

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136925.D
 Acq On : 04 Jan 2024 00:31
 Operator : CG\JU
 Sample : 05899-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-2-4

Quant Time: Jan 04 03:44:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

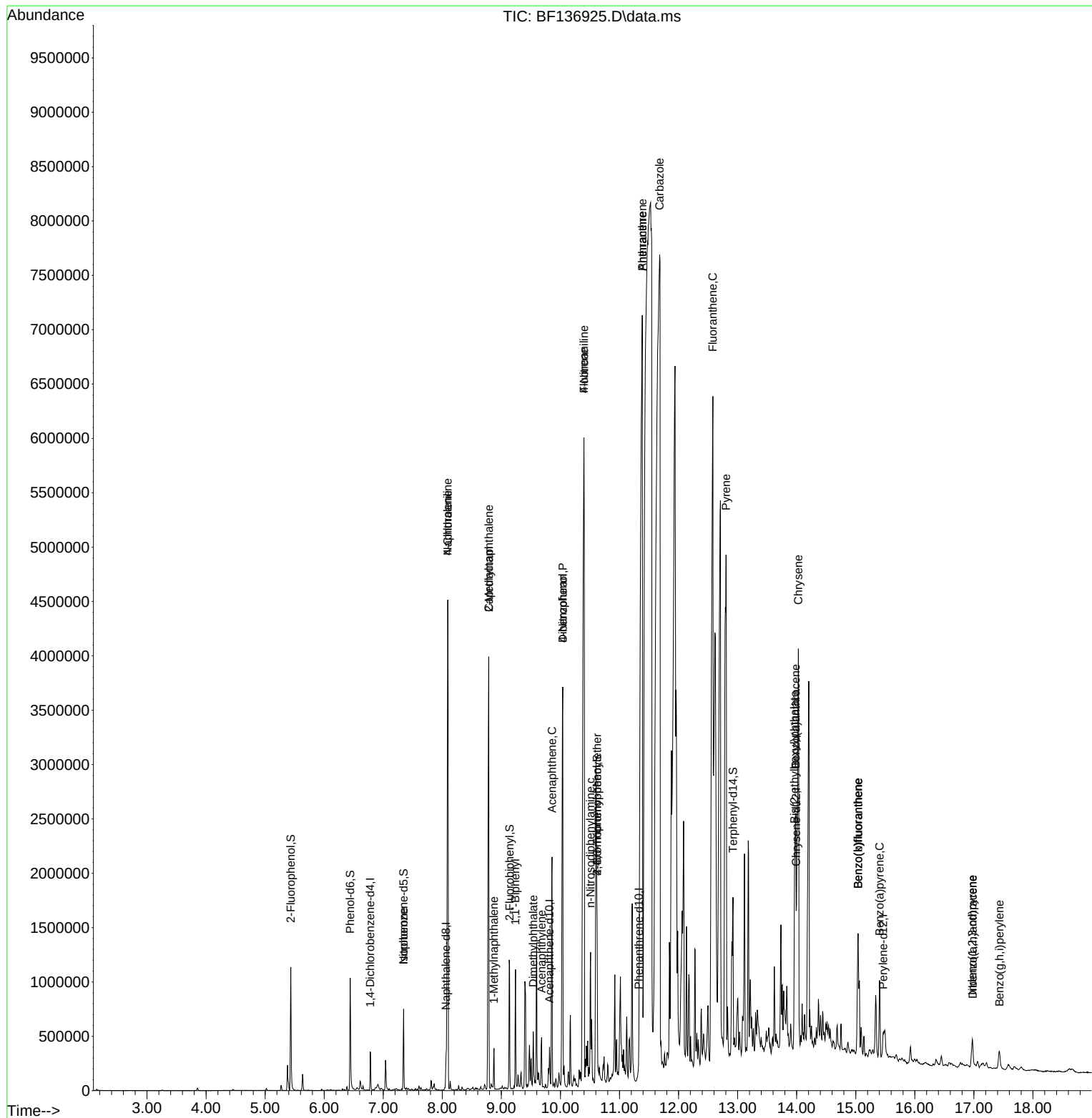
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	48554	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	156940	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	69474	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	119231	20.000	ng	0.01
76) Chrysene-d12	13.992	240	100637	20.000	ng	0.02
86) Perylene-d12	15.462	264	89656	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	304729	97.925	ng	0.00
7) Phenol-d6	6.439	99	354544	87.928	ng	0.00
23) Nitrobenzene-d5	7.345	82	199425	65.024	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	77209	94.363	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	371436	71.908	ng	-0.01
79) Terphenyl-d14	12.921	244	473249	65.716	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.345	82	198436	35.558	ng	# 65
31) Naphthalene	8.092	128	2538871	294.469	ng	99
33) 4-Chloroaniline	8.092	127	347043	109.018	ng	# 33
35) Caprolactam	8.786	113	27497	36.178	ng	# 1
37) 2-Methylnaphthalene	8.786	142	1249023	225.099	ng	100
38) 1-Methylnaphthalene	8.875	142	90833	16.686	ng	97
46) 1,1'-Biphenyl	9.239	154	304506	52.231	ng	97
49) Acenaphthylene	9.680	152	160230	23.653	ng	# 95
50) Dimethylphthalate	9.539	163	35192	6.935	ng	100
52) Acenaphthene	9.857	154	459354	109.390	ng	99
55) Dibenzofuran	10.039	168	1816524	285.372	ng	98
56) 4-Nitrophenol	10.039	139	658345	799.386	ng	# 9
58) Fluorene	10.398	166	3509139	694.776	ng	98
62) 4-Nitroaniline	10.398	138	36755	31.252	ng	# 23
66) n-Nitrosodiphenylamine	10.510	169	42150	10.883	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	4606	3.478	ng	# 1
71) Phenanthrene	11.386	178	7284168	1190.646	ng	97
72) Anthracene	11.386	178	7284168	1175.678	ng	96
73) Carbazole	11.680	167	15308838	2620.734	ng	96
75) Fluoranthene	12.580	202	4394850	671.589	ng	96
78) Pyrene	12.804	202	3330100	337.082	ng	98
81) Benzo(a)anthracene	13.980	228	1304588	186.687	ng	96
83) Chrysene	14.027	228	1976657	289.253	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	283242	62.624	ng	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	167055	25.807	ng	96
88) Benzo(b)fluoranthene	15.039	252	949633	158.584	ng	97
89) Benzo(k)fluoranthene	15.039	252	949633	167.830	ng	98
90) Benzo(a)pyrene	15.404	252	357790	70.784	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	47487	8.942	ng	95
92) Benzo(g,h,i)perylene	17.433	276	145397	26.731	ng	99

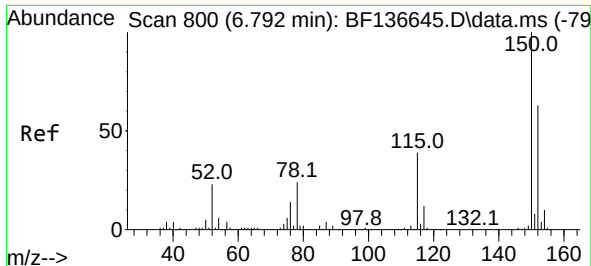
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
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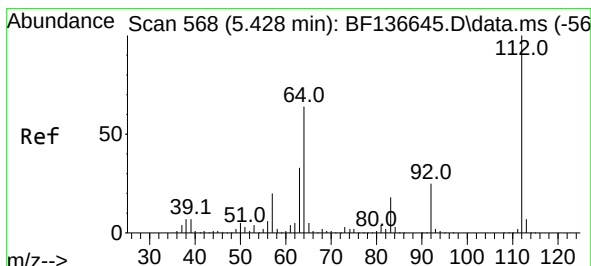
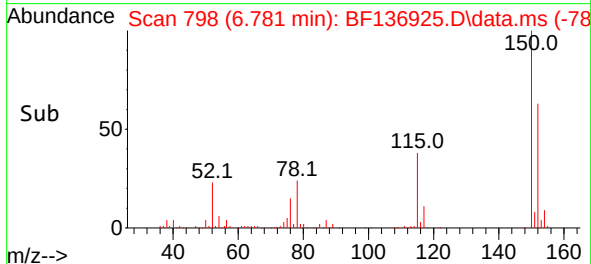
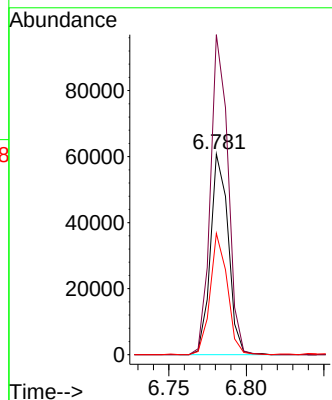
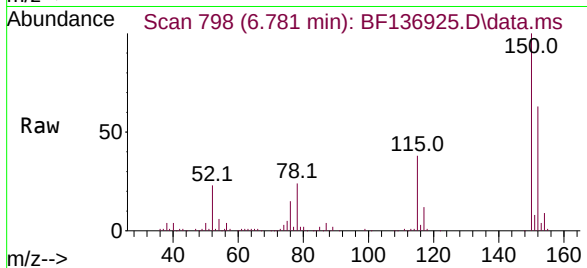




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136925.D
 Acq: 04 Jan 2024 00:31

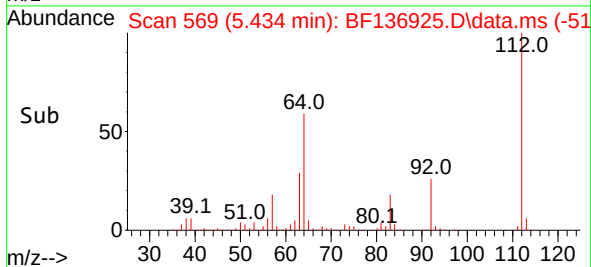
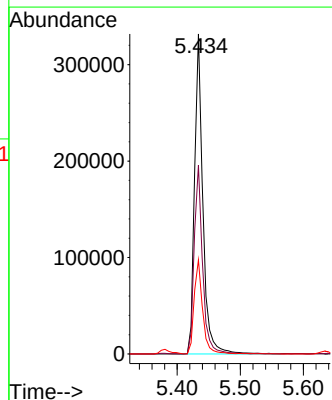
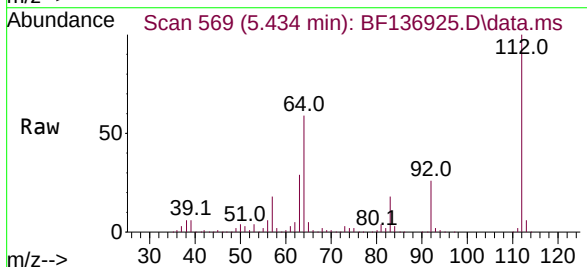
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-2-4

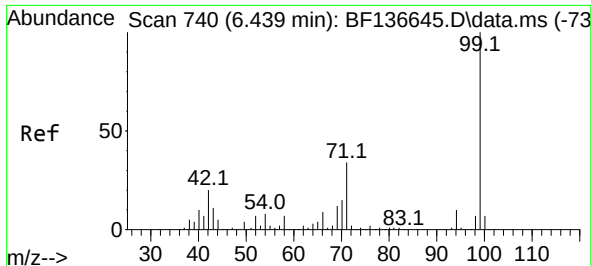
Tgt Ion:152 Resp: 48554
 Ion Ratio Lower Upper
 152 100
 150 159.5 127.0 190.6
 115 60.5 49.0 73.4



#5
 2-Fluorophenol
 Concen: 97.925 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF136925.D
 Acq: 04 Jan 2024 00:31

Tgt Ion:112 Resp: 304729
 Ion Ratio Lower Upper
 112 100
 64 59.0 51.1 76.7
 63 29.4 26.1 39.1

