

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129109.D
 Acq On : 01 Jul 2022 23:59
 Operator : CG\JU
 Sample : N3562-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8A

Quant Time: Jul 02 01:27:48 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)

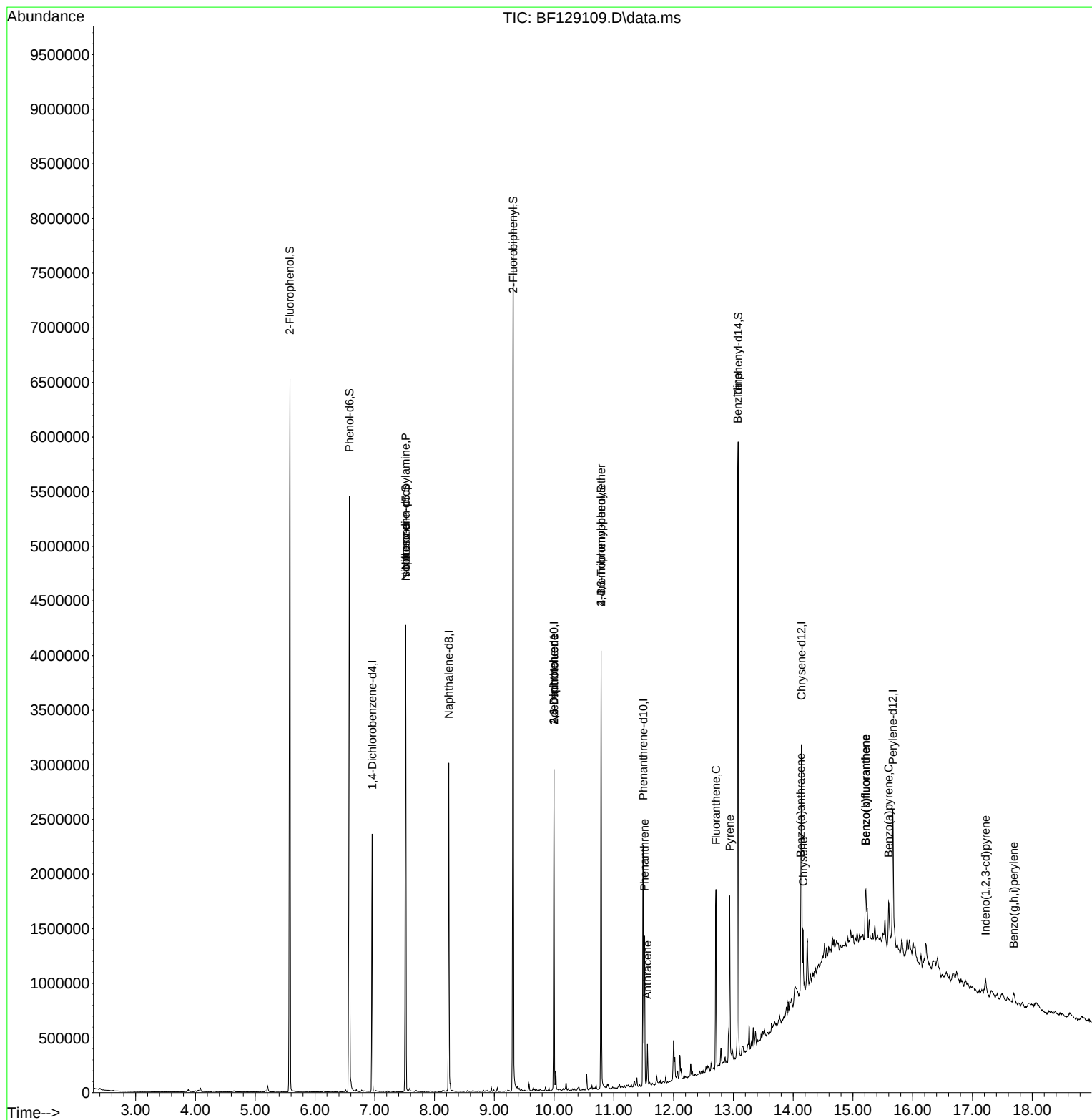
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	330348	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1216053	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	543743	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	831747	20.000	ng	0.00
76) Chrysene-d12	14.139	240	674723	20.000	ng	-0.01
86) Perylene-d12	15.668	264	541410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1823035	93.298	ng	0.00
7) Phenol-d6	6.575	99	2248390	92.649	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1382919	67.831	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	463898	78.462	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2437487	71.715	ng	0.00
79) Terphenyl-d14	13.080	244	2027576	62.404	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	704	Below Cal	#	58
19) n-Nitroso-di-n-propyla...	7.516	70	181372	12.920	ng	# 73
25) Isophorone	7.516	82	1363215	39.564	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	72455	10.424	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	73135	8.523	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	27532	3.112	ng	# 1
71) Phenanthrene	11.516	178	511516	12.871	ng	98
72) Anthracene	11.563	178	128879	3.289	ng	99
75) Fluoranthene	12.710	202	649094	15.618	ng	99
77) Benzidine	13.074	184	26613	2.215	ng	# 92
78) Pyrene	12.939	202	560430	11.983	ng	98
81) Benzo(a)anthracene	14.127	228	285582	6.932	ng	98
83) Chrysene	14.168	228	241937	6.326	ng	96
87) Indeno(1,2,3-cd)pyrene	17.221	276	87006	2.620	ng	96
88) Benzo(b)fluoranthene	15.215	252	330753	10.158	ng	# 90
89) Benzo(k)fluoranthene	15.215	252	330753	10.473	ng	# 91
90) Benzo(a)pyrene	15.598	252	179981	6.781	ng	# 91
92) Benzo(g,h,i)perylene	17.692	276	79547	2.929	ng	93

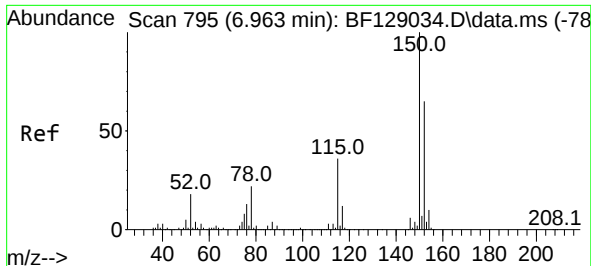
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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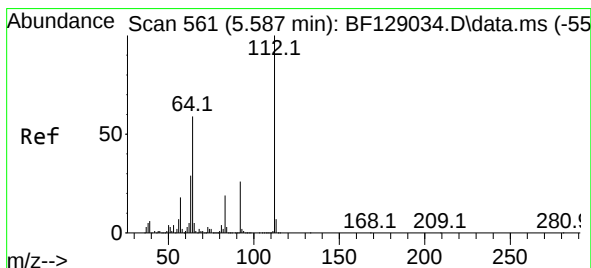
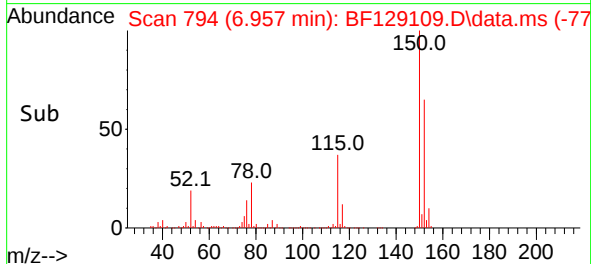
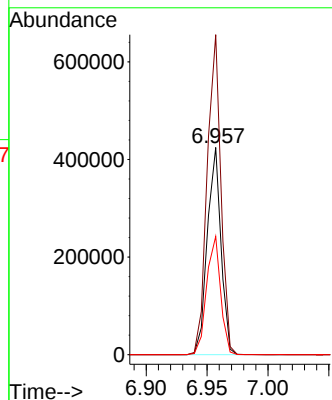
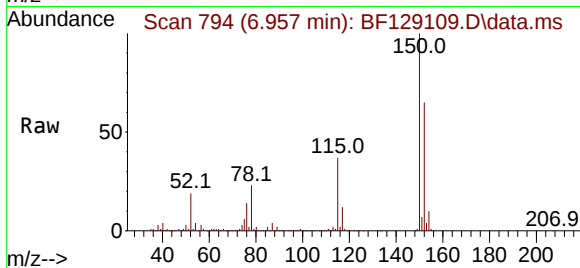




