

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
 Data File : BF129178.D
 Acq On : 08 Jul 2022 16:40
 Operator : CG\JU
 Sample : N3622-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220503-FIELD-DUP-COMPOSITE

Quant Time: Jul 08 23:24:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 23:22:06 2022
 Response via : Initial Calibration

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

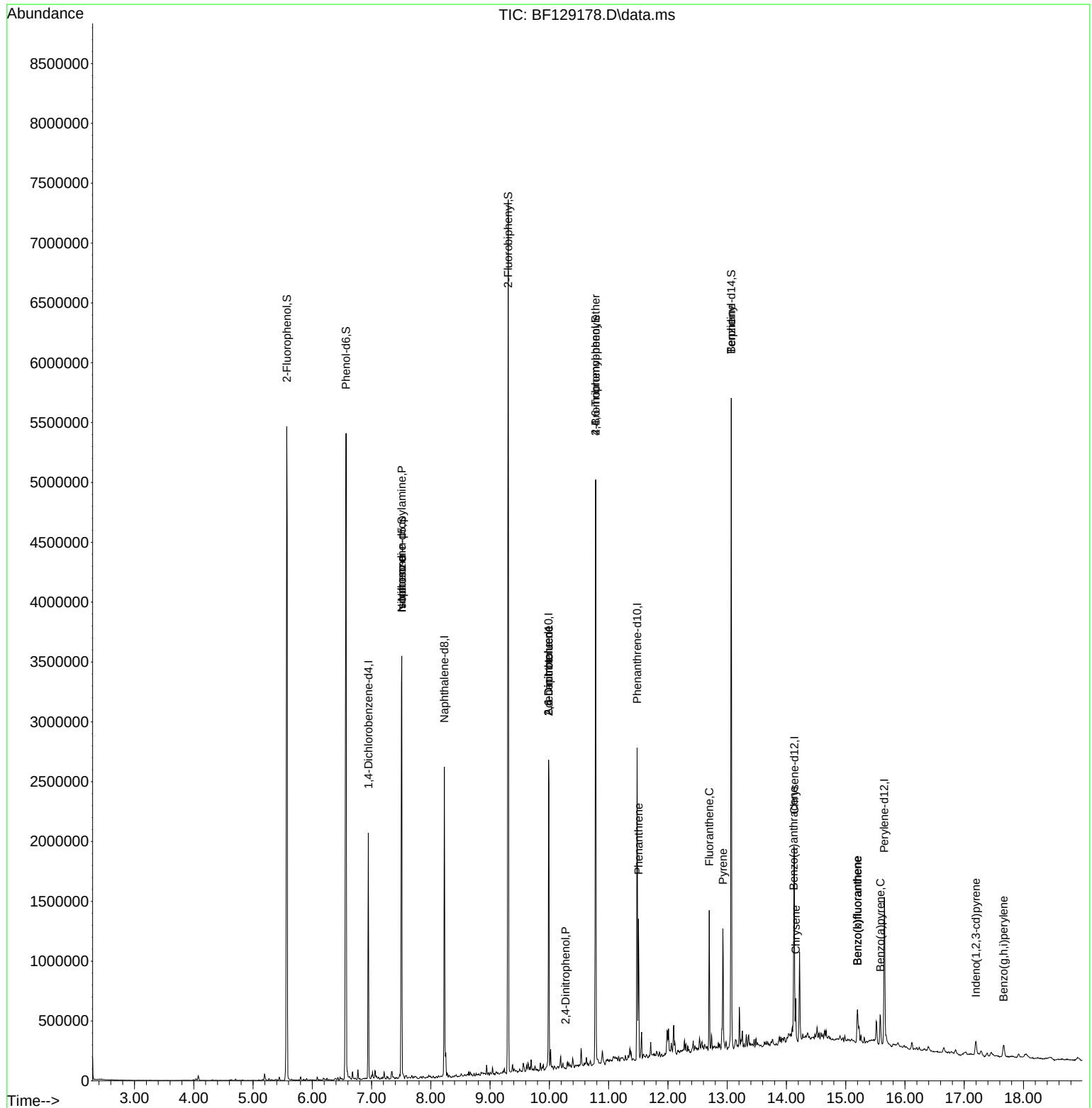
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	278339	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	1054743	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	535070	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	894508	20.000	ng	0.00
76) Chrysene-d12	14.133	240	522643	20.000	ng	0.00
86) Perylene-d12	15.651	264	559767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1660580	100.864	ng	0.00
7) Phenol-d6	6.569	99	2045866	100.056	ng	0.00
23) Nitrobenzene-d5	7.510	82	1210334	68.445	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	592001	101.752	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	2096262	62.675	ng	0.00
79) Terphenyl-d14	13.069	244	1749087	69.497	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	612	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.510	70	161469	13.651	ng	# 70
25) Isophorone	7.510	82	1210749	40.513	ng	# 65
51) 2,6-Dinitrotoluene	9.986	165	71557	10.461	ng	# 25
54) 2,4-Dinitrophenol	10.275	184	219	6.920	ng	# 58
57) 2,4-Dinitrotoluene	9.986	165	71557	8.474	ng	# 21
67) 4-Bromophenyl-phenylether	10.781	248	35892	3.772	ng	# 1
71) Phenanthrene	11.504	178	384513	8.997	ng	99
75) Fluoranthene	12.698	202	411409	9.204	ng	99
77) Benzidine	13.069	184	24355	2.617	ng	# 96
78) Pyrene	12.927	202	391363	10.803	ng	97
81) Benzo(a)anthracene	14.121	228	141128	4.422	ng	97
83) Chrysene	14.157	228	137654	4.646	ng	96
87) Indeno(1,2,3-cd)pyrene	17.198	276	82539	2.404	ng	98
88) Benzo(b)fluoranthene	15.198	252	215583	6.404	ng	# 97
89) Benzo(k)fluoranthene	15.198	252	215583	6.603	ng	98
90) Benzo(a)pyrene	15.586	252	127895	4.660	ng	96
92) Benzo(g,h,i)perylene	17.662	276	84607	3.013	ng	99

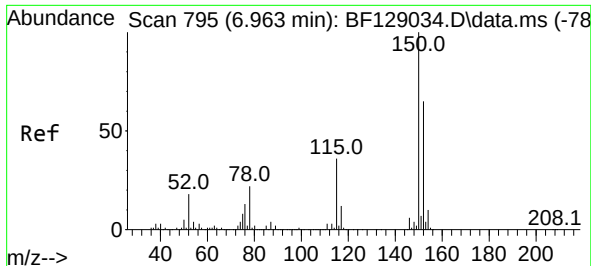
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
Data File : BF129178.D
Acq On : 08 Jul 2022 16:40
Operator : CG\JU
Sample : N3622-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

Quant Time: Jul 08 23:24:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 23:22:06 2022
Response via : Initial Calibration

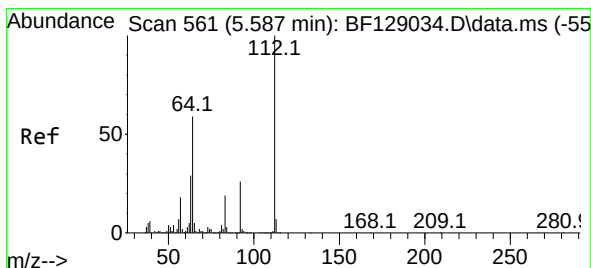
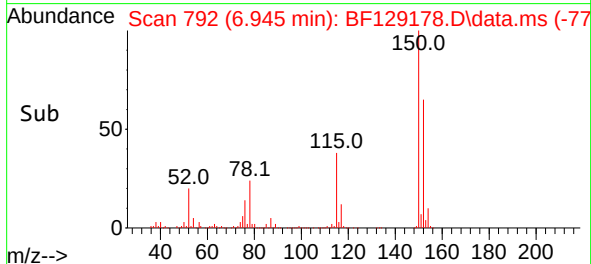
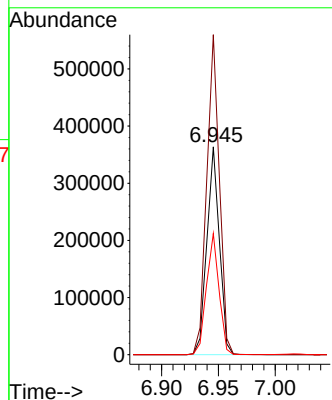
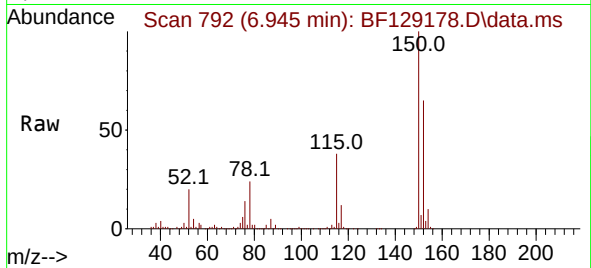




