

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128964.D
 Acq On : 23 Jun 2022 21:06
 Operator : CG\JU
 Sample : N3430-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-0-2-20220621

Quant Time: Jun 24 04:34:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

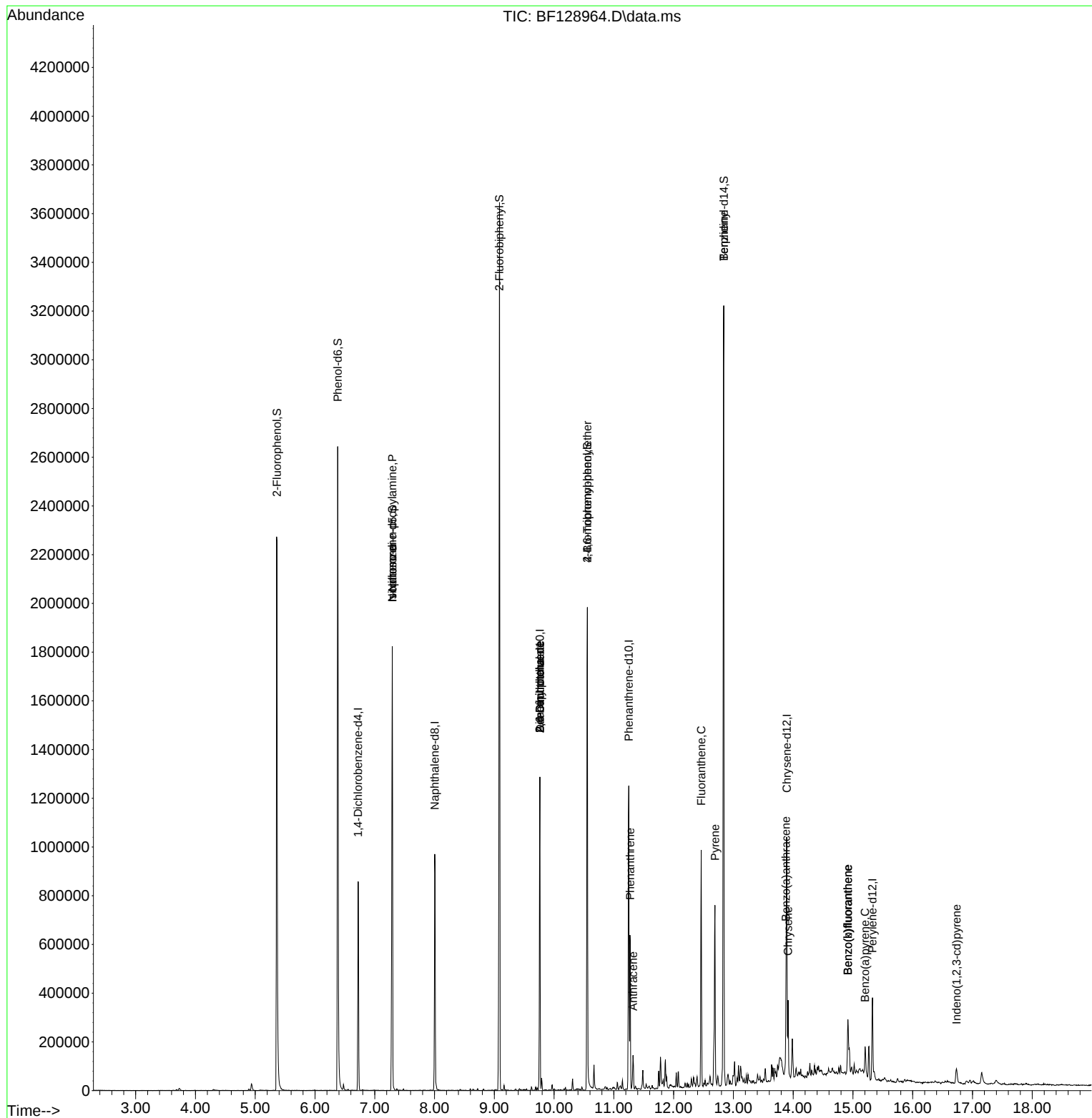
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	112849	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	434856	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	251449	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	463852	20.000	ng	0.00
76) Chrysene-d12	13.892	240	280076	20.000	ng	# 0.00
86) Perylene-d12	15.327	264	150692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	629005	88.782	ng	0.00
7) Phenol-d6	6.381	99	803987	92.966	ng	0.00
23) Nitrobenzene-d5	7.292	82	589658	63.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	230245	77.498	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1093540	60.920	ng	0.00
79) Terphenyl-d14	12.839	244	1148409	71.249	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	83133	15.461	ng	# 80
25) Isophorone	7.292	82	588780	41.506	ng	# 65
50) Dimethylphthalate	9.763	163	45358	2.635	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	31469	9.264	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	31469	6.942	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	14667	2.835	ng	# 1
71) Phenanthrene	11.274	178	230258	9.897	ng	98
72) Anthracene	11.322	178	46219	2.007	ng	98
75) Fluoranthene	12.463	202	356679	14.666	ng	96
77) Benzidine	12.839	184	17299	3.098	ng	# 95
78) Pyrene	12.692	202	304005	14.589	ng	99
81) Benzo(a)anthracene	13.880	228	130195	7.458	ng	97
83) Chrysene	13.915	228	115321	6.929	ng	99
87) Indeno(1,2,3-cd)pyrene	16.733	276	39308	4.328	ng	# 90
88) Benzo(b)fluoranthene	14.915	252	158790	16.491	ng	99
89) Benzo(k)fluoranthene	14.915	252	158790	17.530	ng	98
90) Benzo(a)pyrene	15.204	252	51867	6.853	ng	98

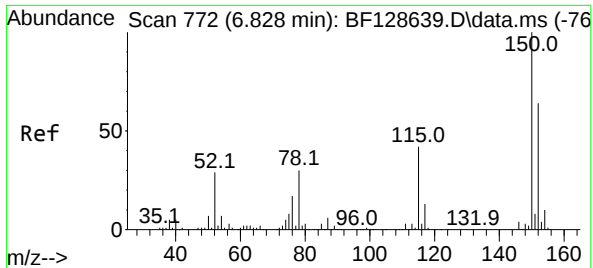
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF128964.D
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SB-5-0-2-20220621

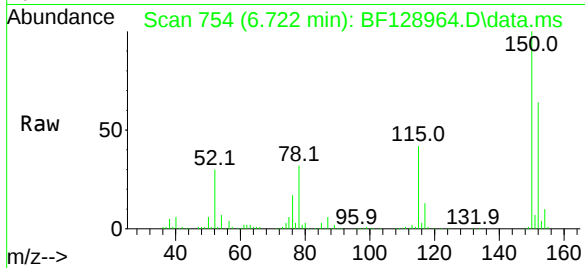
Quant Time: Jun 24 04:34:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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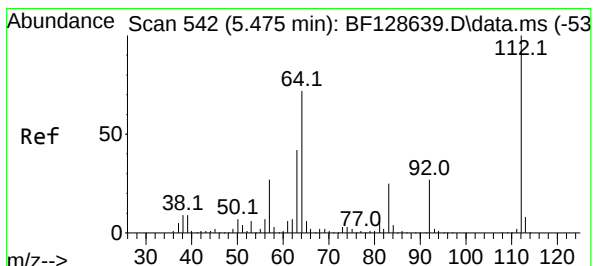
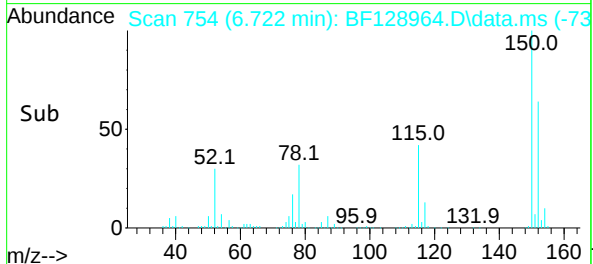
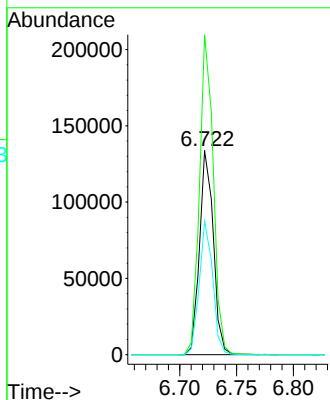