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

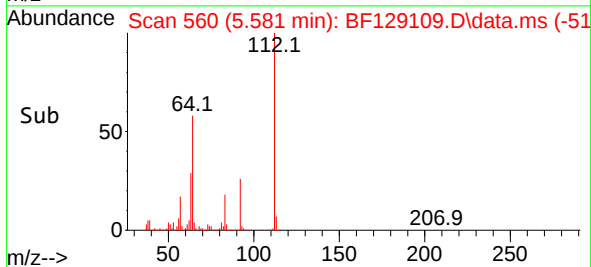
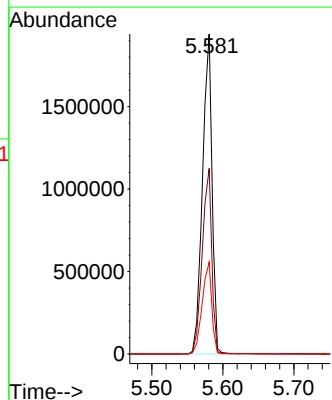
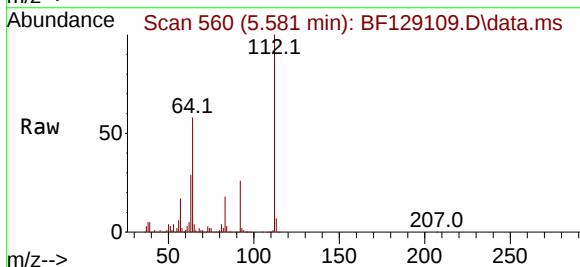
Instrument :
BNA_F
ClientSampleId :
SB-8A

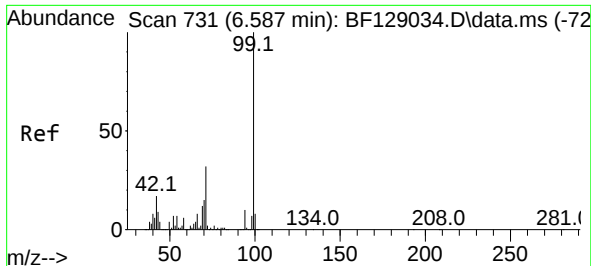
Tgt Ion:152 Resp: 330348
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 57.1 49.9 74.9



#5
2-Fluorophenol
Concen: 93.298 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:112 Resp: 1823035
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 28.7 28.0 42.0





#7
Phenol-d6
Concen: 92.649 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

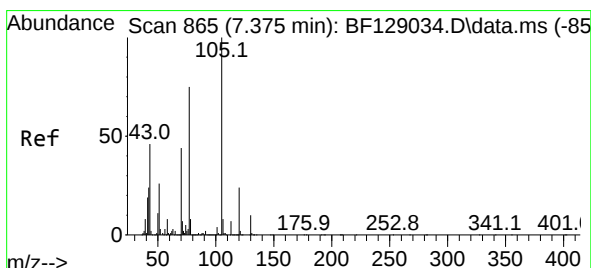
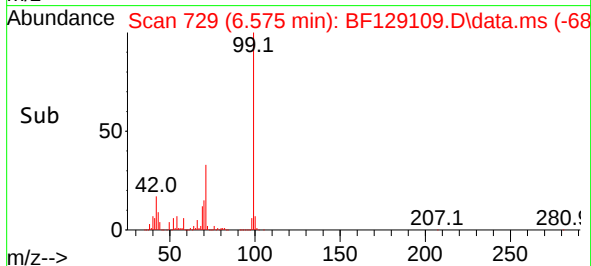
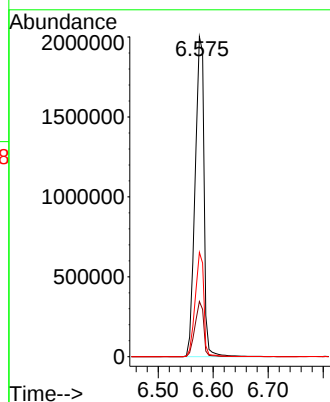
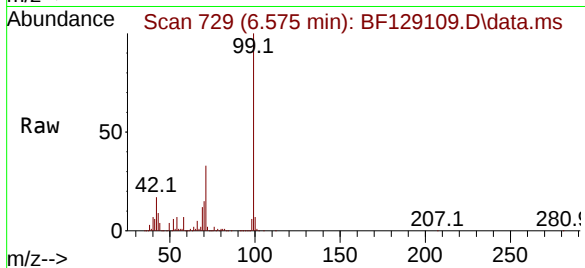
Instrument :

BNA_F

ClientSampleId :

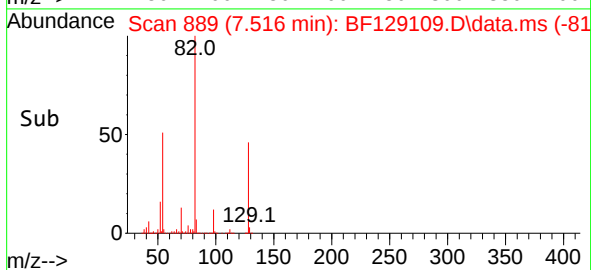
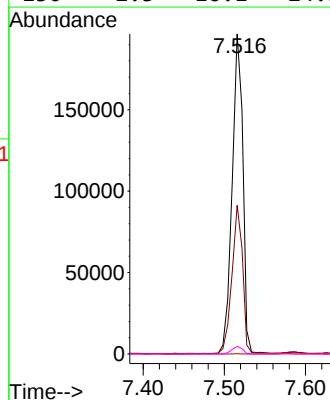
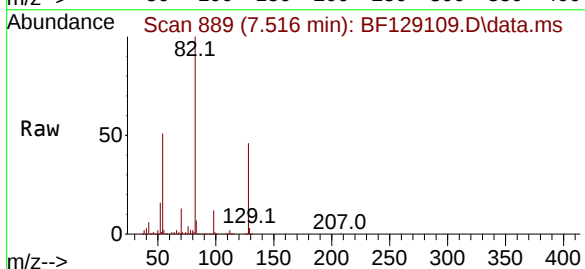
SB-8A

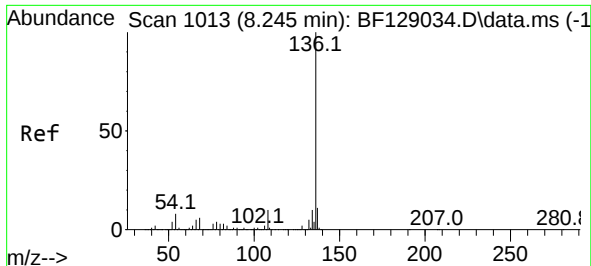
Tgt Ion: 99 Resp: 2248390
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9#
71 32.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.920 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion: 70 Resp: 181372
Ion Ratio Lower Upper
70 100
42 46.4 52.3 78.5#
101 0.1 7.5 11.3#
130 2.3 16.1 24.1#

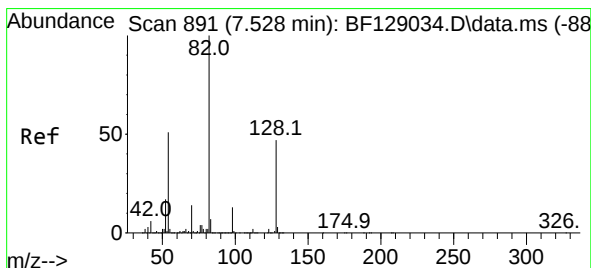
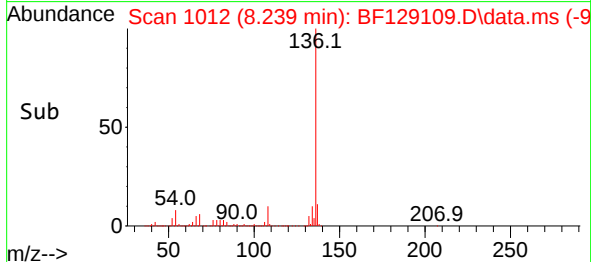
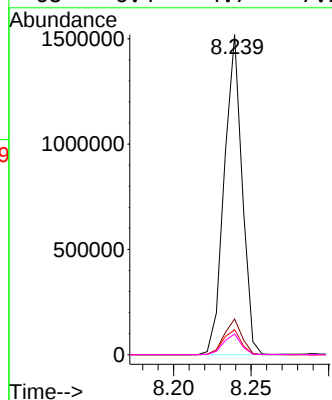
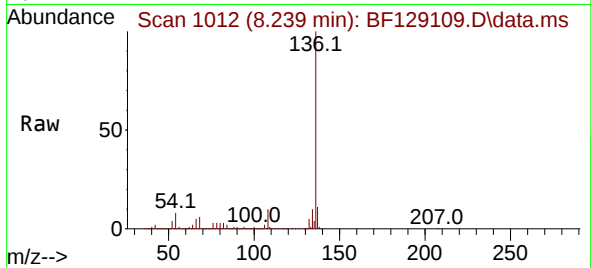




