

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136974.D
 Acq On : 05 Jan 2024 14:18
 Operator : CG\JU
 Sample : 05899-21DL2 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-0-2DL2

Quant Time: Jan 05 14:49:03 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)

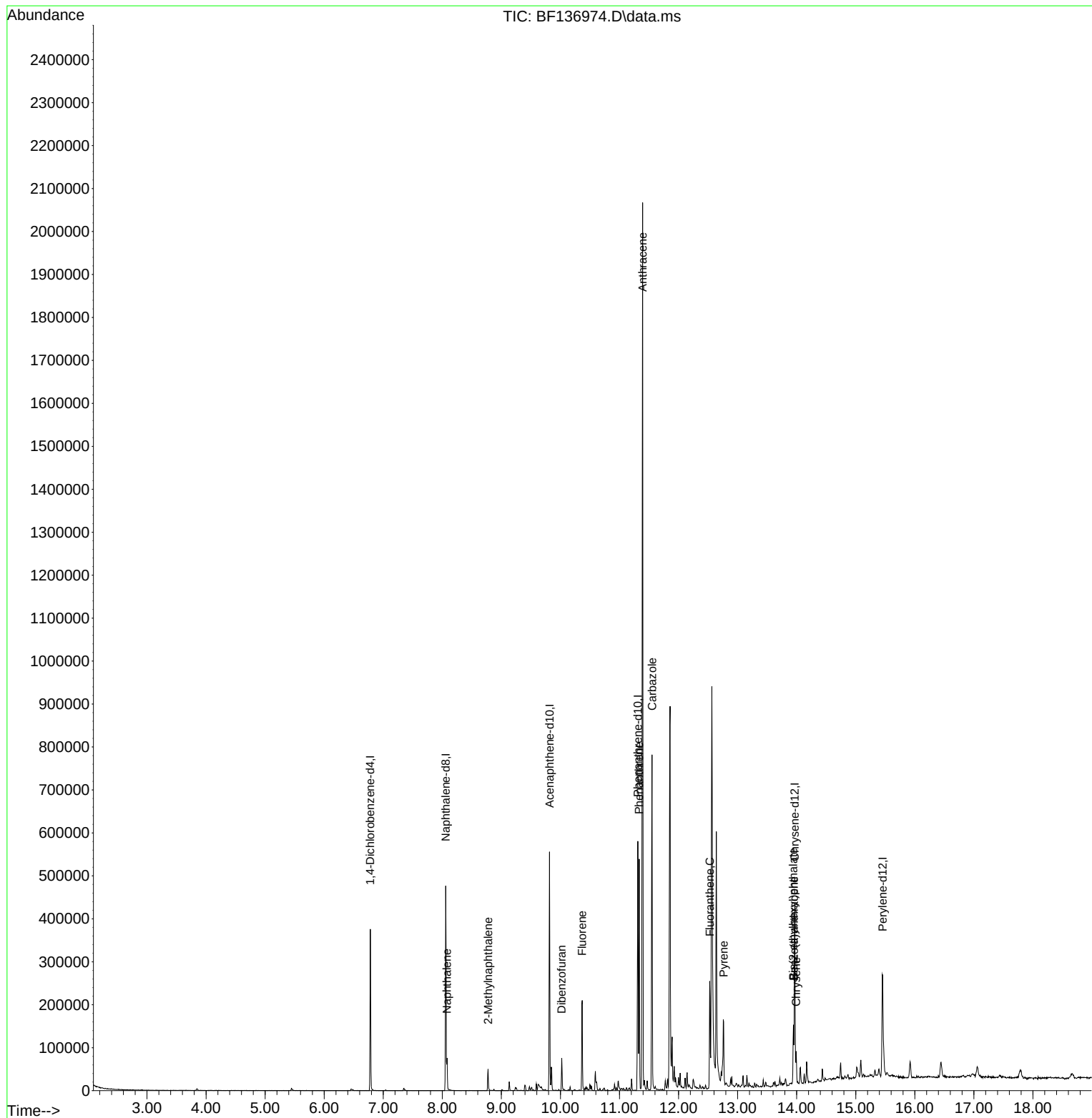
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	53688	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	202113	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	103934	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	197017	20.000	ng	0.00
76) Chrysene-d12	13.968	240	126142	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	121682	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	3228	0.938	ng	0.02
7) Phenol-d6	6.451	99	3857	0.865	ng	0.01
23) Nitrobenzene-d5	7.345	82	2771	0.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	1476	1.206	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	7027	0.909	ng	-0.02
79) Terphenyl-d14	12.904	244	8087	0.896	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.081	128	30019	2.704	ng	97
37) 2-Methylnaphthalene	8.775	142	14943	2.091	ng	99
55) Dibenzofuran	10.022	168	31120	3.268	ng	99
58) Fluorene	10.369	166	63635	8.422	ng	100
71) Phenanthrene	11.333	178	179937	17.800	ng	99
72) Anthracene	11.392	178	780268	76.215	ng	99
73) Carbazole	11.551	167	302564	31.346	ng	99
75) Fluoranthene	12.527	202	98925	9.149	ng	98
78) Pyrene	12.763	202	68081	5.498	ng	98
81) Benzo(a)anthracene	13.957	228	21091	2.408	ng	96
83) Chrysene	13.992	228	25358	2.960	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	33665	5.938	ng	# 97

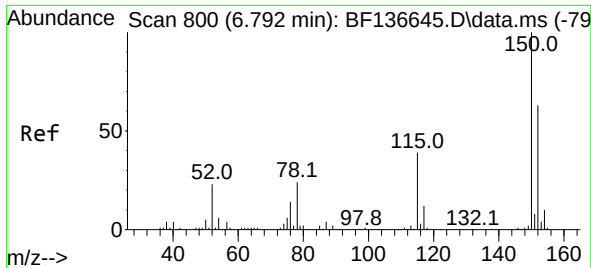
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
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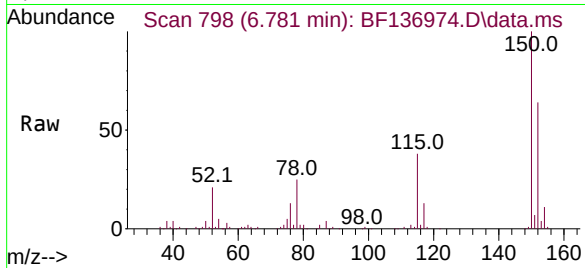
Quant Time: Jan 05 14:49:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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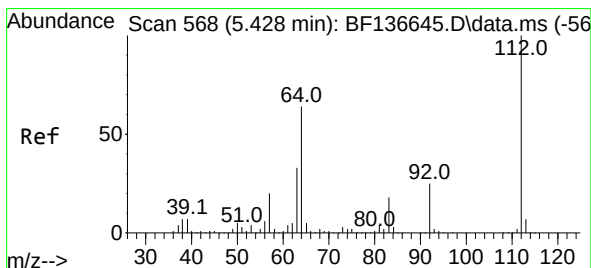
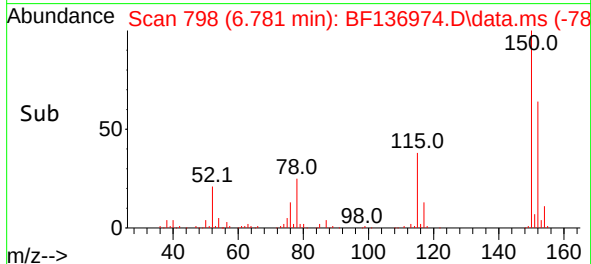
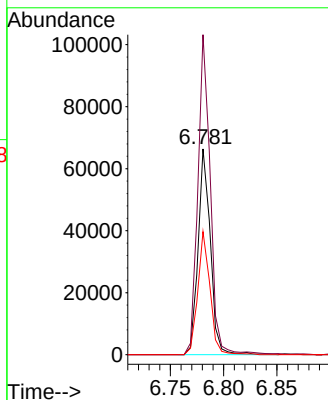