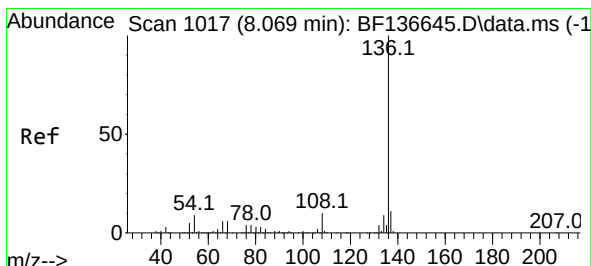
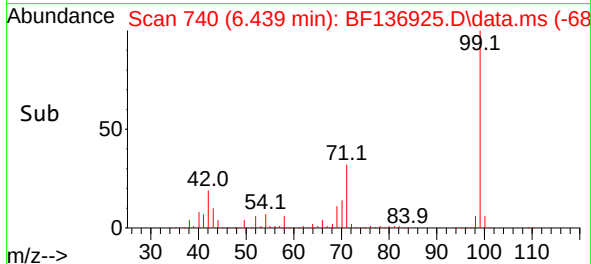
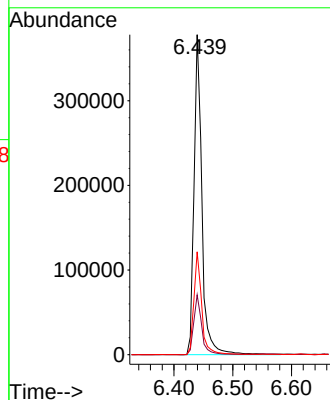
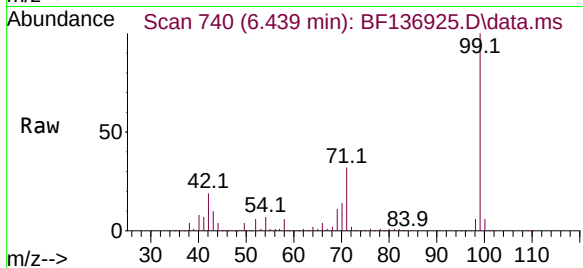




#7
Phenol-d6
Concen: 87.928 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

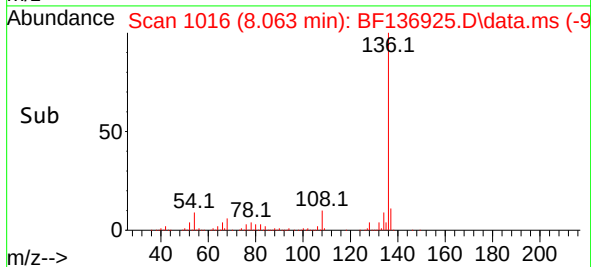
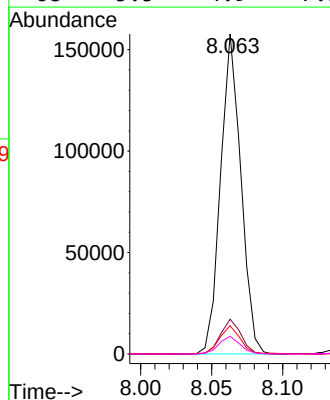
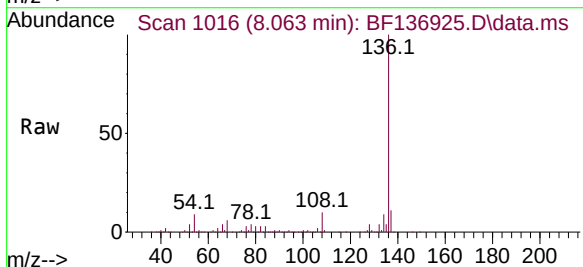
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

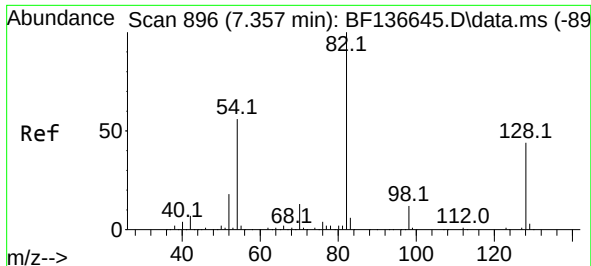
Tgt Ion: 99 Resp: 354544
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

Tgt Ion: 136 Resp: 156940
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.9 7.2 10.8
68 5.5 4.9 7.3

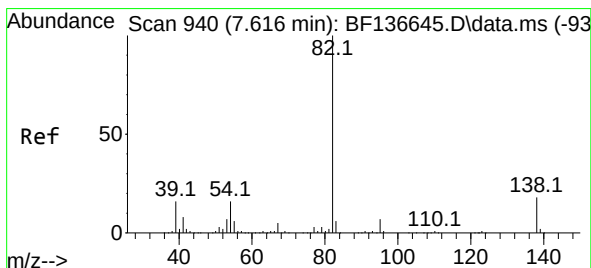
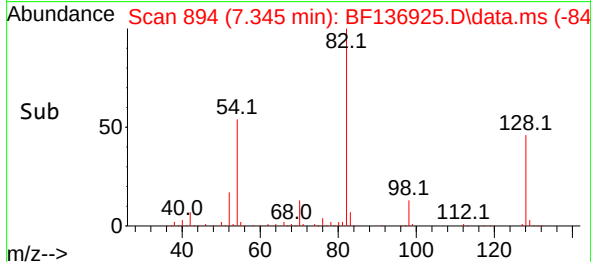
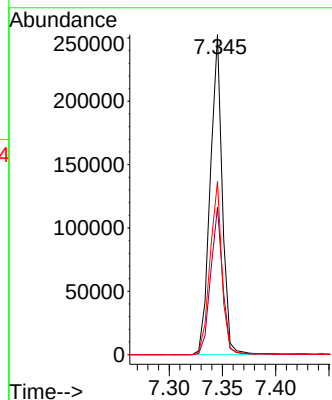
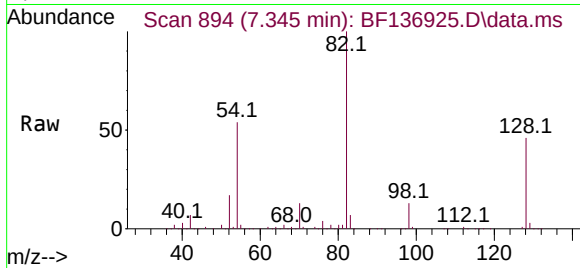




#23
Nitrobenzene-d5
Concen: 65.024 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

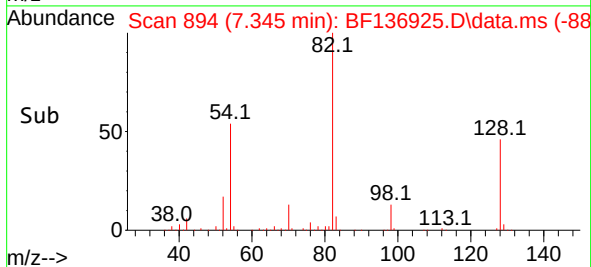
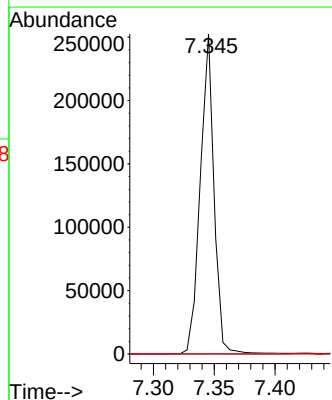
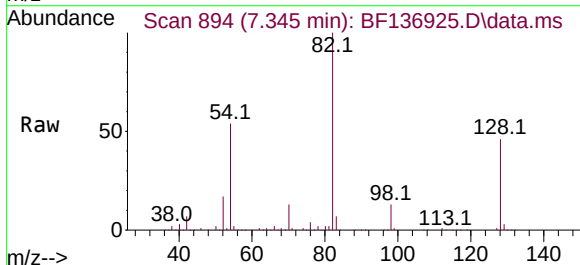
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

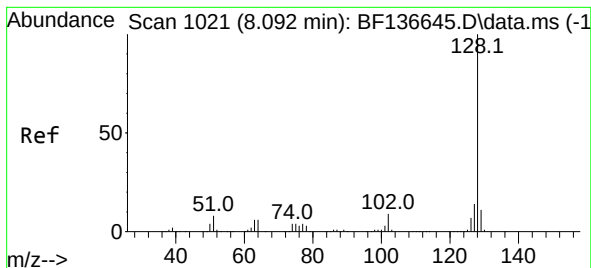
Tgt Ion: 82 Resp: 199425
Ion Ratio Lower Upper
82 100
128 46.1 35.3 52.9
54 54.2 44.5 66.7



#25
Isophorone
Concen: 35.558 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

Tgt Ion: 82 Resp: 198436
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#





#31

Naphthalene

Concen: 294.469 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

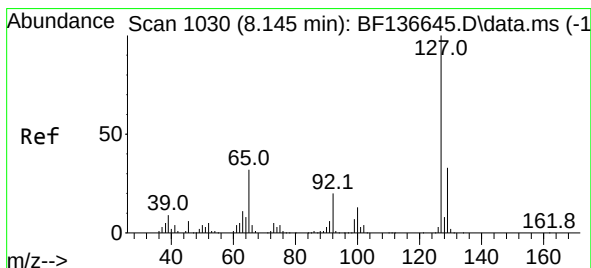
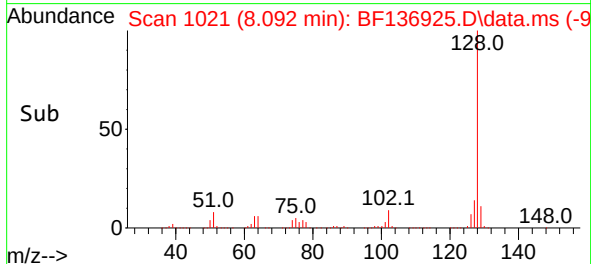
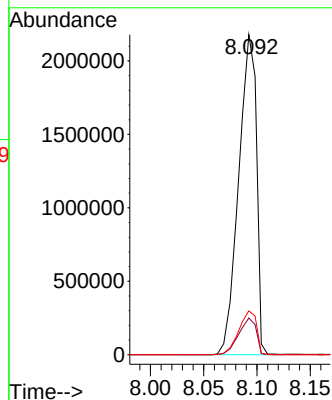
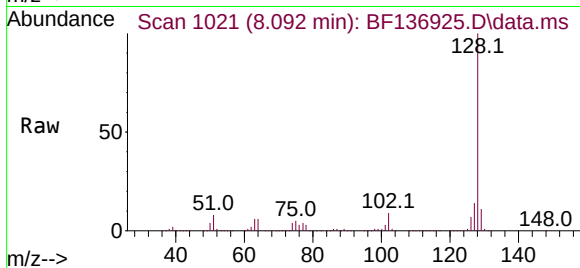
Tgt Ion:128 Resp: 2538871

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

127 13.7 10.8 16.2



#33

4-Chloroaniline

Concen: 109.018 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.053 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Tgt Ion:127 Resp: 347043

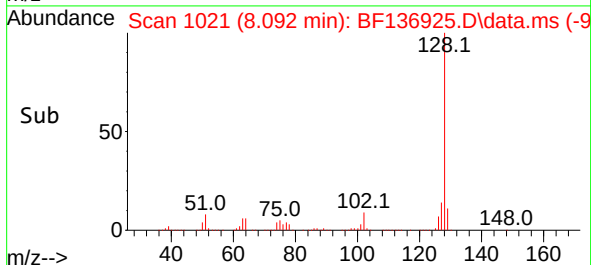
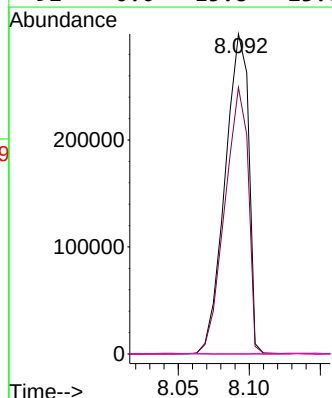
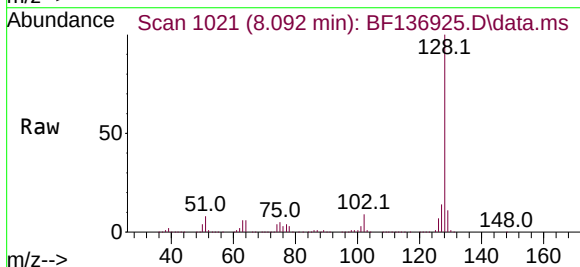
Ion Ratio Lower Upper

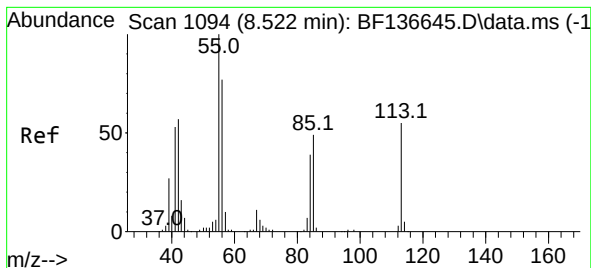
127 100

129 83.3 26.3 39.5#

65 0.0 25.8 38.8#

92 0.0 15.8 23.6#





#35

Caprolactam

Concen: 36.178 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.265 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