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

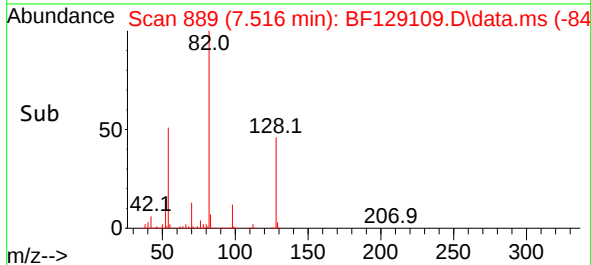
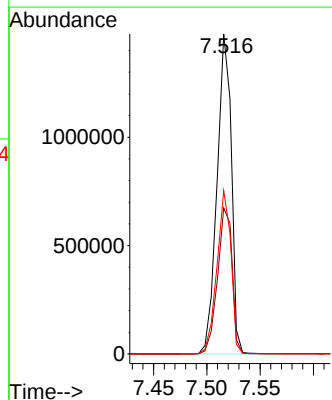
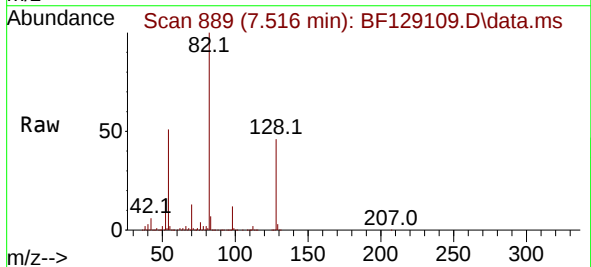
Instrument :
BNA_F
ClientSampleId :
SB-8A

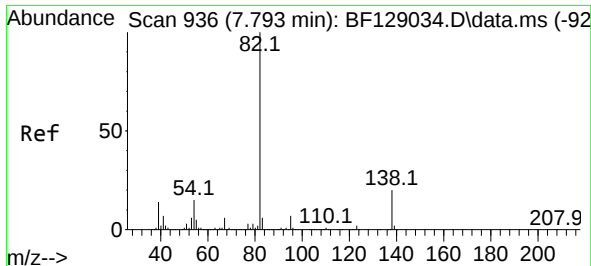
Tgt Ion:136 Resp: 1216053
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.8 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 67.831 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion: 82 Resp: 1382919
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 51.0 46.9 70.3

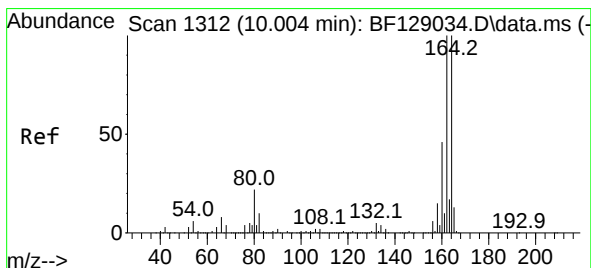
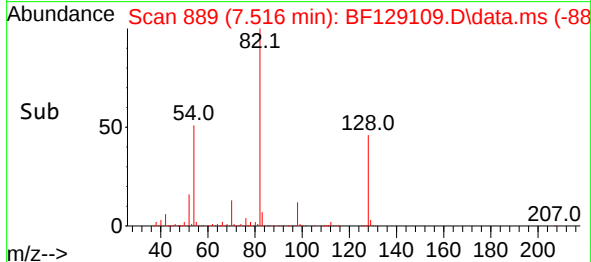
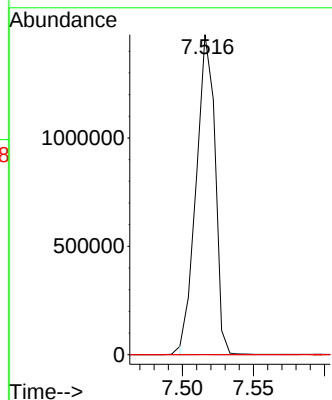
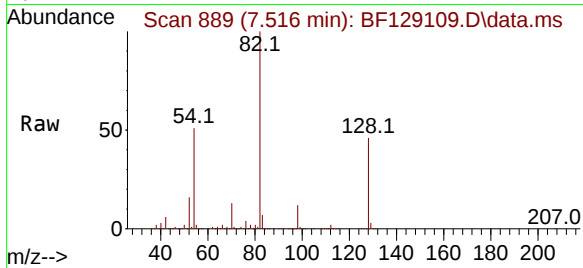




#25
Isophorone
Concen: 39.564 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

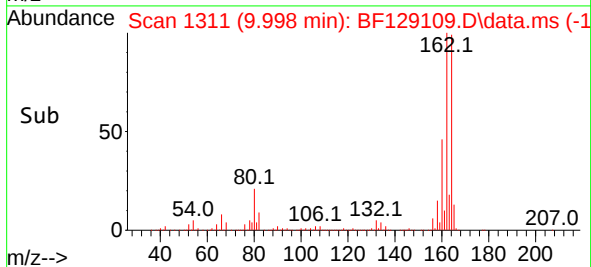
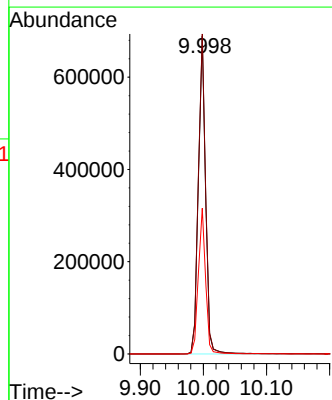
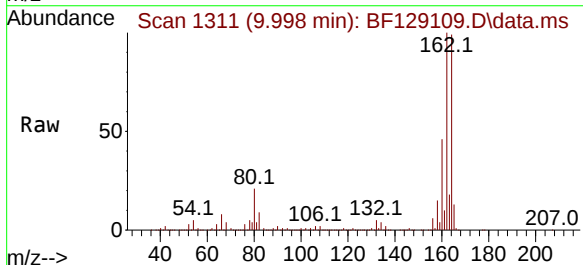
Instrument :
BNA_F
ClientSampleId :
SB-8A

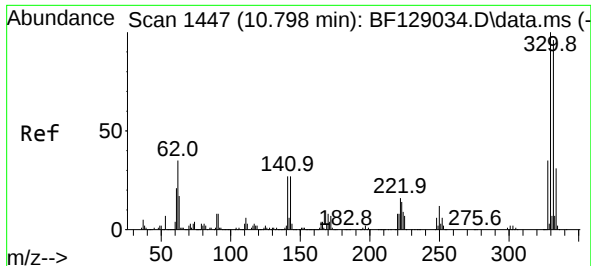
Tgt Ion: 82 Resp: 1363215
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:164 Resp: 543743
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 78.462 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129109.D

Acq: 01 Jul 2022 23:59

Instrument :

BNA_F

ClientSampleId :

SB-8A

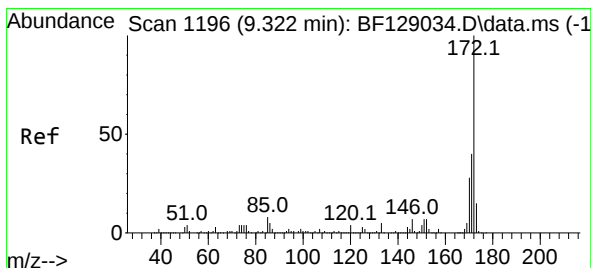
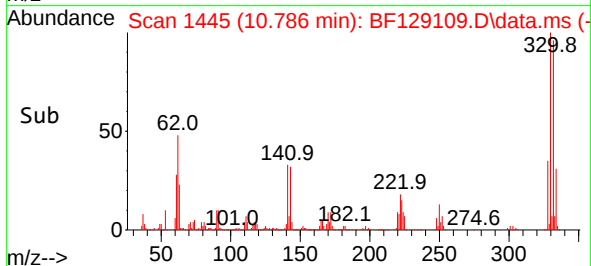
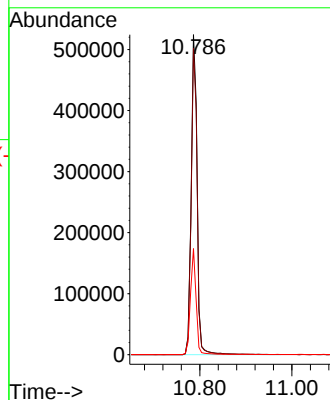
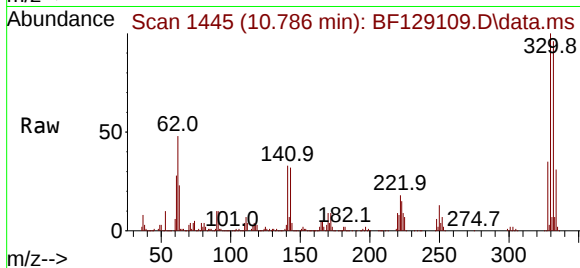
Tgt Ion:330 Resp: 463898

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 32.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 71.715 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129109.D