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-0-2DL2

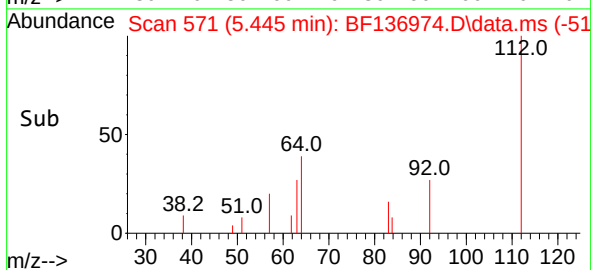
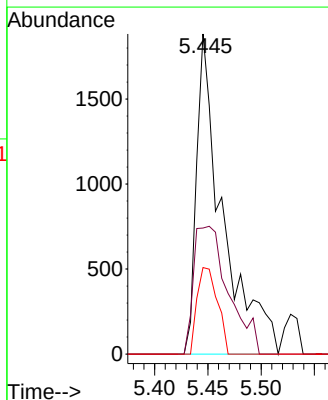
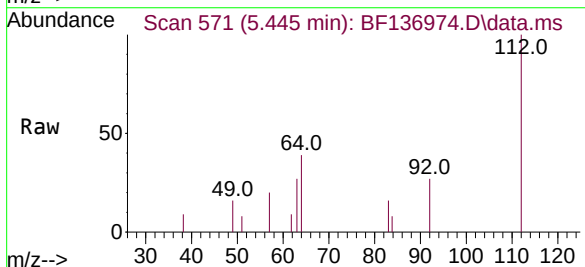


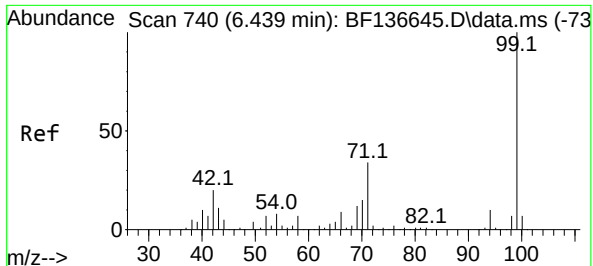
Tgt Ion:152 Resp: 53688
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.6
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 0.938 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

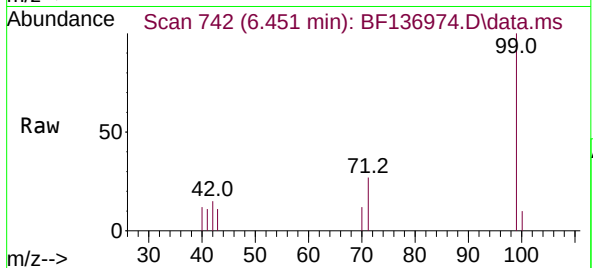
Tgt Ion:112 Resp: 3228
Ion Ratio Lower Upper
112 100
64 39.4 51.1 76.7#
63 27.0 26.1 39.1



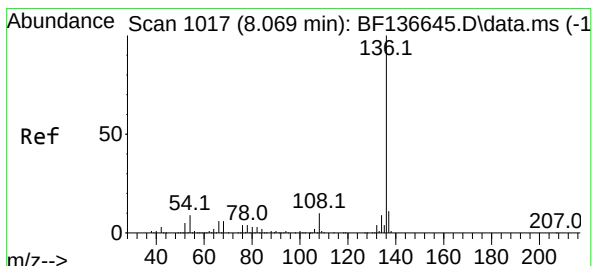
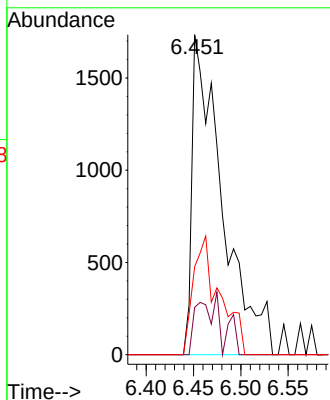
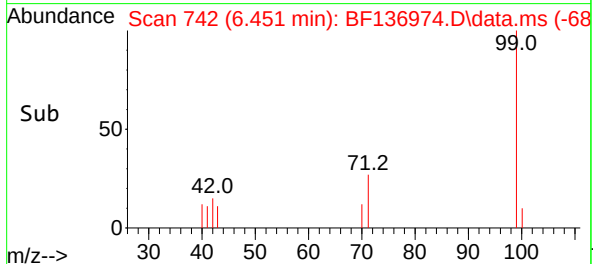


#7
Phenol-d6
Concen: 0.865 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

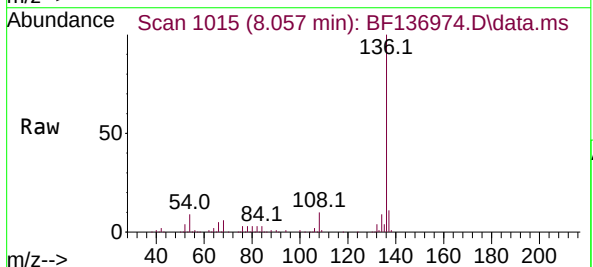
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-0-2DL2



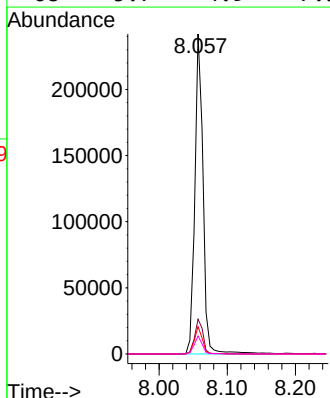
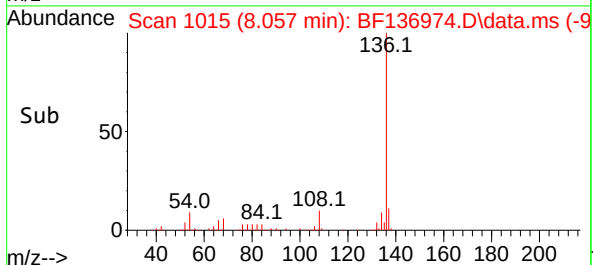
Tgt Ion: 99 Resp: 3857
Ion Ratio Lower Upper
99 100
42 14.8 16.1 24.1#
71 27.5 27.4 41.2

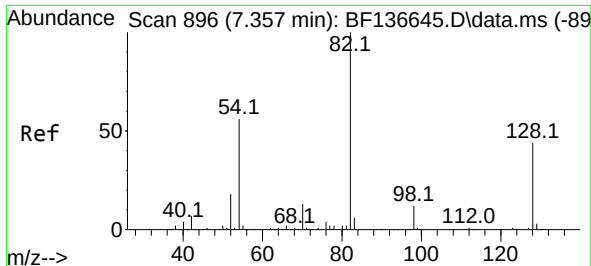


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18



Tgt Ion: 136 Resp: 202113
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.6 7.2 10.8
68 5.7 4.9 7.3