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

Instrument :
BNA_F
ClientSampleId :
SB-5-0-2-20220621

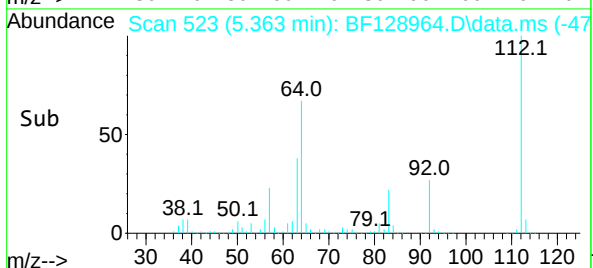
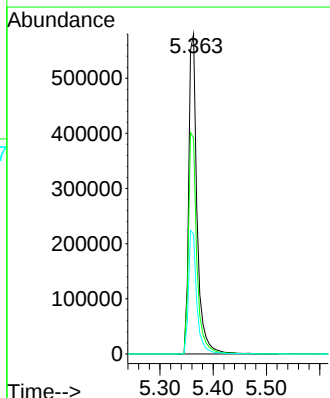
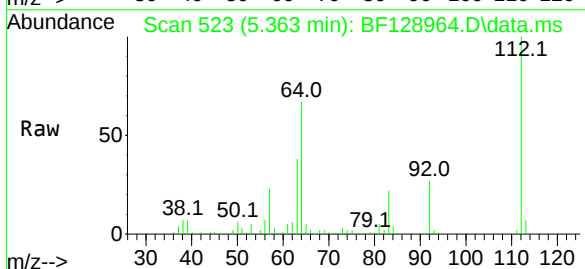


Tgt Ion:152 Resp: 112849
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 88.782 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

Tgt Ion:112 Resp: 629005
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 37.5 28.0 42.0

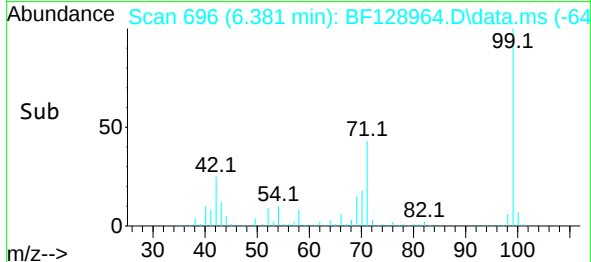
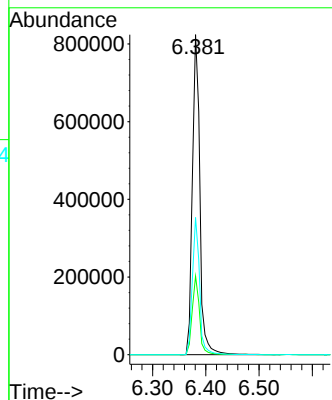
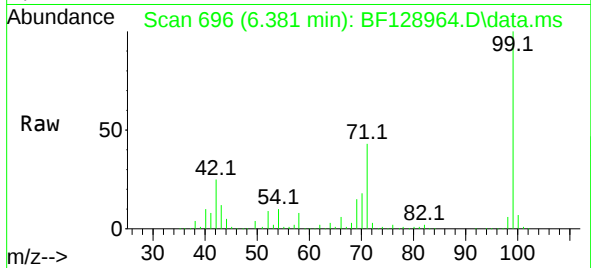




#7
Phenol-d6
Concen: 92.966 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

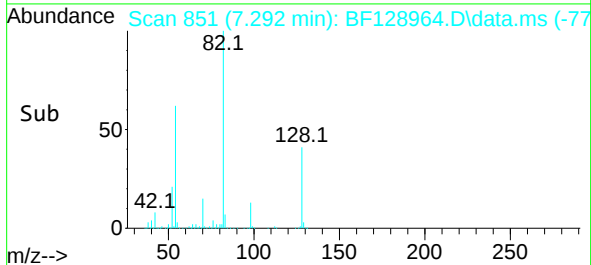
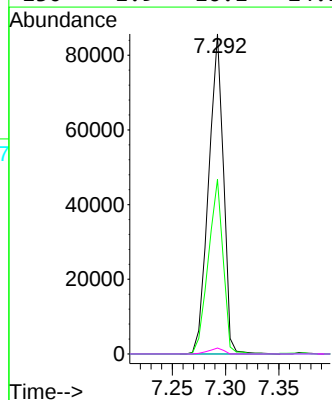
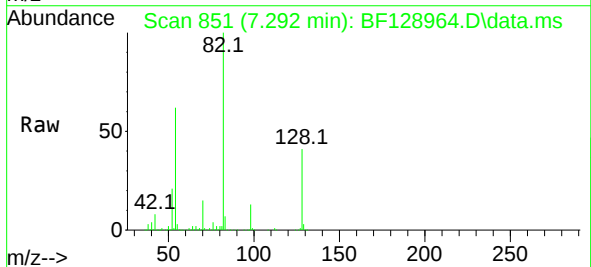
Instrument :
BNA_F
ClientSampleId :
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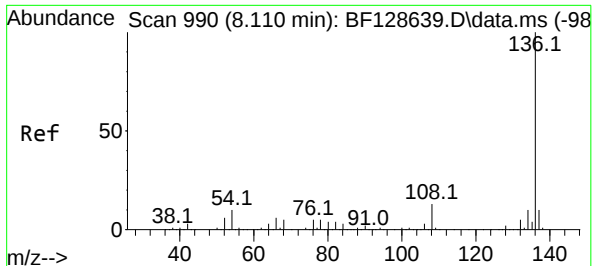
Tgt Ion: 99 Resp: 803987
Ion Ratio Lower Upper
99 100
42 24.5 17.3 25.9
71 42.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.461 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

Tgt Ion: 70 Resp: 83133
Ion Ratio Lower Upper
70 100
42 54.5 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128964.D

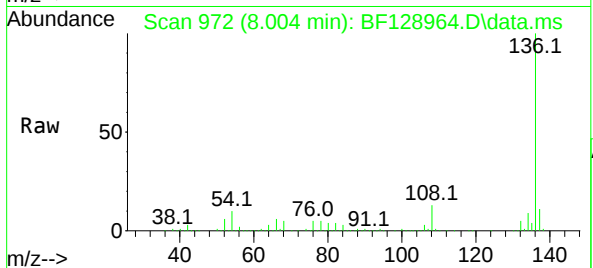
Acq: 23 Jun 2022 21:06

Instrument :

BNA_F

ClientSampleId :

SB-5-0-2-20220621



Tgt Ion:136 Resp: 434856

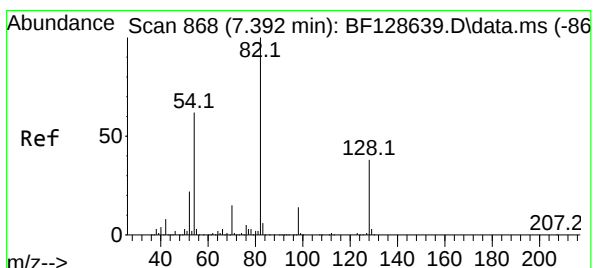
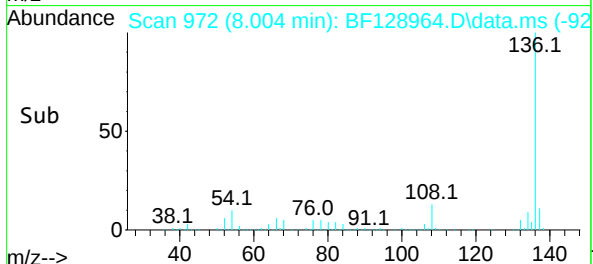
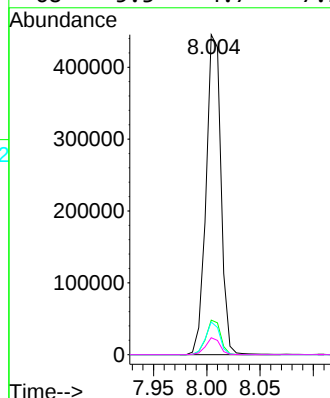
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.2 7.5 11.3

68 5.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 63.133 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.012 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