Acq: 01 Jul 2022 23:59

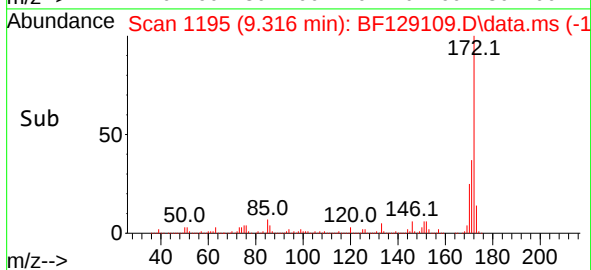
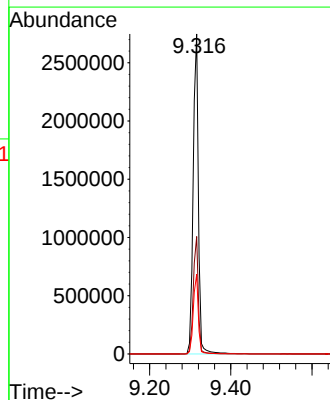
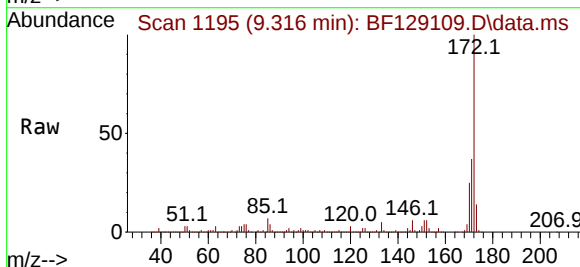
Tgt Ion:172 Resp: 2437487

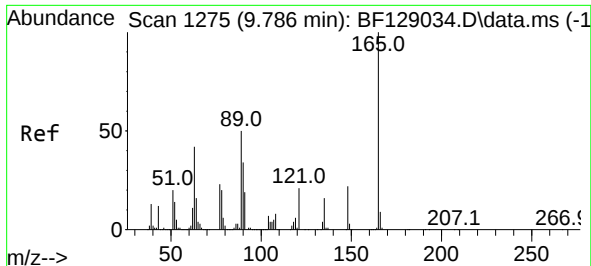
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.9 19.8 29.8

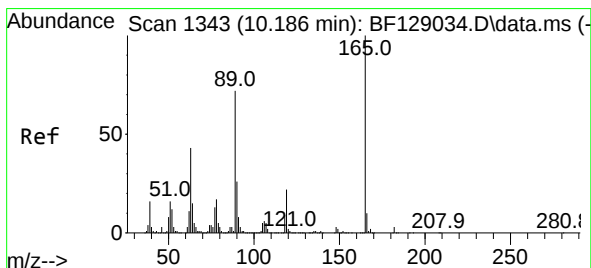
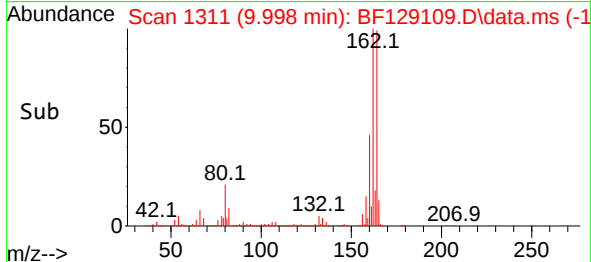
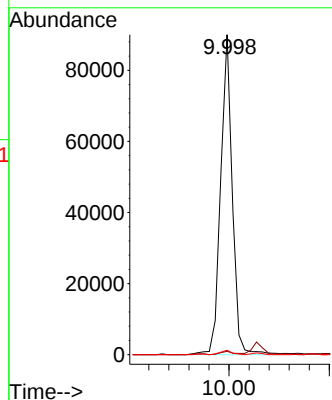
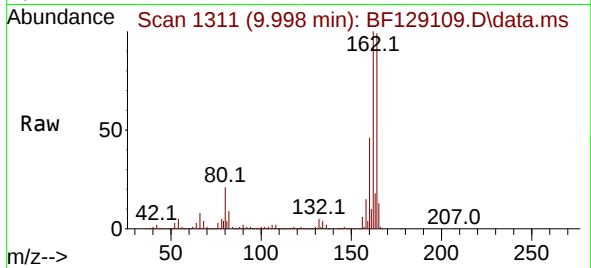




#51
2,6-Dinitrotoluene
Concen: 10.424 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

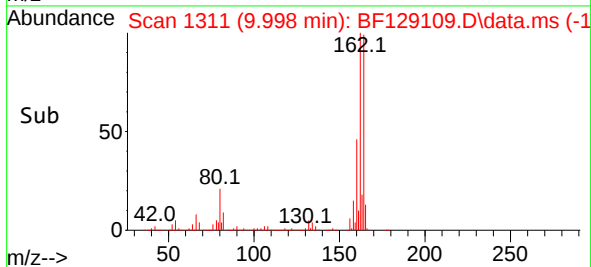
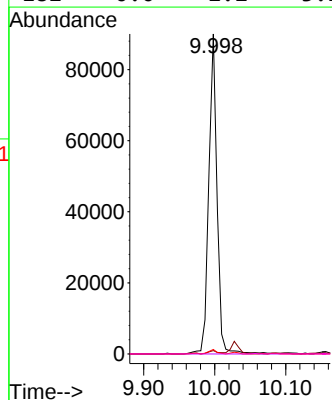
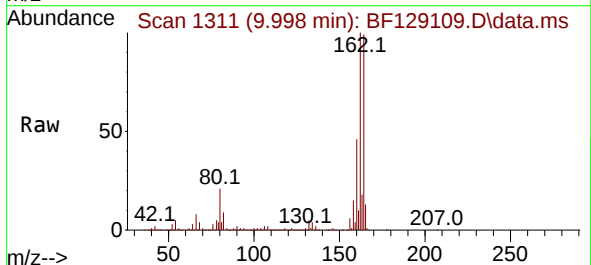
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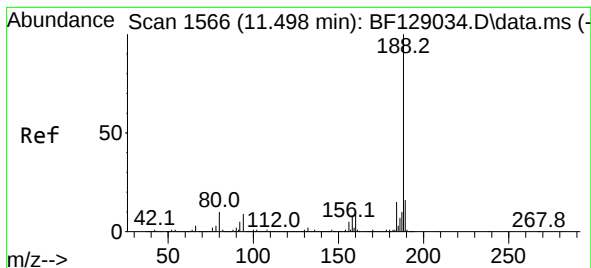
Tgt Ion:165 Resp: 72455
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.523 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:165 Resp: 73135
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: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129109.D

Acq: 01 Jul 2022 23:59

Instrument :

BNA_F

ClientSampleId :

SB-8A

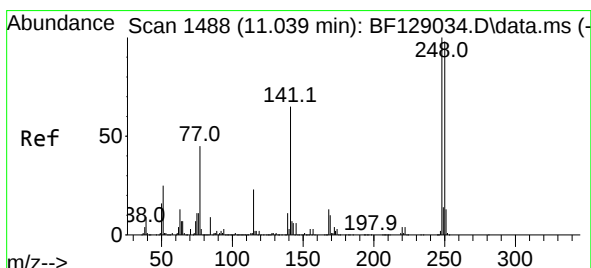
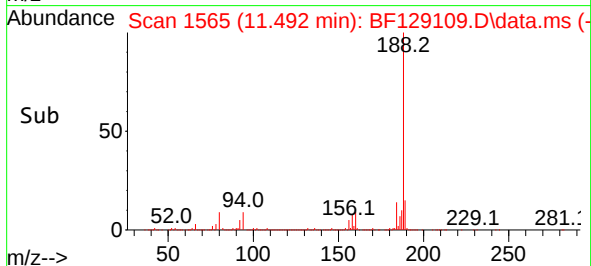
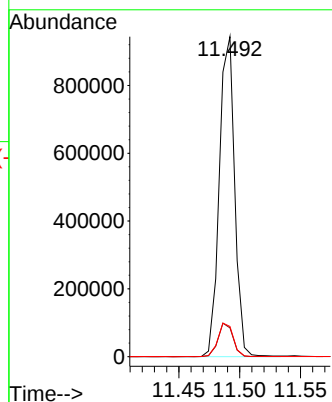
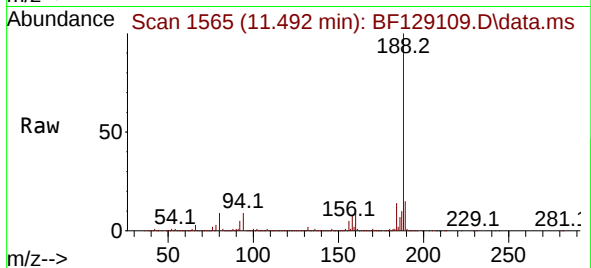
Tgt Ion:188 Resp: 831747

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.112 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129109.D