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

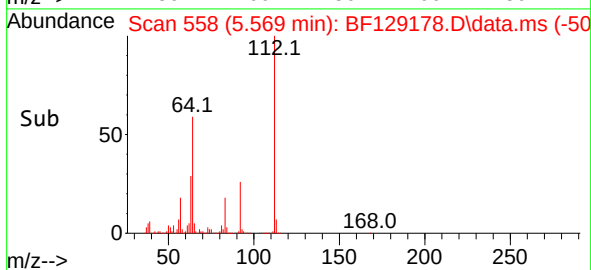
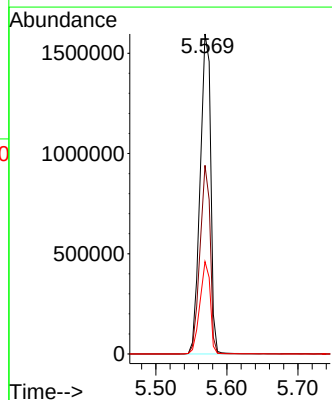
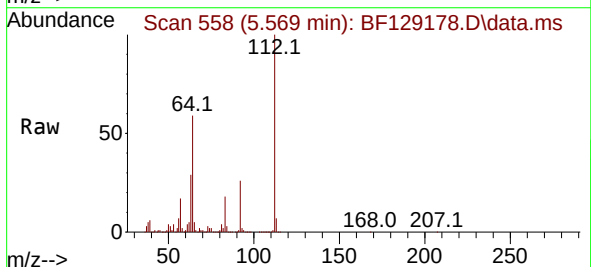
Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

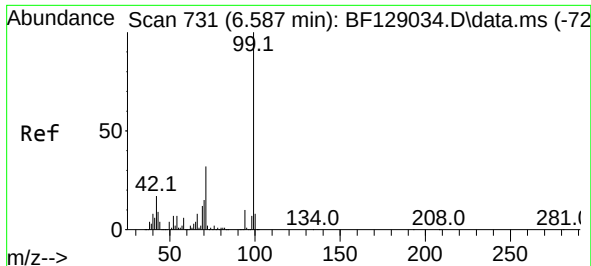
Tgt Ion:152 Resp: 278339
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 58.2 49.9 74.9



#5
2-Fluorophenol
Concen: 100.864 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion:112 Resp: 1660580
Ion Ratio Lower Upper
112 100
64 58.9 53.3 79.9
63 28.8 28.0 42.0

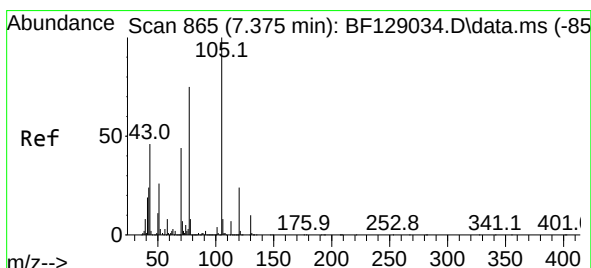
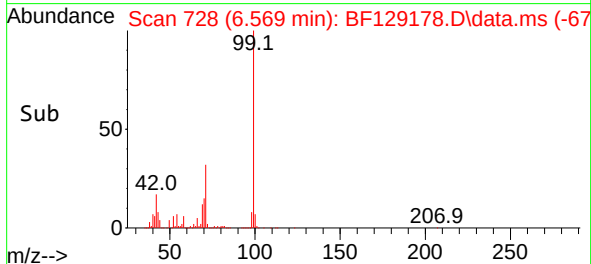
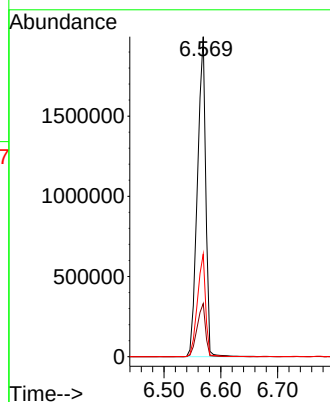
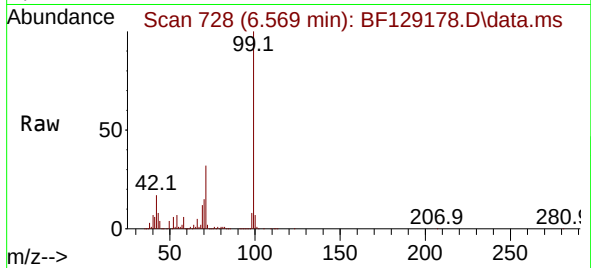




#7
Phenol-d6
Concen: 100.056 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

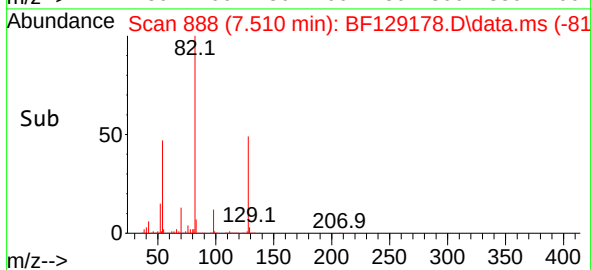
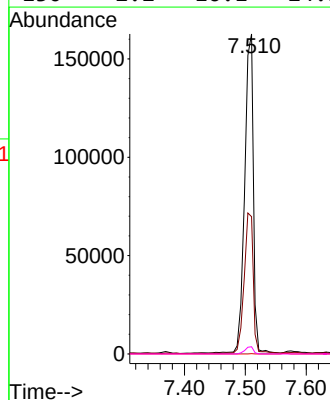
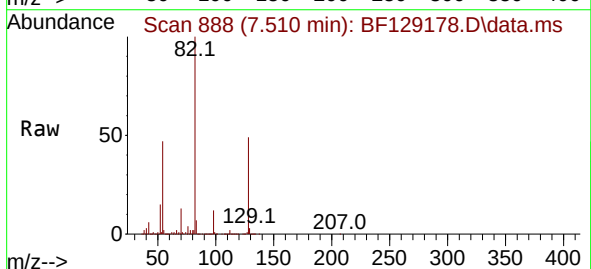
Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

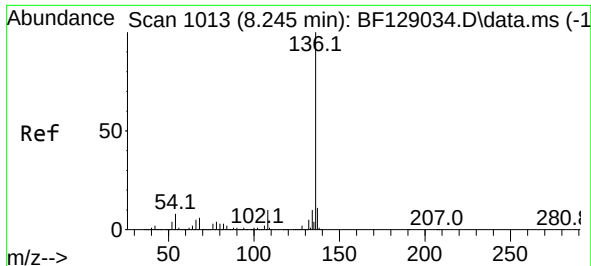
Tgt Ion: 99 Resp: 2045866
Ion Ratio Lower Upper
99 100
42 16.6 17.3 25.9#
71 32.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.651 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion: 70 Resp: 161469
Ion Ratio Lower Upper
70 100
42 42.9 52.3 78.5#
101 0.1 7.5 11.3#
130 2.2 16.1 24.1#

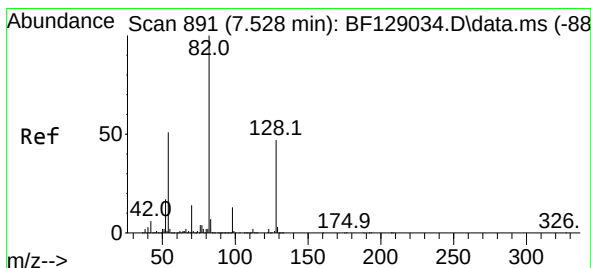
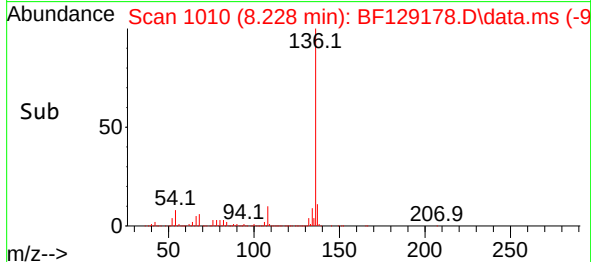
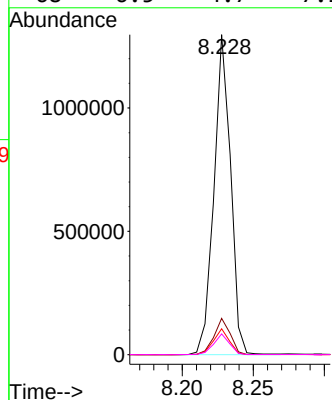
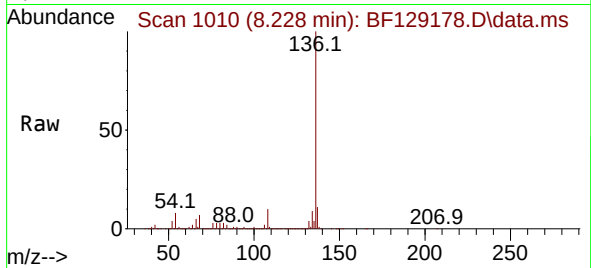




