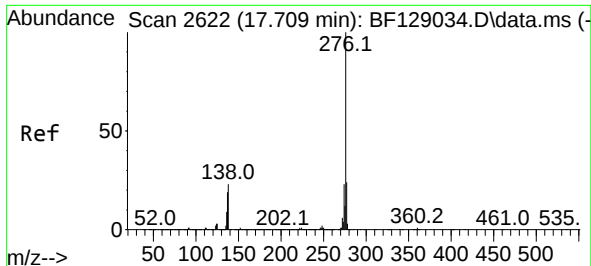
Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.6

125 15.7 8.8 13.2#





#92
Benzo(g,h,i)perylene
Concen: 4.419 ng
RT: 17.692 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF129108.D
Acq: 01 Jul 2022 23:29

Instrument :
BNA_F
ClientSampleId :
SB-10B

Tgt Ion:276 Resp: 130644
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 24.8 18.0 27.0