Acq: 01 Jul 2022 23:59

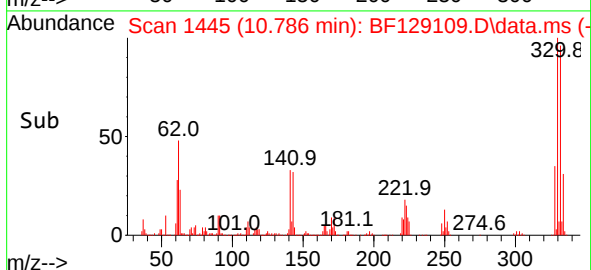
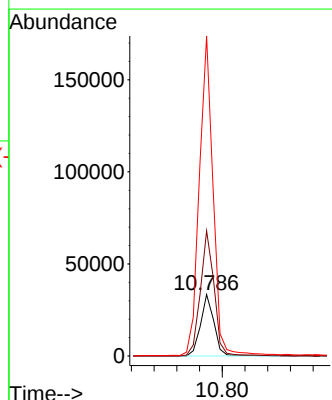
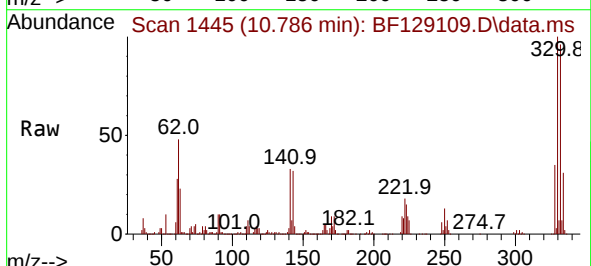
Tgt Ion:248 Resp: 27532

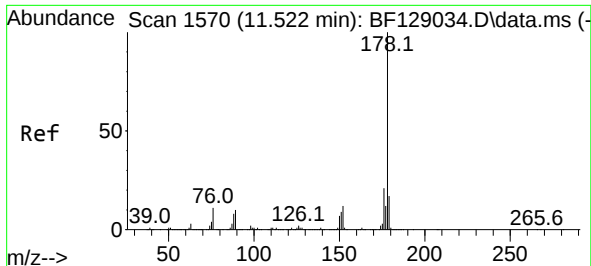
Ion Ratio Lower Upper

248 100

250 203.9 80.6 120.8#

141 521.3 58.9 88.3#

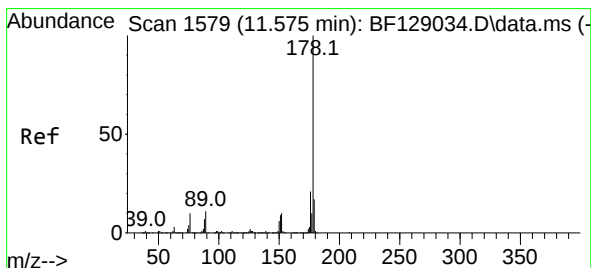
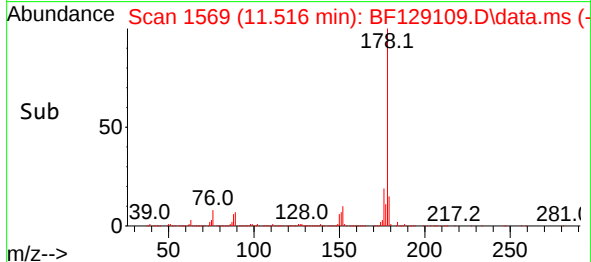
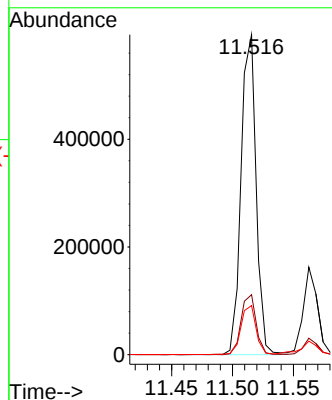
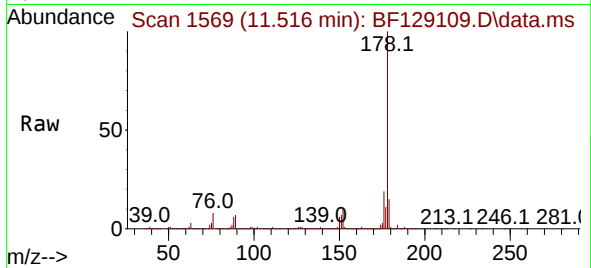




#71
Phenanthrene
Concen: 12.871 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

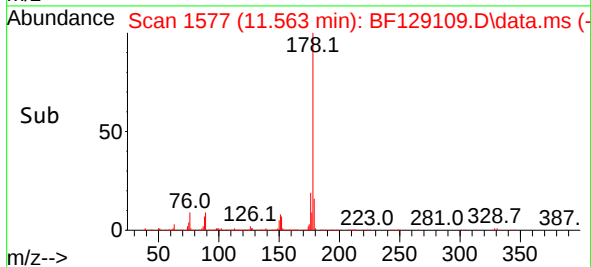
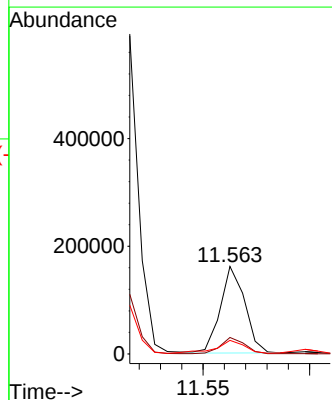
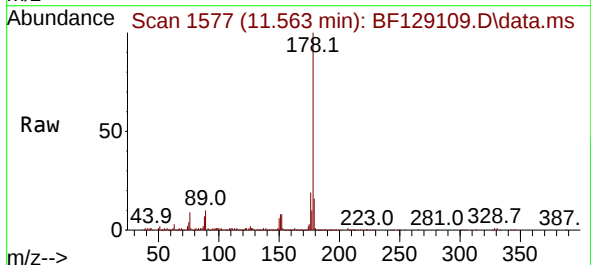
Instrument :
BNA_F
ClientSampleId :
SB-8A

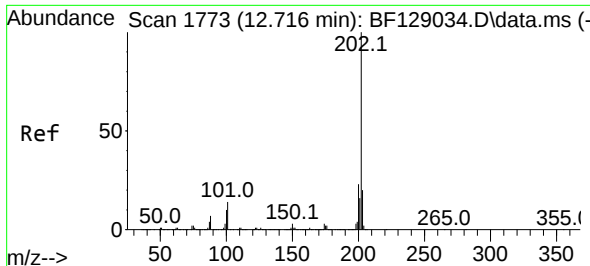
Tgt Ion:178 Resp: 511516
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.3 12.6 19.0



#72
Anthracene
Concen: 3.289 ng
RT: 11.563 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:178 Resp: 128879
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.6 12.6 19.0

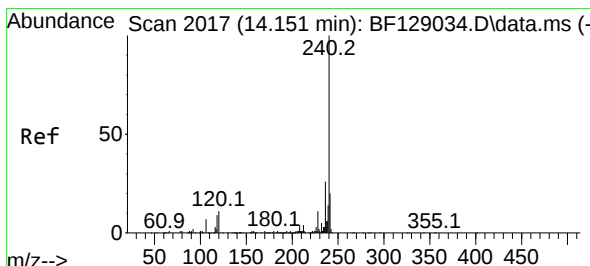
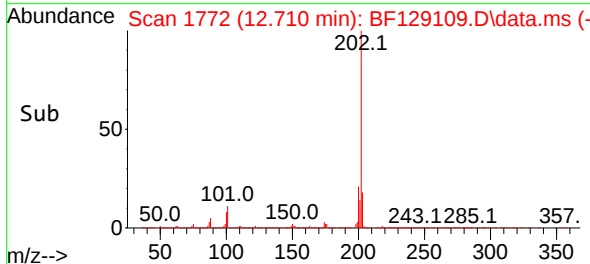
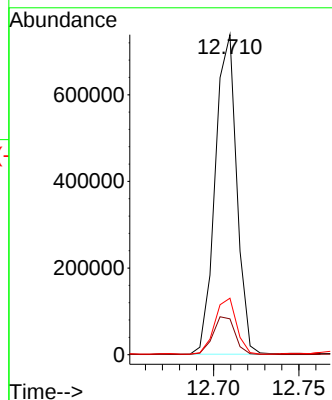
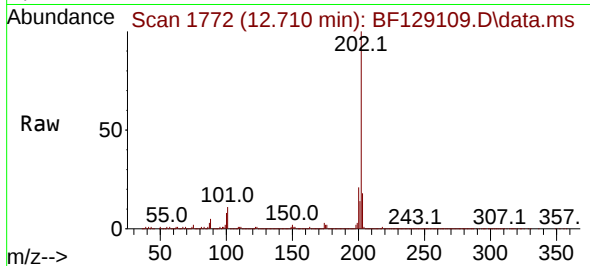