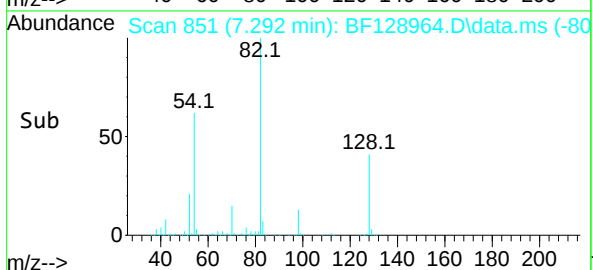
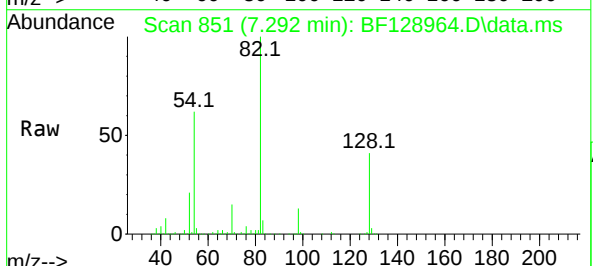
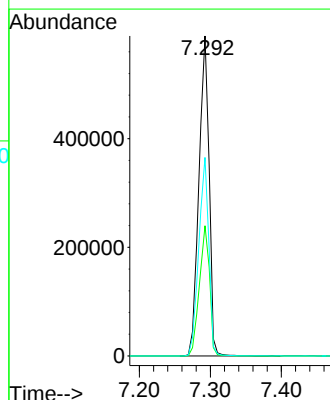
Tgt Ion: 82 Resp: 589658

Ion Ratio Lower Upper

82 100

128 40.7 34.0 51.0

54 62.0 46.9 70.3

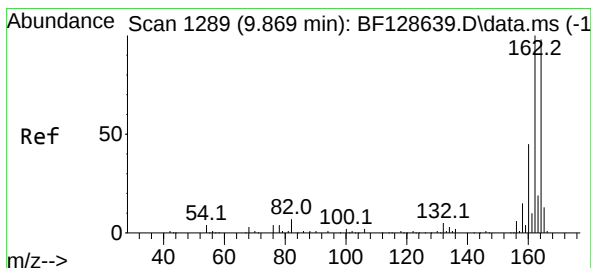
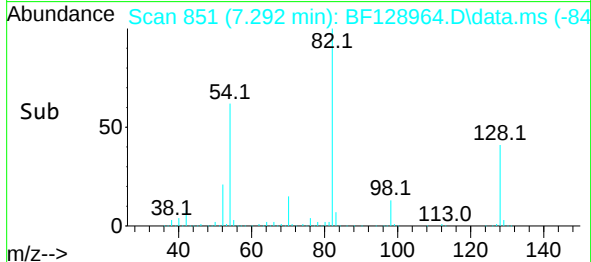
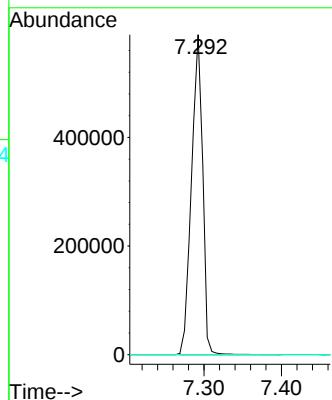
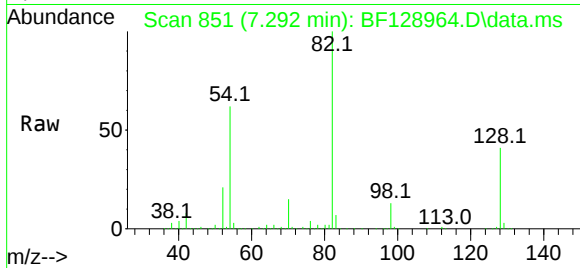




#25
Isophorone
Concen: 41.506 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

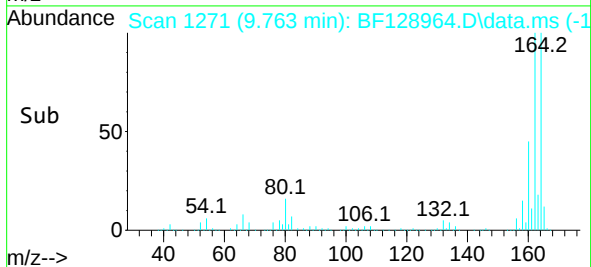
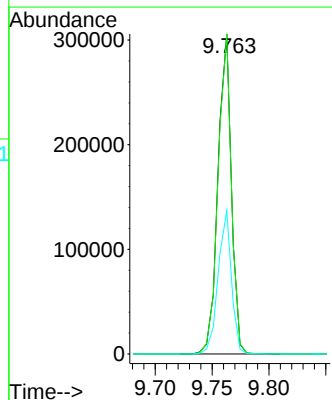
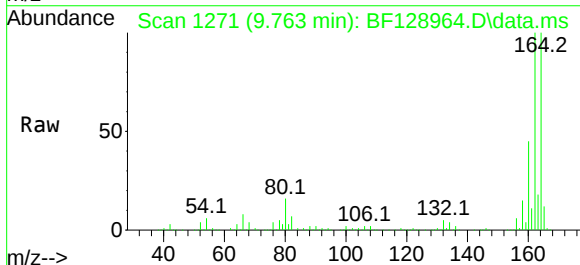
Instrument :
BNA_F
ClientSampleId :
SB-5-0-2-20220621

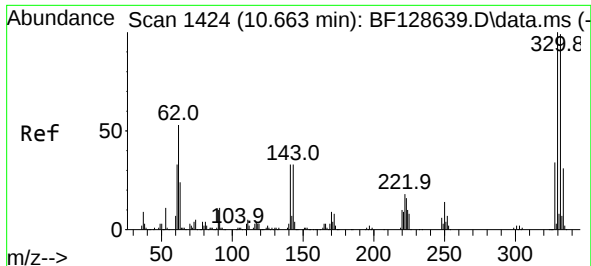
Tgt Ion: 82 Resp: 588780
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

Tgt Ion: 164 Resp: 251449
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 77.498 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128964.D

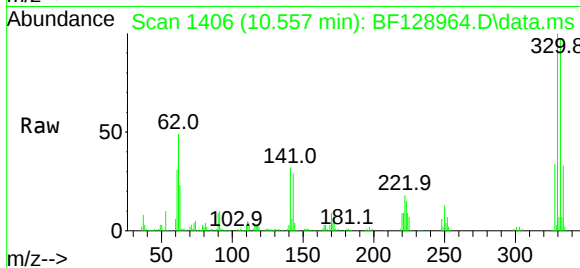
Acq: 23 Jun 2022 21:06

Instrument :

BNA_F

ClientSampleId :

SB-5-0-2-20220621



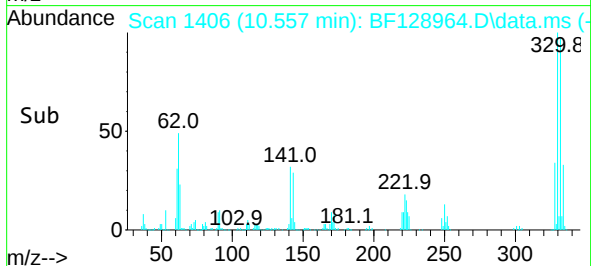
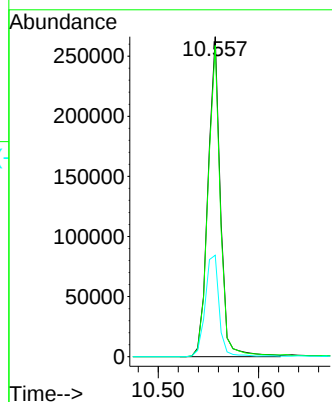
Tgt Ion:330 Resp: 230245

Ion Ratio Lower Upper

330 100

332 97.9 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 60.920 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

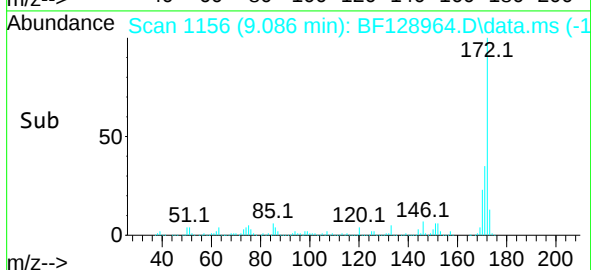
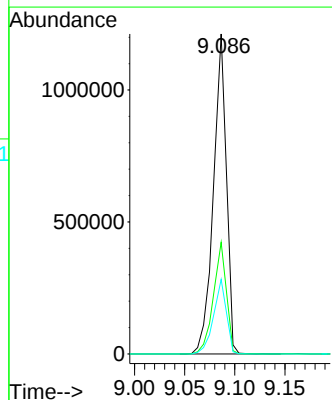
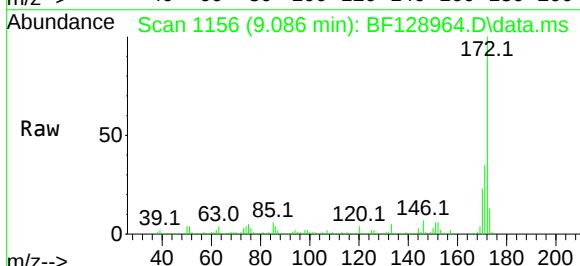
Tgt Ion:172 Resp: 1093540