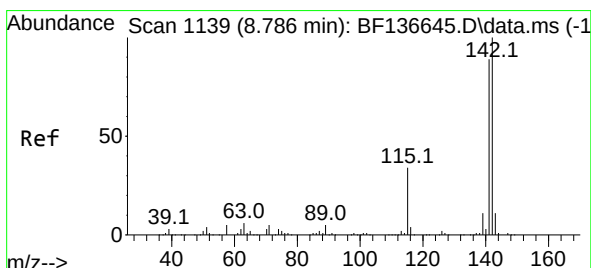
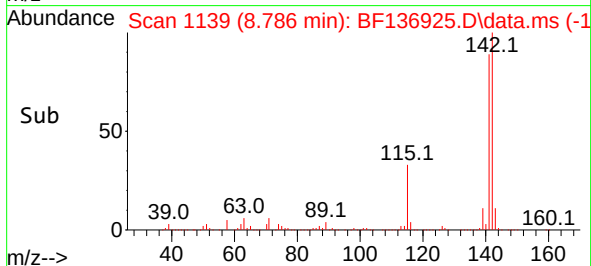
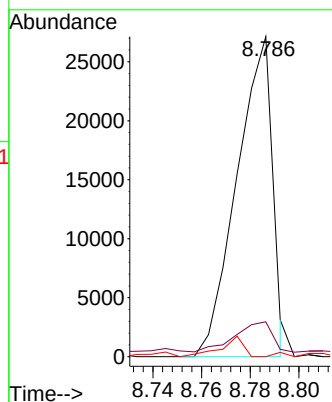
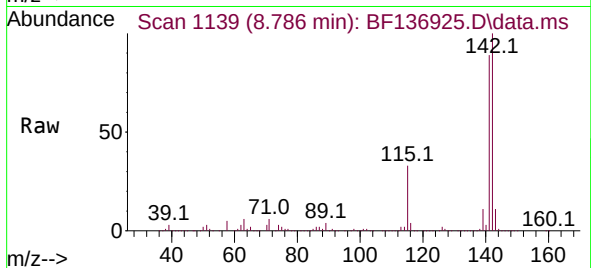
Tgt Ion:113 Resp: 27497

Ion Ratio Lower Upper

113 100

55 10.9 163.1 203.1#

56 0.0 121.7 161.7#



#37

2-Methylnaphthalene

Concen: 225.099 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF136925.D

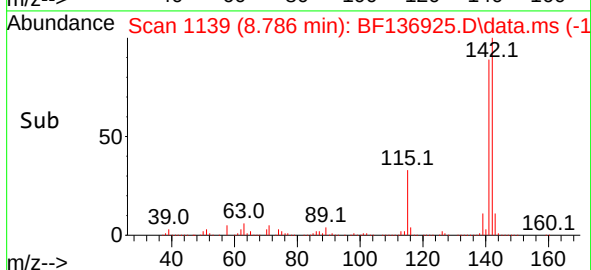
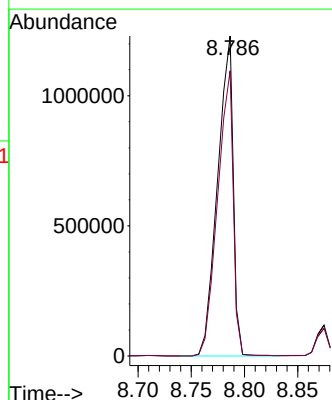
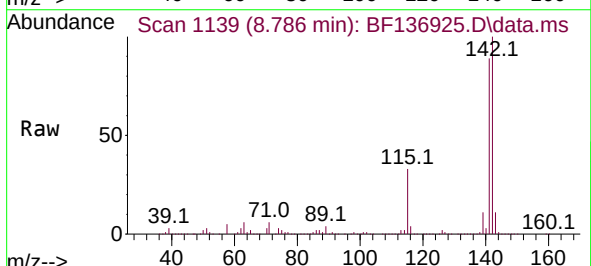
Acq: 04 Jan 2024 00:31

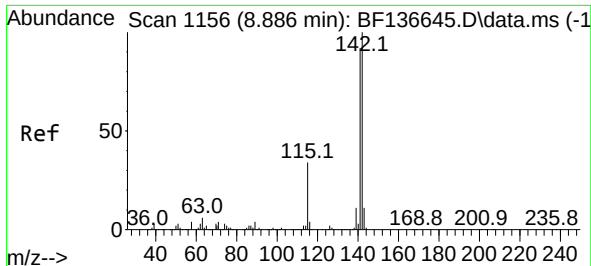
Tgt Ion:142 Resp: 1249023

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7

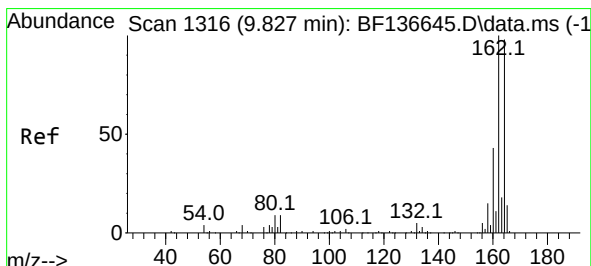
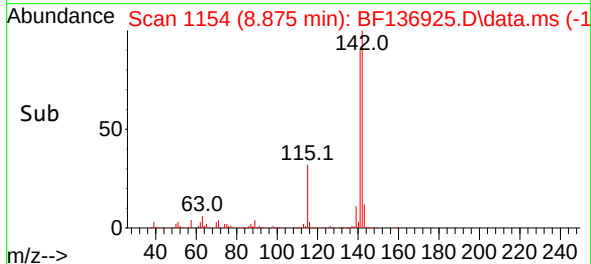
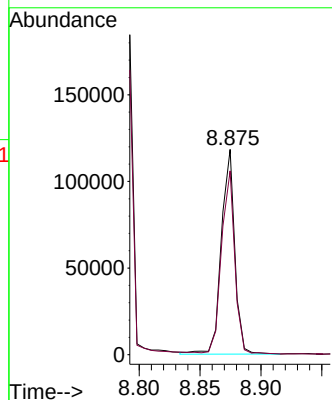
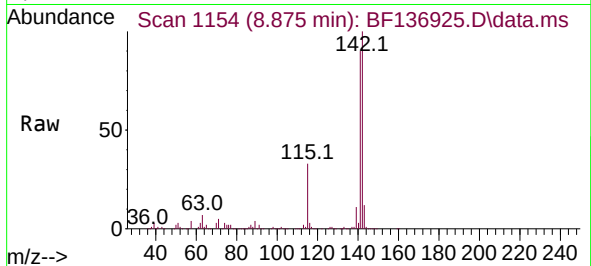




#38
1-Methylnaphthalene
Concen: 16.686 ng
RT: 8.875 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

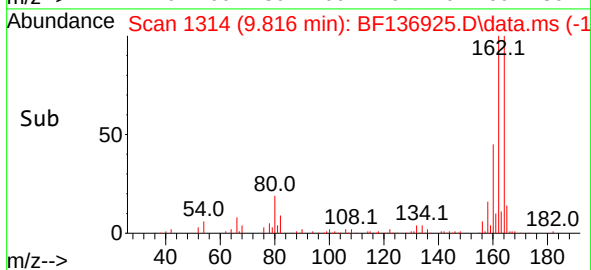
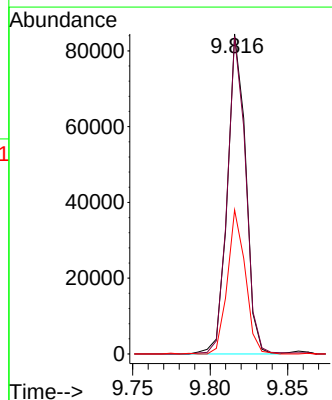
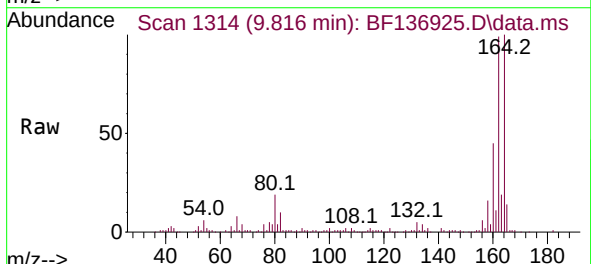
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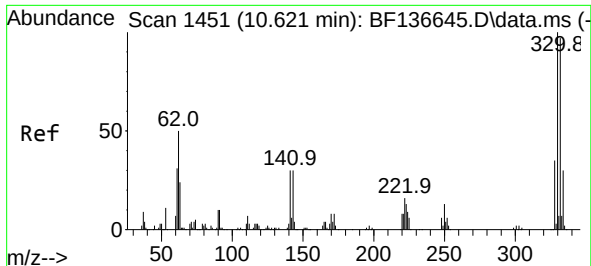
Tgt Ion:142 Resp: 90833
Ion Ratio Lower Upper
142 100
141 89.6 73.6 110.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

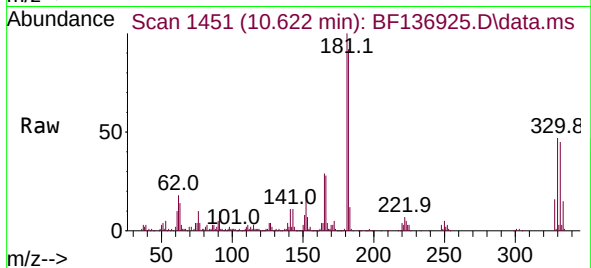
Tgt Ion:164 Resp: 69474
Ion Ratio Lower Upper
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162 99.2 81.6 122.4
160 45.0 34.9 52.3



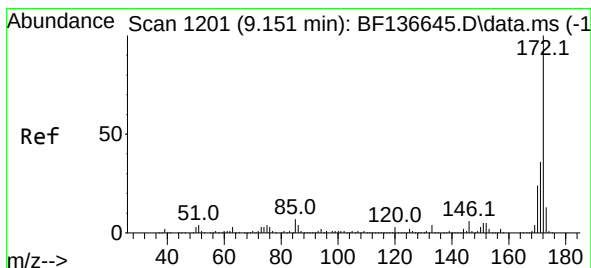
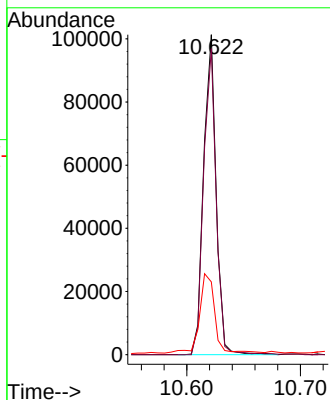
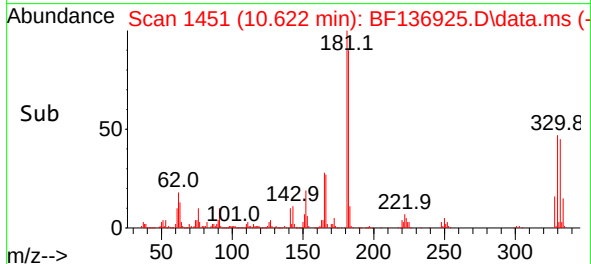


#42
2,4,6-Tribromophenol
Concen: 94.363 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

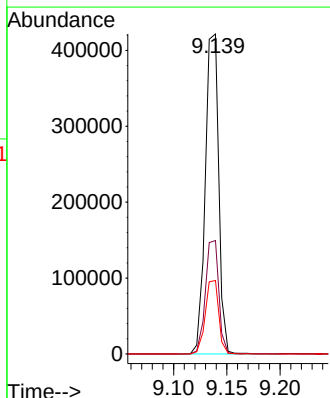
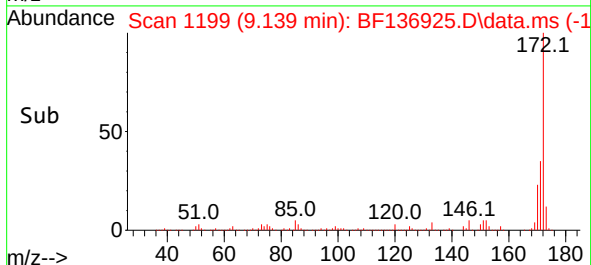
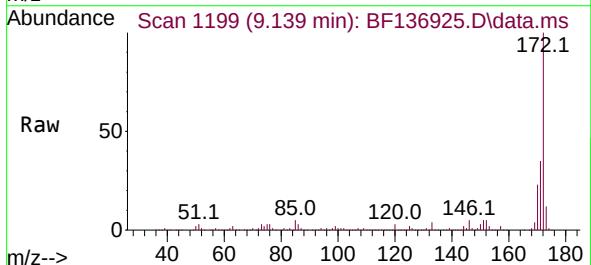