#75
Fluoranthene
Concen: 15.618 ng
RT: 12.710 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

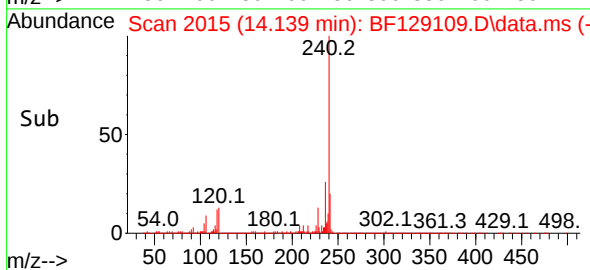
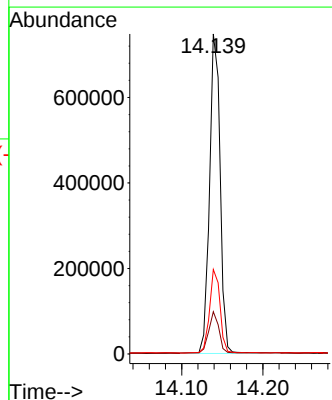
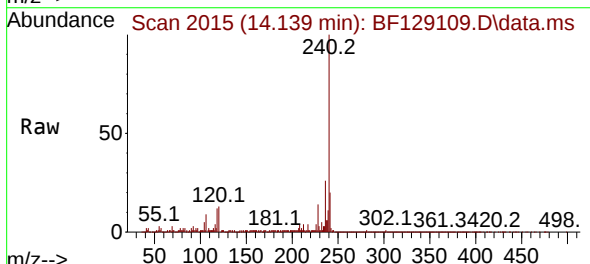
Instrument :
BNA_F
ClientSampleId :
SB-8A

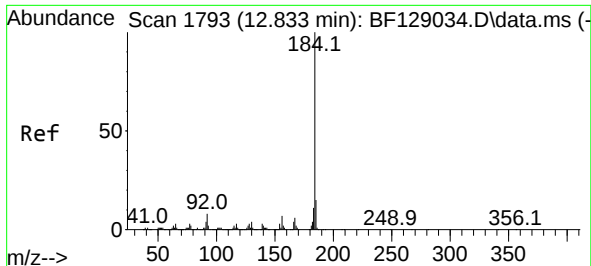
Tgt Ion:202 Resp: 649094
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:240 Resp: 674723
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 26.4 20.8 31.2

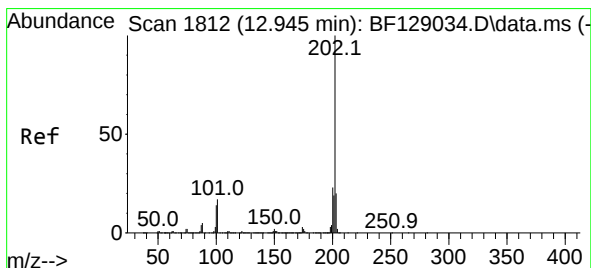
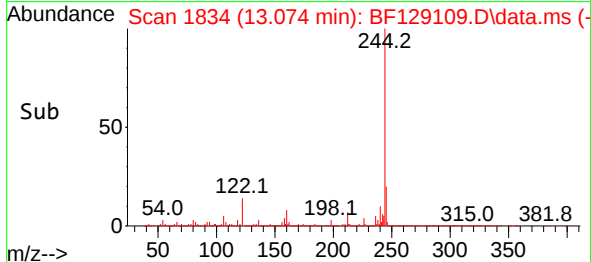
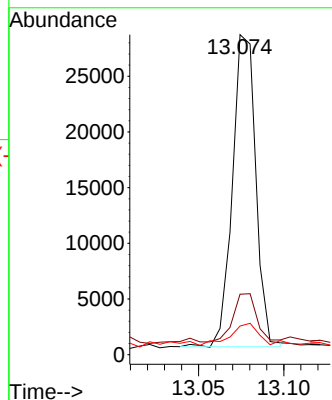
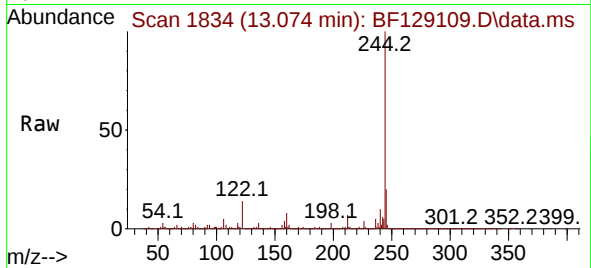




#77
Benzidine
Concen: 2.215 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.241 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

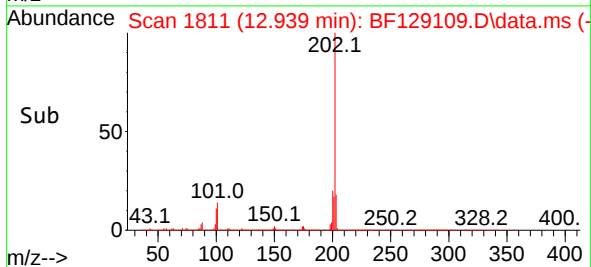
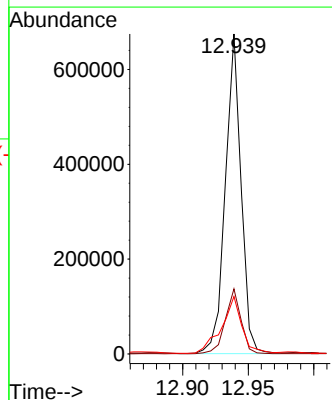
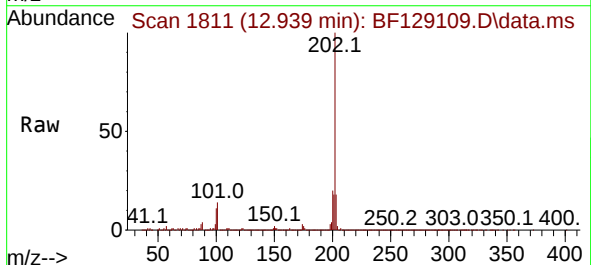
Instrument :
BNA_F
ClientSampleId :
SB-8A

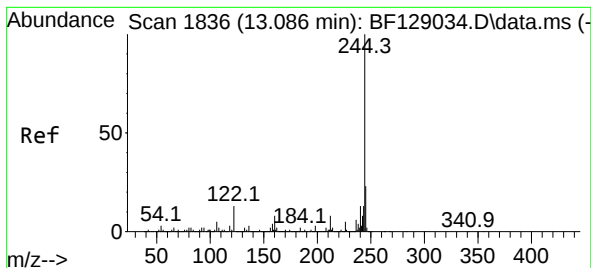
Tgt Ion:184 Resp: 26613
Ion Ratio Lower Upper
184 100
185 18.9 11.9 17.9#
183 8.9 9.3 13.9#



#78
Pyrene
Concen: 11.983 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:202 Resp: 560430
Ion Ratio Lower Upper
202 100
200 20.3 17.7 26.5
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 62.404 ng

RT: 13.080 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129109.D

Acq: 01 Jul 2022 23:59

Instrument :

BNA_F

ClientSampleId :

SB-8A

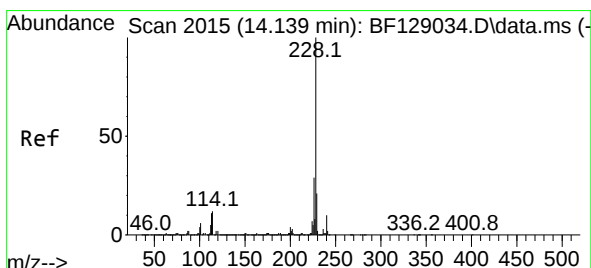
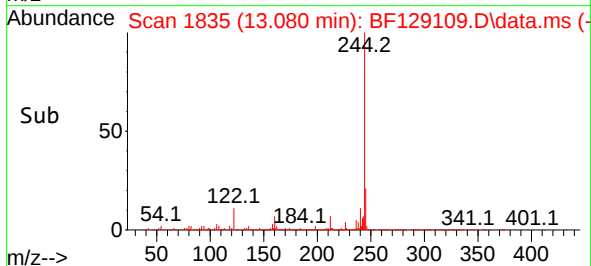
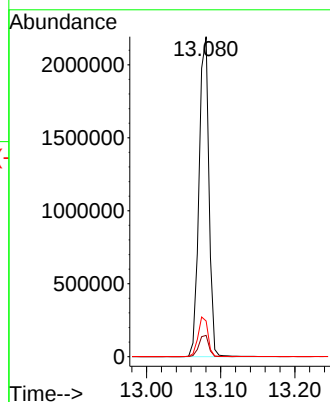
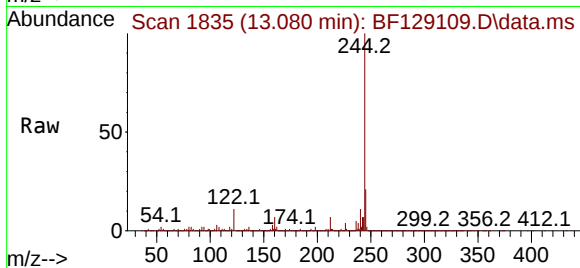
Tgt Ion:244 Resp: 2027576