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

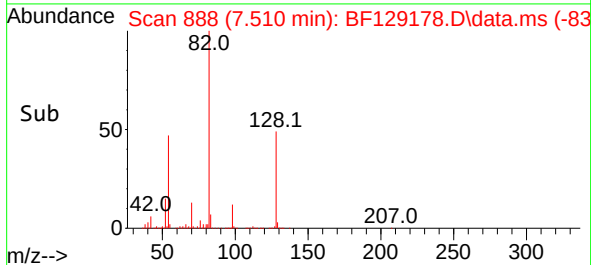
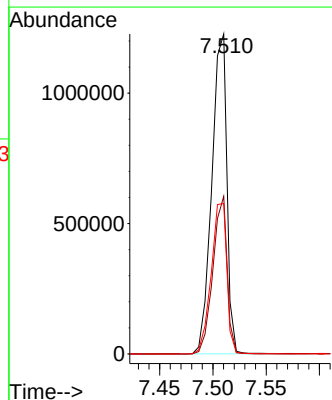
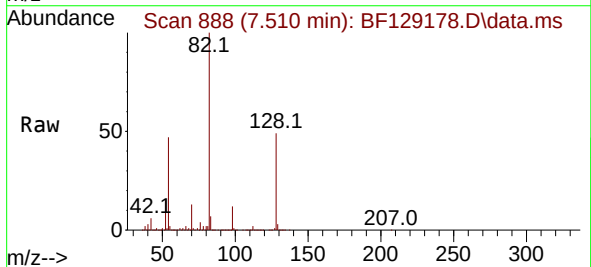
Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

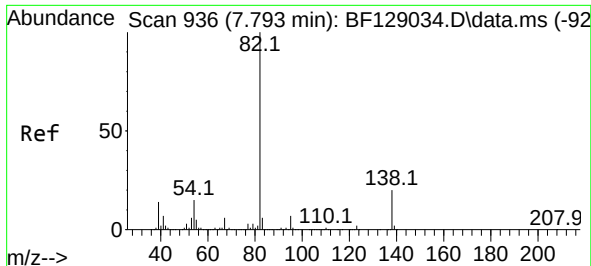
Tgt Ion:136 Resp: 1054743
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.1 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 68.445 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion: 82 Resp: 1210334
Ion Ratio Lower Upper
82 100
128 49.2 34.0 51.0
54 47.0 46.9 70.3

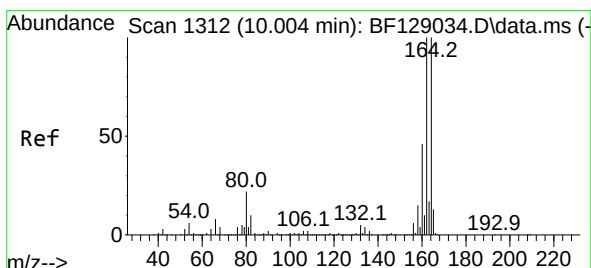
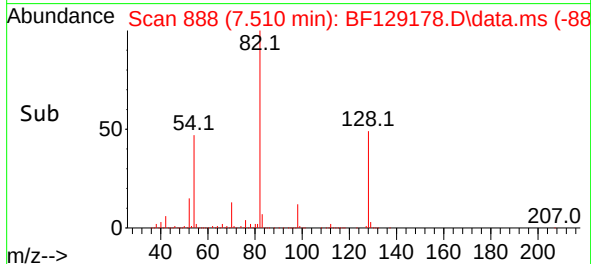
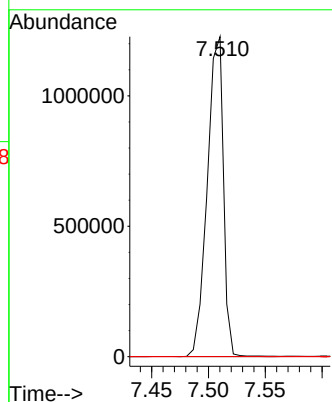
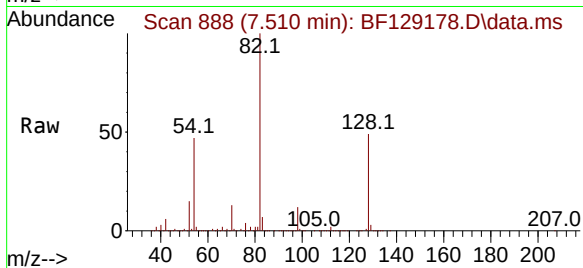




#25
Isophorone
Concen: 40.513 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

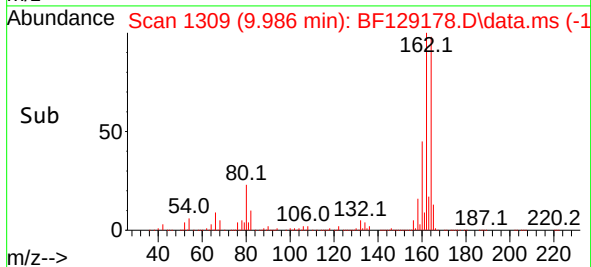
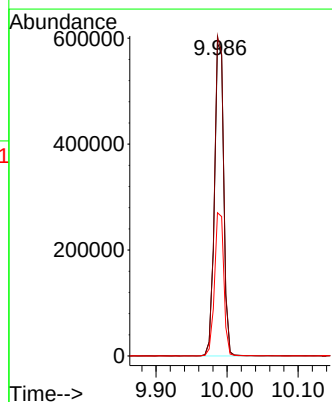
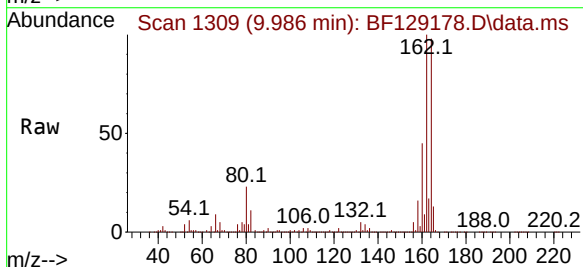
Instrument : BNA_F
ClientSampleId : 20220503-FIELD-DUP-COMPOSITE

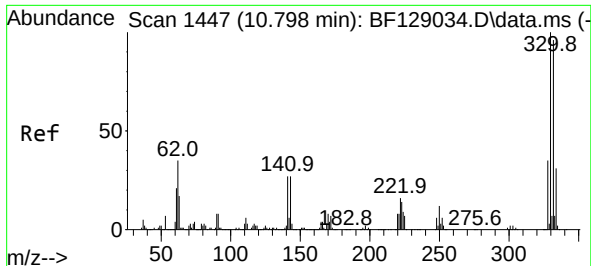
Tgt Ion: 82 Resp: 1210749
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion:164 Resp: 535070
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 45.7 34.2 51.4

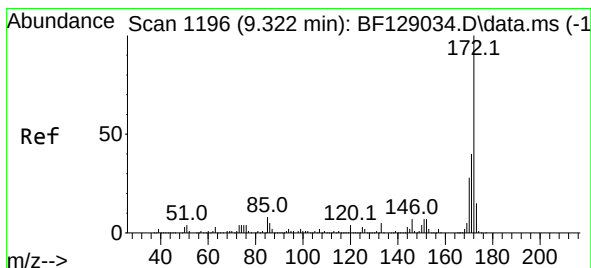
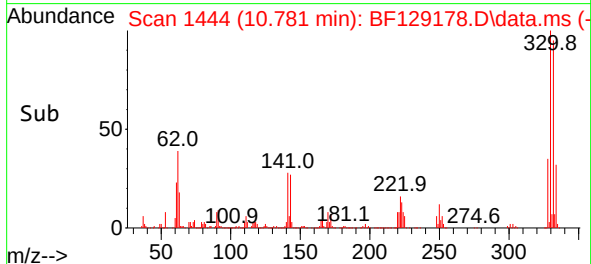
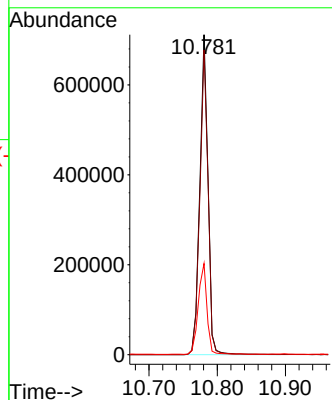
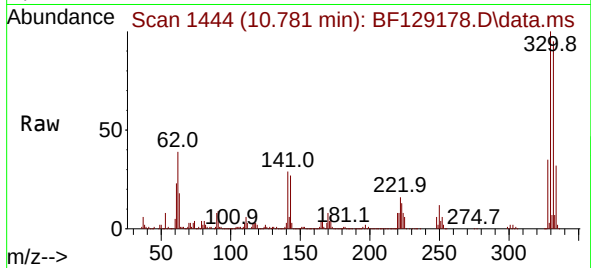