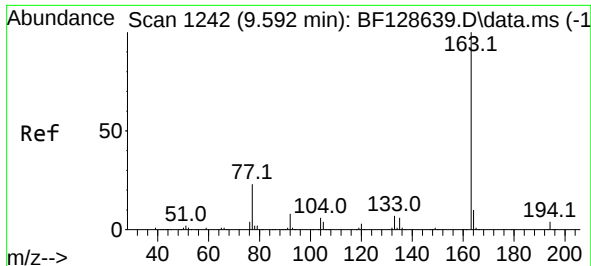
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.3 19.8 29.8

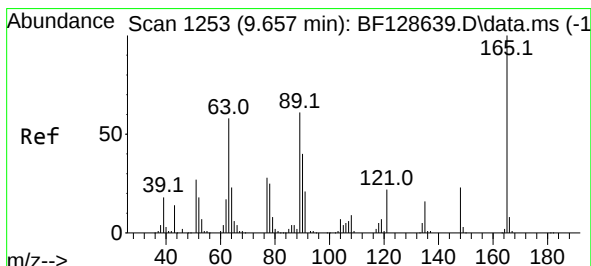
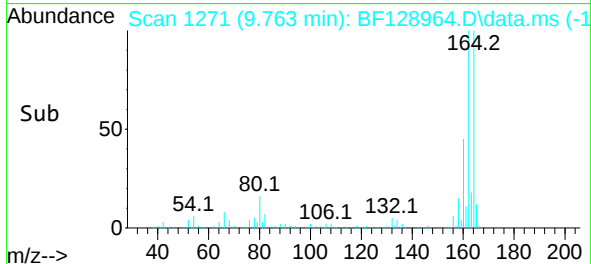
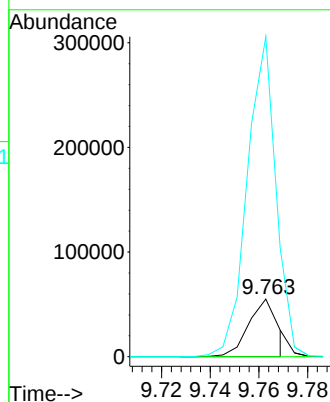
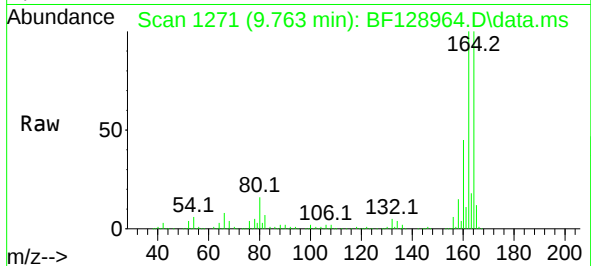




#50
Dimethylphthalate
Concen: 2.635 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

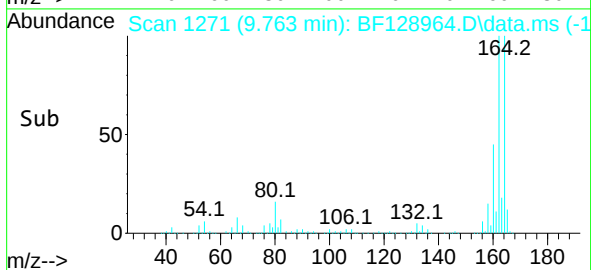
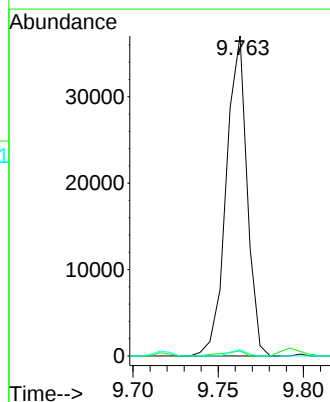
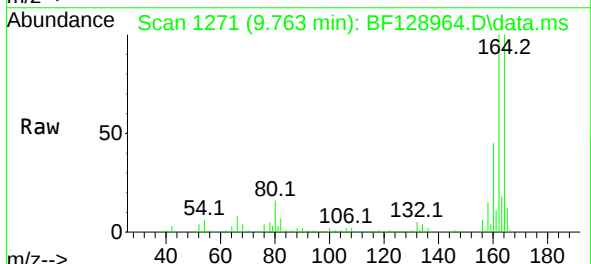
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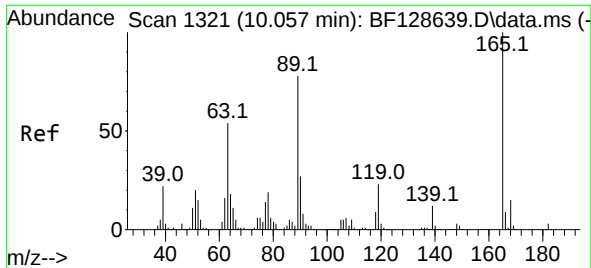
Tgt Ion:163 Resp: 45358
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 556.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.264 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

Tgt Ion:165 Resp: 31469
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.9 43.6 65.4#

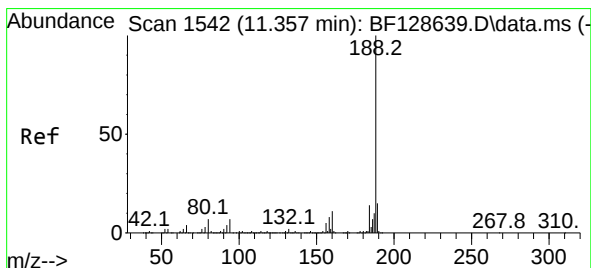
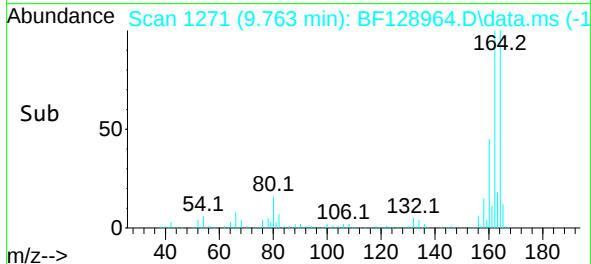
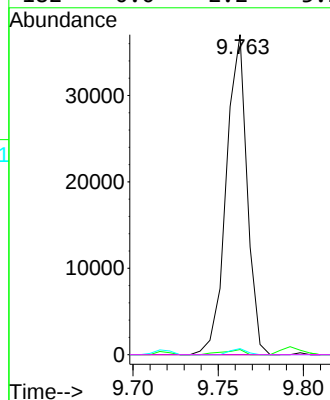
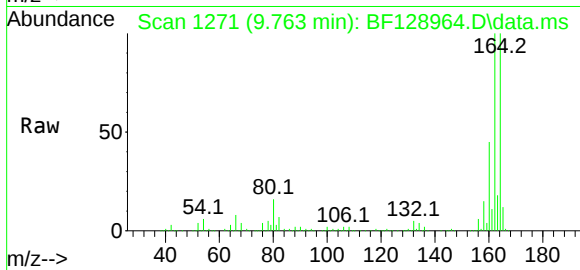




#57
2,4-Dinitrotoluene
Concen: 6.942 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

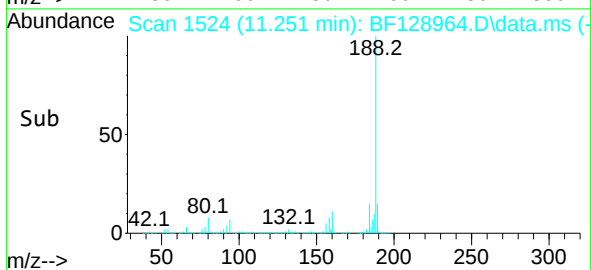
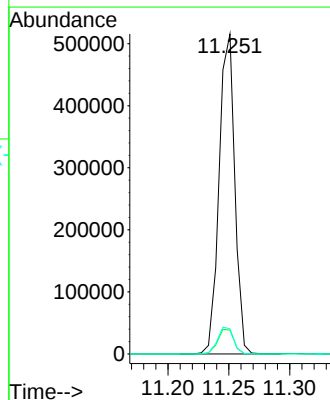
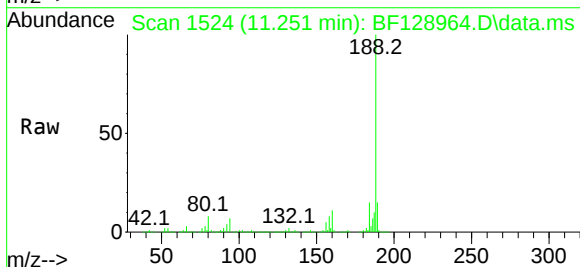
Instrument :
BNA_F
ClientSampleId :
SB-5-0-2-20220621