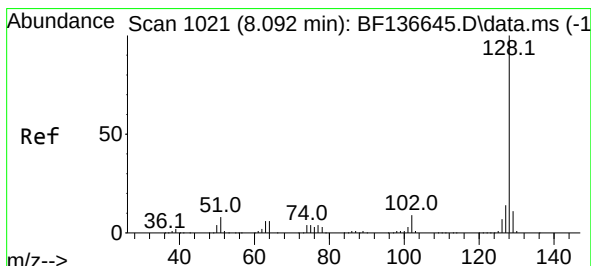
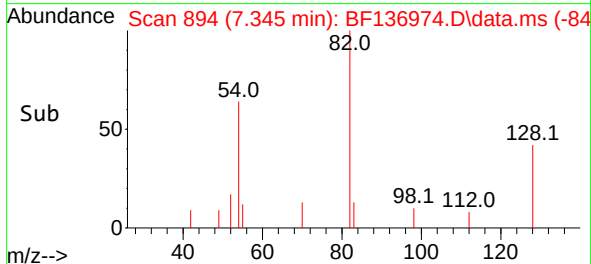
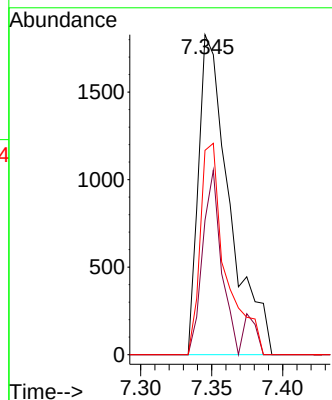
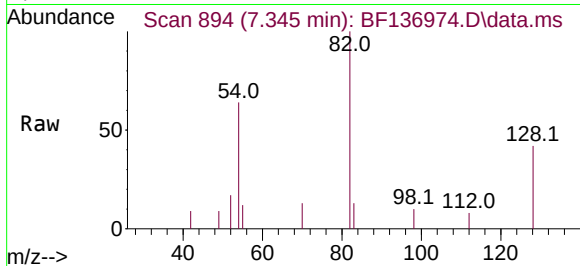




#23
Nitrobenzene-d5
Concen: 0.702 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

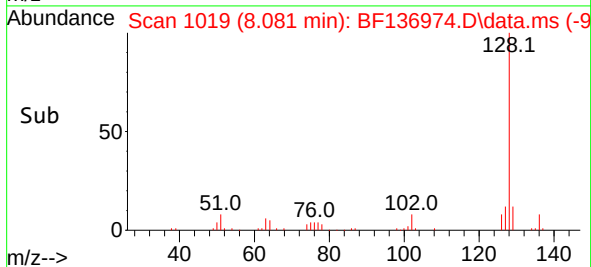
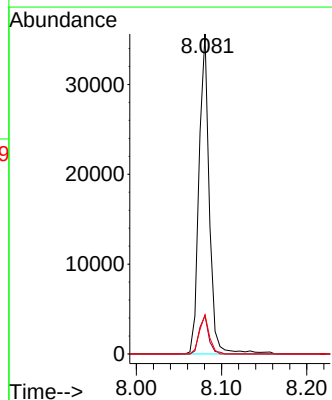
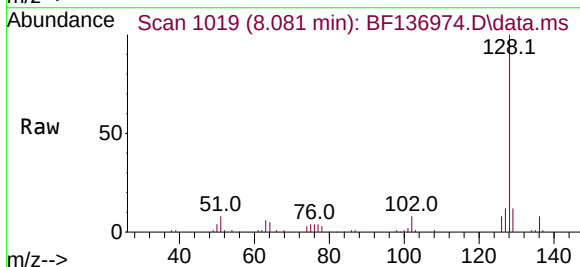
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-0-2DL2

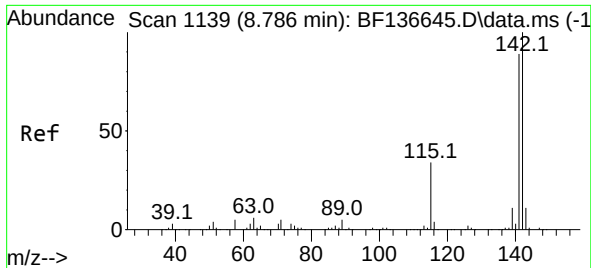
Tgt Ion: 82 Resp: 2771
Ion Ratio Lower Upper
82 100
128 42.0 35.3 52.9
54 63.8 44.5 66.7



#31
Naphthalene
Concen: 2.704 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

Tgt Ion: 128 Resp: 30019
Ion Ratio Lower Upper
128 100
129 12.0 8.7 13.1
127 12.3 10.8 16.2





#37

2-Methylnaphthalene

Concen: 2.091 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136974.D

Acq: 05 Jan 2024 14:18

Instrument :

BNA_F

ClientSampleId :

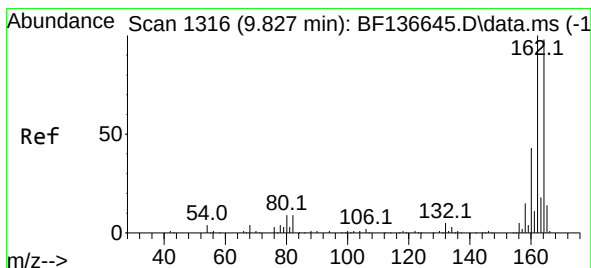
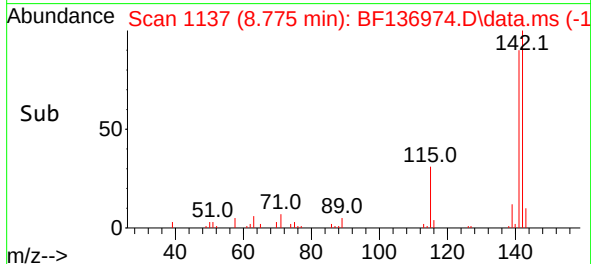
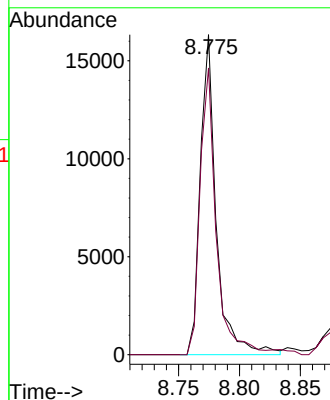
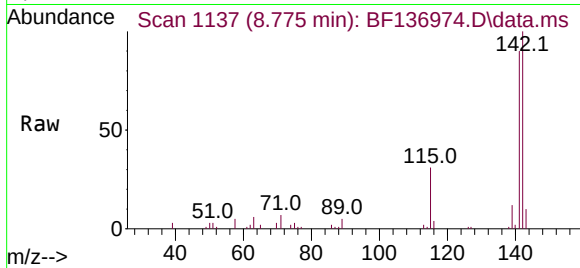
GHL-SS-18-0-2DL2