#42
2,4,6-Tribromophenol
Concen: 101.752 ng
RT: 10.781 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

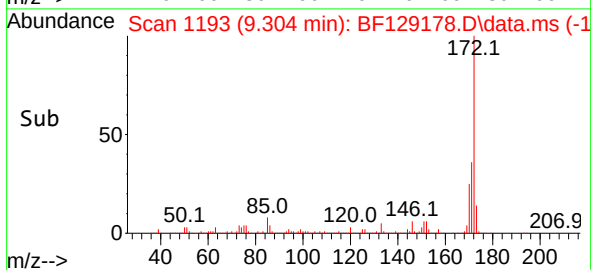
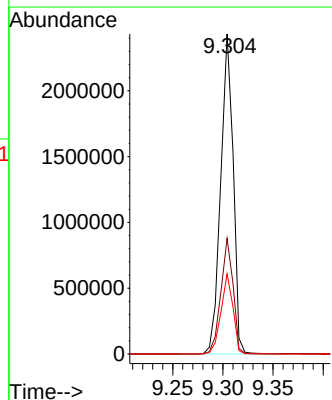
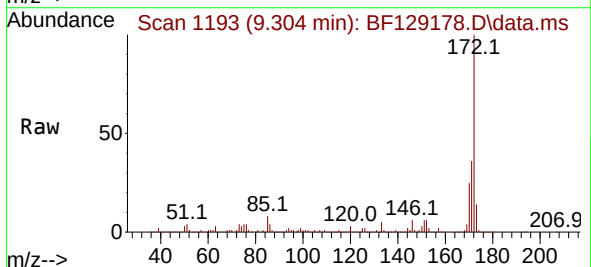
Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

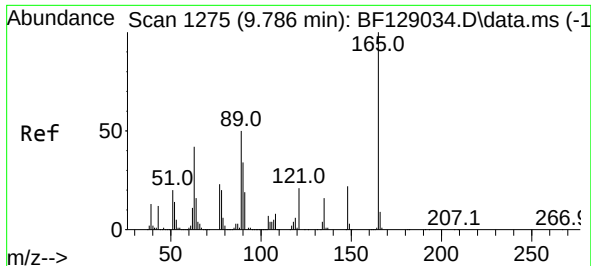
Tgt Ion:330 Resp: 592001
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 30.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 62.675 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion:172 Resp: 2096262
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 25.0 19.8 29.8

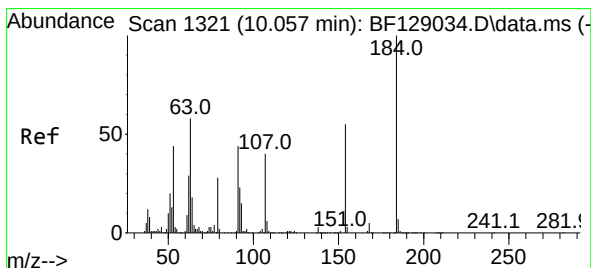
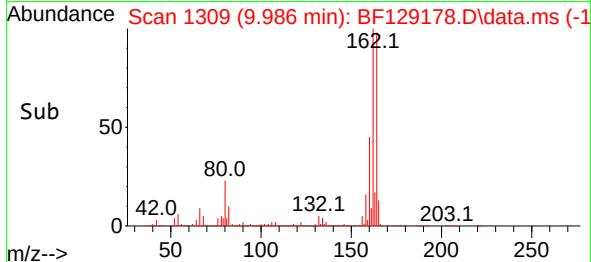
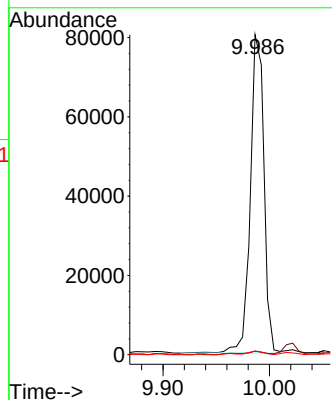
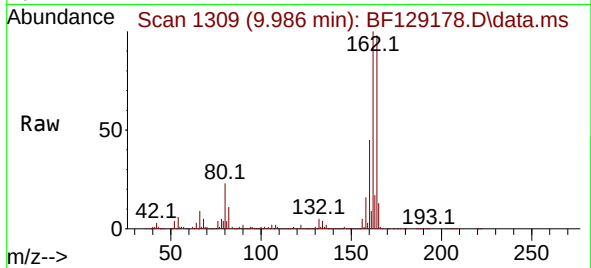




#51
2,6-Dinitrotoluene
Concen: 10.461 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

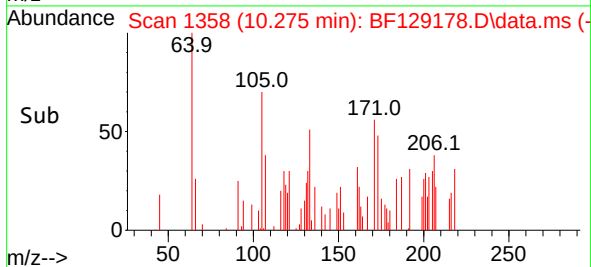
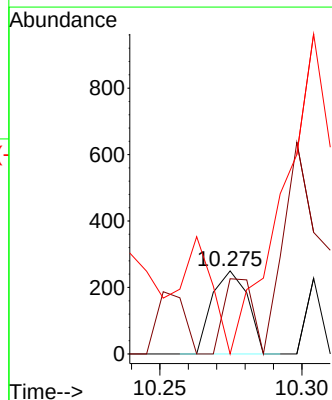
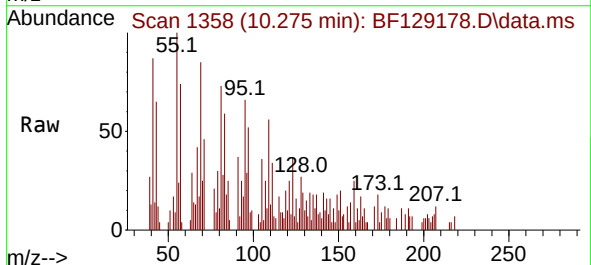
Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

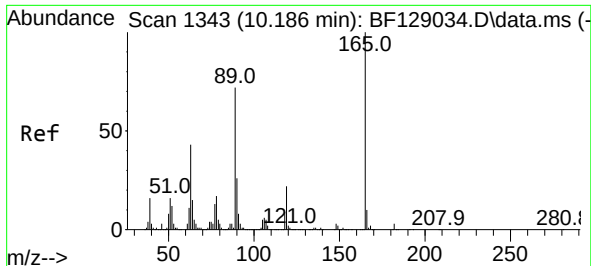
Tgt Ion:165 Resp: 71557
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.1 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 6.920 ng
RT: 10.275 min Scan# 1358
Delta R.T. 0.224 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion:184 Resp: 219
Ion Ratio Lower Upper
184 100
63 90.4 64.5 96.7
154 0.0 50.6 75.8#

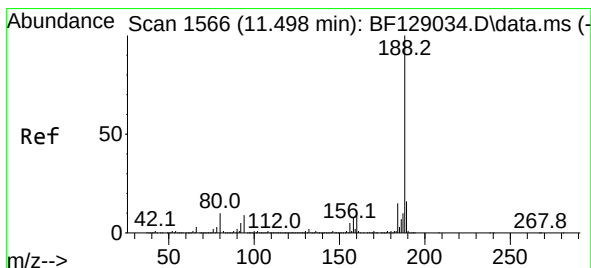
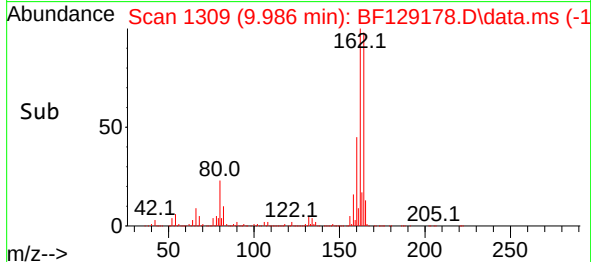
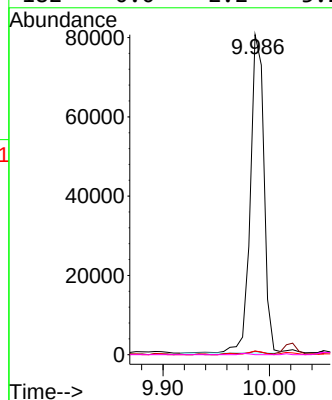
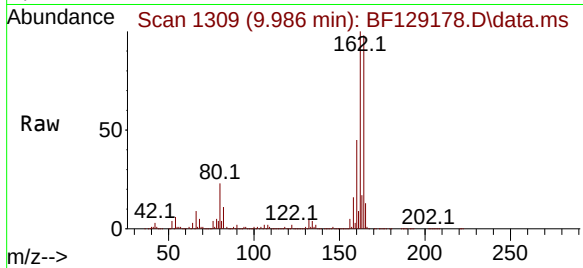




