

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129149.D
 Acq On : 06 Jul 2022 18:28
 Operator : CG\JU
 Sample : N3562-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7B

Quant Time: Jul 07 00:26:59 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)

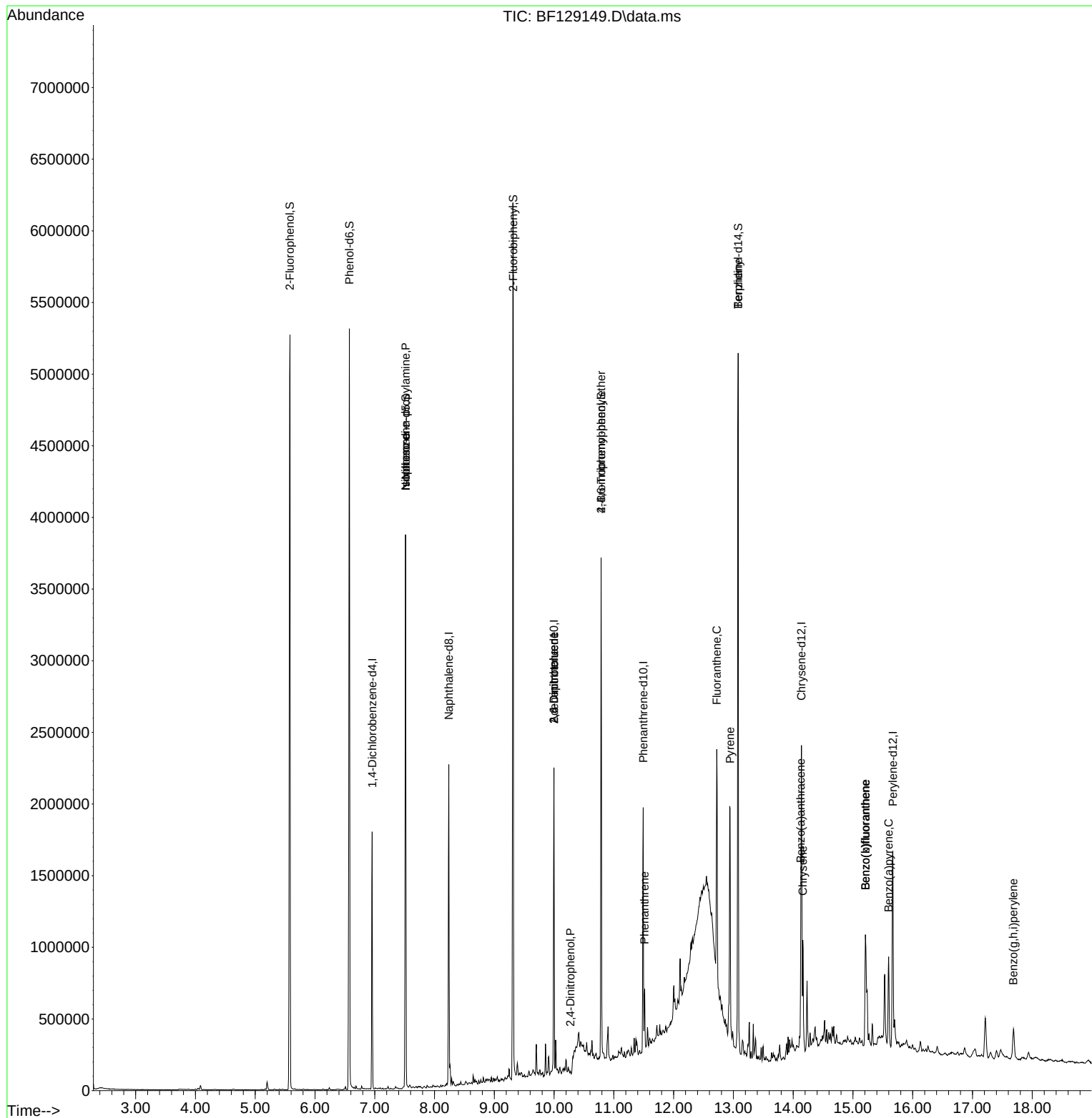
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	254768	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	912704	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	412514	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	606921	20.000	ng	0.00
76) Chrysene-d12	14.139	240	575390	20.000	ng	-0.01
86) Perylene-d12	15.668	264	651504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1552204	103.004	ng	0.00
7) Phenol-d6	6.575	99	1901178	101.582	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1165755	76.184	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	394175	87.878	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2028426	78.665	ng	0.00
79) Terphenyl-d14	13.080	244	1662575	60.004	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	2273	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.516	70	153870	14.212	ng	# 72
25) Isophorone	7.516	82	1140291	44.093	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	55374	10.500	ng	# 26
54) 2,4-Dinitrophenol	10.274	184	226	6.939	ng	# 49
57) 2,4-Dinitrotoluene	9.998	165	56126	8.621	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	24732	3.831	ng	# 1
71) Phenanthrene	11.516	178	154062	5.313	ng	99
75) Fluoranthene	12.721	202	703256	23.189	ng	99
77) Benzidine	13.080	184	21867	2.134	ng	# 93
78) Pyrene	12.945	202	692440	17.362	ng	98
81) Benzo(a)anthracene	14.127	228	324380	9.233	ng	98
83) Chrysene	14.162	228	313247	9.604	ng	97
88) Benzo(b)fluoranthene	15.209	252	612166	15.624	ng	97
89) Benzo(k)fluoranthene	15.209	252	612166	16.108	ng	98
90) Benzo(a)pyrene	15.598	252	317308	9.934	ng	98
92) Benzo(g,h,i)perylene	17.686	276	175930	5.383	ng	97

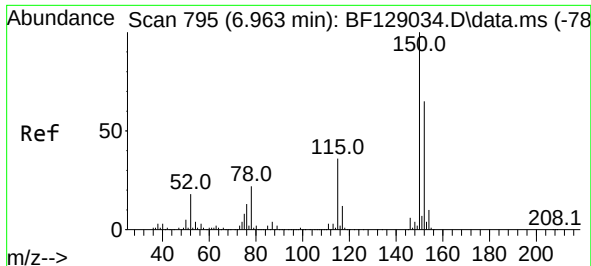
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129149.D
Acq On : 06 Jul 2022 18:28
Operator : CG\JU
Sample : N3562-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7B

Quant Time: Jul 07 00:26:59 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

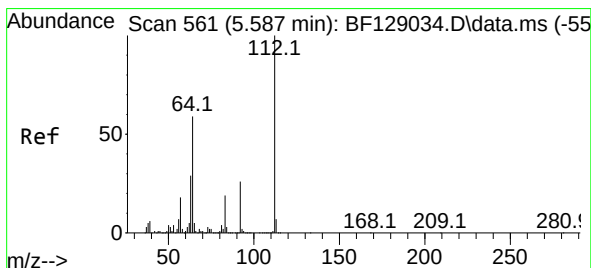
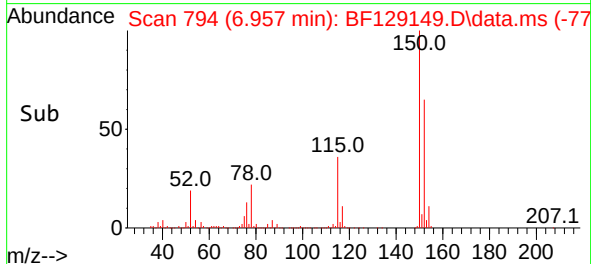
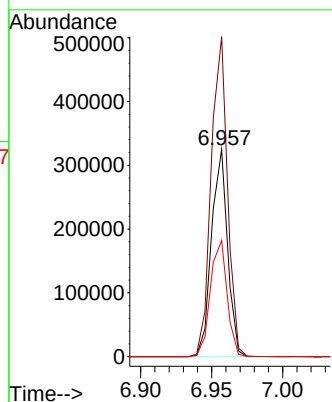
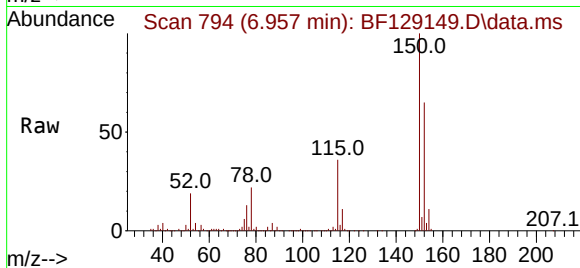




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129149.D
 Acq: 06 Jul 2022 18:28