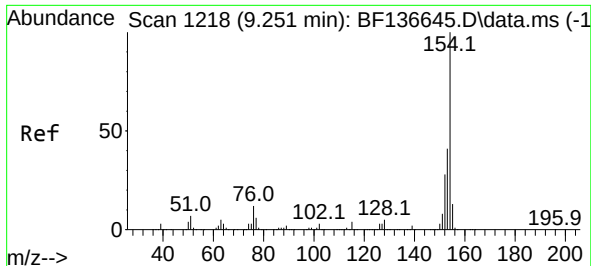
Tgt Ion: 330 Resp: 77209
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 29.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 71.908 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

Tgt Ion: 172 Resp: 371436
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 22.9 19.0 28.4





#46

1,1'-Biphenyl

Concen: 52.231 ng

RT: 9.239 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

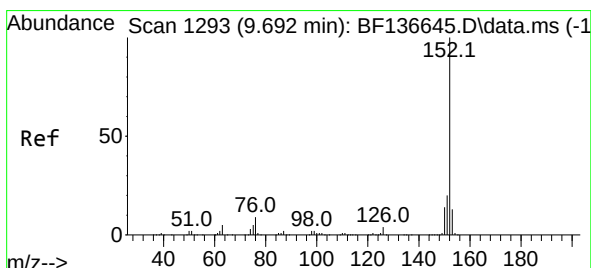
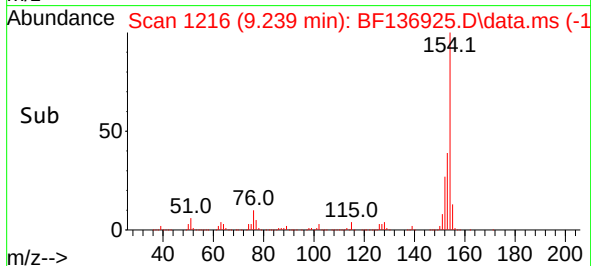
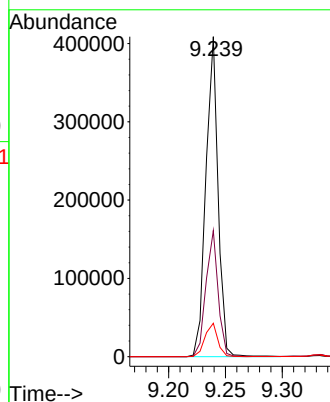
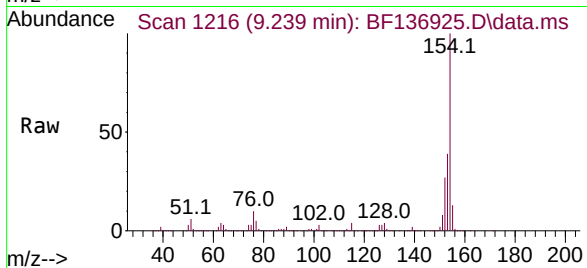
Tgt Ion:154 Resp: 304506

Ion Ratio Lower Upper

154 100

153 39.4 21.1 61.1

76 10.5 0.0 31.7



#49

Acenaphthylene

Concen: 23.653 ng

RT: 9.680 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

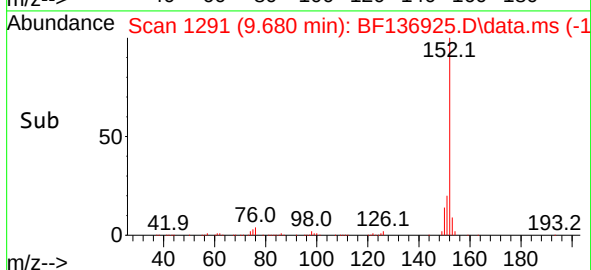
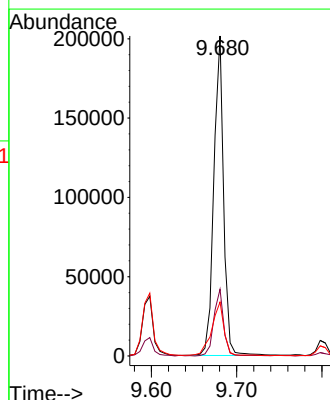
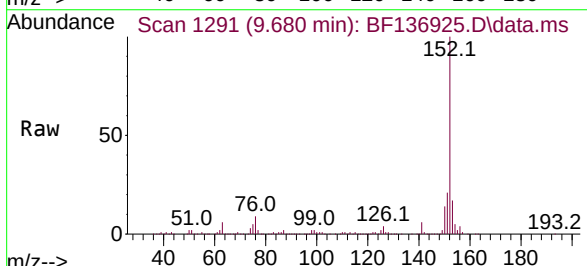
Tgt Ion:152 Resp: 160230

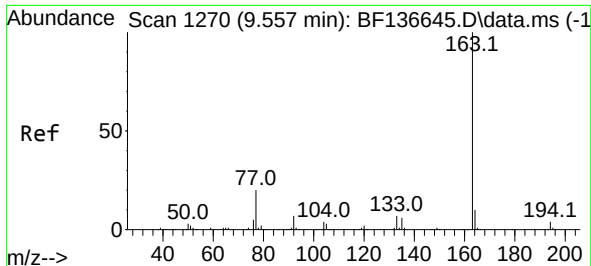
Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

153 16.8 10.2 15.2#

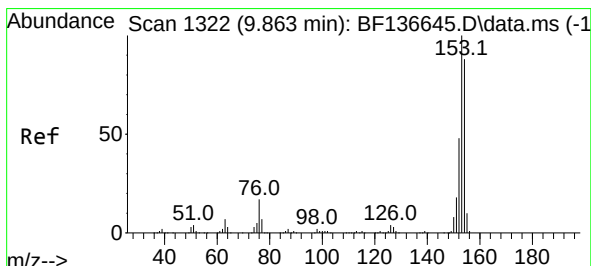
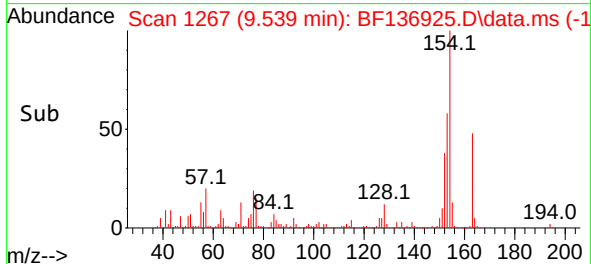
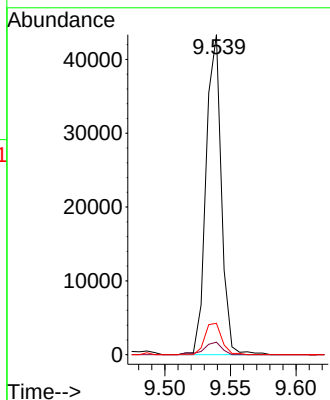
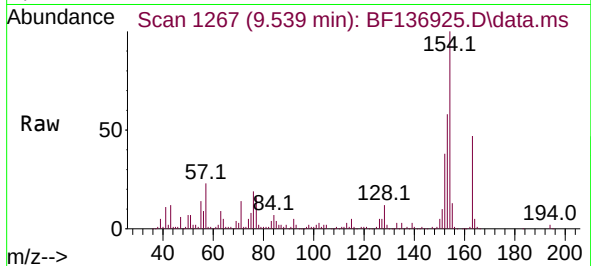




#50
Dimethylphthalate
Concen: 6.935 ng
RT: 9.539 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

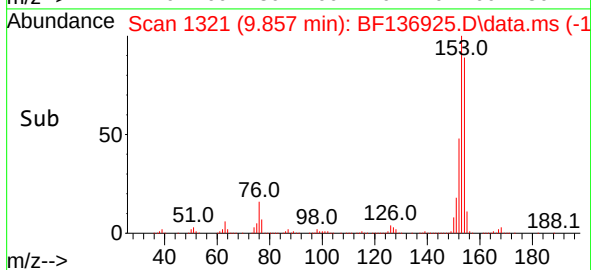
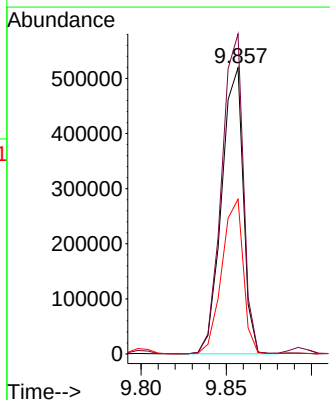
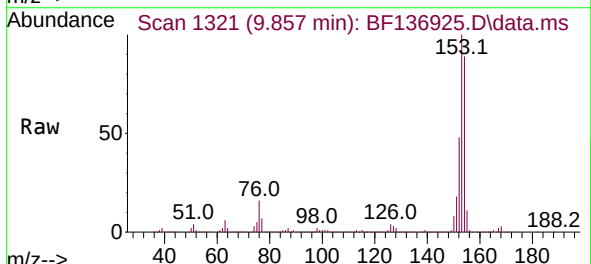
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

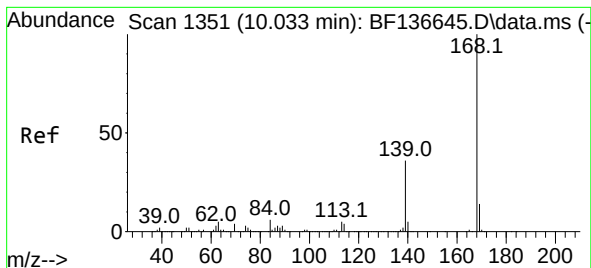
Tgt Ion:163 Resp: 35192
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 7.8 11.6



#52
Acenaphthene
Concen: 109.390 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

Tgt Ion:154 Resp: 459354
Ion Ratio Lower Upper
154 100
153 111.8 90.7 136.1
152 54.0 43.7 65.5

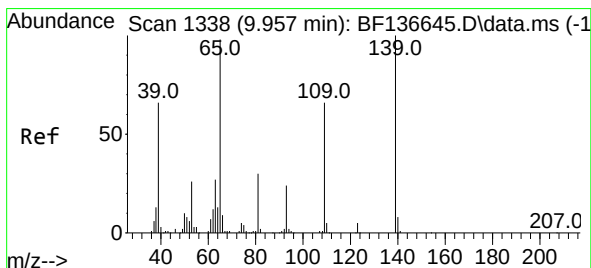
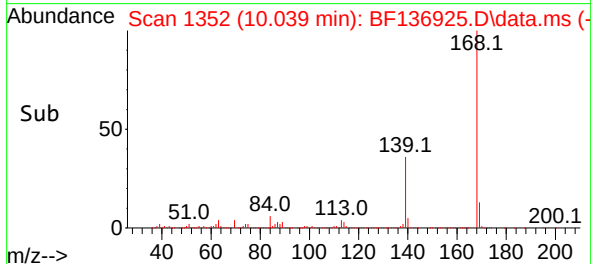
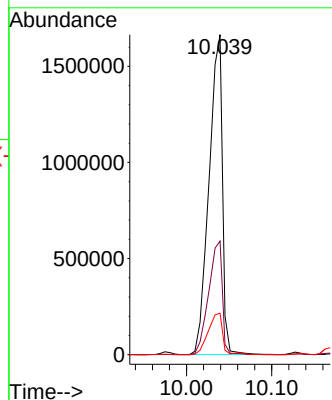
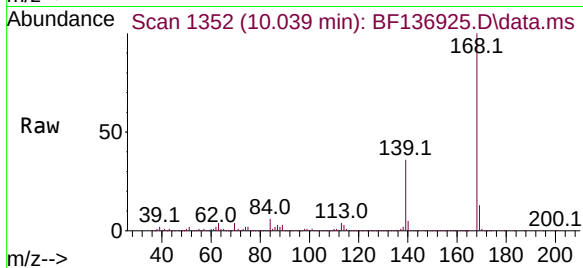




#55
Dibenzenofuran
Concen: 285.372 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