#57
2,4-Dinitrotoluene
Concen: 8.474 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

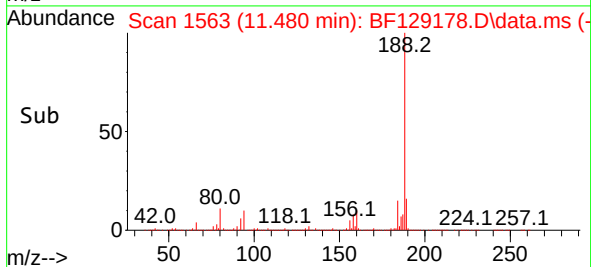
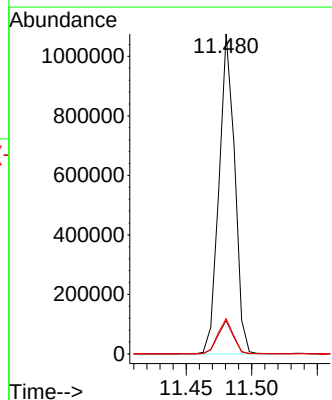
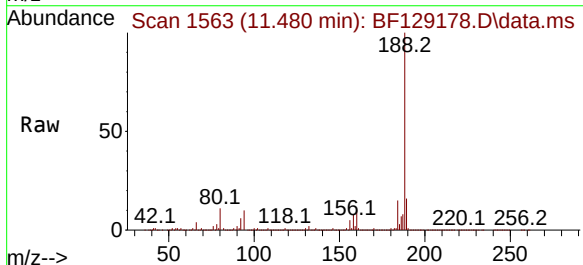
Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

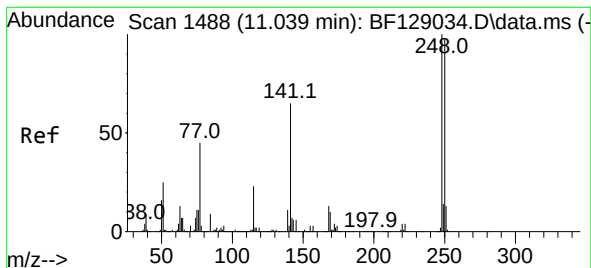
Tgt Ion:165 Resp: 71557
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion:188 Resp: 894508
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.1 7.6 11.4

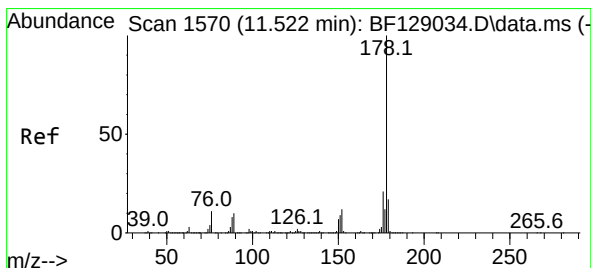
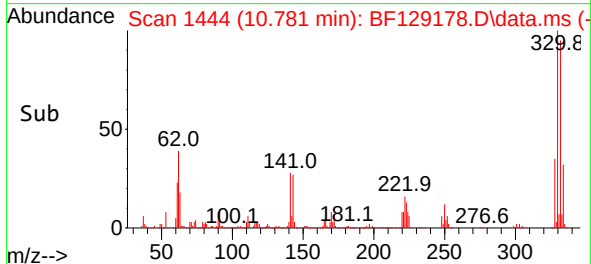
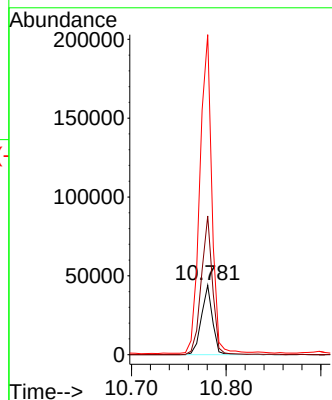
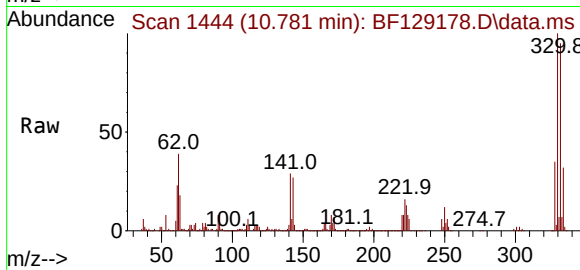




#67
4-Bromophenyl-phenylether
Concen: 3.772 ng
RT: 10.781 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

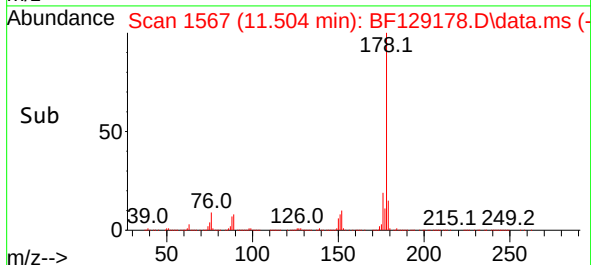
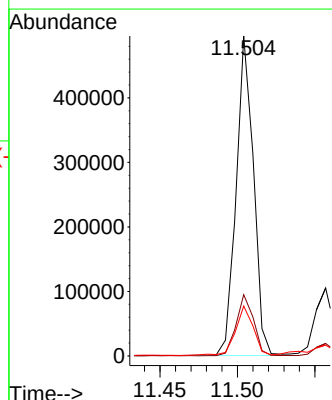
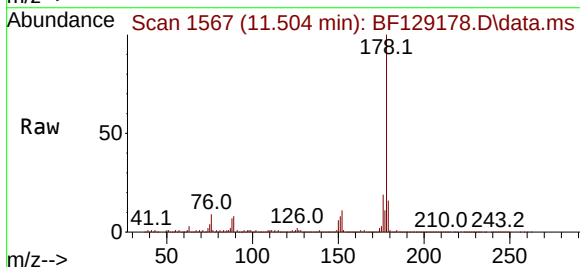
Instrument : BNA_F
ClientSampleId : 20220503-FIELD-DUP-COMPOSITE

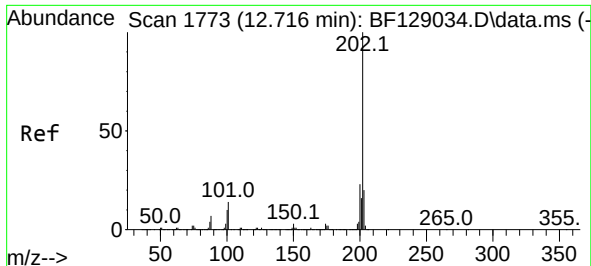
Tgt Ion:248 Resp: 35892
Ion Ratio Lower Upper
248 100
250 199.6 80.6 120.8#
141 460.7 58.9 88.3#



#71
Phenanthrene
Concen: 8.997 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion:178 Resp: 384513
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.6 12.6 19.0

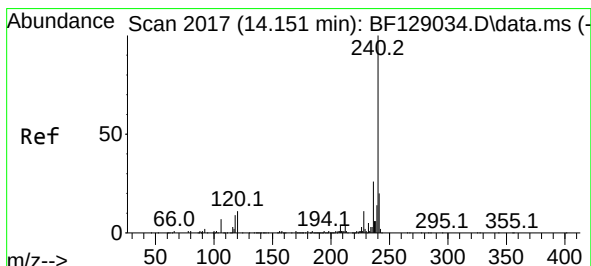
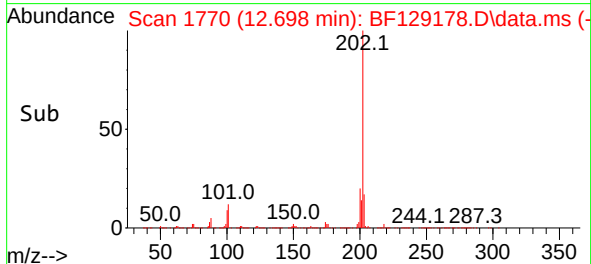
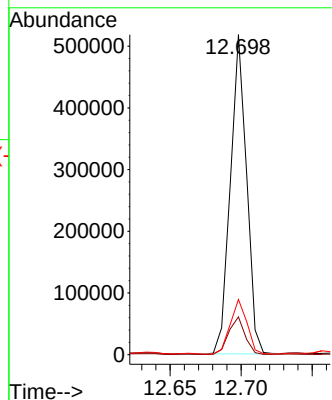
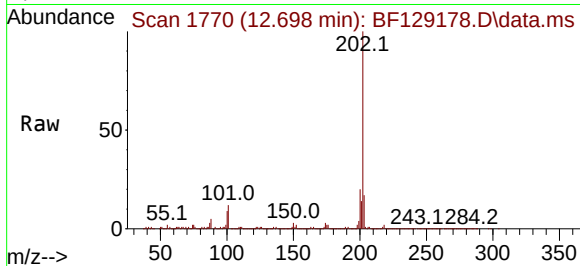