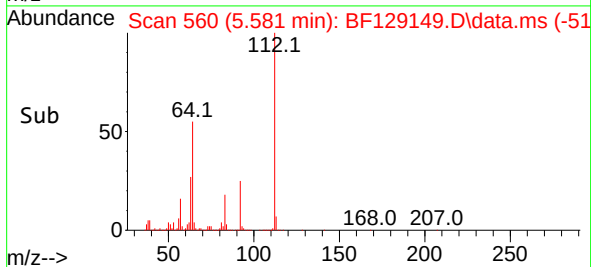
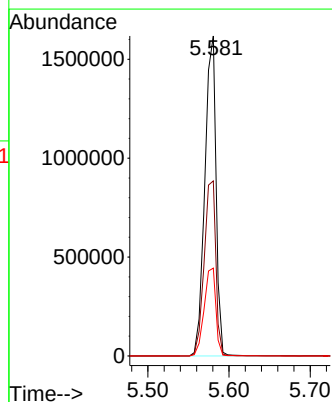
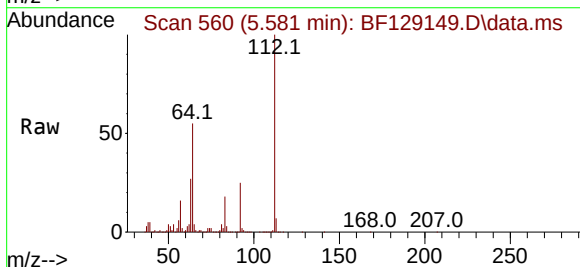
Instrument :
 BNA_F
 ClientSampleId :
 SB-7B

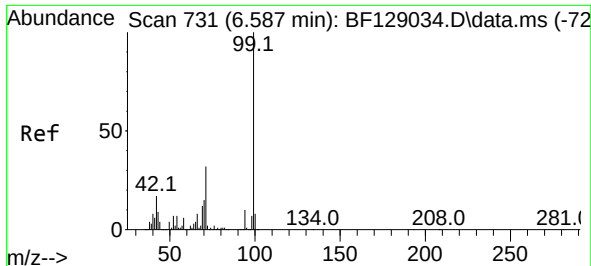
Tgt Ion:152 Resp: 254768
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.7 185.5
 115 56.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 103.004 ng
 RT: 5.581 min Scan# 560
 Delta R.T. -0.006 min
 Lab File: BF129149.D
 Acq: 06 Jul 2022 18:28

Tgt Ion:112 Resp: 1552204
 Ion Ratio Lower Upper
 112 100
 64 54.7 53.3 79.9
 63 27.4 28.0 42.0#





#7
Phenol-d6
Concen: 101.582 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

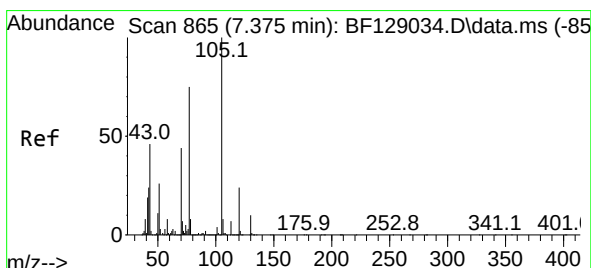
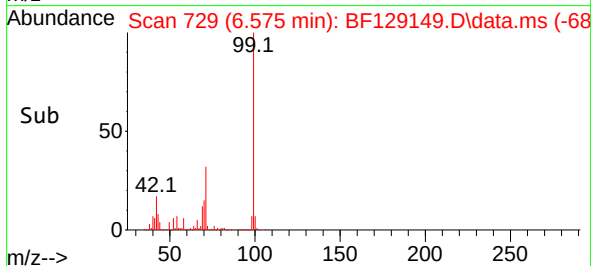
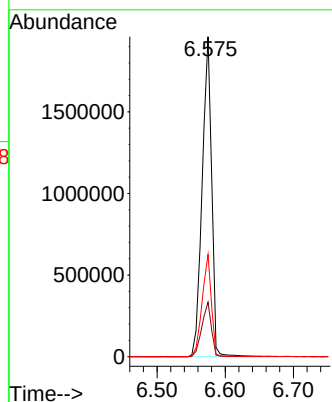
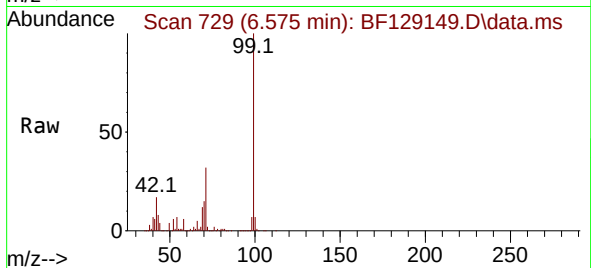
Instrument :

BNA_F

ClientSampleId :

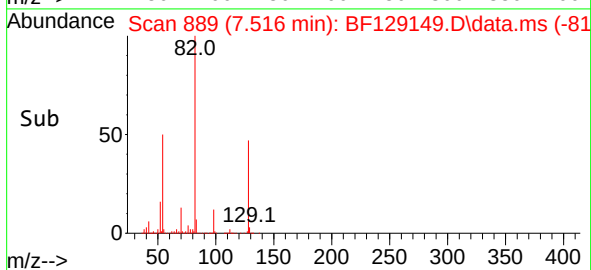
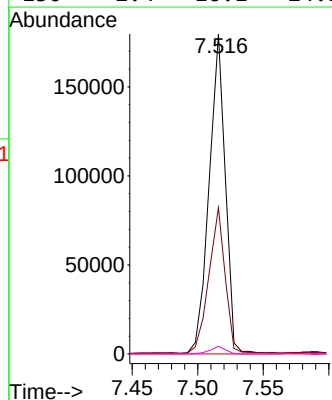
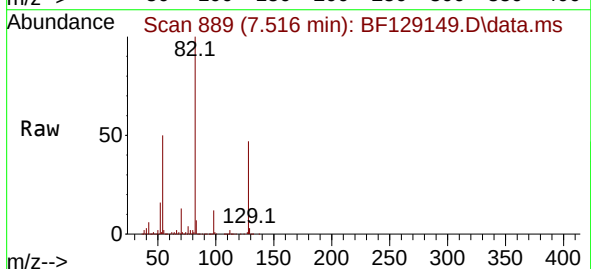
SB-7B

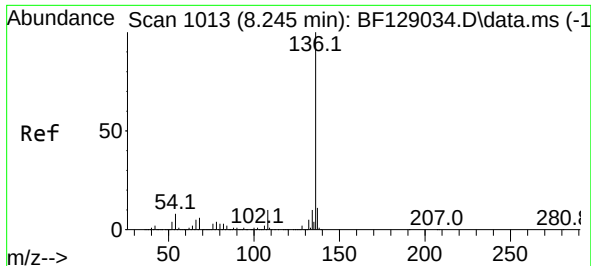
Tgt Ion: 99 Resp: 1901178
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 31.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.212 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion: 70 Resp: 153870
Ion Ratio Lower Upper
70 100
42 45.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#

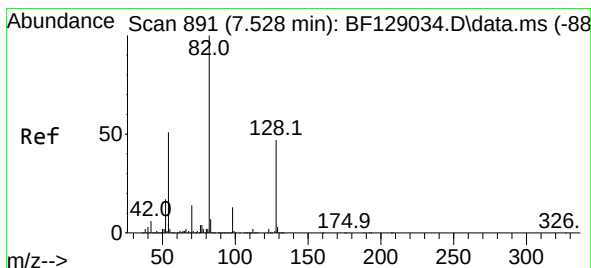
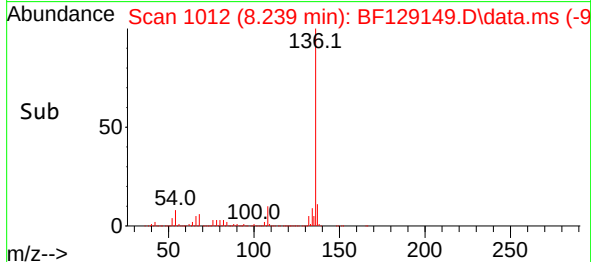
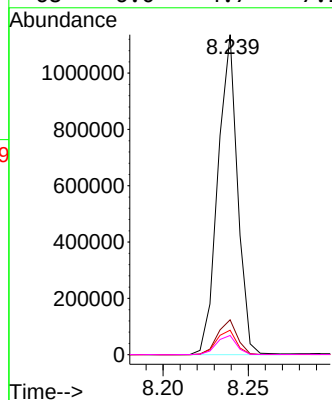
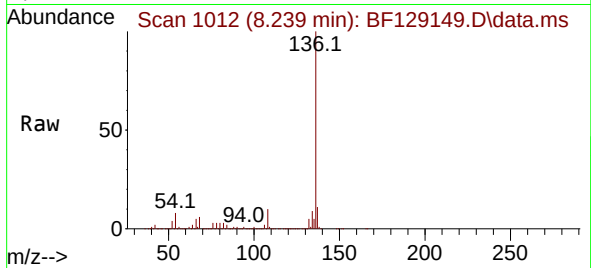