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

122 11.2 8.8 13.2



#81

Benzo(a)anthracene

Concen: 6.932 ng

RT: 14.127 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF129109.D

Acq: 01 Jul 2022 23:59

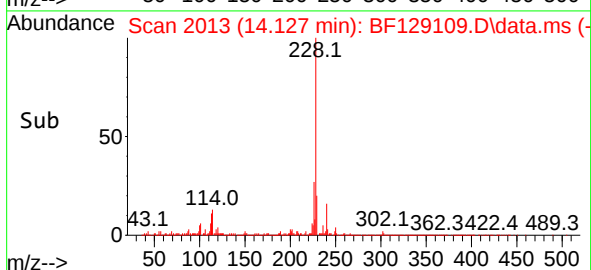
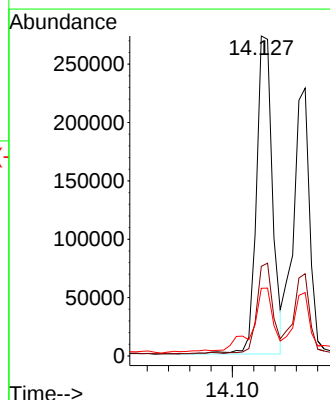
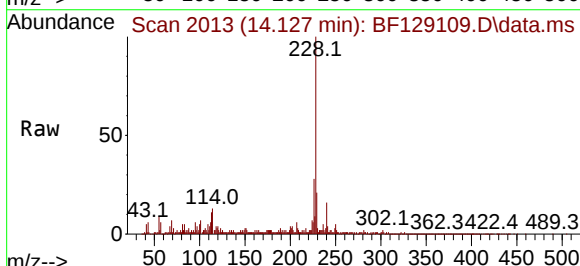
Tgt Ion:228 Resp: 285582

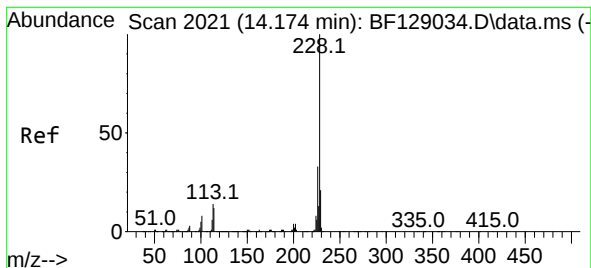
Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

229 21.1 15.8 23.8





#83

Chrysene

Concen: 6.326 ng

RT: 14.168 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129109.D

Acq: 01 Jul 2022 23:59

Instrument :

BNA_F

ClientSampleId :

SB-8A

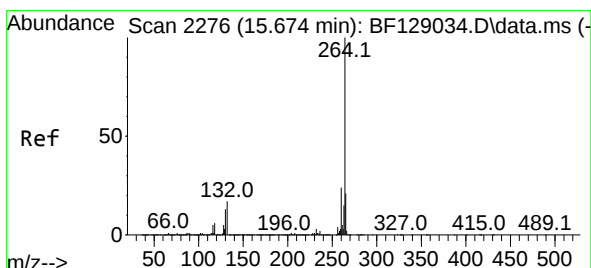
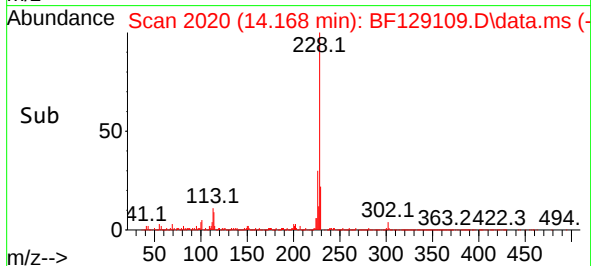
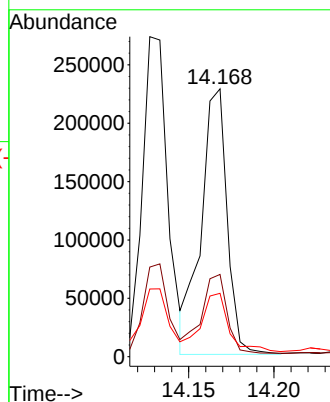
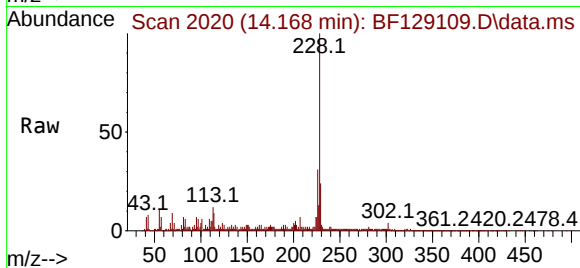
Tgt Ion:228 Resp: 241937

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

229 23.7 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: BF129109.D

Acq: 01 Jul 2022 23:59

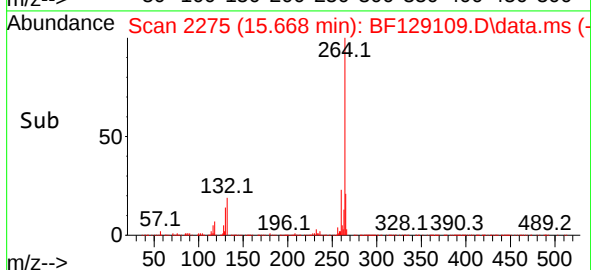
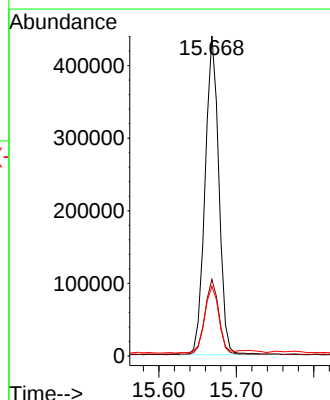
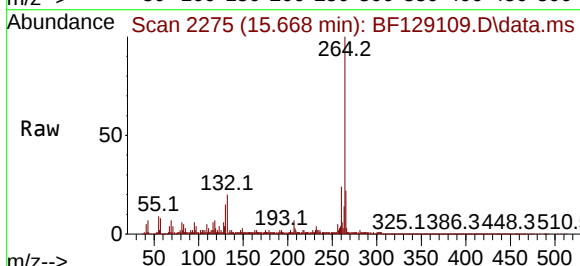
Tgt Ion:264 Resp: 541410

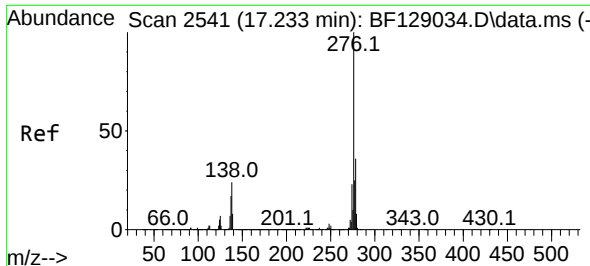
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.8 17.2 25.8

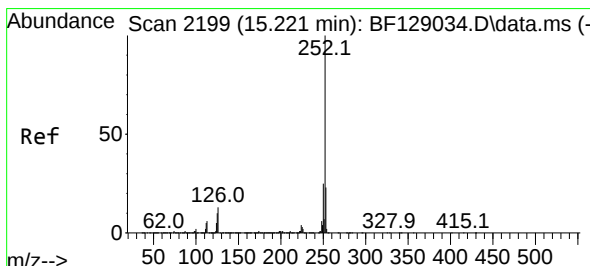
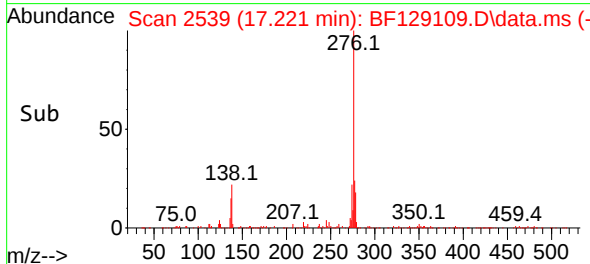
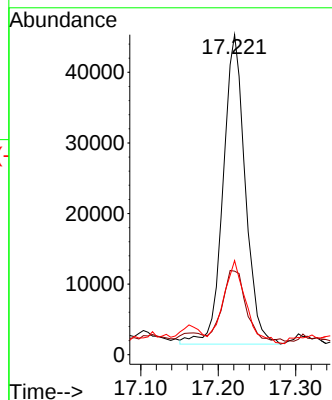
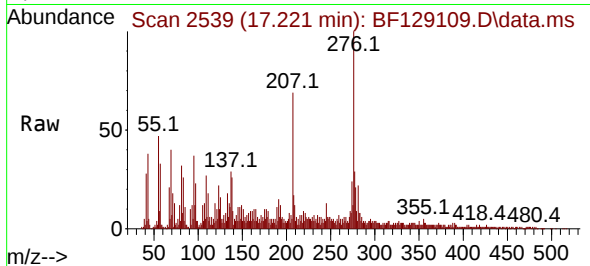