#75
Fluoranthene
Concen: 9.204 ng
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

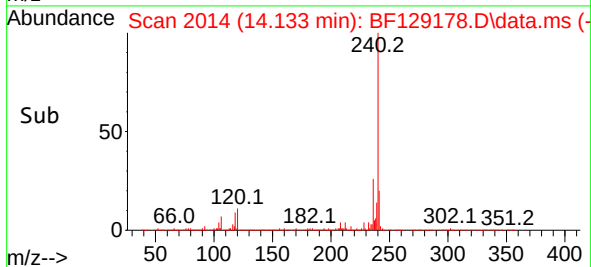
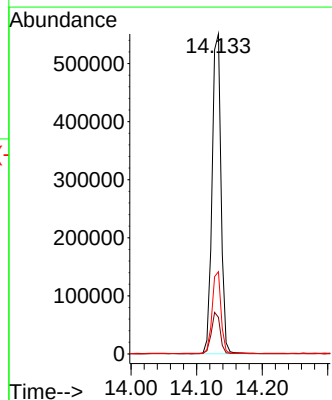
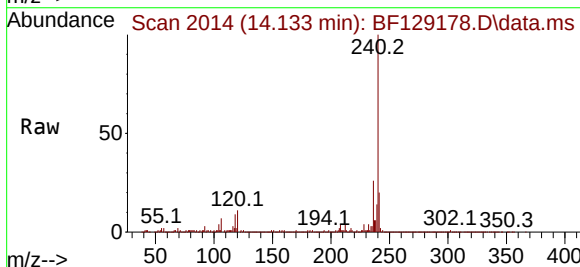
Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

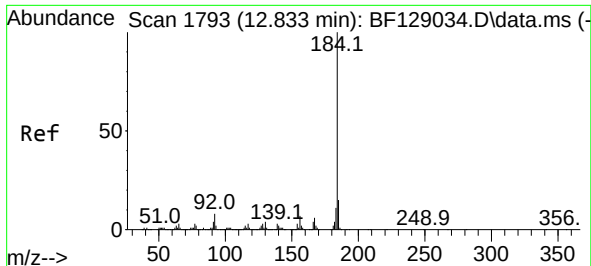
Tgt Ion:202 Resp: 411409
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 17.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion:240 Resp: 522643
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.7 20.8 31.2

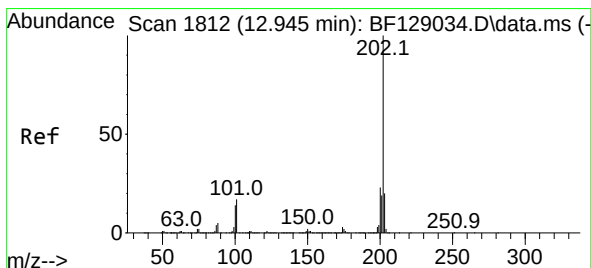
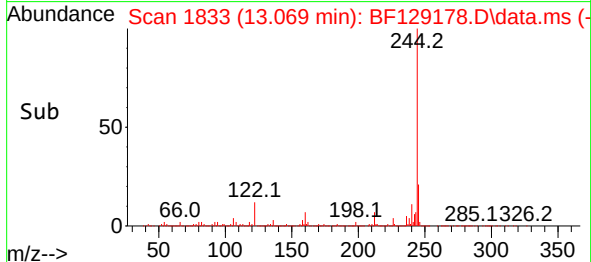
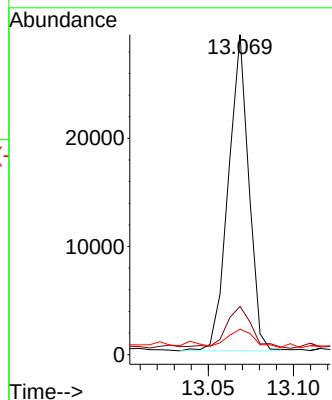
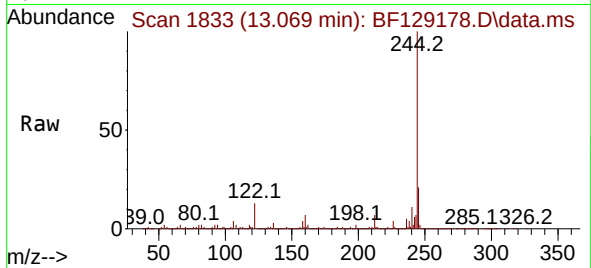




#77
Benzidine
Concen: 2.617 ng
RT: 13.069 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

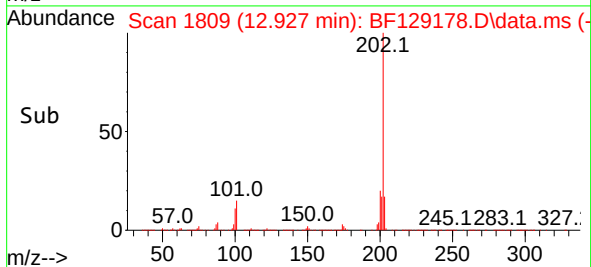
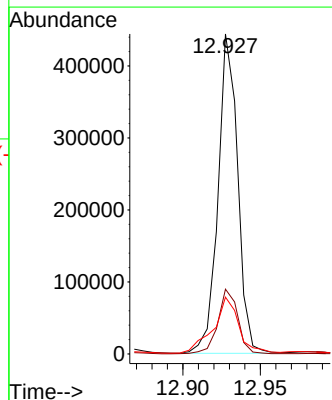
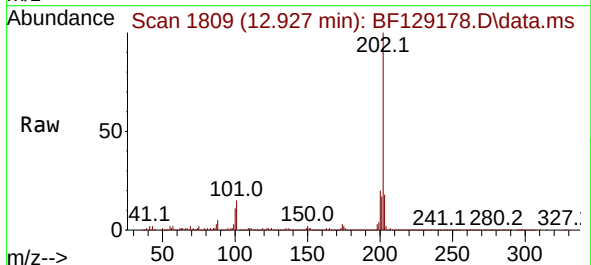
Instrument :
BNA_F
ClientSampleId :
20220503-FIELD-DUP-COMPOSITE

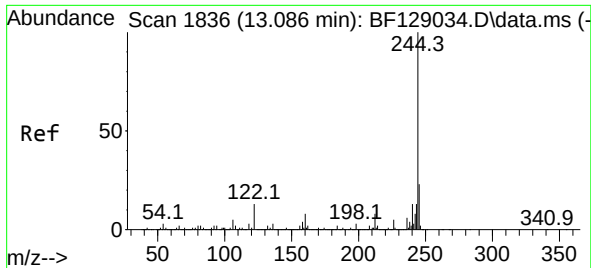
Tgt Ion:184 Resp: 24355
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 7.9 9.3 13.9#



#78
Pyrene
Concen: 10.803 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF129178.D
Acq: 08 Jul 2022 16:40

Tgt Ion:202 Resp: 391363
Ion Ratio Lower Upper
202 100
200 20.3 17.7 26.5
203 17.8 14.6 21.8

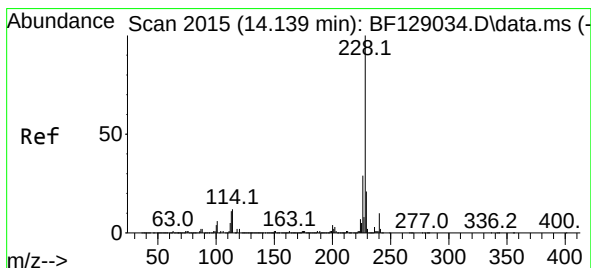
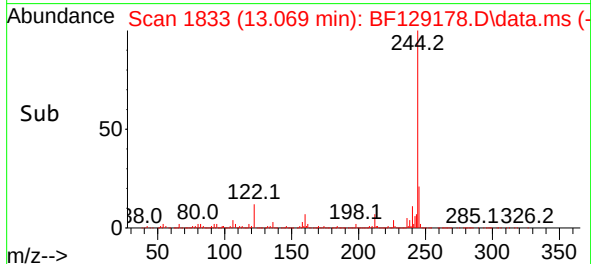
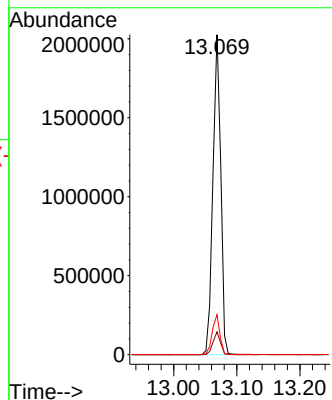
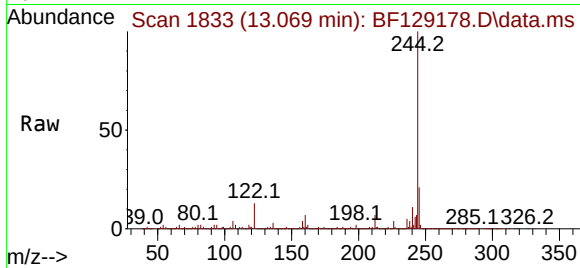