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

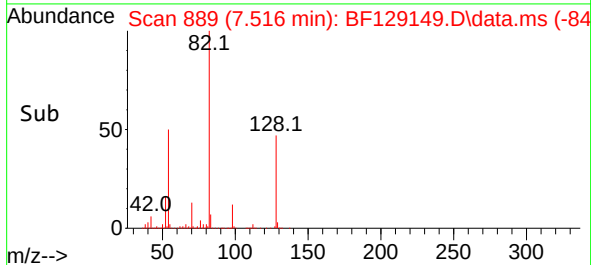
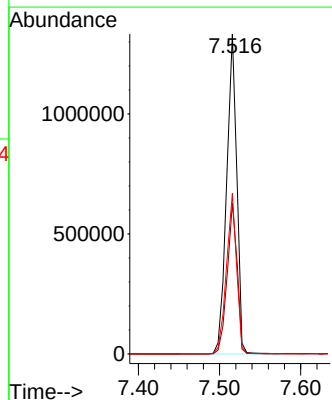
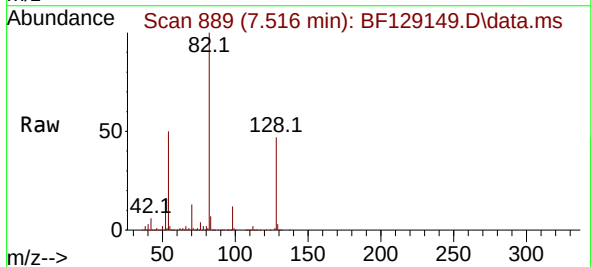
Instrument :
BNA_F
ClientSampleId :
SB-7B

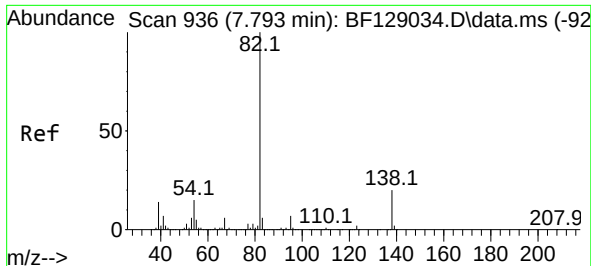
Tgt Ion:136 Resp: 912704
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 7.5 11.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 76.184 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion: 82 Resp: 1165755
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 50.2 46.9 70.3

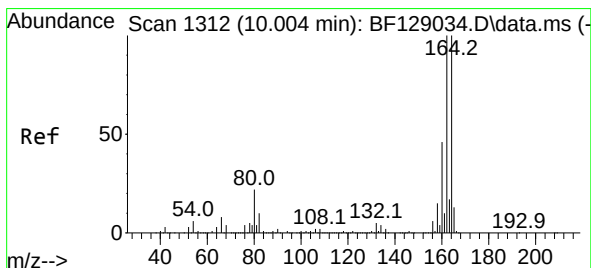
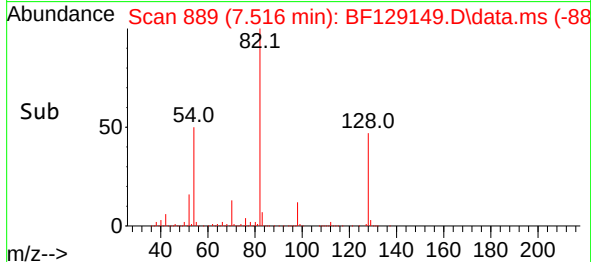
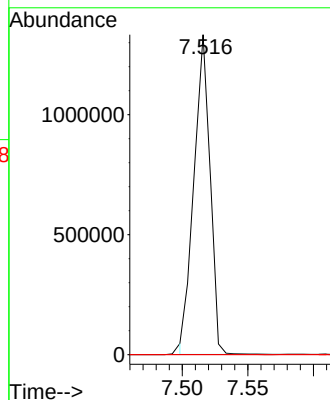
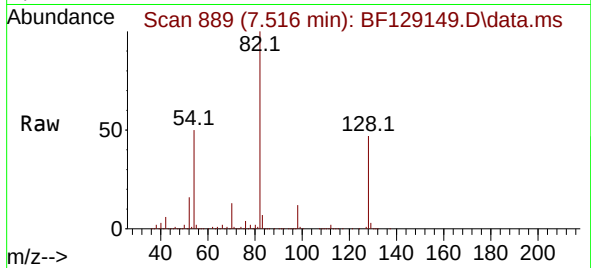




#25
Isophorone
Concen: 44.093 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

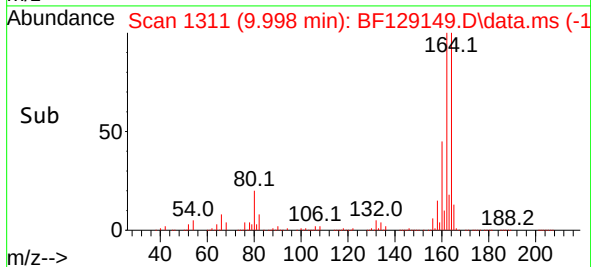
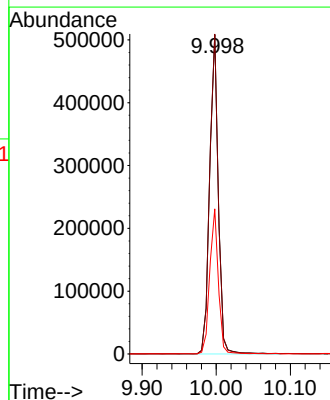
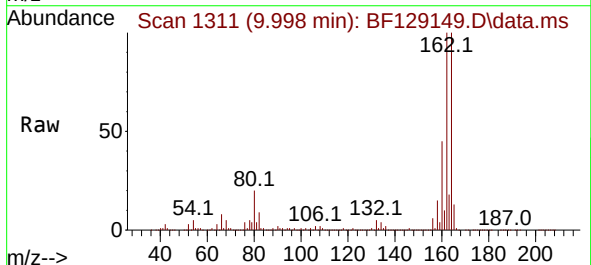
Instrument :
BNA_F
ClientSampleId :
SB-7B

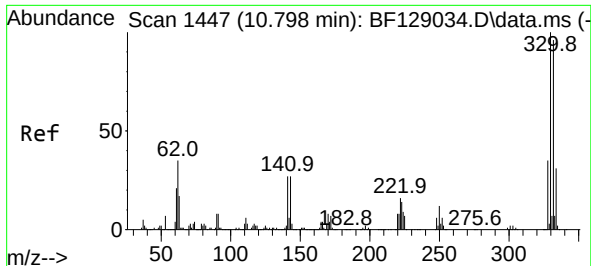
Tgt Ion: 82 Resp: 1140291
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion:164 Resp: 412514
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 45.5 34.2 51.4