Tgt Ion:142 Resp: 14943

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136974.D

Acq: 05 Jan 2024 14:18

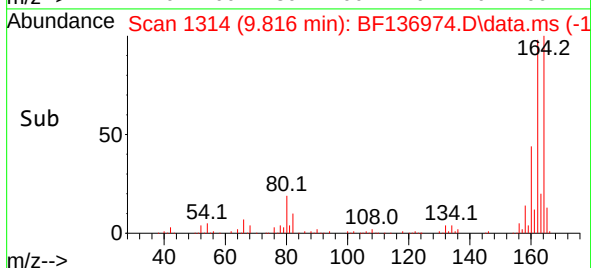
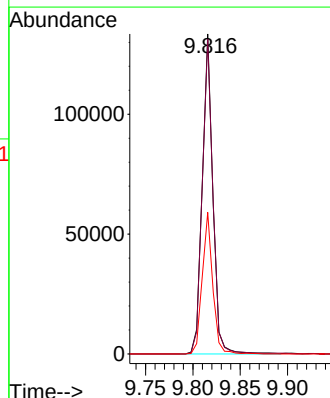
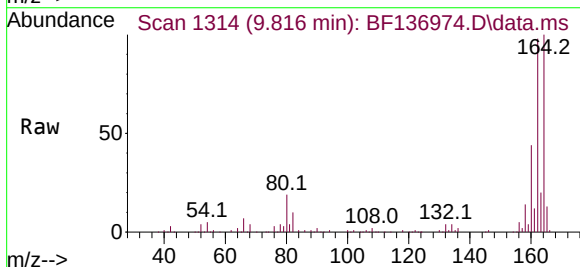
Tgt Ion:164 Resp: 103934

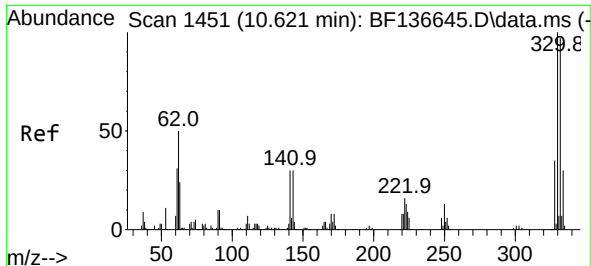
Ion Ratio Lower Upper

164 100

162 98.4 81.6 122.4

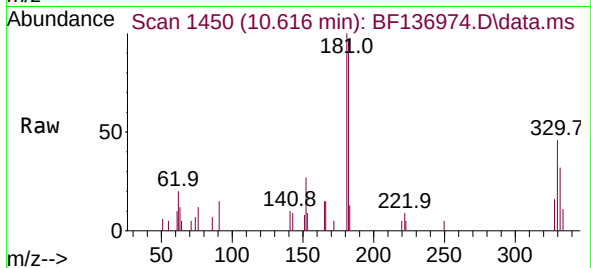
160 44.2 34.9 52.3



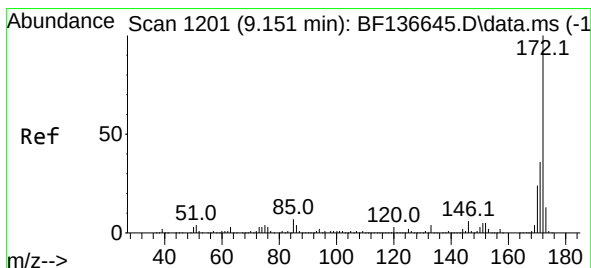
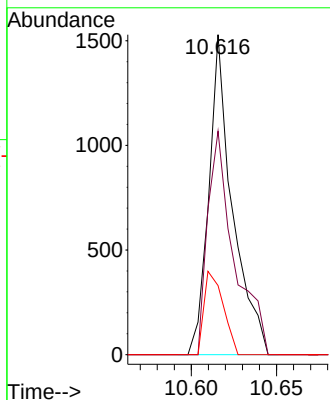
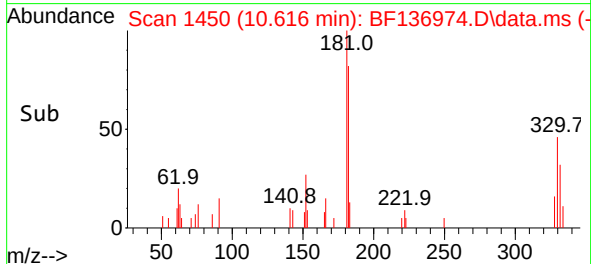


#42
2,4,6-Tribromophenol
Concen: 1.206 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-0-2DL2

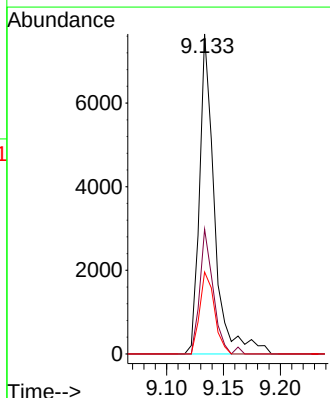
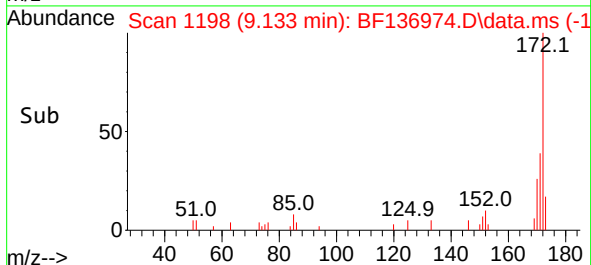
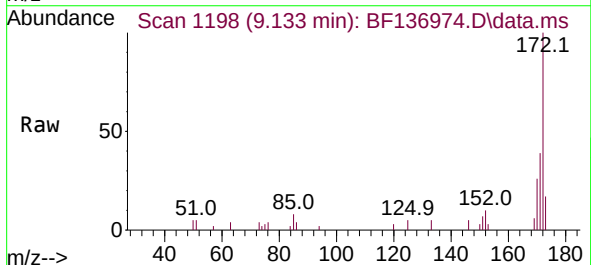


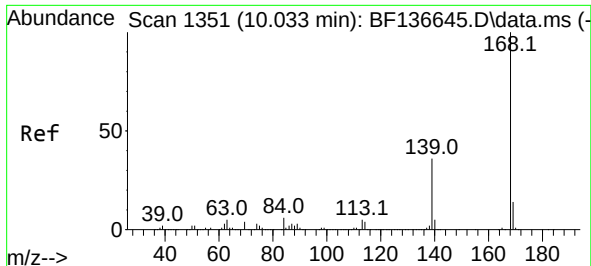
Tgt Ion: 330 Resp: 1476
Ion Ratio Lower Upper
330 100
332 78.0 77.4 116.0
141 21.0 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 0.909 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

Tgt Ion: 172 Resp: 7027
Ion Ratio Lower Upper
172 100
171 39.0 29.0 43.6
170 25.6 19.0 28.4