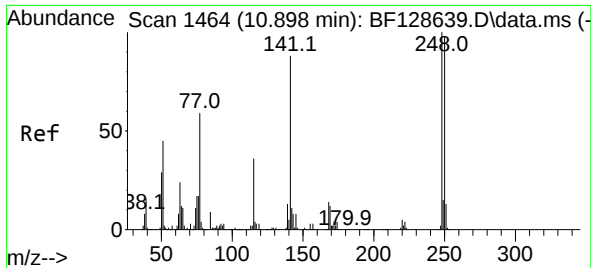
Tgt Ion:165 Resp: 31469
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.9 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

Tgt Ion:188 Resp: 463852
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 7.9 7.6 11.4

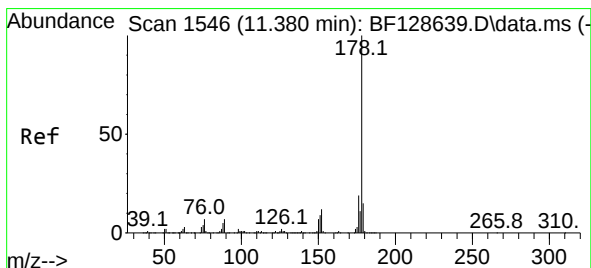
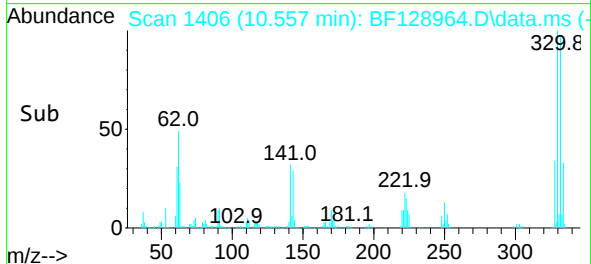
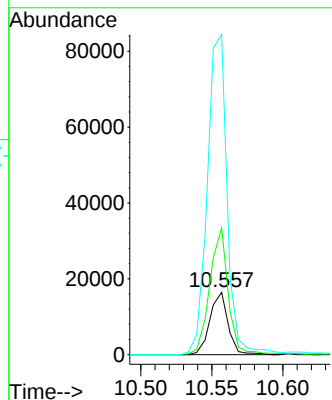
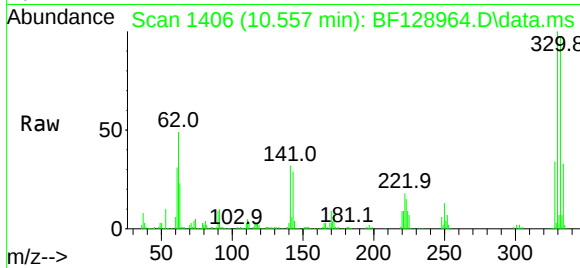




#67
4-Bromophenyl-phenylether
Concen: 2.835 ng
RT: 10.557 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

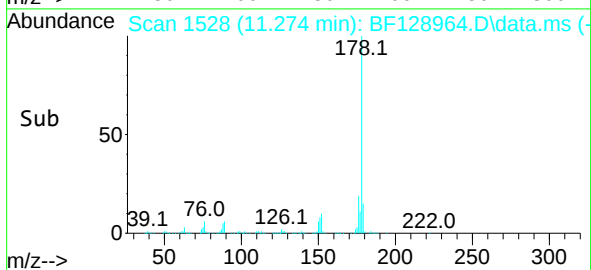
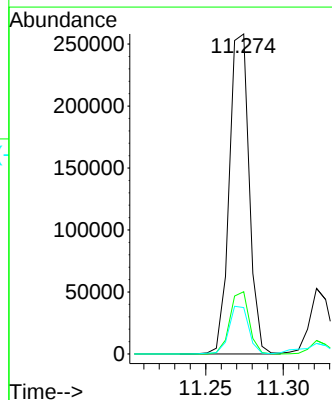
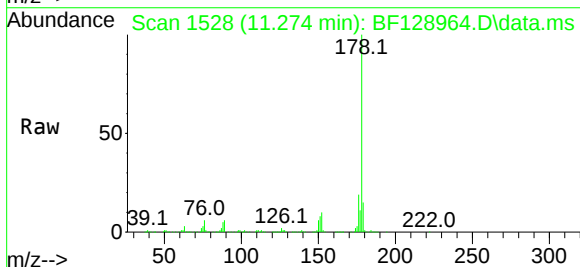
Instrument :
BNA_F
ClientSampleId :
SB-5-0-2-20220621

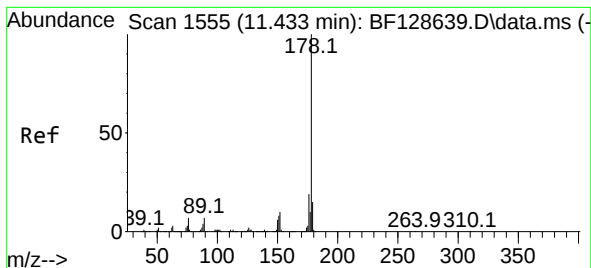
Tgt Ion:248 Resp: 14667
Ion Ratio Lower Upper
248 100
250 202.9 80.6 120.8#
141 512.4 58.9 88.3#



#71
Phenanthrene
Concen: 9.897 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

Tgt Ion:178 Resp: 230258
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 14.5 12.6 19.0





#72

Anthracene

Concen: 2.007 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

Instrument :

BNA_F

ClientSampleId :

SB-5-0-2-20220621

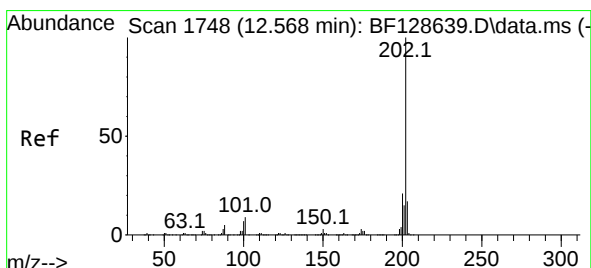
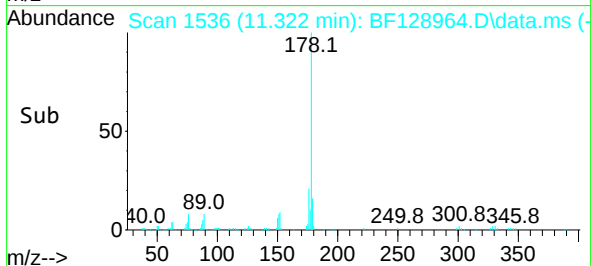
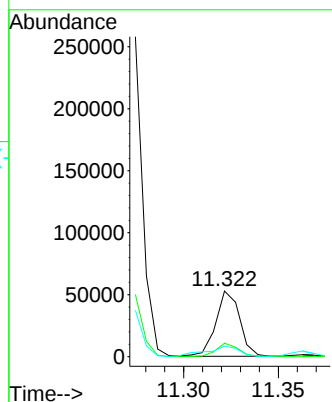
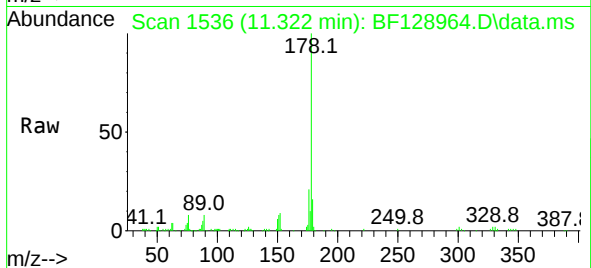
Tgt Ion:178 Resp: 46219