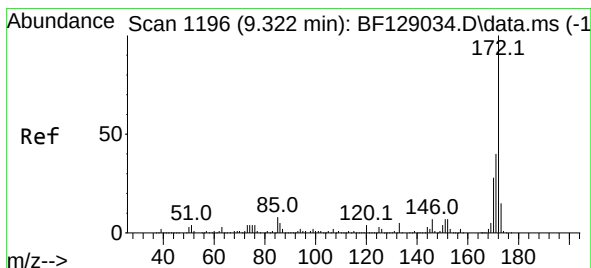
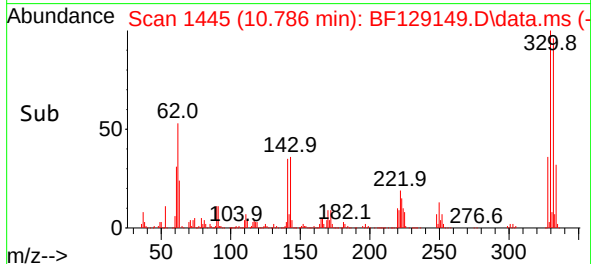
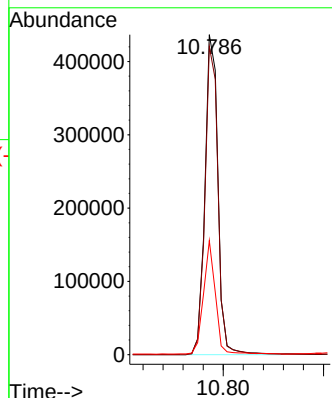
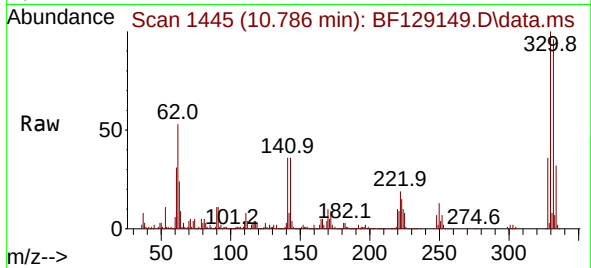




#42
2,4,6-Tribromophenol
Concen: 87.878 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

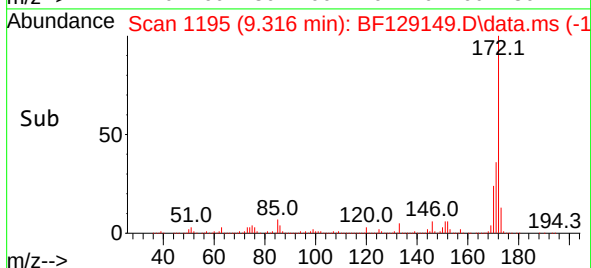
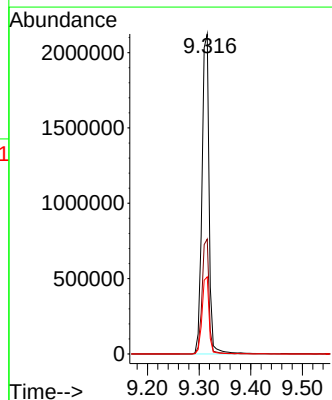
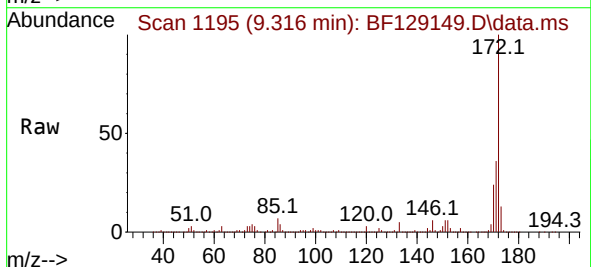
Instrument :
BNA_F
ClientSampleId :
SB-7B

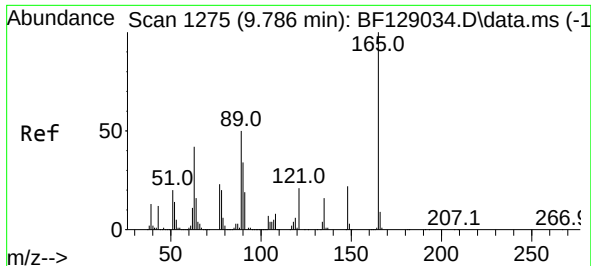
Tgt Ion:330 Resp: 394175
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 32.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 78.665 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion:172 Resp: 2028426
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.1 19.8 29.8

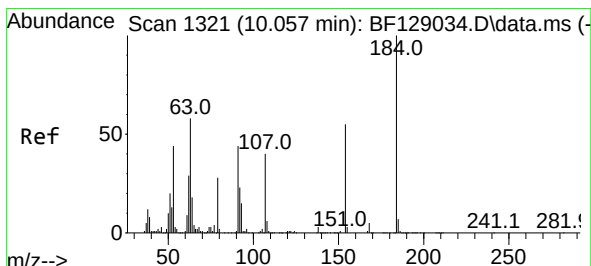
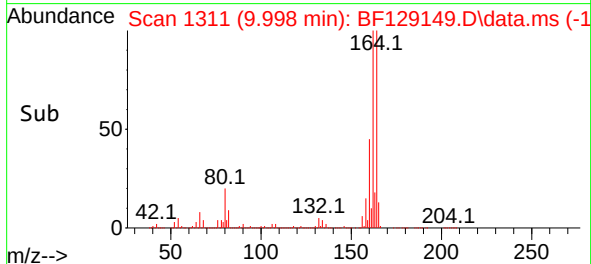
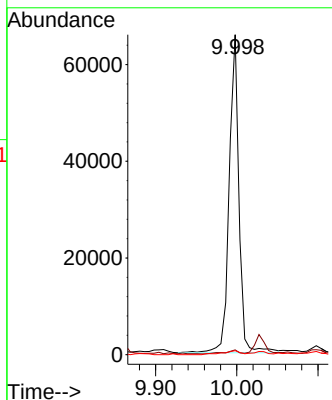
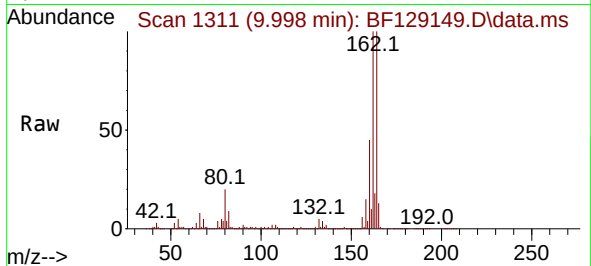




#51
2,6-Dinitrotoluene
Concen: 10.500 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

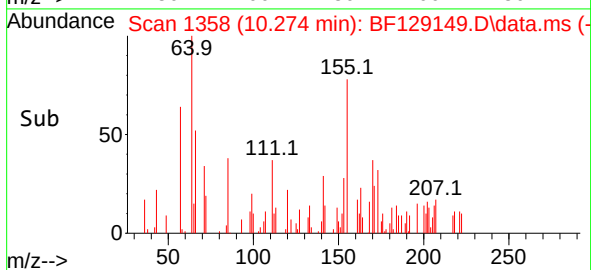
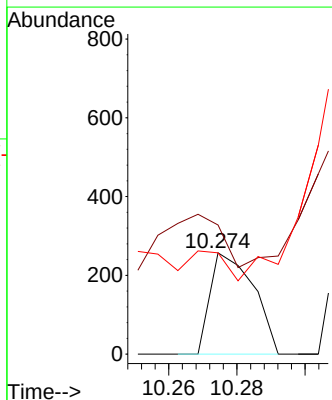
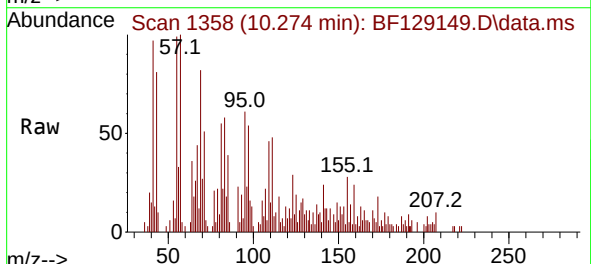
Instrument :
BNA_F
ClientSampleId :
SB-7B

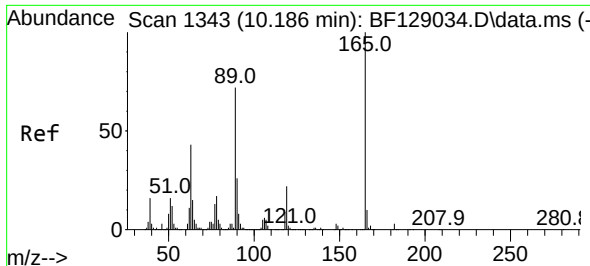
Tgt Ion:165 Resp: 55374
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.2 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 6.939 ng
RT: 10.274 min Scan# 1358
Delta R.T. 0.217 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion:184 Resp: 226
Ion Ratio Lower Upper
184 100
63 127.6 64.5 96.7#
154 100.0 50.6 75.8#