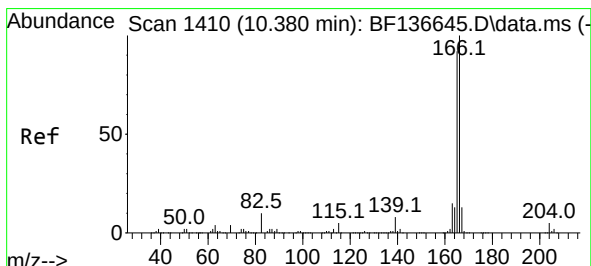
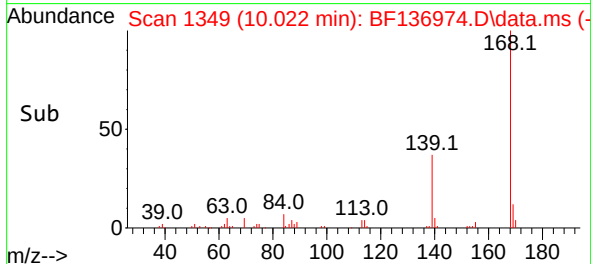
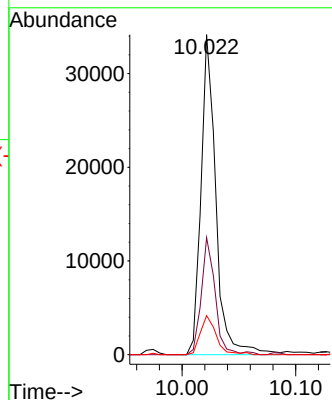
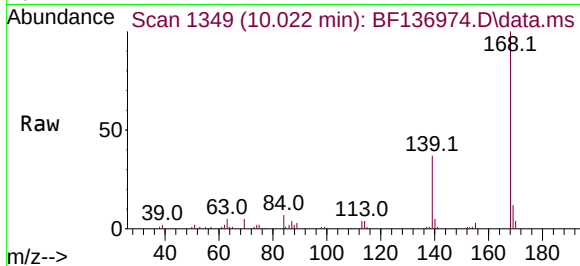




#55
Dibenzenofuran
Concen: 3.268 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

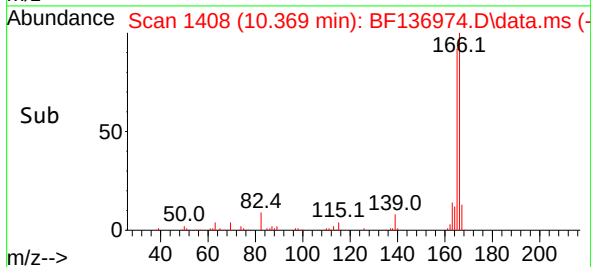
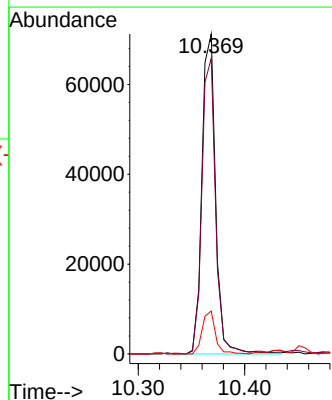
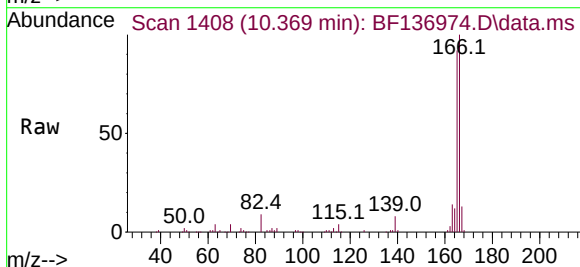
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BNA_F
ClientSampleId :
GHL-SS-18-0-2DL2

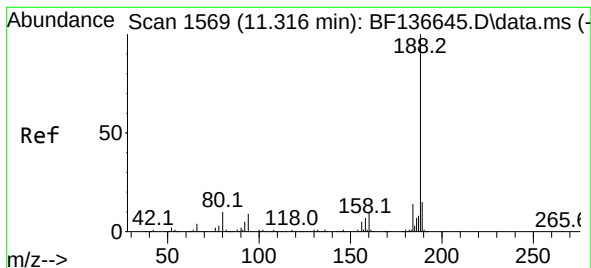
Tgt Ion:168 Resp: 31120
Ion Ratio Lower Upper
168 100
139 36.6 29.3 43.9
169 12.2 11.0 16.4



#58
Fluorene
Concen: 8.422 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

Tgt Ion:166 Resp: 63635
Ion Ratio Lower Upper
166 100
165 92.3 73.7 110.5
167 13.4 10.4 15.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF136974.D

Acq: 05 Jan 2024 14:18

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-0-2DL2

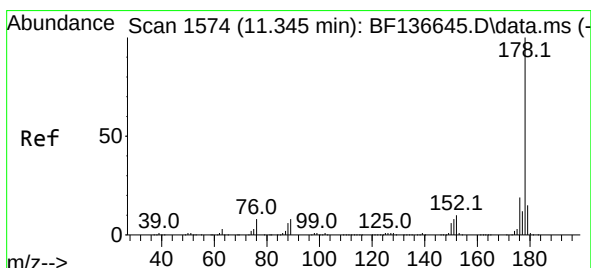
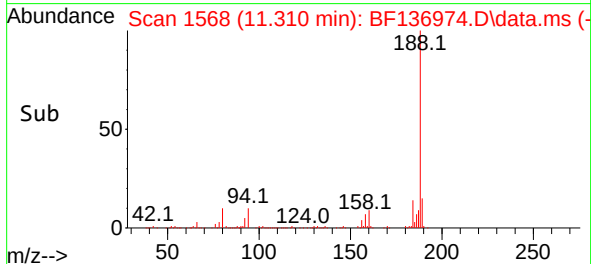
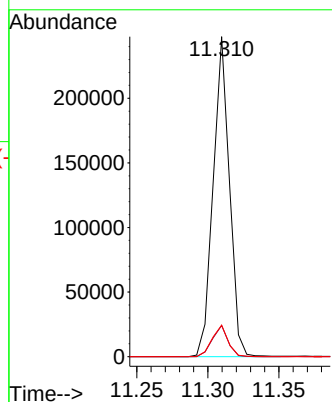
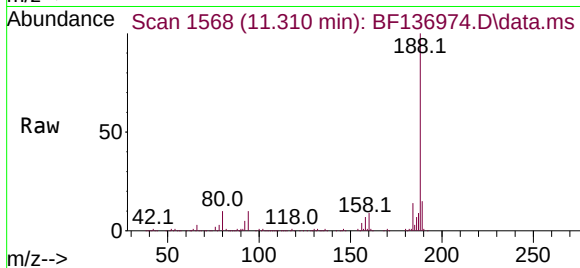
Tgt Ion:188 Resp: 197017

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 9.8 8.1 12.1



#71

Phenanthrene

Concen: 17.800 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136974.D

Acq: 05 Jan 2024 14:18

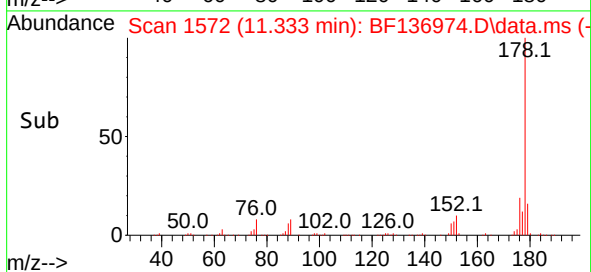
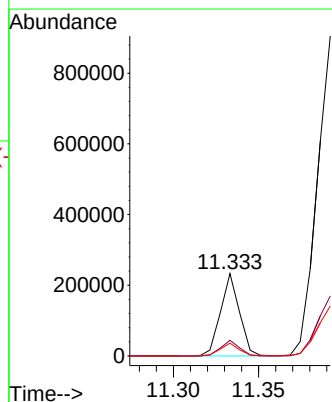
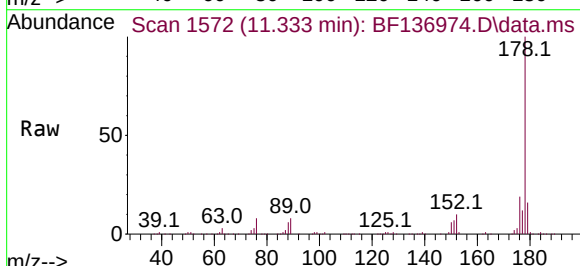
Tgt Ion:178 Resp: 179937