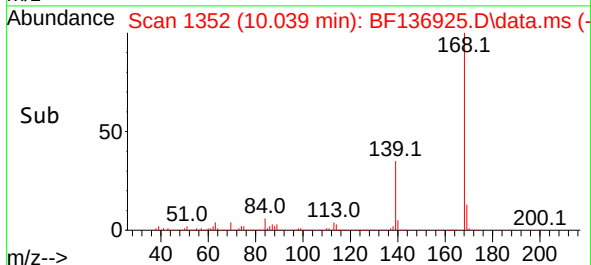
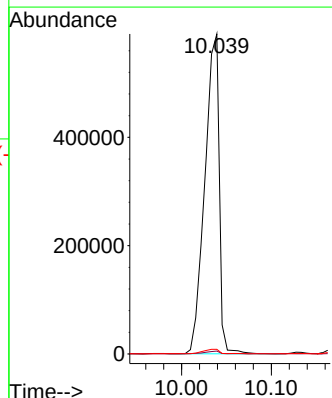
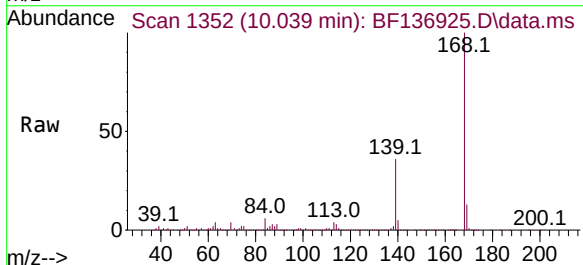
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

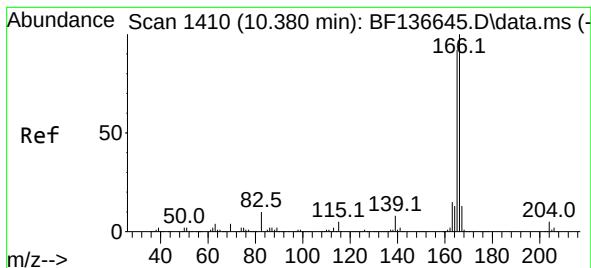
Tgt Ion:168 Resp: 1816524
Ion Ratio Lower Upper
168 100
139 35.5 29.3 43.9
169 13.0 11.0 16.4



#56
4-Nitrophenol
Concen: 799.386 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.082 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

Tgt Ion:139 Resp: 658345
Ion Ratio Lower Upper
139 100
109 0.9 45.8 85.8#
65 1.4 77.8 117.8#





#58

Fluorene

Concen: 694.776 ng

RT: 10.398 min Scan# 1413

Delta R.T. 0.018 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

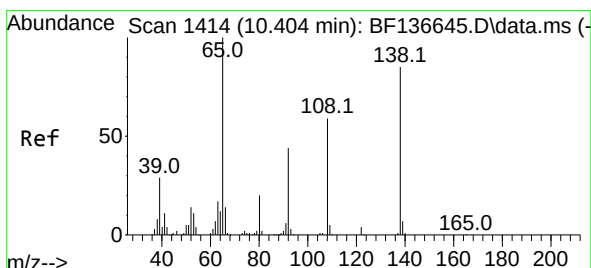
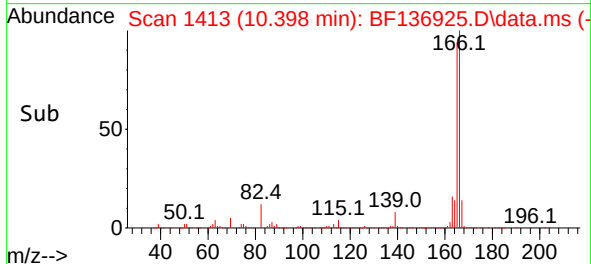
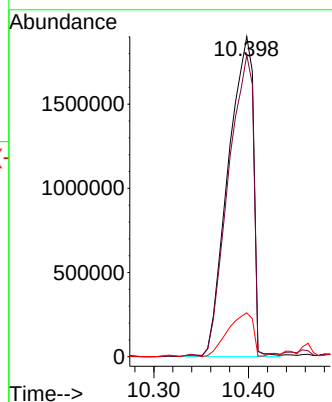
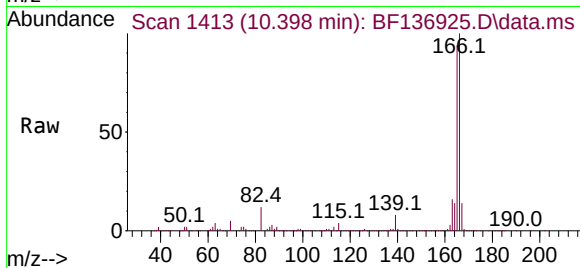
Tgt Ion:166 Resp: 3509139

Ion Ratio Lower Upper

166 100

165 94.3 73.7 110.5

167 13.7 10.4 15.6



#62

4-Nitroaniline

Concen: 31.252 ng

RT: 10.398 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

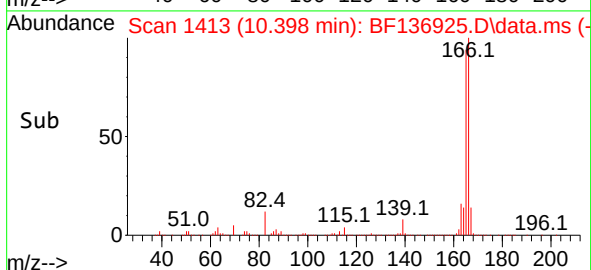
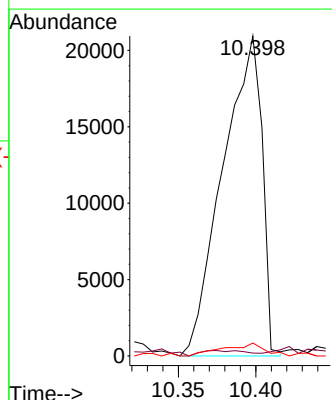
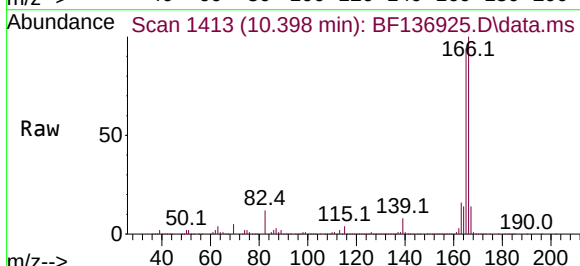
Tgt Ion:138 Resp: 36755

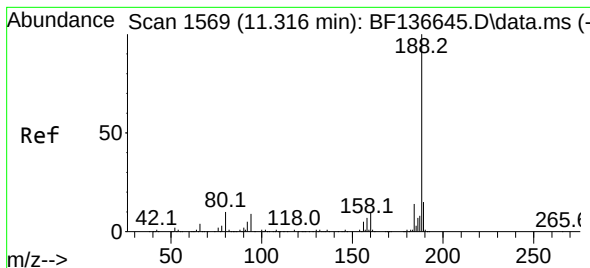
Ion Ratio Lower Upper

138 100

92 0.9 32.1 72.1#

108 4.0 50.1 90.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

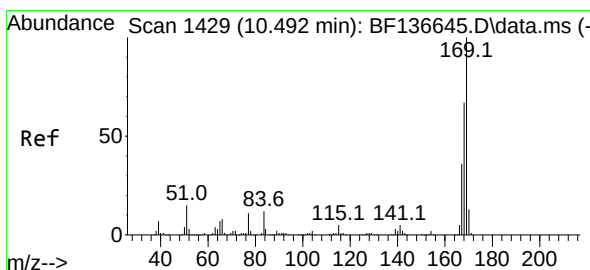
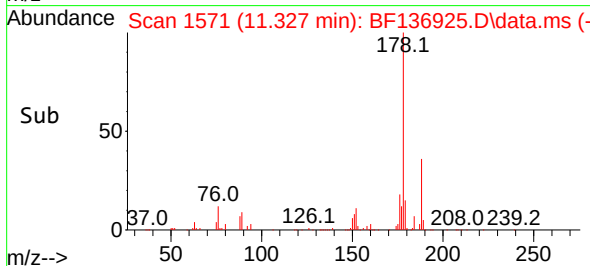
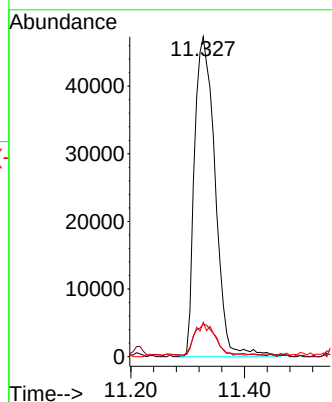
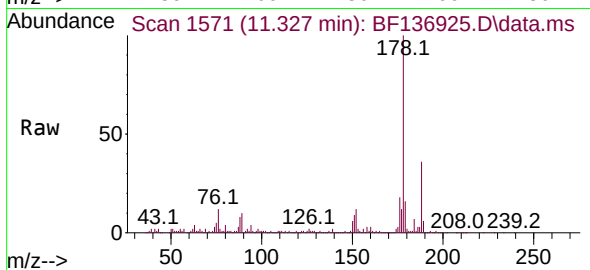
Tgt Ion:188 Resp: 119231

Ion Ratio Lower Upper

188 100

94 10.1 7.5 11.3

80 10.7 8.1 12.1



#66

n-Nitrosodiphenylamine

Concen: 10.883 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.018 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

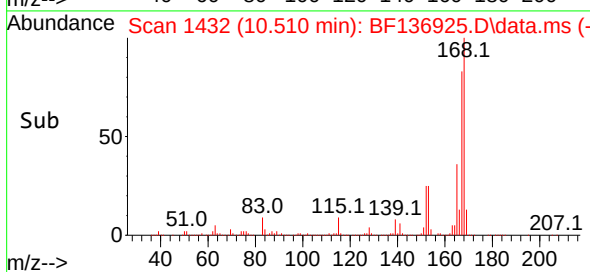
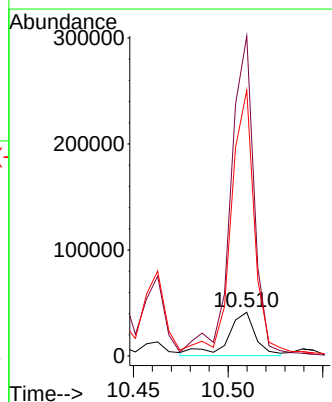
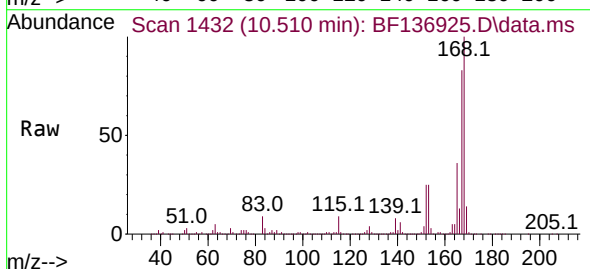
Tgt Ion:169 Resp: 42150

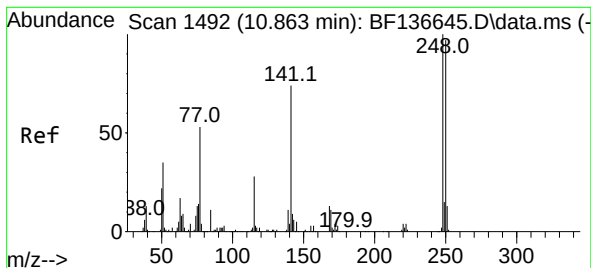
Ion Ratio Lower Upper

169 100

168 731.9 53.8 80.6#

167 607.8 28.7 43.1#

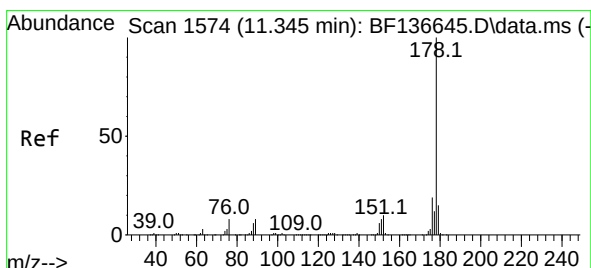
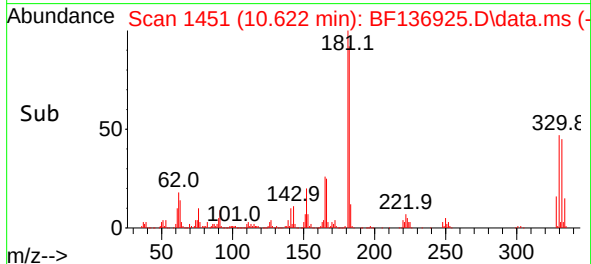
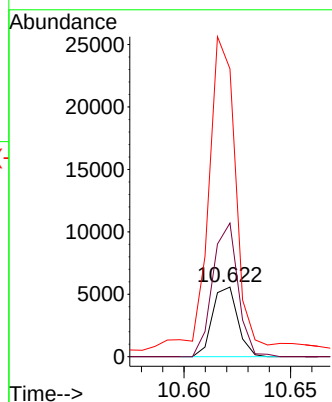
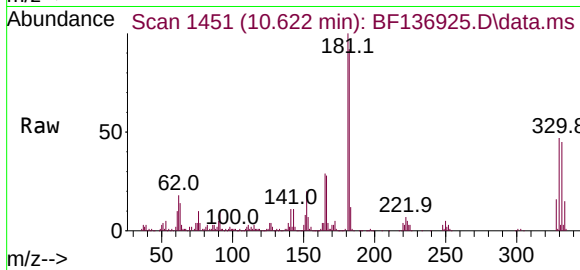