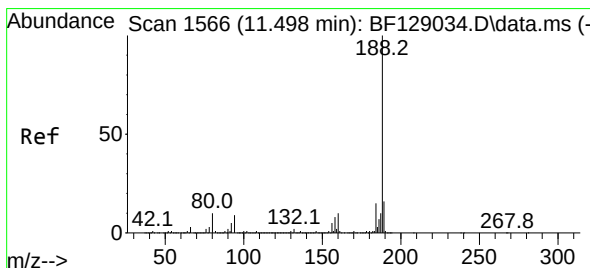
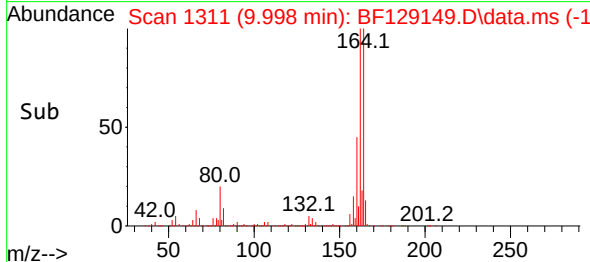
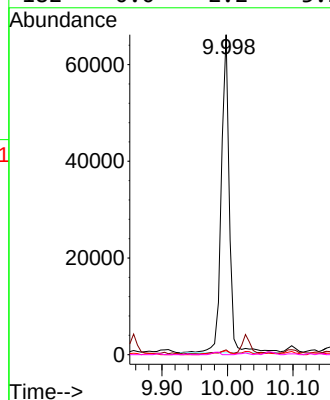
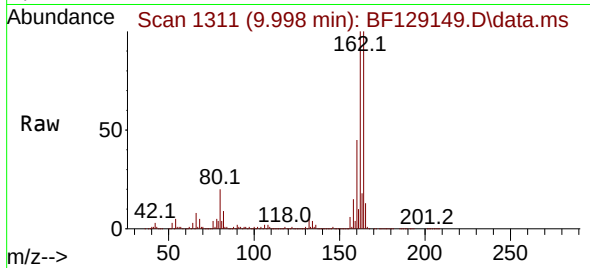




#57
2,4-Dinitrotoluene
Concen: 8.621 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

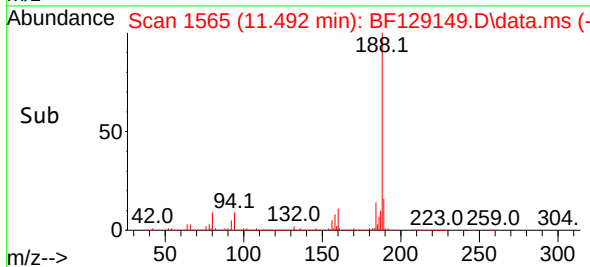
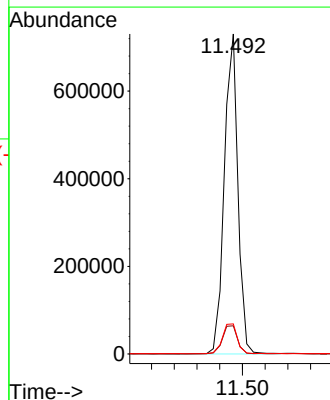
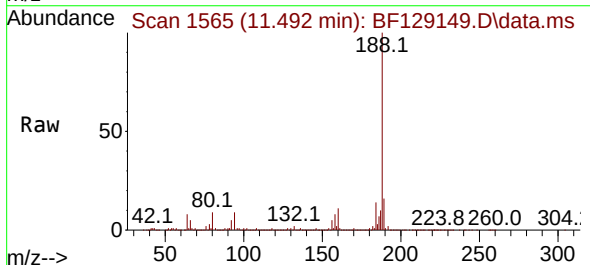
Instrument :
BNA_F
ClientSampleId :
SB-7B

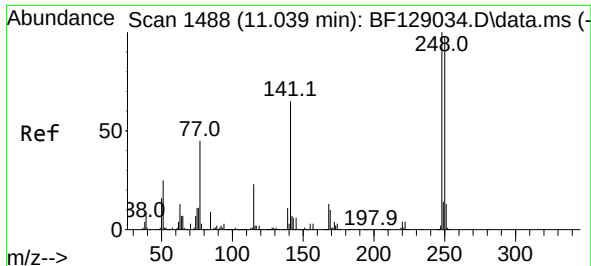
Tgt Ion:165 Resp: 56126
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion:188 Resp: 606921
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.4 7.6 11.4

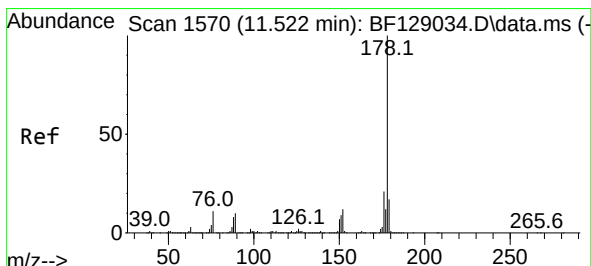
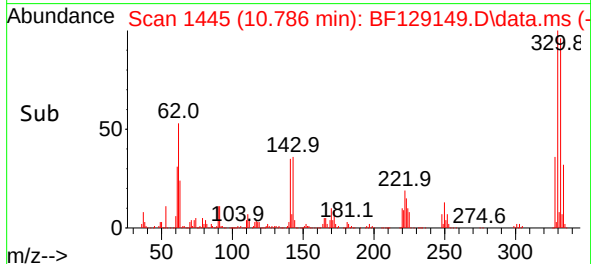
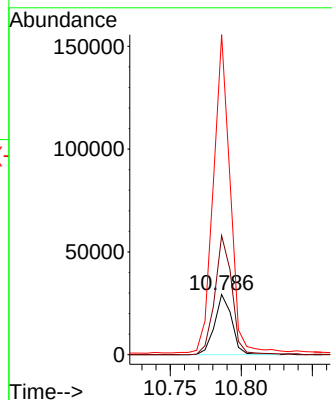
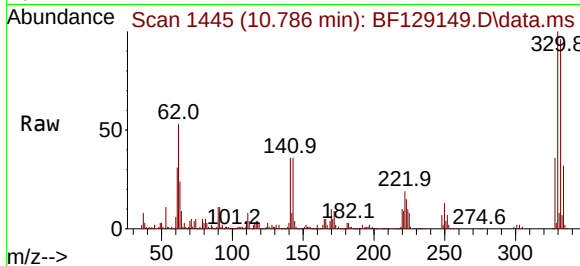




#67
4-Bromophenyl-phenylether
Concen: 3.831 ng
RT: 10.786 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

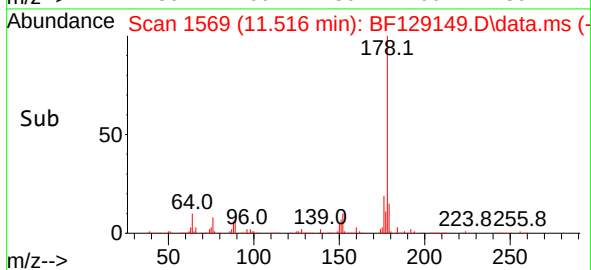
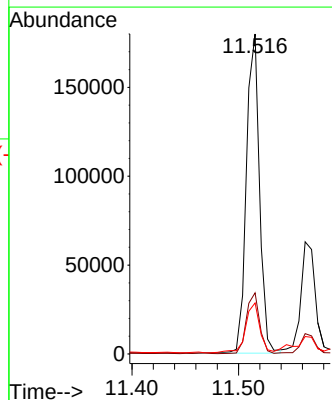
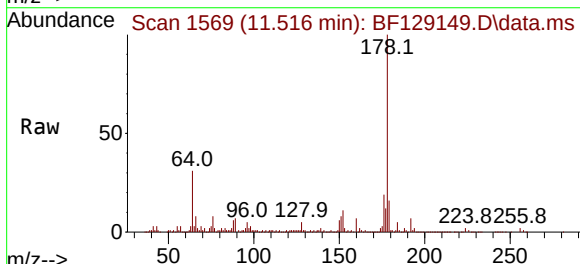
Instrument :
BNA_F
ClientSampleId :
SB-7B

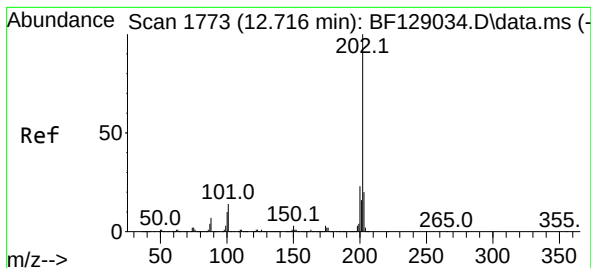
Tgt Ion:248 Resp: 24732
Ion Ratio Lower Upper
248 100
250 197.9 80.6 120.8#
141 531.7 58.9 88.3#