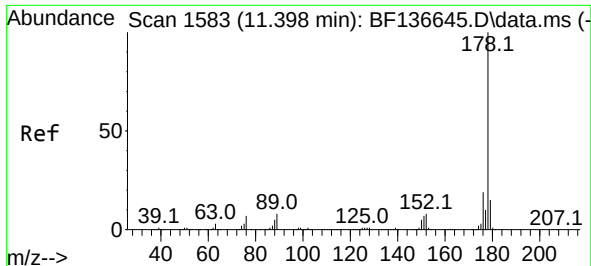
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.6 11.9 17.9

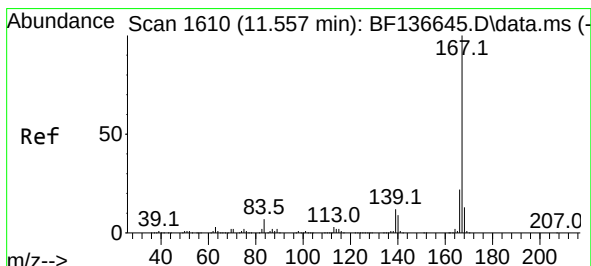
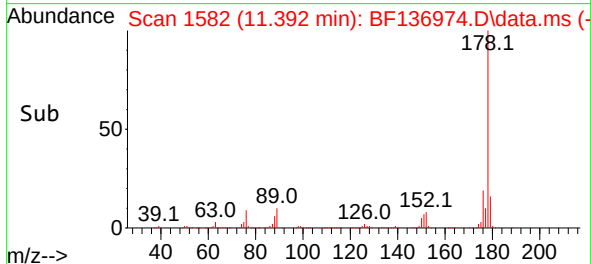
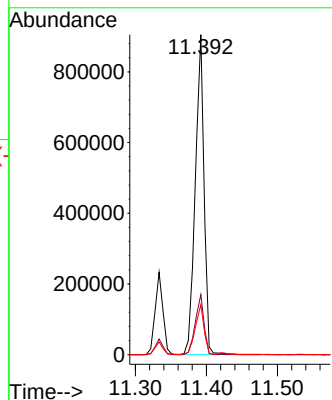
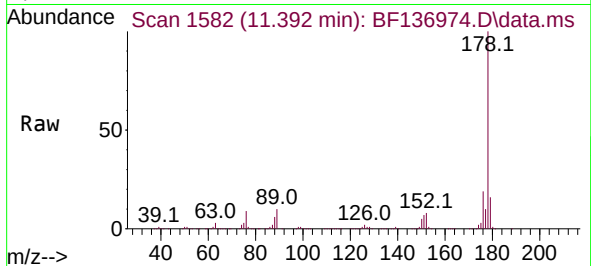




#72
 Anthracene
 Concen: 76.215 ng
 RT: 11.392 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136974.D
 Acq: 05 Jan 2024 14:18

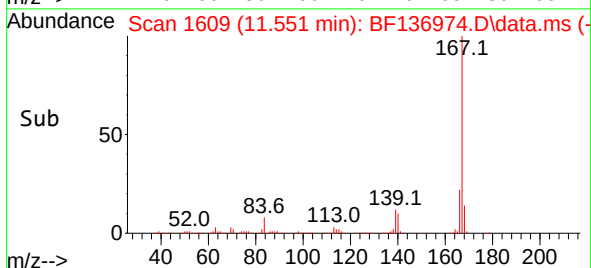
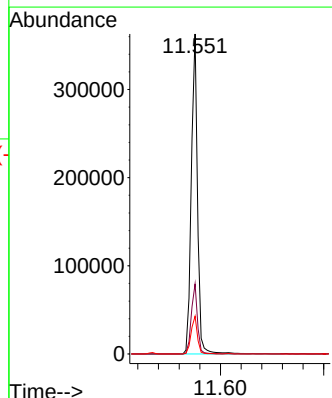
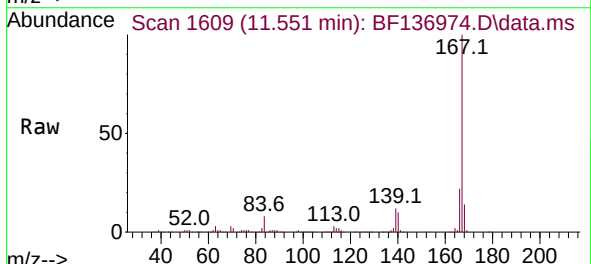
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-0-2DL2

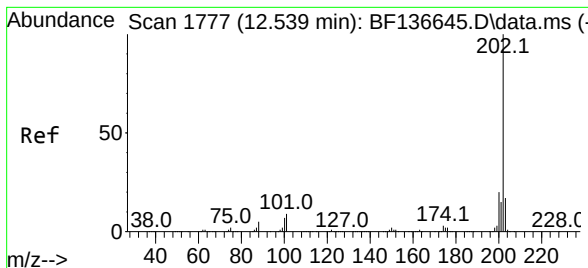
Tgt Ion:178 Resp: 780268
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.6 11.8 17.6



#73
 Carbazole
 Concen: 31.346 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136974.D
 Acq: 05 Jan 2024 14:18

Tgt Ion:167 Resp: 302564
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 11.8 9.8 14.6





#75

Fluoranthene

Concen: 9.149 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136974.D

Acq: 05 Jan 2024 14:18

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-0-2DL2

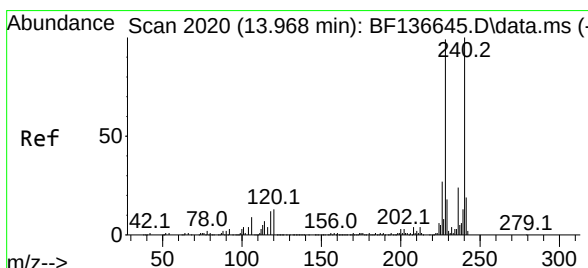
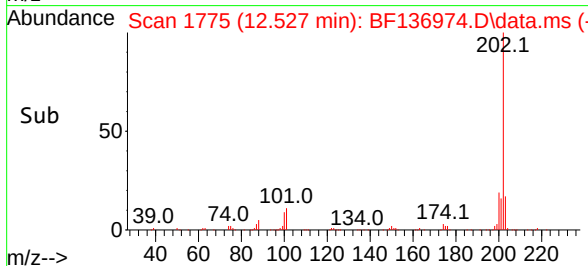
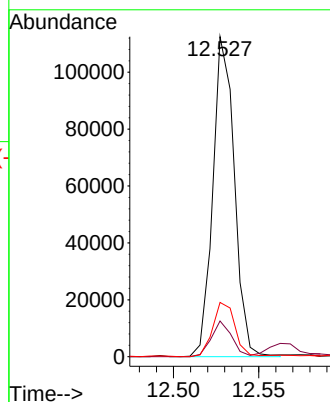
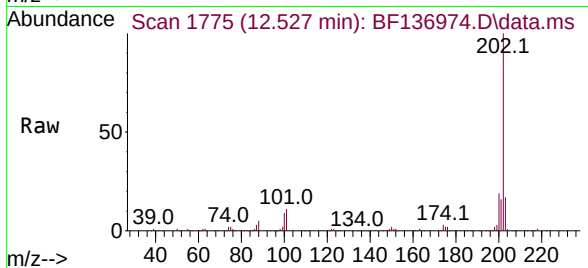
Tgt Ion:202 Resp: 98925