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.2

179 16.1 12.6 19.0



#75

Fluoranthene

Concen: 14.666 ng

RT: 12.463 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

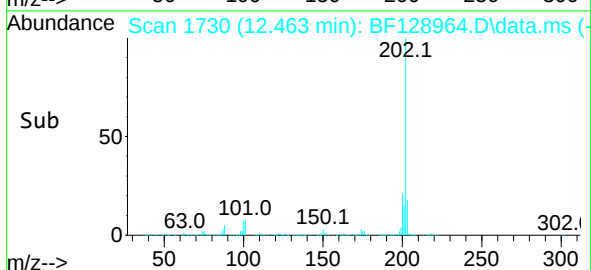
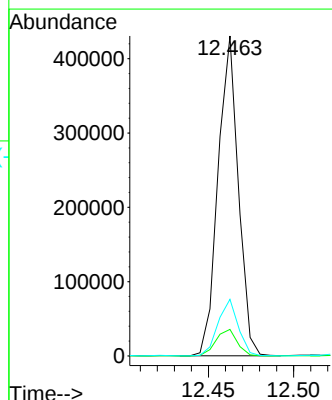
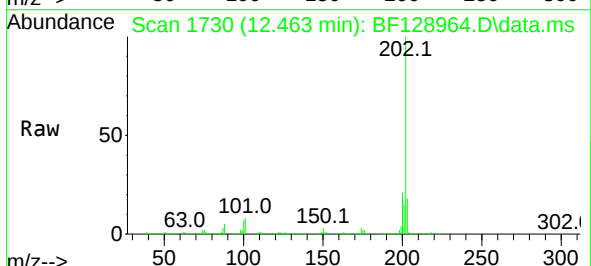
Tgt Ion:202 Resp: 356679

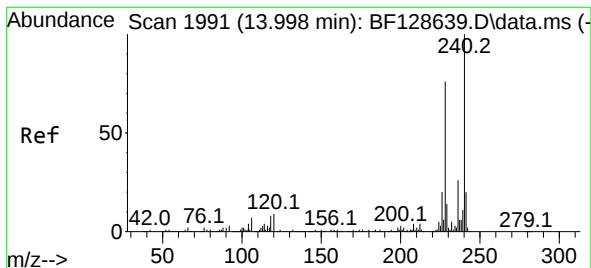
Ion Ratio Lower Upper

202 100

101 8.3 0.0 31.4

203 17.7 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

Instrument :

BNA_F

ClientSampleId :

SB-5-0-2-20220621

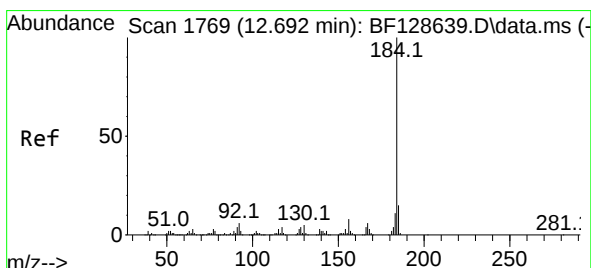
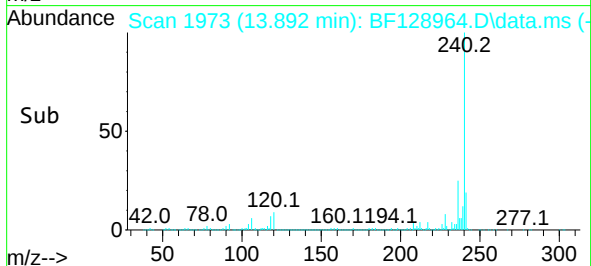
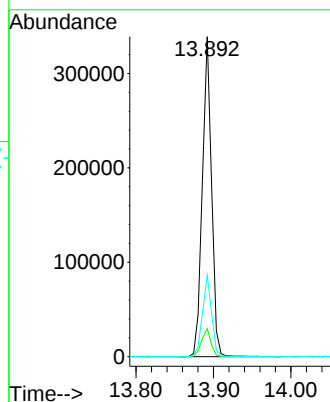
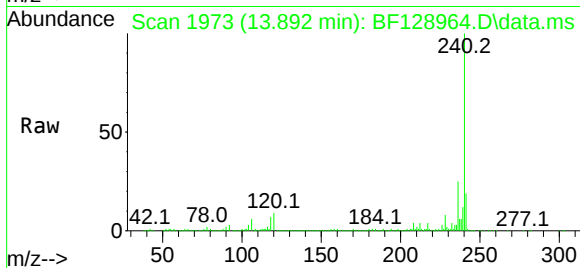
Tgt Ion:240 Resp: 280076

Ion Ratio Lower Upper

240 100

120 8.7 8.9 13.3#

236 25.4 20.8 31.2



#77

Benidine

Concen: 3.098 ng

RT: 12.839 min Scan# 1794

Delta R.T. 0.247 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

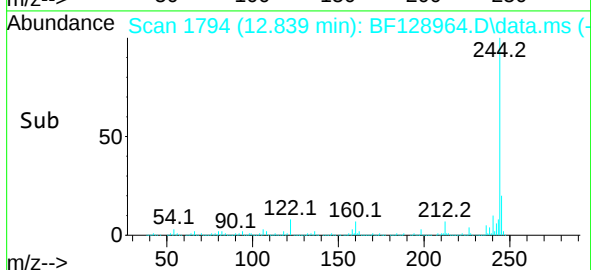
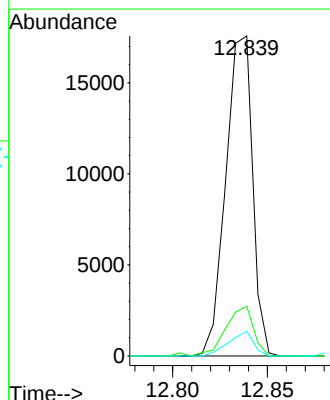
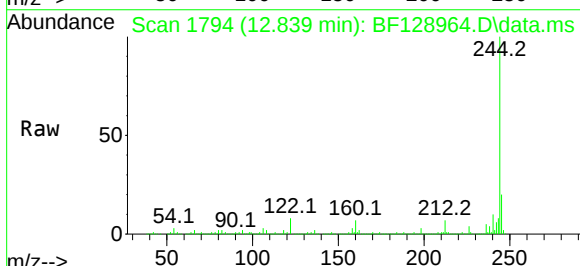
Tgt Ion:184 Resp: 17299

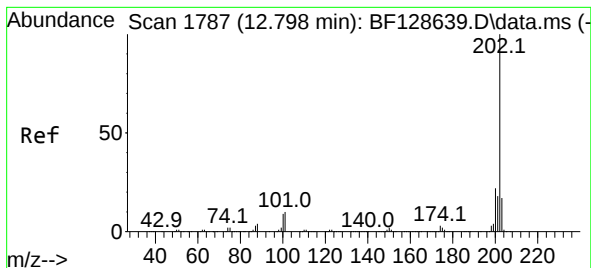
Ion Ratio Lower Upper

184 100

185 15.5 11.9 17.9

183 7.7 9.3 13.9#





#78

Pyrene

Concen: 14.589 ng

RT: 12.692 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

Instrument :

BNA_F

ClientSampleId :

SB-5-0-2-20220621

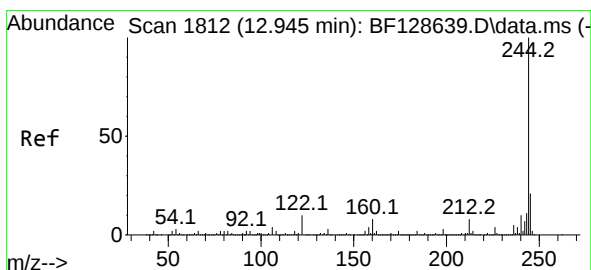
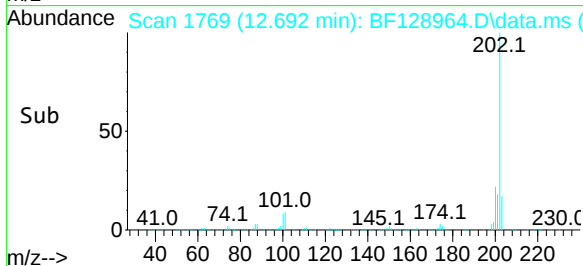
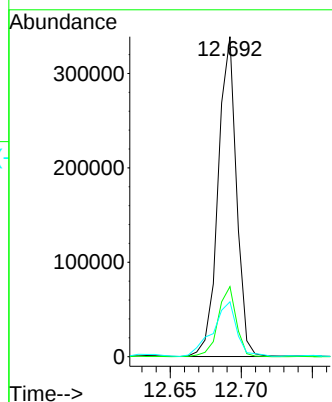
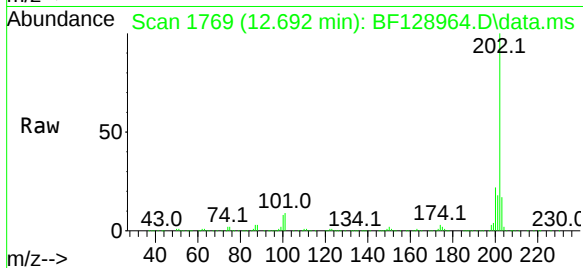
Tgt Ion:202 Resp: 304005