#71
Phenanthrene
Concen: 5.313 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion:178 Resp: 154062
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.9 12.6 19.0





#75

Fluoranthene

Concen: 23.189 ng

RT: 12.721 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

SB-7B

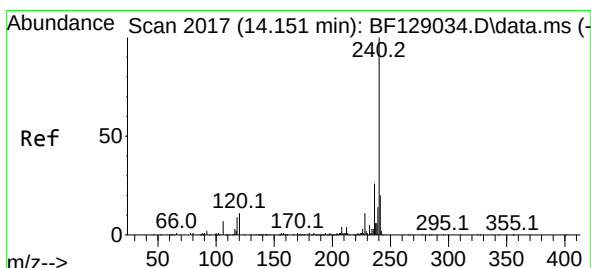
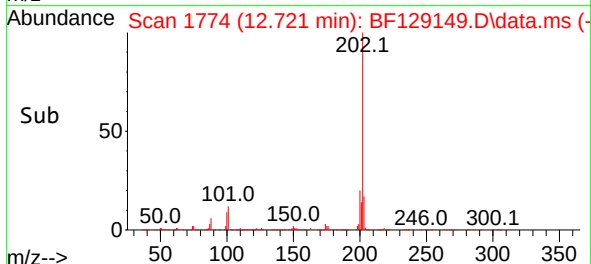
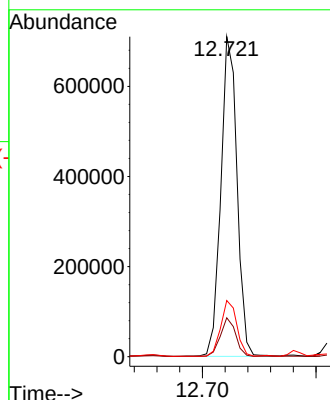
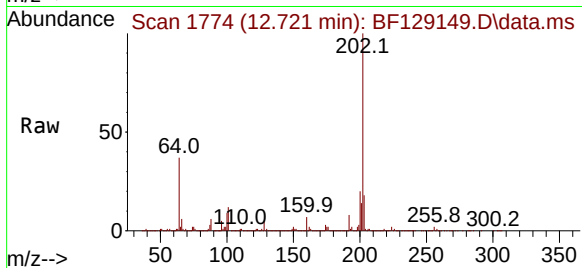
Tgt Ion:202 Resp: 703256

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.4

203 17.5 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: BF129149.D

Acq: 06 Jul 2022 18:28

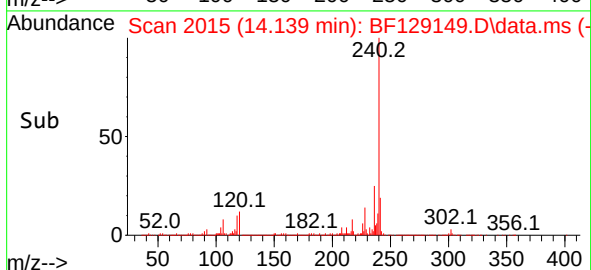
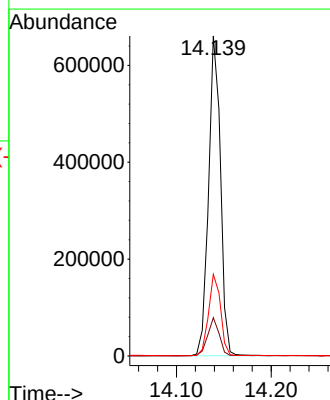
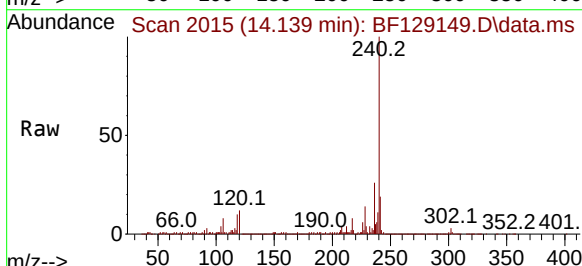
Tgt Ion:240 Resp: 575390

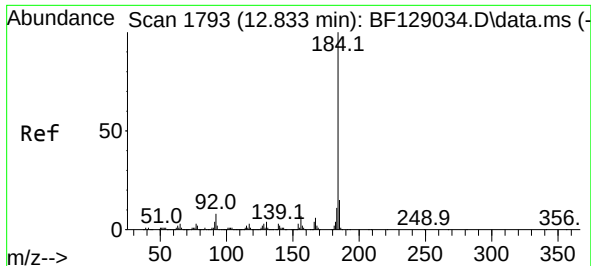
Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

236 25.5 20.8 31.2

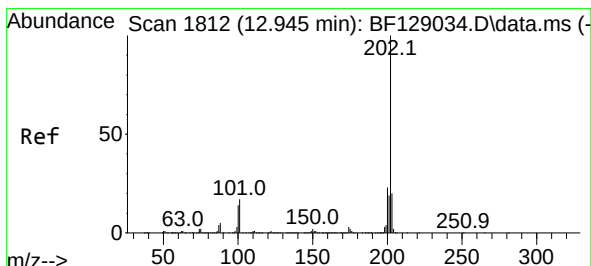
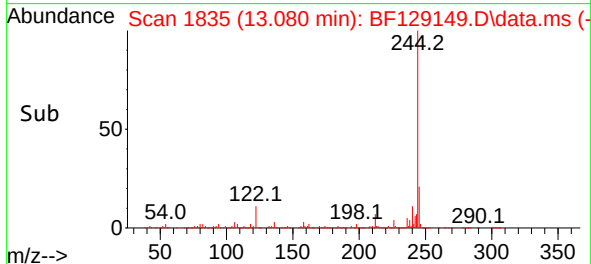
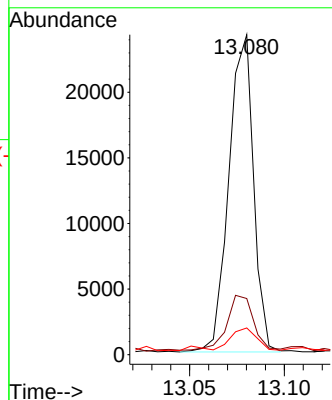
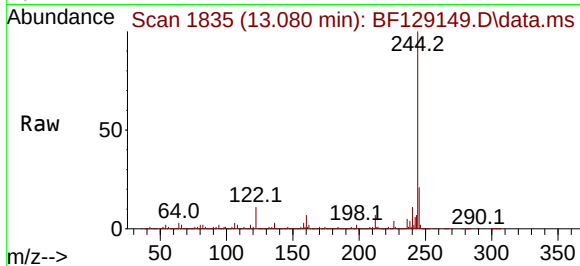




#77
Benzidine
Concen: 2.134 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

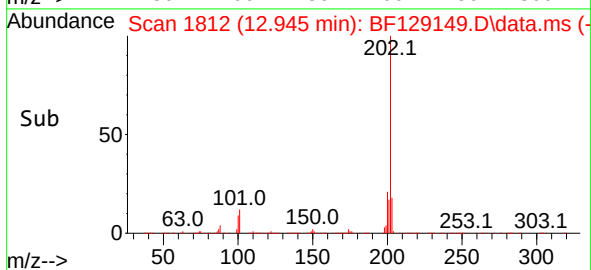
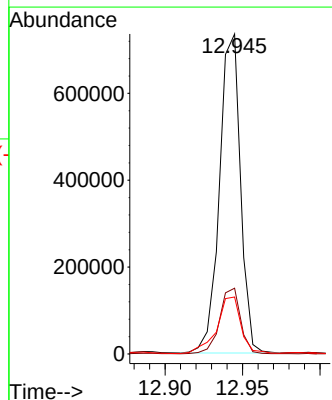
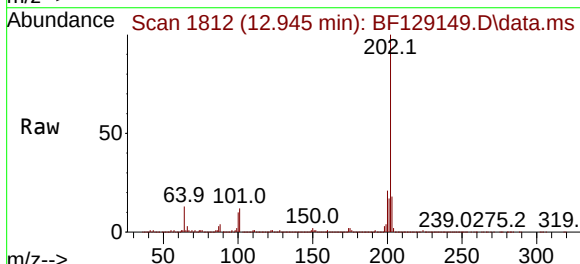
Instrument :
BNA_F
ClientSampleId :
SB-7B