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.3

203 16.9 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136974.D

Acq: 05 Jan 2024 14:18

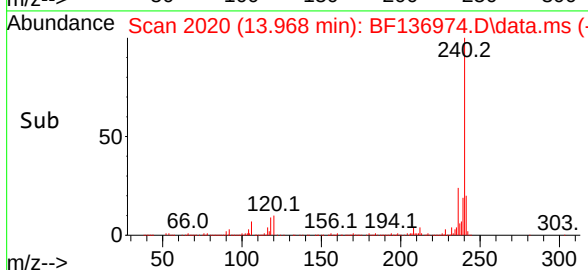
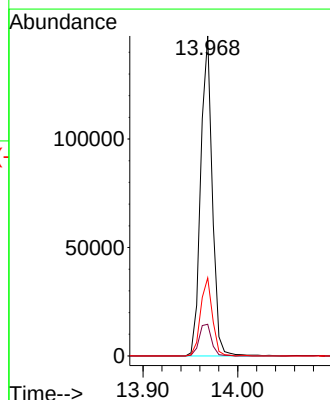
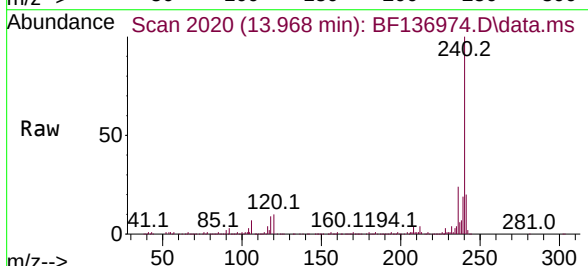
Tgt Ion:240 Resp: 126142

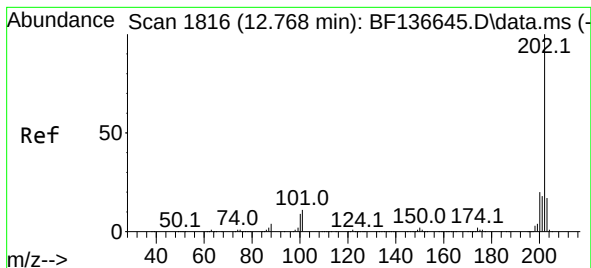
Ion Ratio Lower Upper

240 100

120 9.9 10.3 15.5#

236 24.4 19.4 29.2





#78

Pyrene

Concen: 5.498 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136974.D

Acq: 05 Jan 2024 14:18

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-0-2DL2

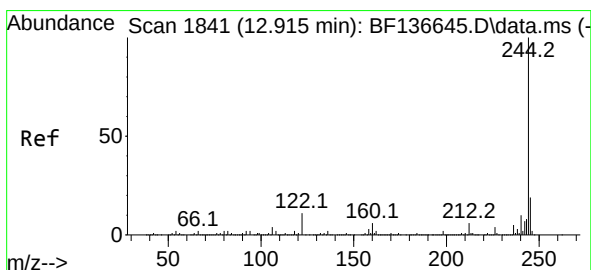
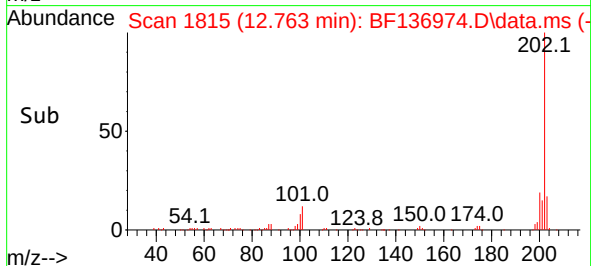
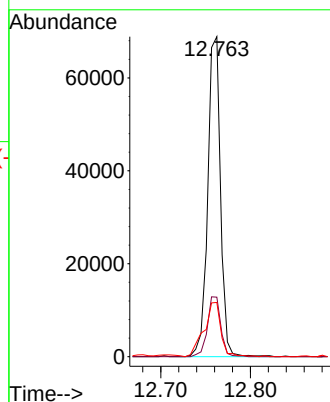
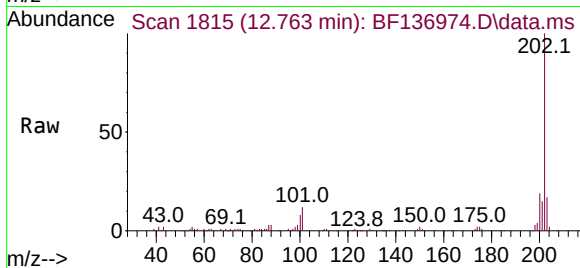
Tgt Ion:202 Resp: 68081

Ion Ratio Lower Upper

202 100

200 18.6 15.9 23.9

203 17.0 13.8 20.6



#79

Terphenyl-d14

Concen: 0.896 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136974.D

Acq: 05 Jan 2024 14:18

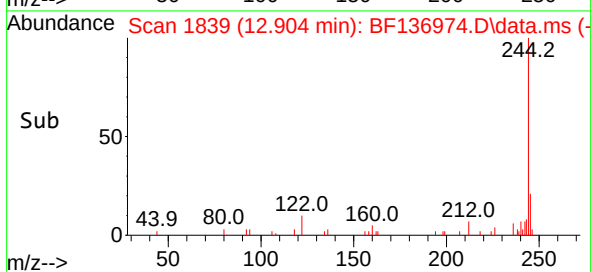
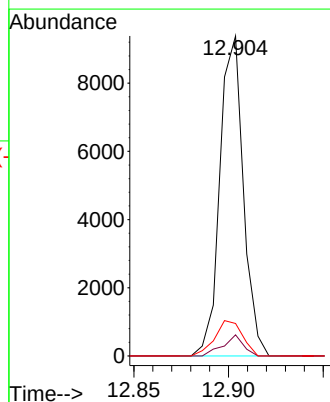
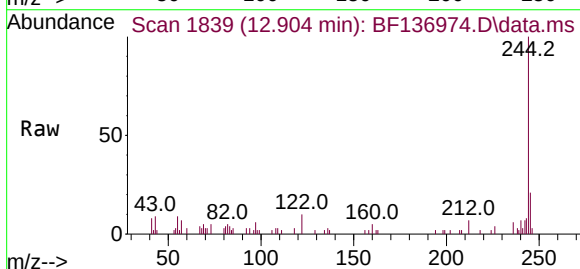
Tgt Ion:244 Resp: 8087

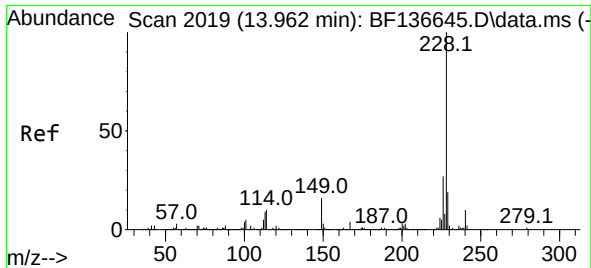
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 10.1 9.0 13.4