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.620 ng
RT: 17.221 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

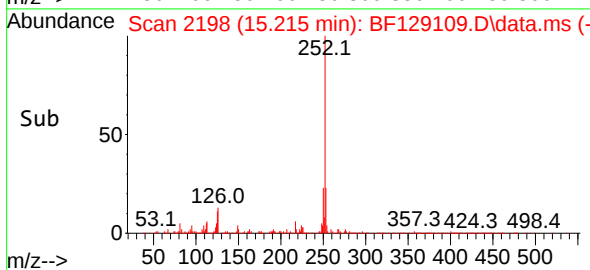
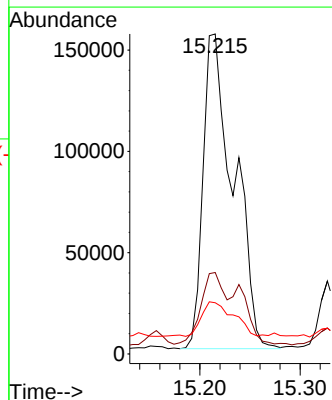
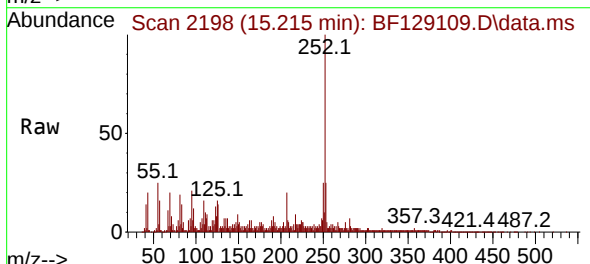
Instrument :
BNA_F
ClientSampleId :
SB-8A

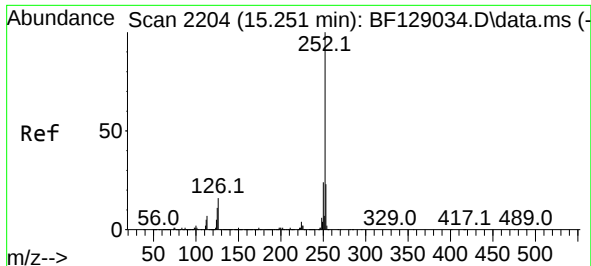
Tgt Ion:276 Resp: 87006
Ion Ratio Lower Upper
276 100
138 24.2 21.1 31.7
277 27.0 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 10.158 ng
RT: 15.215 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Tgt Ion:252 Resp: 330753
Ion Ratio Lower Upper
252 100
253 25.4 17.7 26.5
125 16.0 8.0 12.0#

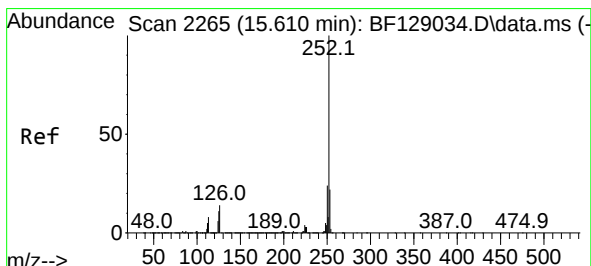
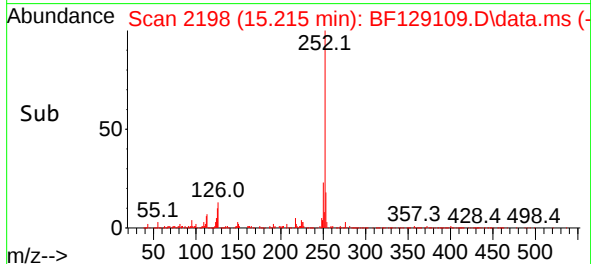
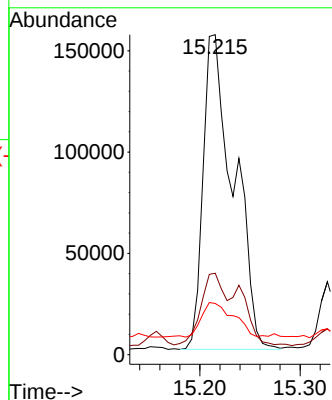
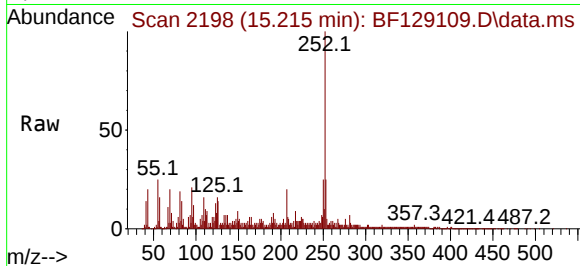




#89
Benzo(k)fluoranthene
Concen: 10.473 ng
RT: 15.215 min Scan# 2119
Delta R.T. -0.036 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

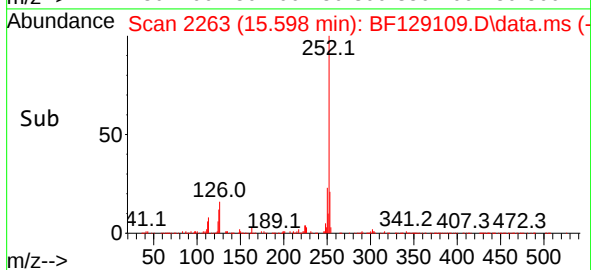
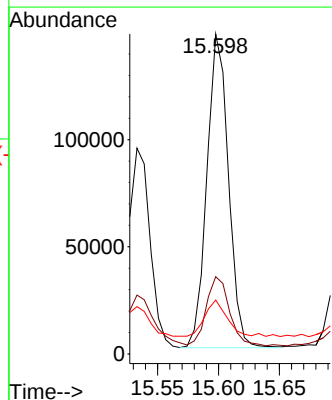
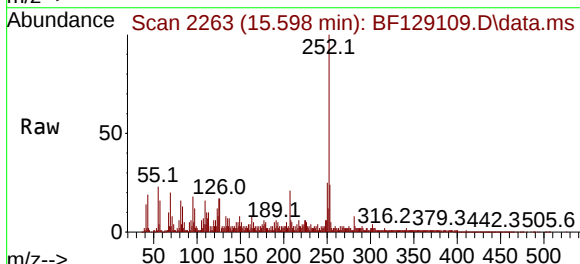
Instrument :
BNA_F
ClientSampleId :
SB-8A

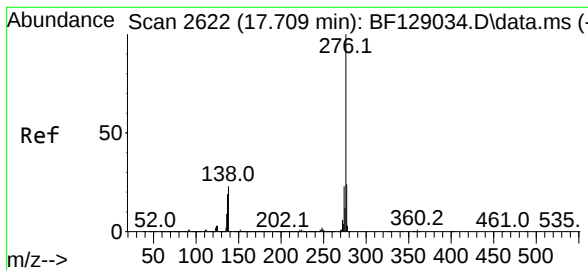
Tgt Ion:252 Resp: 330753
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.6
125 16.0 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 6.781 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

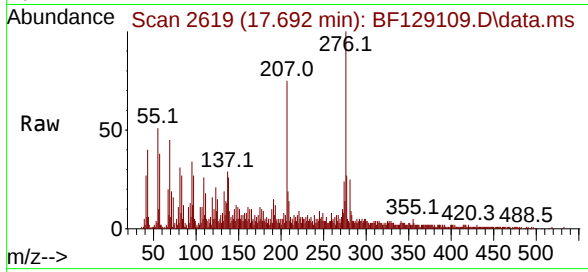
Tgt Ion:252 Resp: 179981
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 16.9 8.8 13.2#





#92
Benzo(g,h,i)perylene
Concen: 2.929 ng
RT: 17.692 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF129109.D
Acq: 01 Jul 2022 23:59

Instrument :
BNA_F
ClientSampleId :
SB-8A



Tgt Ion:	276	Resp:	79547
Ion Ratio	Lower	Upper	
276	100		
277	27.1	19.1	28.7
138	26.3	18.0	27.0