#67
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 10.622 min Scan# 1492
Delta R.T. -0.241 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

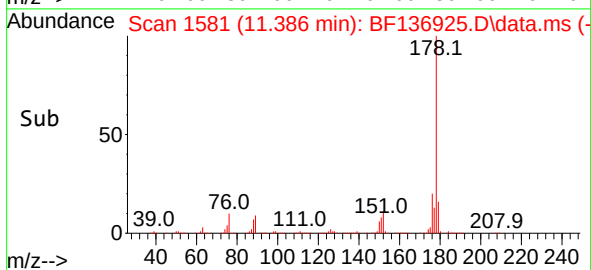
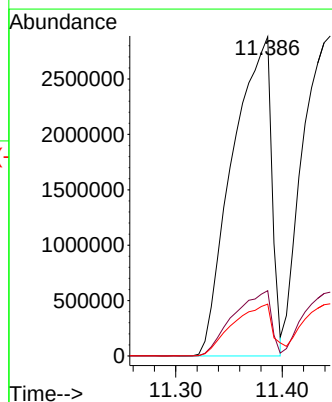
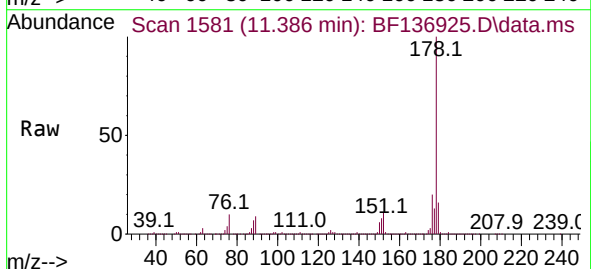
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

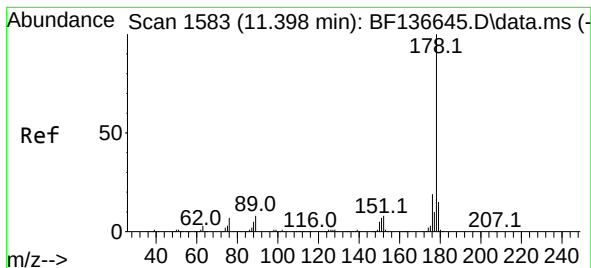
Tgt Ion:248 Resp: 4606
Ion Ratio Lower Upper
248 100
250 192.2 77.8 116.6#
141 413.9 59.2 88.8#



#71
Phenanthrene
Concen: 1190.646 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.041 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

Tgt Ion:178 Resp: 7284168
Ion Ratio Lower Upper
178 100
176 20.5 15.3 22.9
179 16.3 11.9 17.9





#72

Anthracene

Concen: 1175.678 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

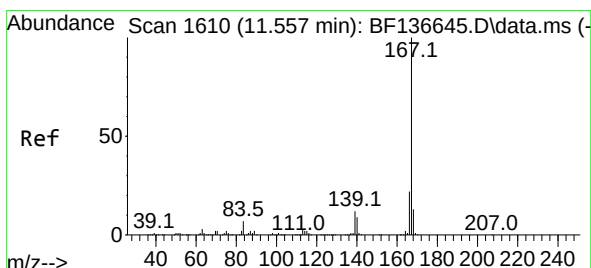
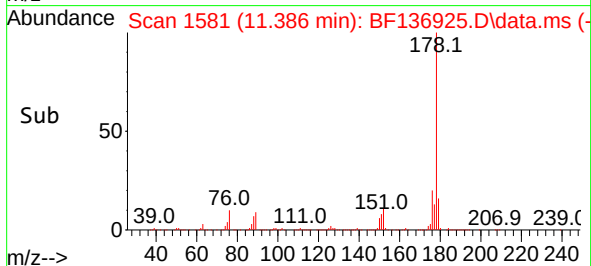
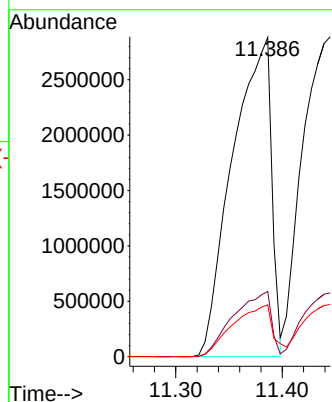
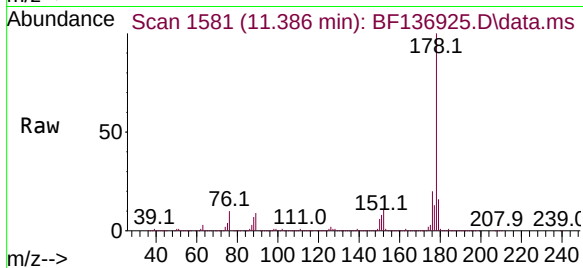
Tgt Ion:178 Resp: 7284168

Ion Ratio Lower Upper

178 100

176 20.5 14.9 22.3

179 16.3 11.8 17.6



#73

Carbazole

Concen: 2620.734 ng

RT: 11.680 min Scan# 1631

Delta R.T. 0.124 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

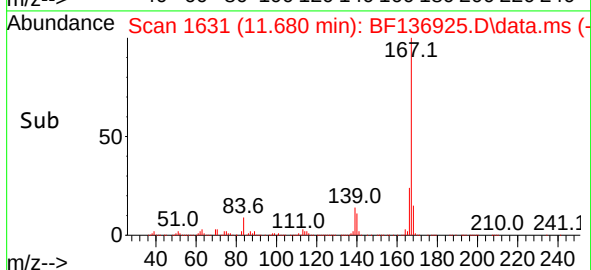
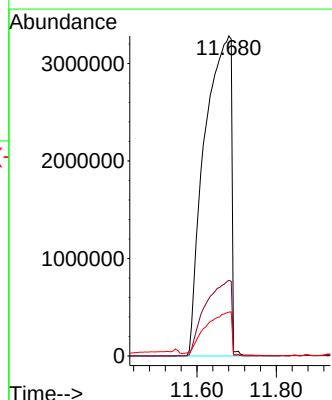
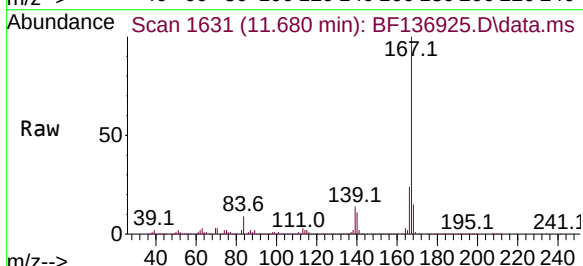
Tgt Ion:167 Resp:15308838

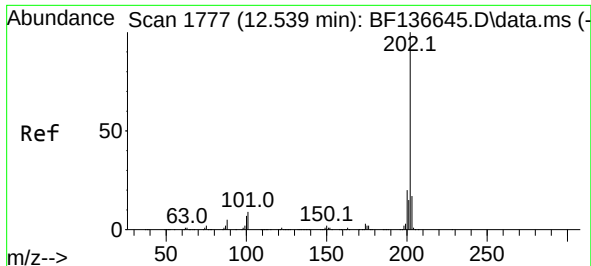
Ion Ratio Lower Upper

167 100

166 23.7 17.3 25.9

139 13.7 9.8 14.6

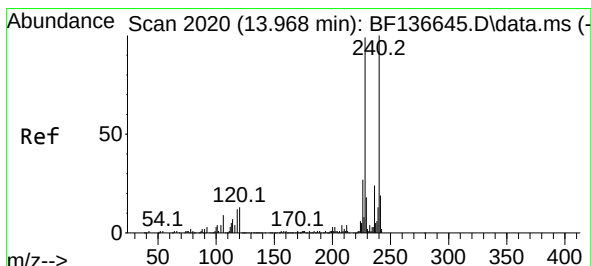
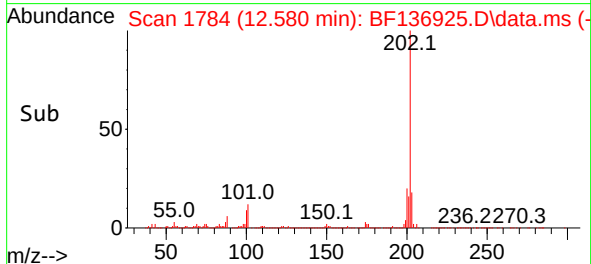
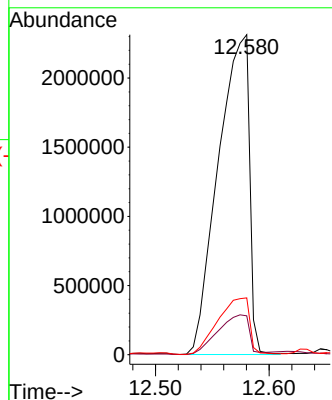
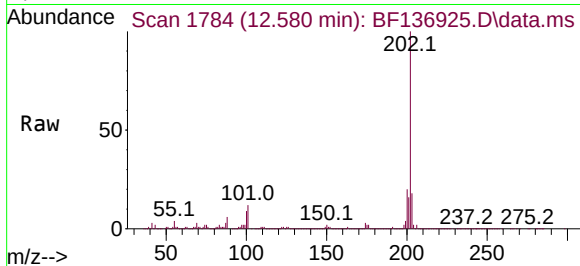




#75
Fluoranthene
Concen: 671.589 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

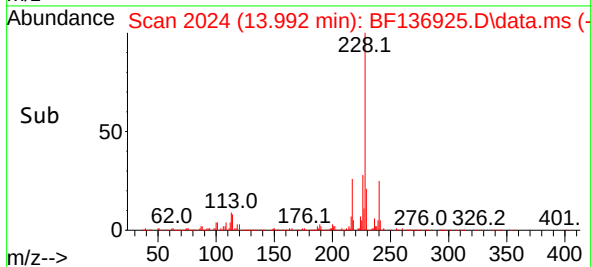
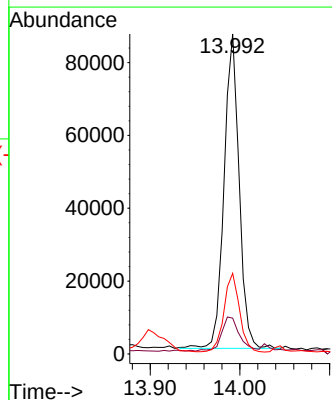
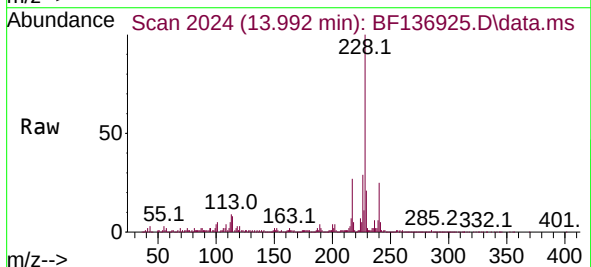
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

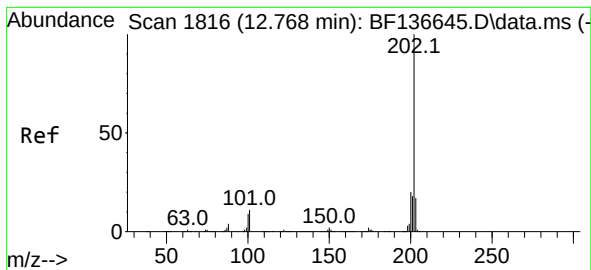
Tgt Ion:202 Resp: 4394850
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.3
203 17.8 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.024 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