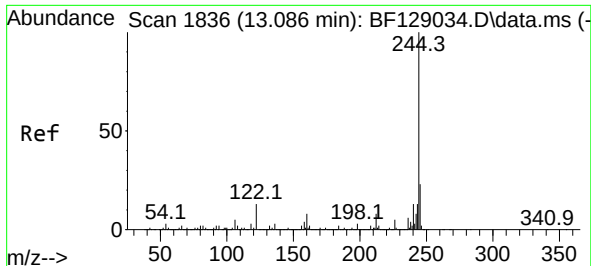
Tgt Ion:184 Resp: 21867
Ion Ratio Lower Upper
184 100
185 17.6 11.9 17.9
183 8.4 9.3 13.9#



#78
Pyrene
Concen: 17.362 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion:202 Resp: 692440
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 17.8 14.6 21.8

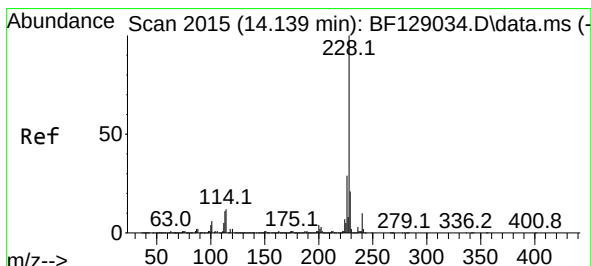
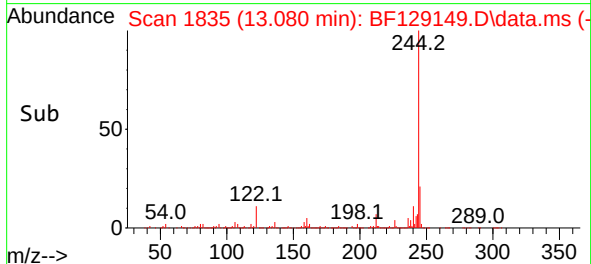
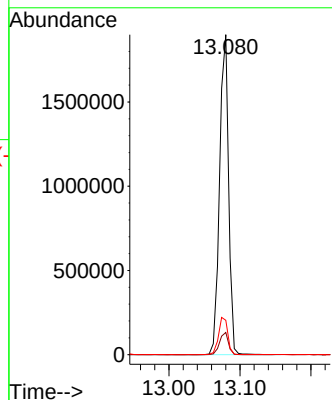
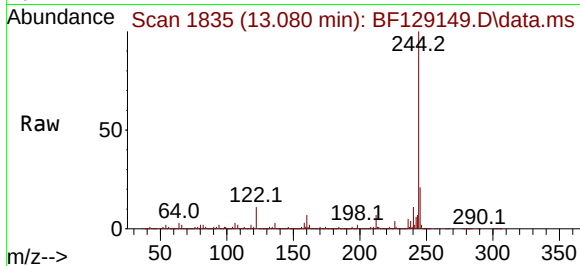




#79
 Terphenyl-d14
 Concen: 60.004 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129149.D
 Acq: 06 Jul 2022 18:28

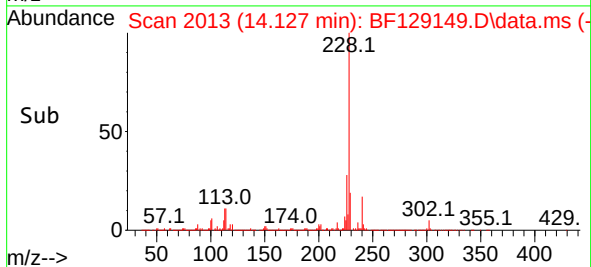
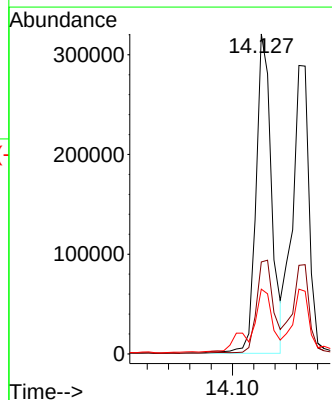
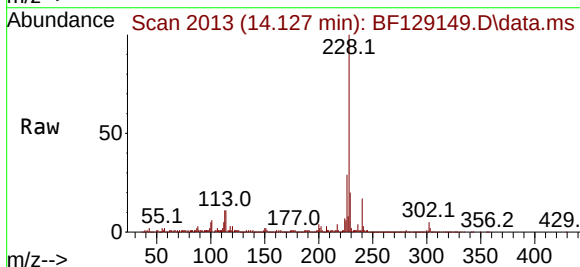
Instrument :
 BNA_F
 ClientSampleId :
 SB-7B

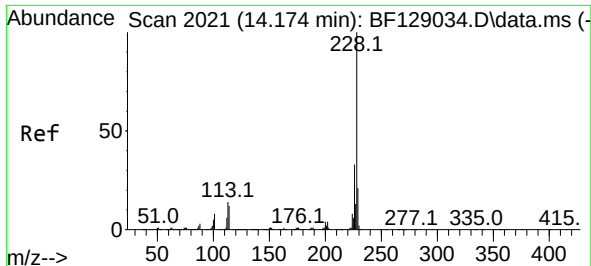
Tgt Ion:244 Resp: 1662575
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.8 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 9.233 ng
 RT: 14.127 min Scan# 2013
 Delta R.T. -0.012 min
 Lab File: BF129149.D
 Acq: 06 Jul 2022 18:28

Tgt Ion:228 Resp: 324380
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.1 33.1
 229 20.2 15.8 23.8

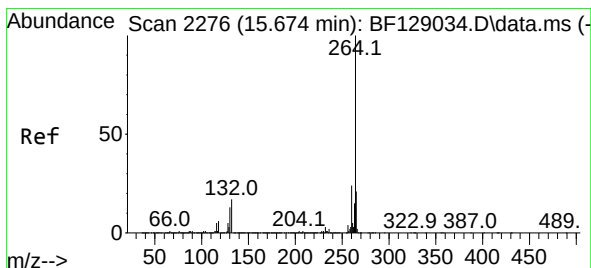
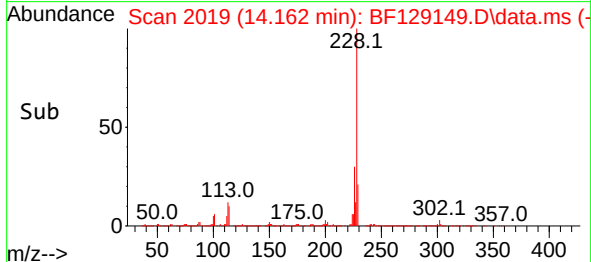
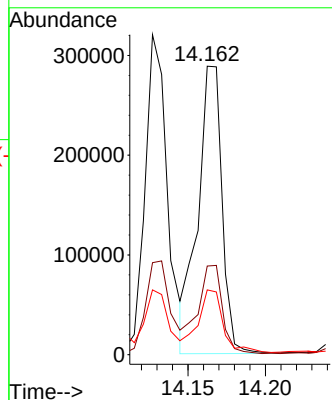
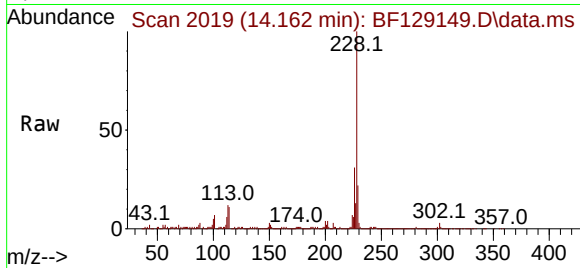




#83
Chrysene
Concen: 9.604 ng
RT: 14.162 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

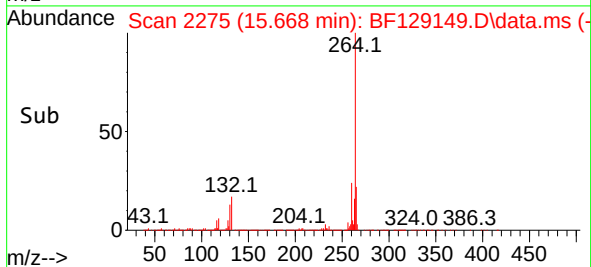
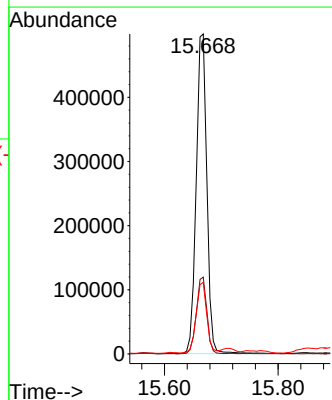
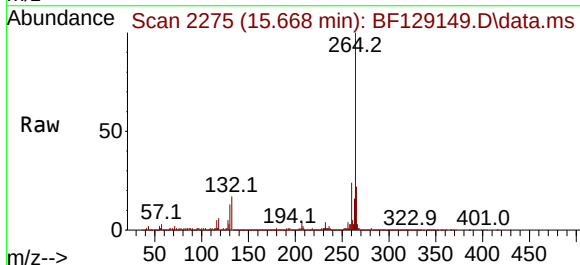
Instrument :
BNA_F
ClientSampleId :
SB-7B