#79
 Terphenyl-d14
 Concen: 69.497 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129178.D
 Acq: 08 Jul 2022 16:40

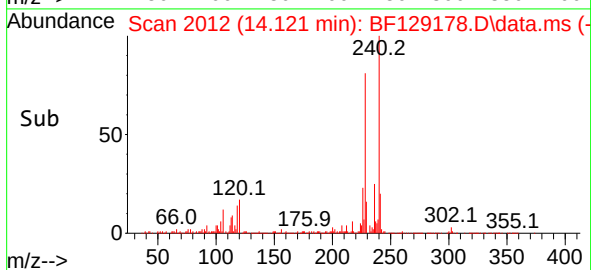
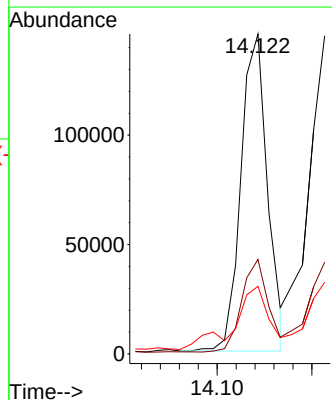
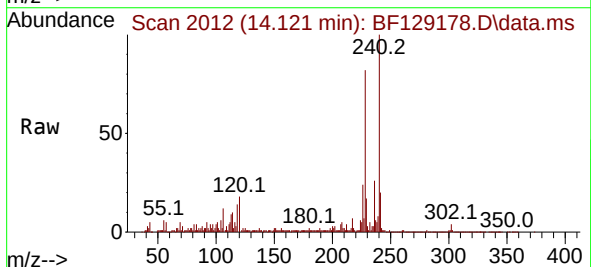
Instrument :
 BNA_F
 ClientSampleId :
 20220503-FIELD-DUP-COMPOSITE

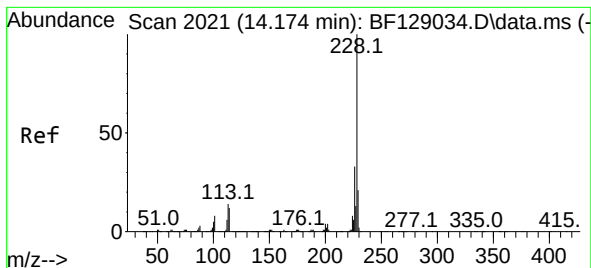
Tgt Ion:244 Resp: 1749087
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.5 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 4.422 ng
 RT: 14.121 min Scan# 2012
 Delta R.T. -0.006 min
 Lab File: BF129178.D
 Acq: 08 Jul 2022 16:40

Tgt Ion:228 Resp: 141128
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.1 33.1
 229 21.2 15.8 23.8





#83

Chrysene

Concen: 4.646 ng

RT: 14.157 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129178.D

Acq: 08 Jul 2022 16:40

Instrument :

BNA_F

ClientSampleId :

20220503-FIELD-DUP-COMPOSITE

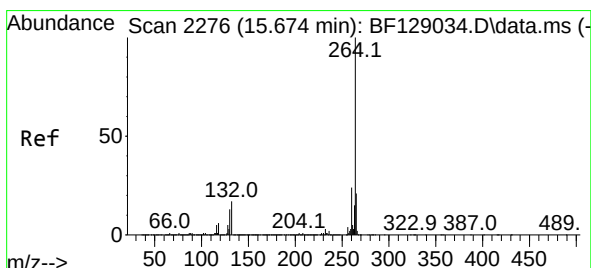
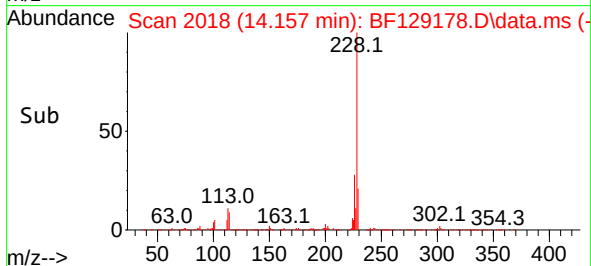
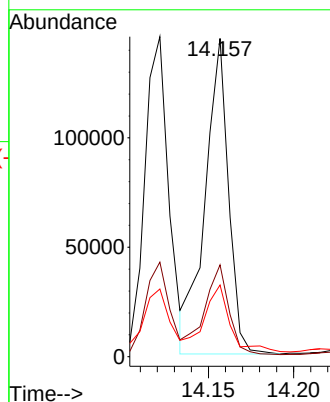
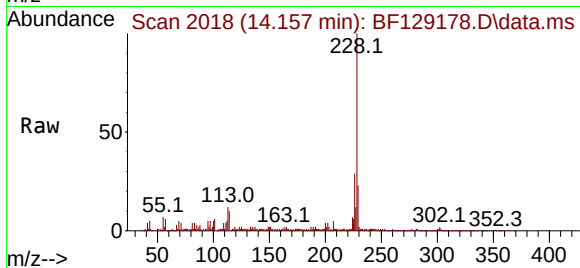
Tgt Ion:228 Resp: 137654

Ion Ratio Lower Upper

228 100

226 28.9 24.3 36.5

229 22.5 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF129178.D

Acq: 08 Jul 2022 16:40

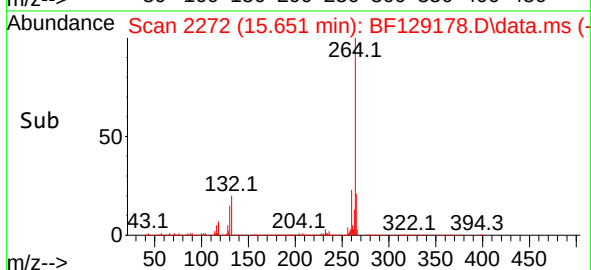
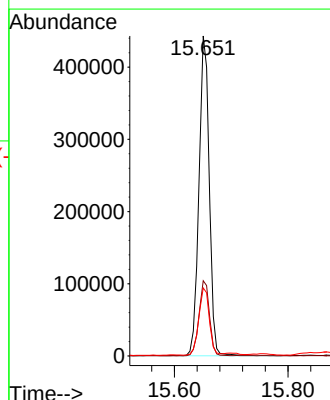
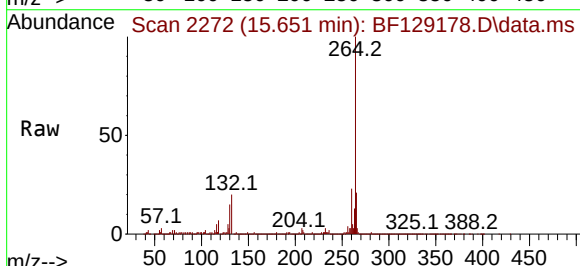
Tgt Ion:264 Resp: 559767

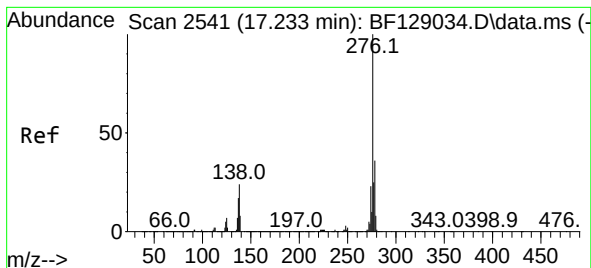
Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.404 ng

RT: 17.198 min Scan# 2195

Delta R.T. -0.017 min

Lab File: BF129178.D

Acq: 08 Jul 2022 16:40

Instrument :

BNA_F

ClientSampleId :

20220503-FIELD-DUP-COMPOSITE

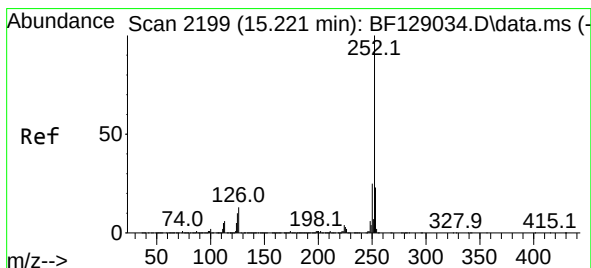
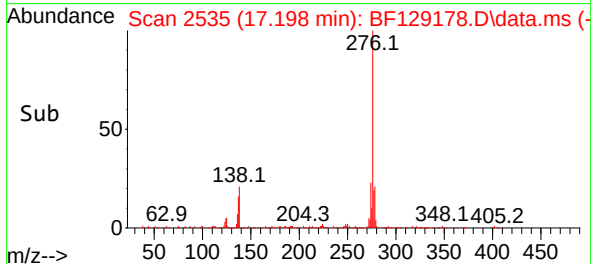
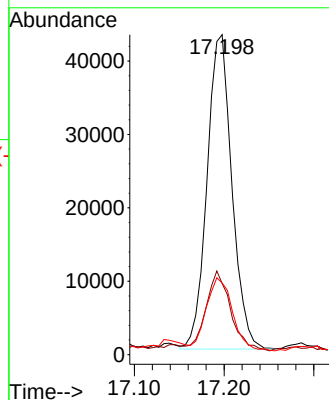
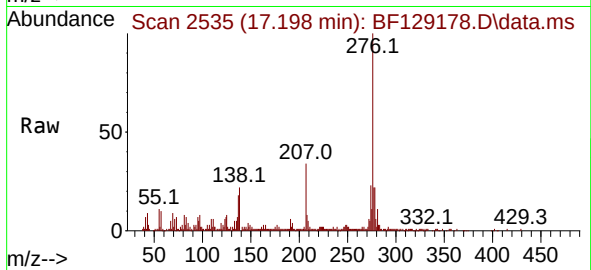
Tgt Ion:276 Resp: 82539