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

203 17.1 14.6 21.8



#79

Terphenyl-d14

Concen: 71.249 ng

RT: 12.839 min Scan# 1794

Delta R.T. -0.000 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

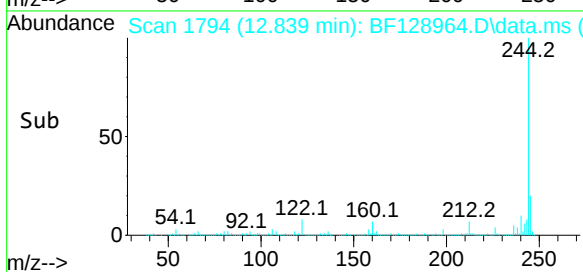
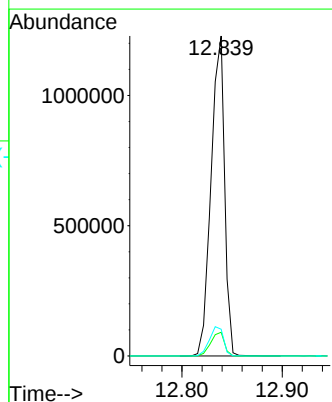
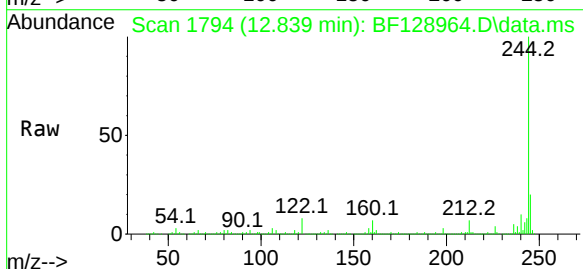
Tgt Ion:244 Resp: 1148409

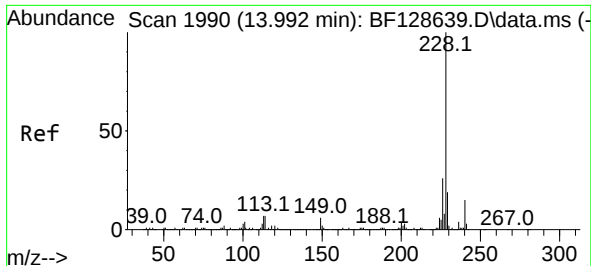
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 8.4 8.8 13.2#

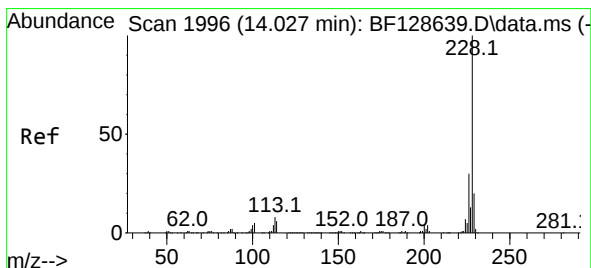
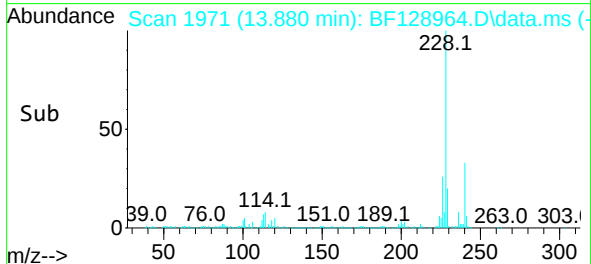
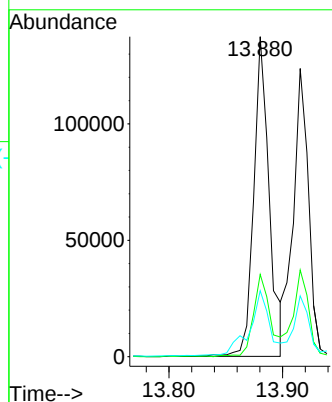
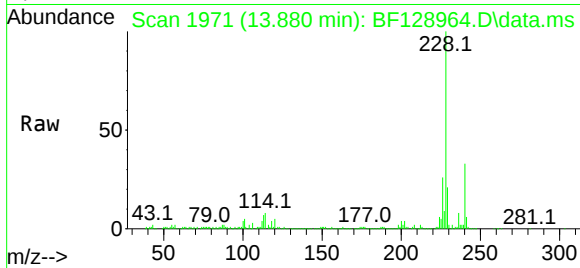




#81
Benzo(a)anthracene
Concen: 7.458 ng
RT: 13.880 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

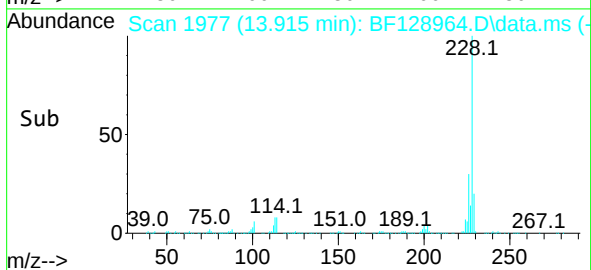
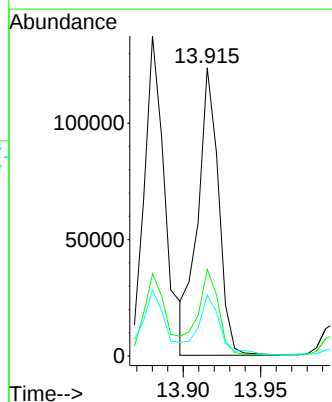
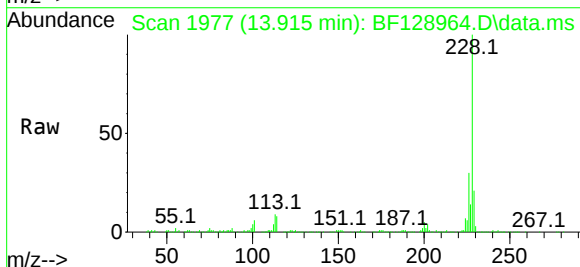
Instrument :
BNA_F
ClientSampleId :
SB-5-0-2-20220621

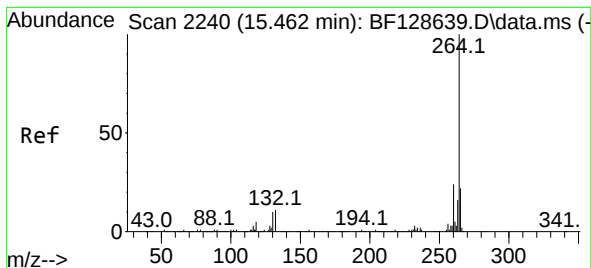
Tgt Ion:228 Resp: 130195
Ion Ratio Lower Upper
228 100
226 25.7 22.1 33.1
229 20.6 15.8 23.8



#83
Chrysene
Concen: 6.929 ng
RT: 13.915 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128964.D
Acq: 23 Jun 2022 21:06

Tgt Ion:228 Resp: 115321
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.1 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

Instrument :

BNA_F

ClientSampleId :

SB-5-0-2-20220621

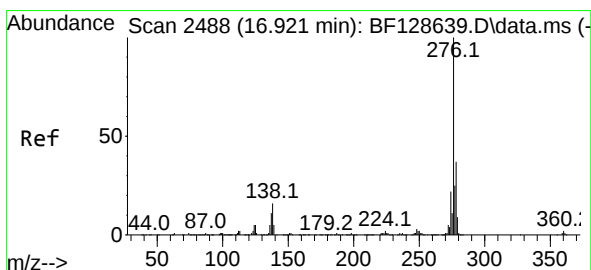
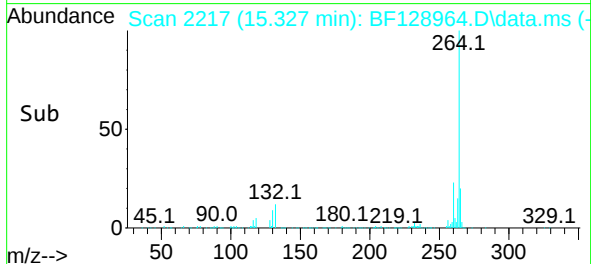
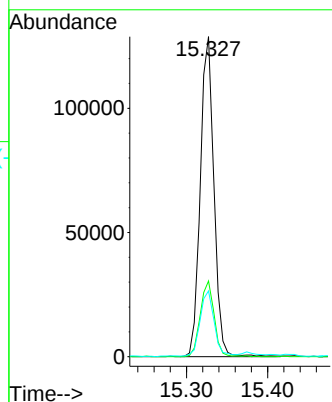
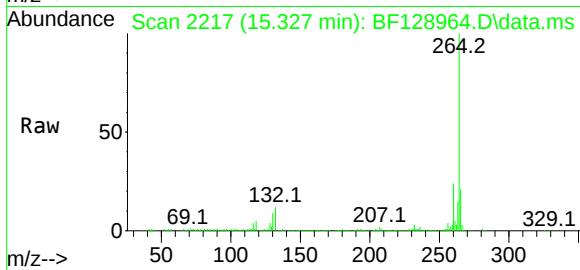
Tgt Ion:264 Resp: 150692