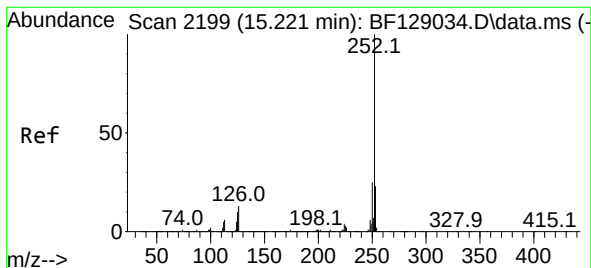
Tgt Ion:228 Resp: 313247
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 22.5 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129149.D
Acq: 06 Jul 2022 18:28

Tgt Ion:264 Resp: 651504
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 22.3 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 15.624 ng

RT: 15.209 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

SB-7B

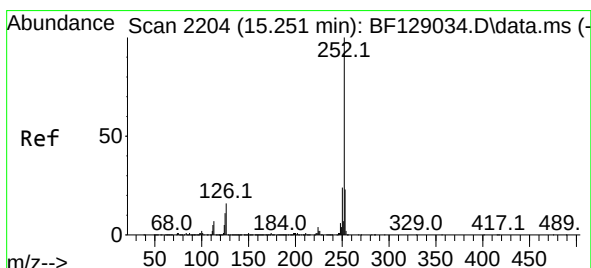
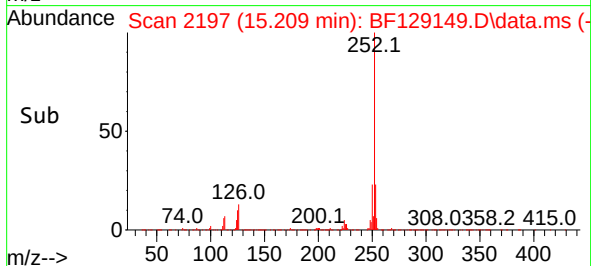
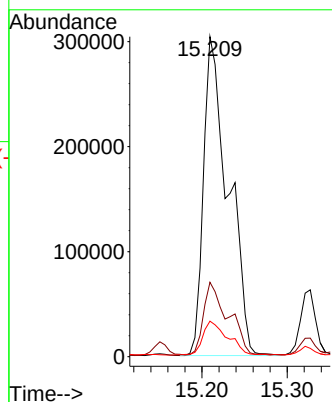
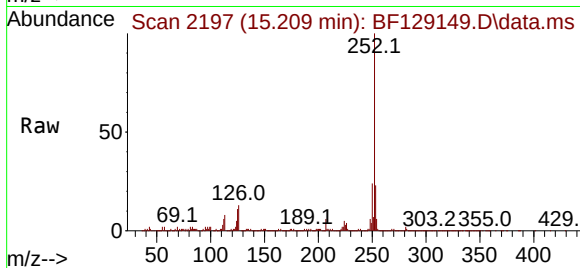
Tgt Ion:252 Resp: 612166

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 11.1 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 16.108 ng

RT: 15.209 min Scan# 2197

Delta R.T. -0.041 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

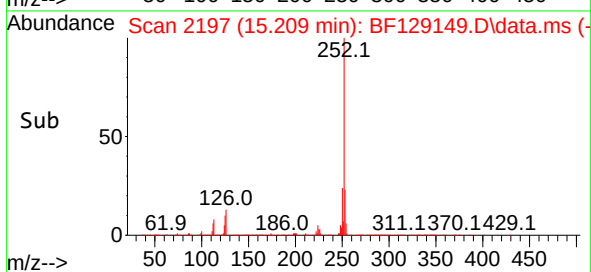
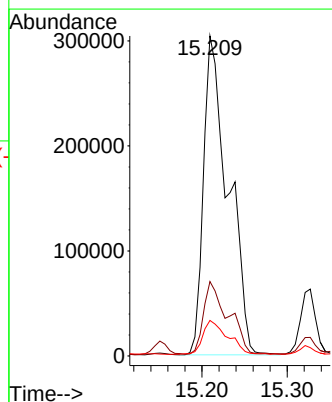
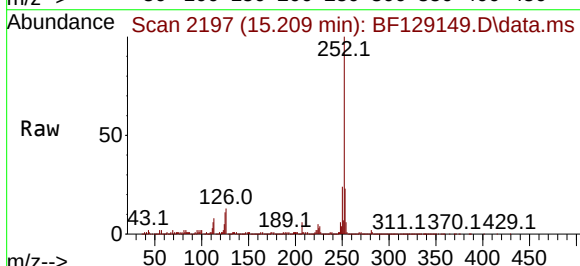
Tgt Ion:252 Resp: 612166

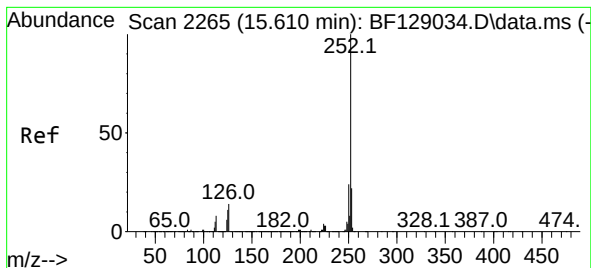
Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 11.1 8.3 12.5





#90

Benzo(a)pyrene

Concen: 9.934 ng

RT: 15.598 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

SB-7B

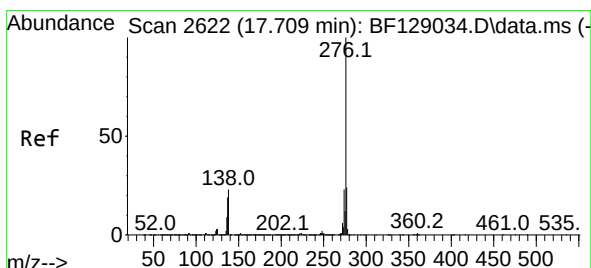
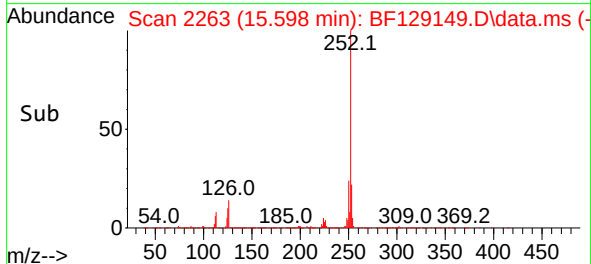
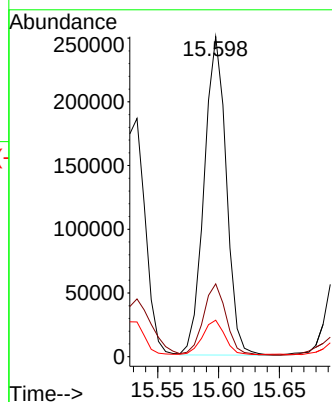
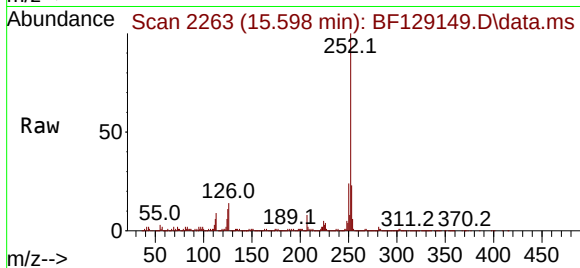
Tgt Ion:252 Resp: 317308

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 11.4 8.8 13.2



#92

Benzo(g,h,i)perylene

Concen: 5.383 ng

RT: 17.686 min Scan# 2618

Delta R.T. -0.024 min

Lab File: BF129149.D

Acq: 06 Jul 2022 18:28

Tgt Ion:276 Resp: 175930

Ion Ratio Lower Upper

276 100

277 21.9 19.1 28.7

138 21.2 18.0 27.0