Ion Ratio Lower Upper

276 100

138 25.2 21.1 31.7

277 24.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 6.404 ng

RT: 15.198 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF129178.D

Acq: 08 Jul 2022 16:40

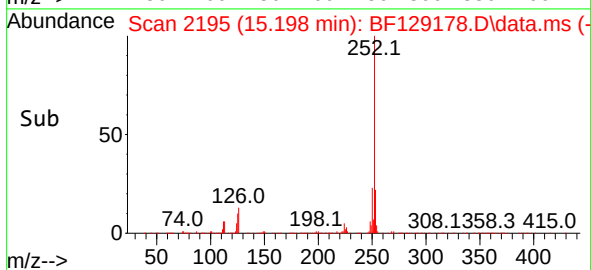
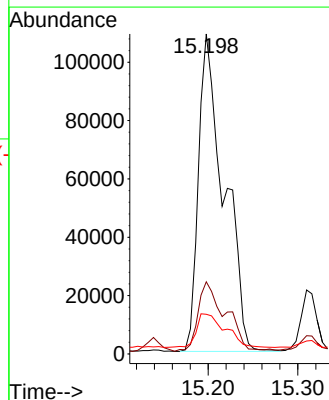
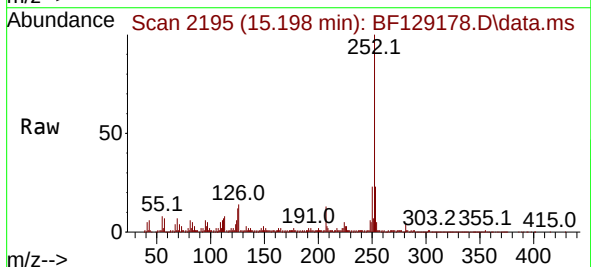
Tgt Ion:252 Resp: 215583

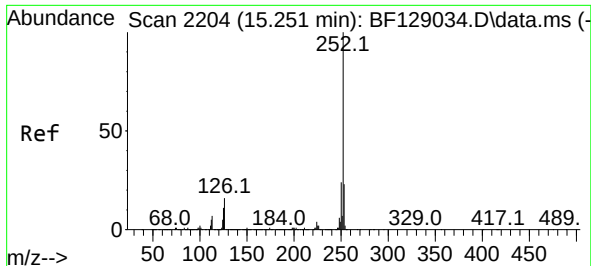
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 12.4 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 6.603 ng

RT: 15.198 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF129178.D

Acq: 08 Jul 2022 16:40

Instrument :

BNA_F

ClientSampleId :

20220503-FIELD-DUP-COMPOSITE

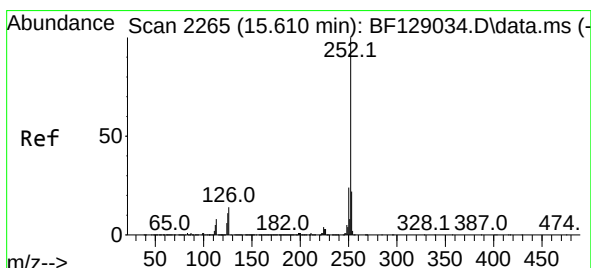
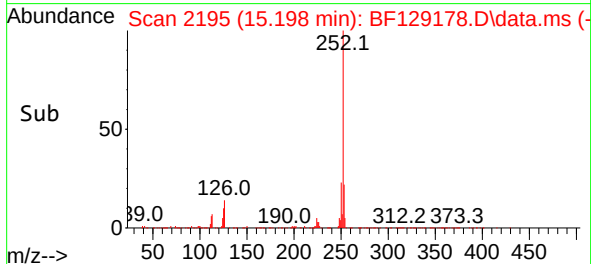
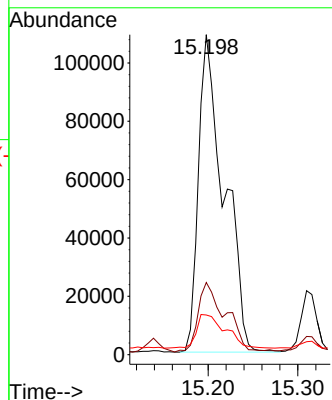
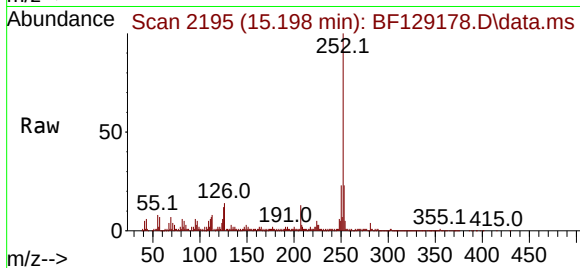
Tgt Ion:252 Resp: 215583

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 12.4 8.3 12.5



#90

Benzo(a)pyrene

Concen: 4.660 ng

RT: 15.586 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF129178.D

Acq: 08 Jul 2022 16:40

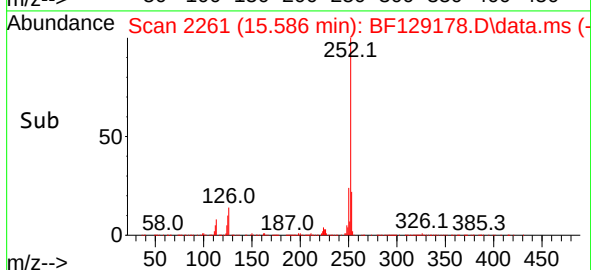
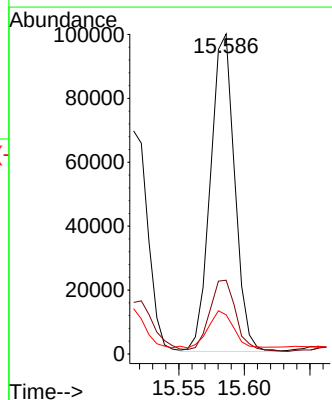
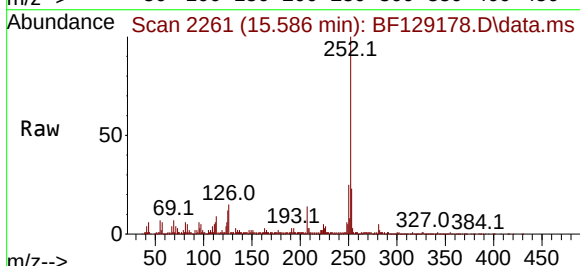
Tgt Ion:252 Resp: 127895

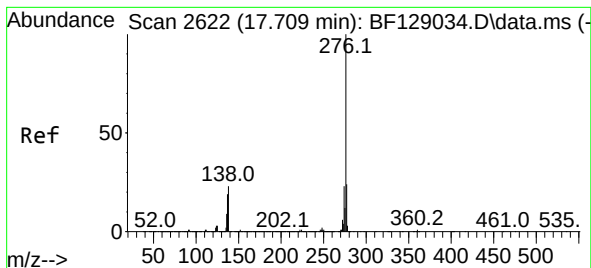
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 12.3 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 3.013 ng

RT: 17.662 min Scan# 20

Delta R.T. -0.029 min

Lab File: BF129178.D

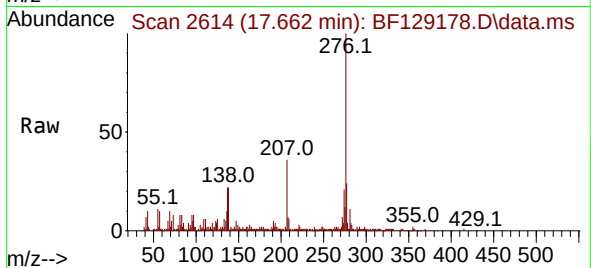
Acq: 08 Jul 2022 16:40

Instrument :

BNA_F

ClientSampleId :

20220503-FIELD-DUP-COMPOSITE



Tgt Ion:276 Resp: 84607

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 22.1 18.0 27.0