Tgt Ion:240 Resp: 100637
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 25.2 19.4 29.2





#78

Pyrene

Concen: 337.082 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.035 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

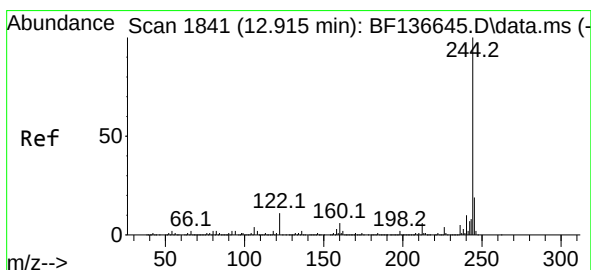
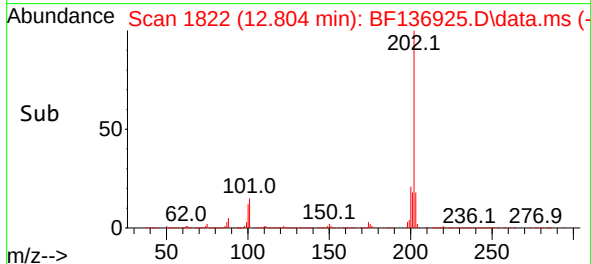
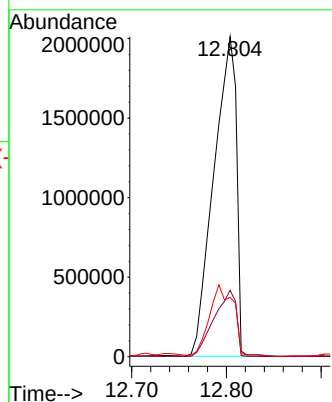
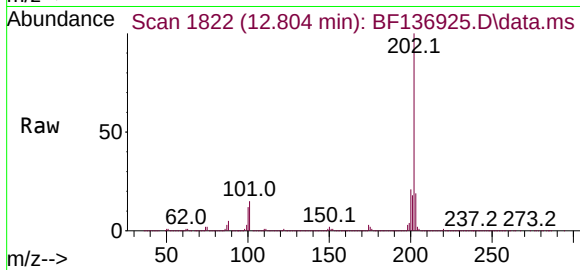
Tgt Ion:202 Resp: 3330100

Ion Ratio Lower Upper

202 100

200 20.8 15.9 23.9

203 18.6 13.8 20.6



#79

Terphenyl-d14

Concen: 65.716 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.006 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

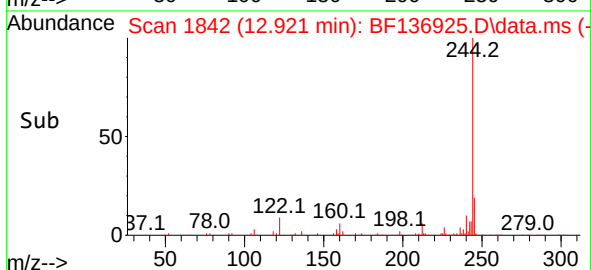
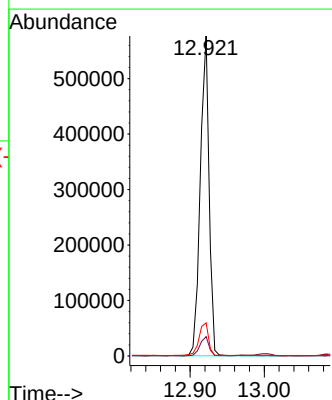
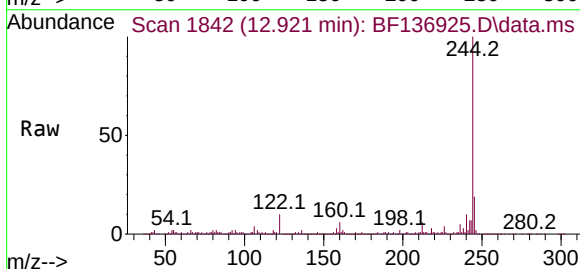
Tgt Ion:244 Resp: 473249

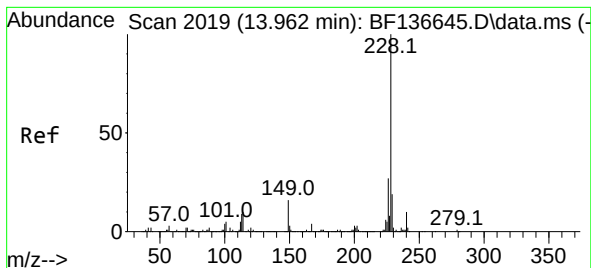
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.4 9.0 13.4





#81

Benzo(a)anthracene

Concen: 186.687 ng

RT: 13.980 min Scan# 2019

Delta R.T. 0.018 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

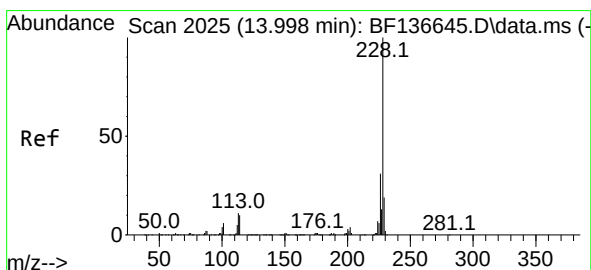
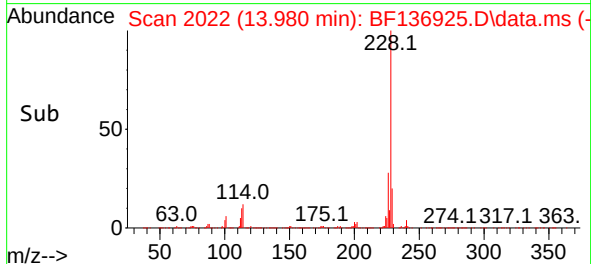
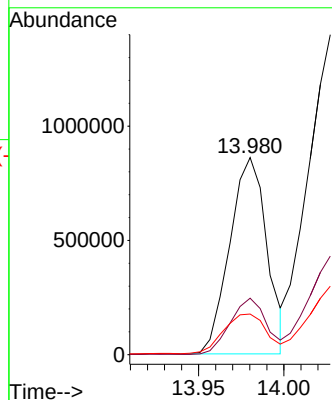
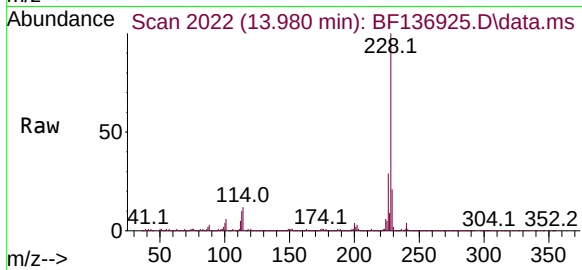
Tgt Ion:228 Resp: 1304588

Ion Ratio Lower Upper

228 100

226 28.6 21.4 32.0

229 20.6 14.9 22.3



#83

Chrysene

Concen: 289.253 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.029 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

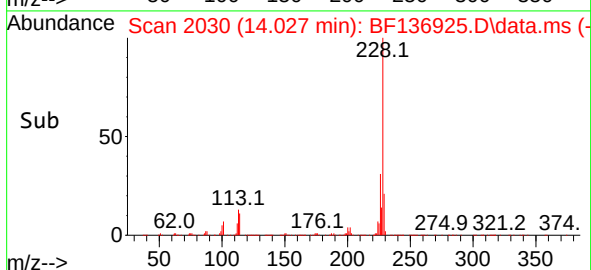
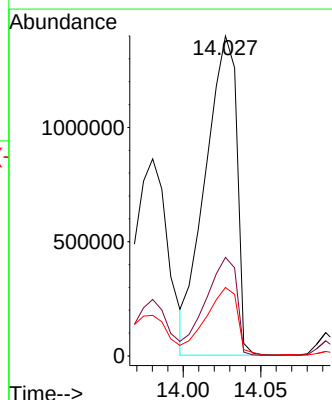
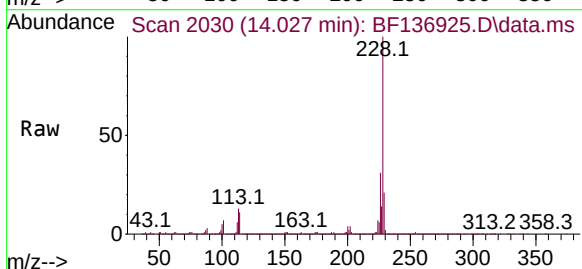
Tgt Ion:228 Resp: 1976657

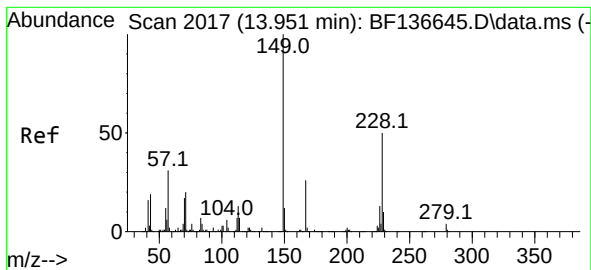
Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 21.4 15.4 23.0

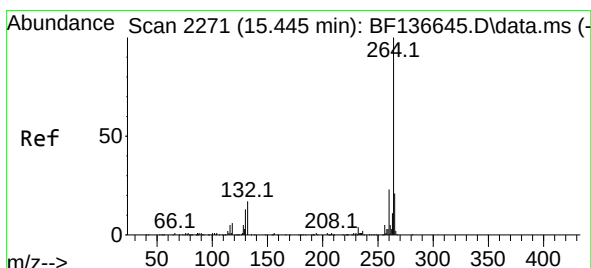
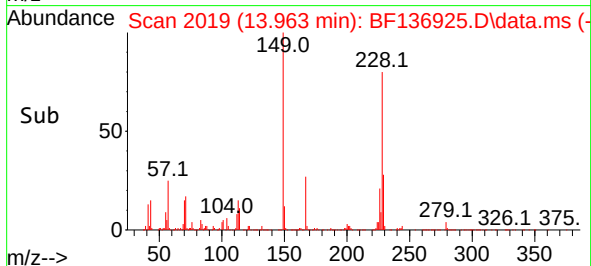
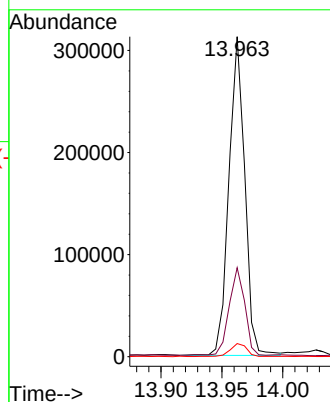
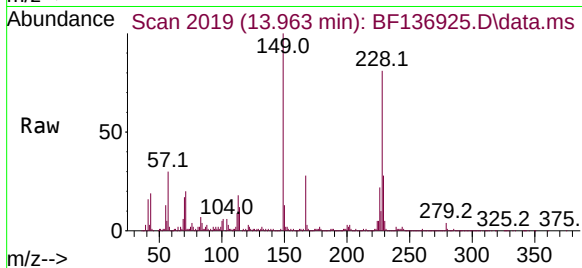




#84
Bis(2-ethylhexyl)phthalate
Concen: 62.624 ng
RT: 13.963 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

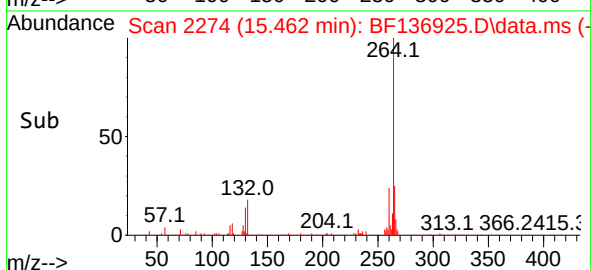
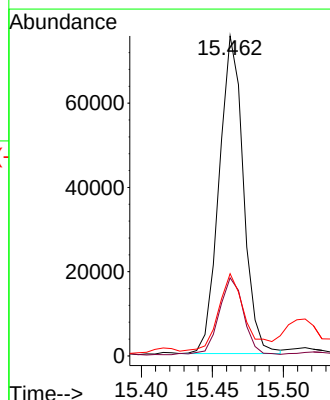
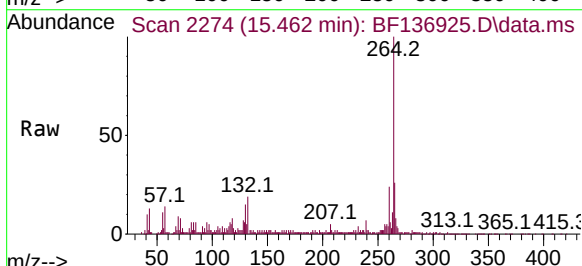
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4