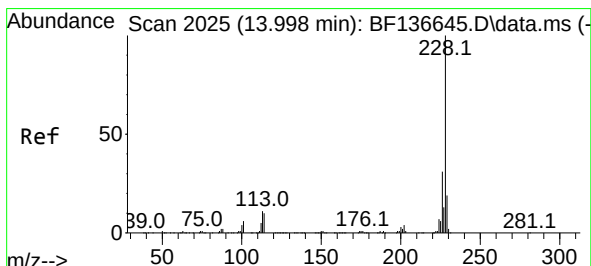
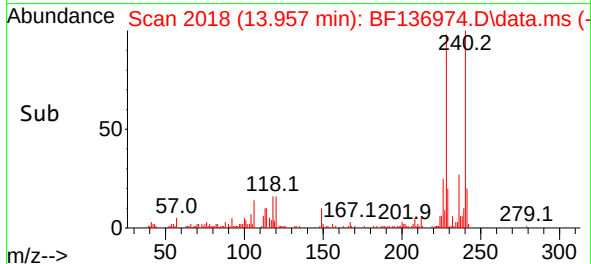
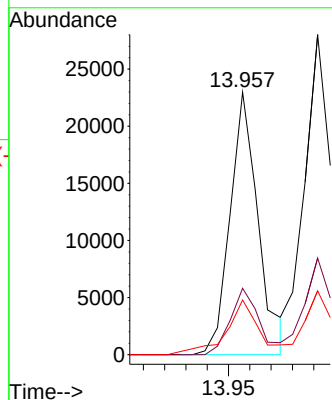
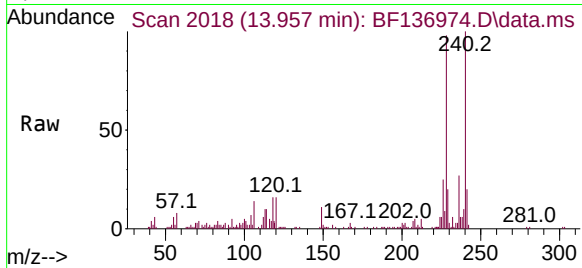




#81
Benzo(a)anthracene
Concen: 2.408 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

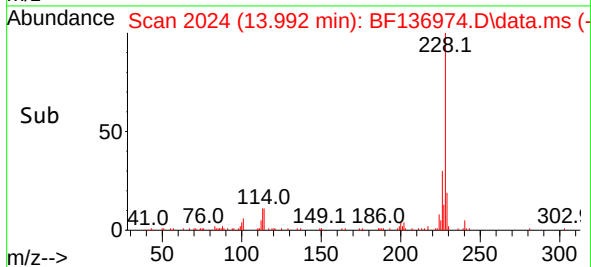
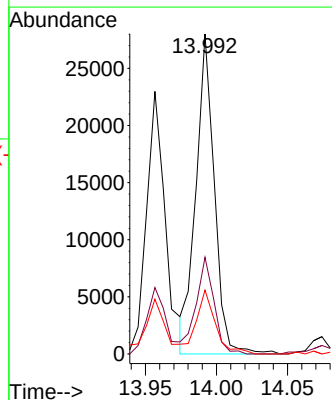
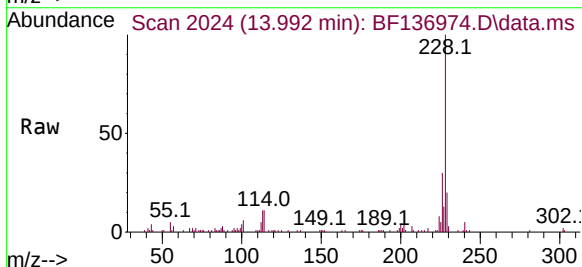
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-0-2DL2

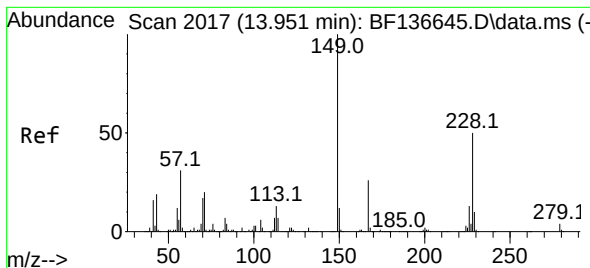
Tgt Ion:228 Resp: 21091
Ion Ratio Lower Upper
228 100
226 25.3 21.4 32.0
229 20.9 14.9 22.3



#83
Chrysene
Concen: 2.960 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF136974.D
Acq: 05 Jan 2024 14:18

Tgt Ion:228 Resp: 25358
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 19.9 15.4 23.0

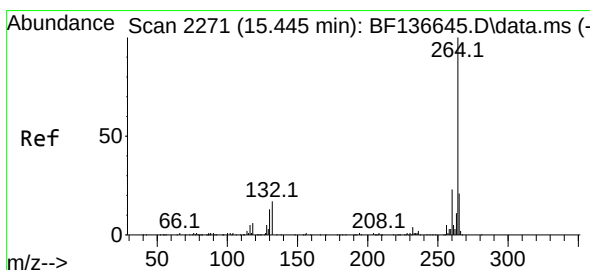
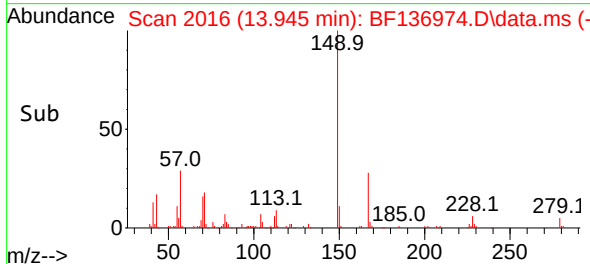
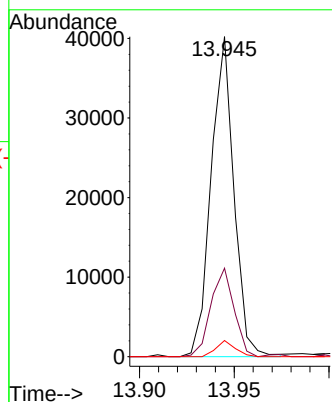
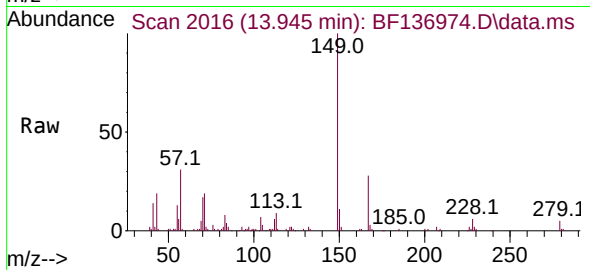




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.938 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF136974.D
 Acq: 05 Jan 2024 14:18

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-0-2DL2

Tgt Ion:149 Resp: 33665
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.9 31.3
 279 5.1 2.9 4.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. 0.012 min
 Lab File: BF136974.D
 Acq: 05 Jan 2024 14:18

Tgt Ion:264 Resp: 121682
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 20.6 17.0 25.6