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 20.6 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.328 ng

RT: 16.733 min Scan# 2456

Delta R.T. -0.012 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

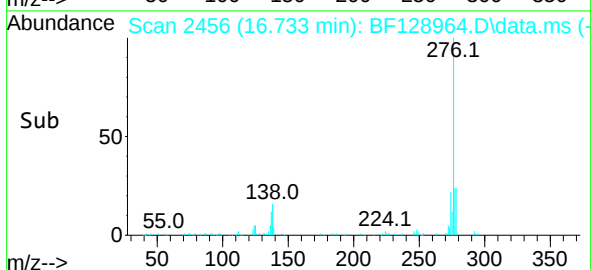
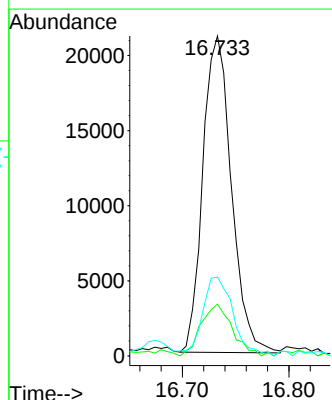
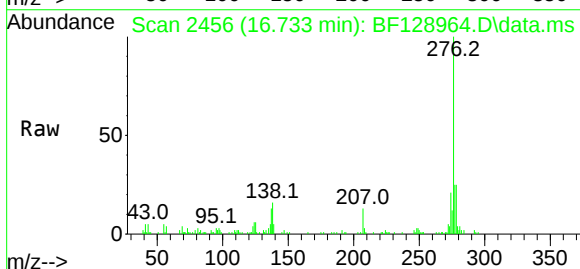
Tgt Ion:276 Resp: 39308

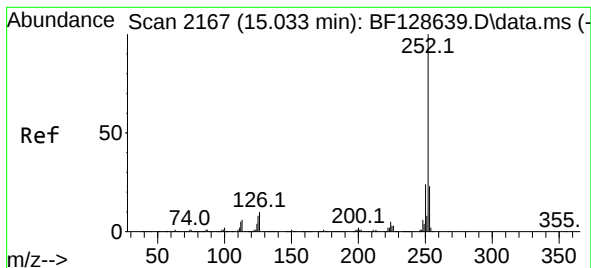
Ion Ratio Lower Upper

276 100

138 17.7 21.1 31.7#

277 26.6 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 16.491 ng

RT: 14.915 min Scan# 2147

Delta R.T. -0.006 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

Instrument :

BNA_F

ClientSampleId :

SB-5-0-2-20220621

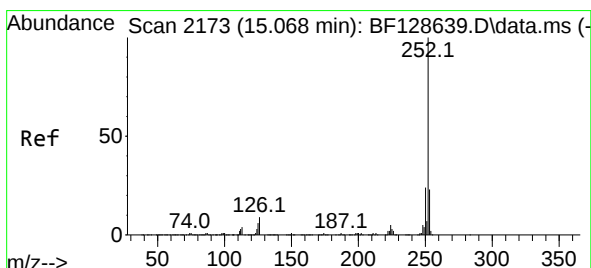
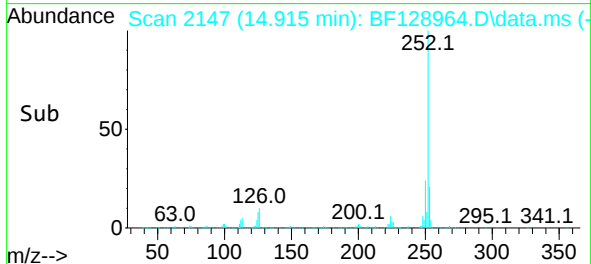
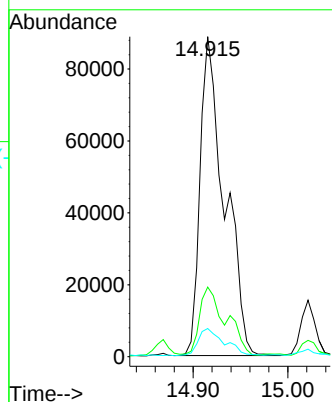
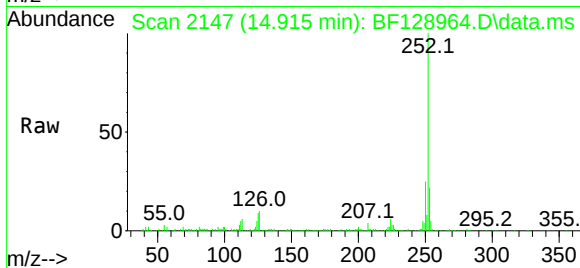
Tgt Ion:252 Resp: 158790

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.8 8.0 12.0



#89

Benzo(k)fluoranthene

Concen: 17.530 ng

RT: 14.915 min Scan# 2147

Delta R.T. -0.035 min

Lab File: BF128964.D

Acq: 23 Jun 2022 21:06

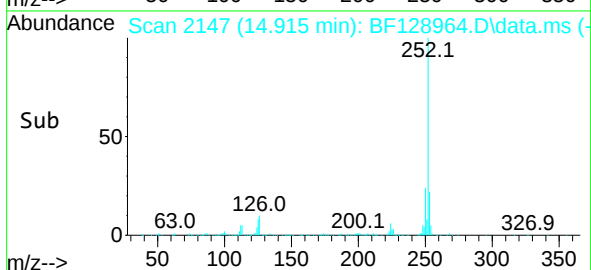
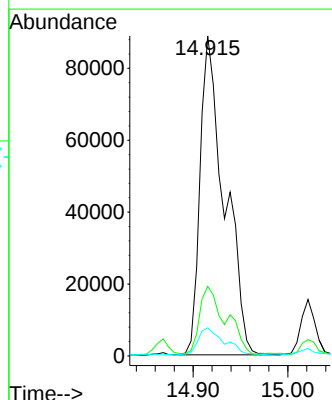
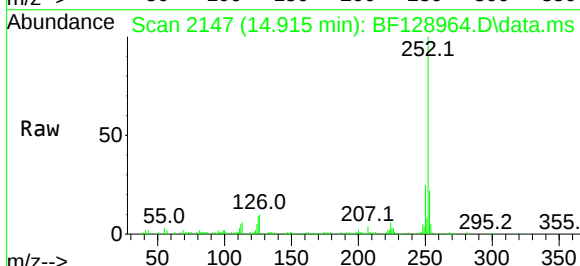
Tgt Ion:252 Resp: 158790

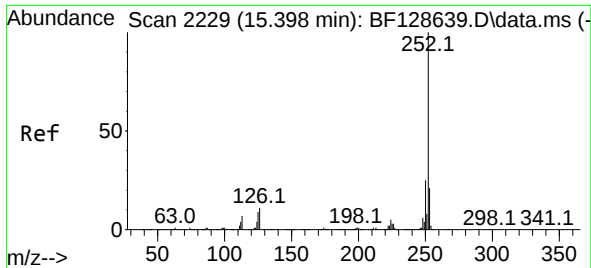
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.8 8.3 12.5





#90

Benzo(a)pyrene

Concen: 6.853 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.071 min

Lab File: BF128964.D

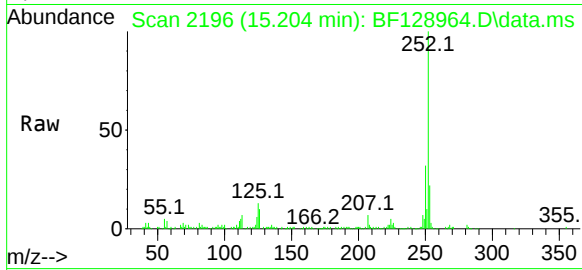
Acq: 23 Jun 2022 21:06

Instrument :

BNA_F

ClientSampleId :

SB-5-0-2-20220621



Tgt Ion:252 Resp: 51867

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 12.5 8.8 13.2