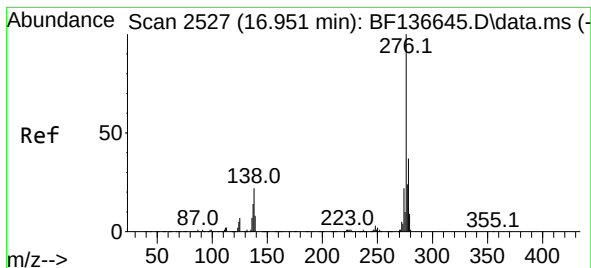
Tgt Ion:149 Resp: 283242
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.1 2.9 4.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.018 min
Lab File: BF136925.D
Acq: 04 Jan 2024 00:31

Tgt Ion:264 Resp: 89656
Ion Ratio Lower Upper
264 100
260 24.4 18.3 27.5
265 25.7 17.0 25.6#





#87

Indeno(1,2,3-cd)pyrene

Concen: 25.807 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

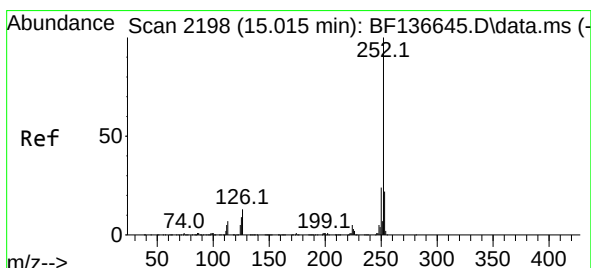
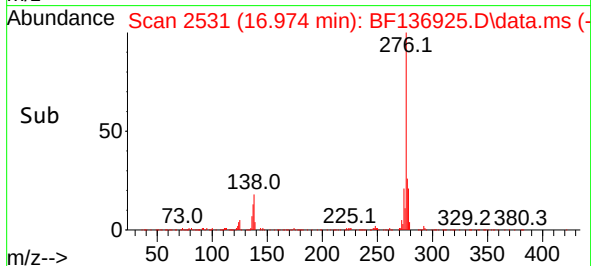
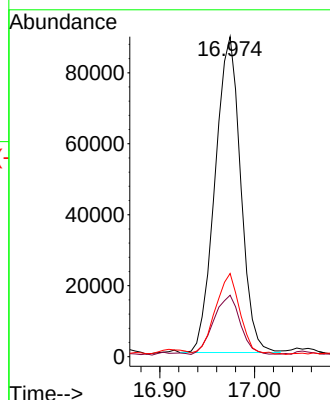
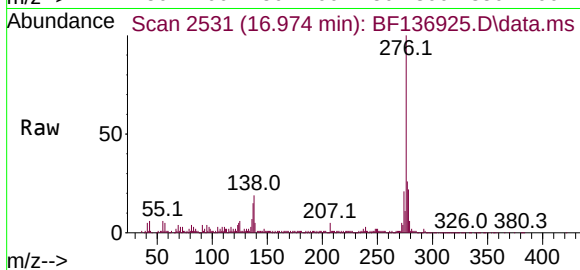
Tgt Ion:276 Resp: 167055

Ion Ratio Lower Upper

276 100

138 19.8 18.7 28.1

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 158.584 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.024 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

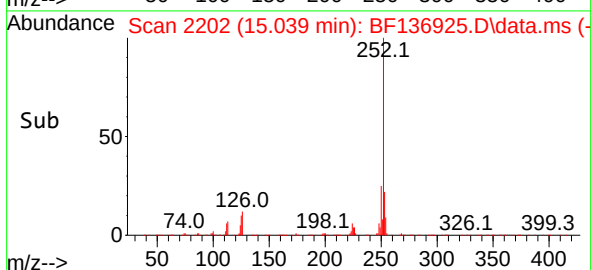
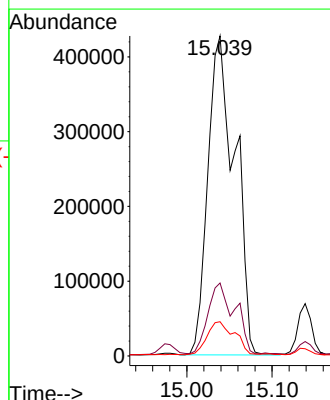
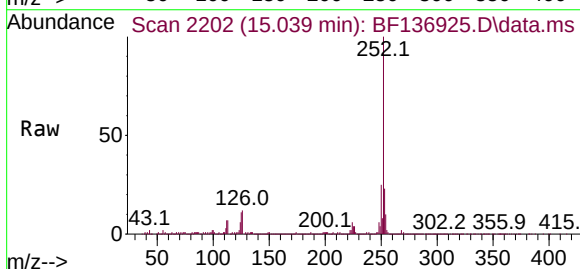
Tgt Ion:252 Resp: 949633

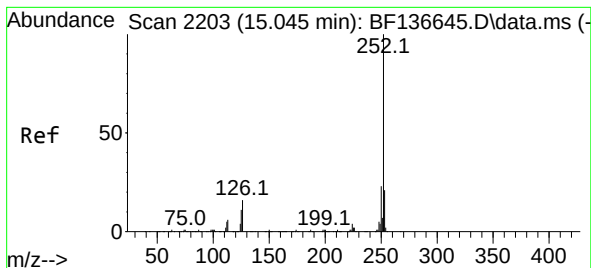
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 10.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 167.830 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

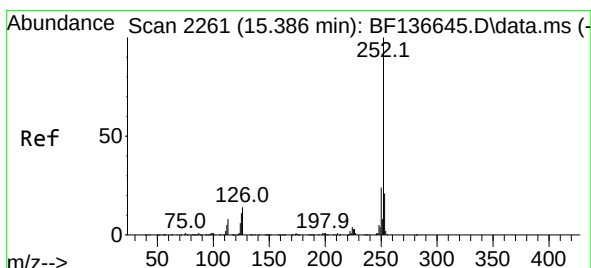
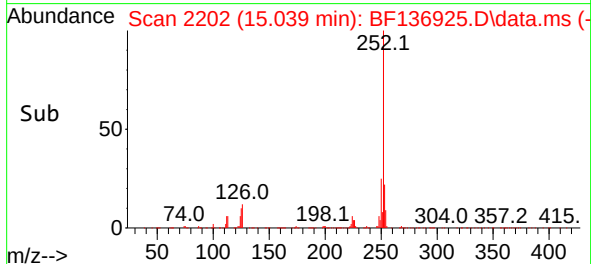
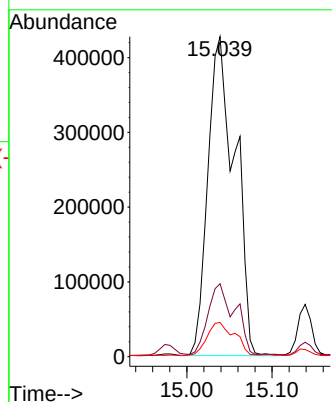
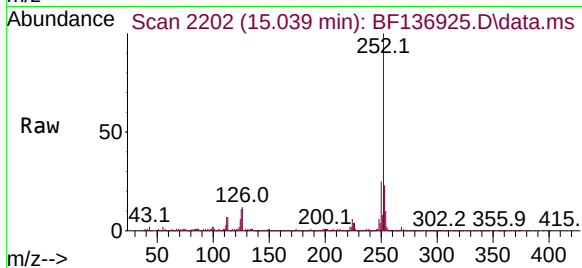
Tgt Ion:252 Resp: 949633

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 10.7 8.2 12.4



#90

Benzo(a)pyrene

Concen: 70.784 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

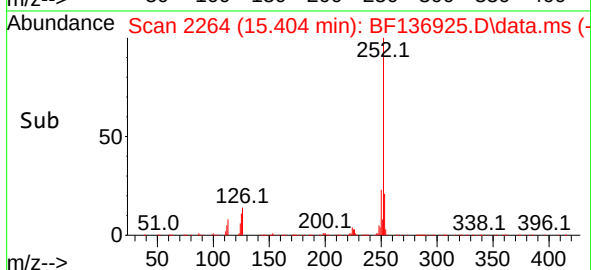
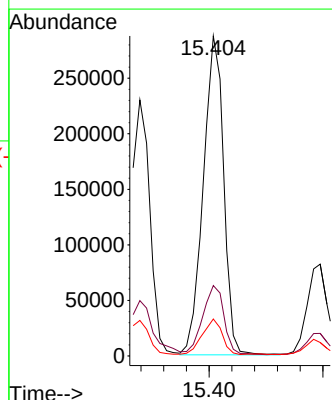
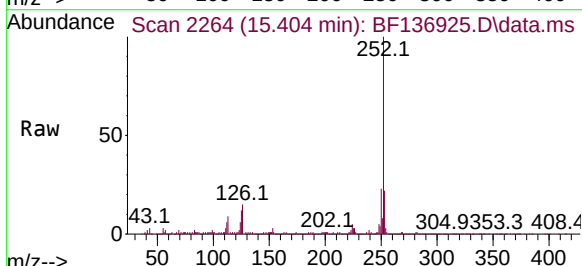
Tgt Ion:252 Resp: 357790

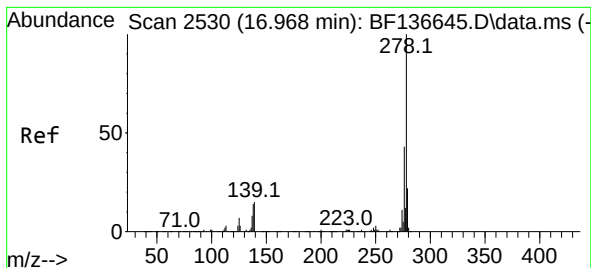
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 11.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 8.942 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4

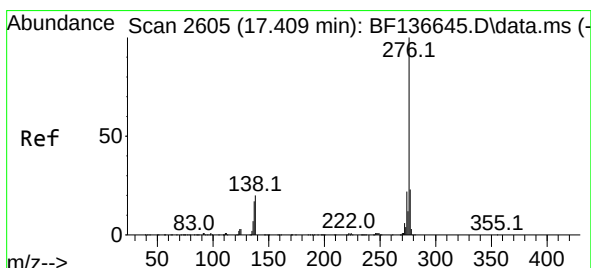
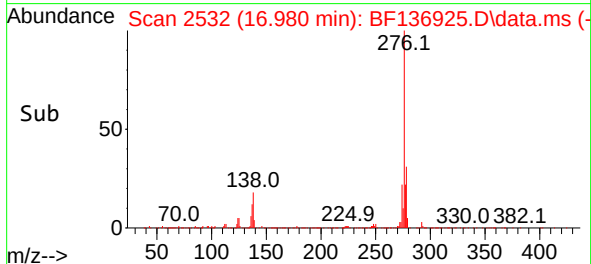
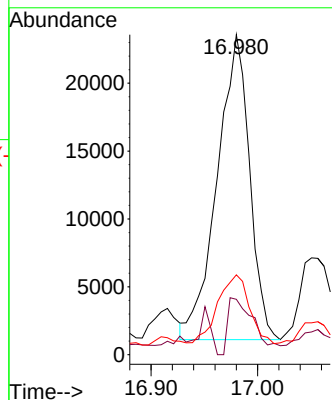
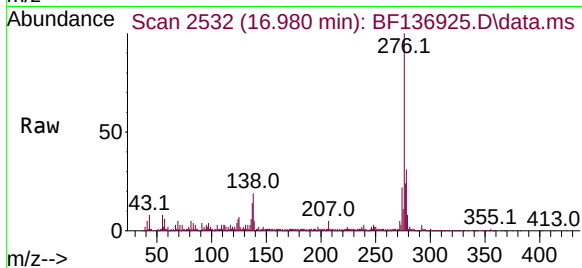
Tgt Ion:278 Resp: 47487

Ion Ratio Lower Upper

278 100

139 17.3 12.2 18.4

279 24.9 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 26.731 ng

RT: 17.433 min Scan# 2609

Delta R.T. 0.024 min

Lab File: BF136925.D

Acq: 04 Jan 2024 00:31

Tgt Ion:276 Resp: 145397

Ion Ratio Lower Upper

276 100

277 23.3 18.3 27.5

138 18.7 15.6 23.4

