

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136985.D
 Acq On : 05 Jan 2024 20:03
 Operator : CG\JU
 Sample : 05899-22DL3 500X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-2-4DL3

Quant Time: Jan 05 22:52:46 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)

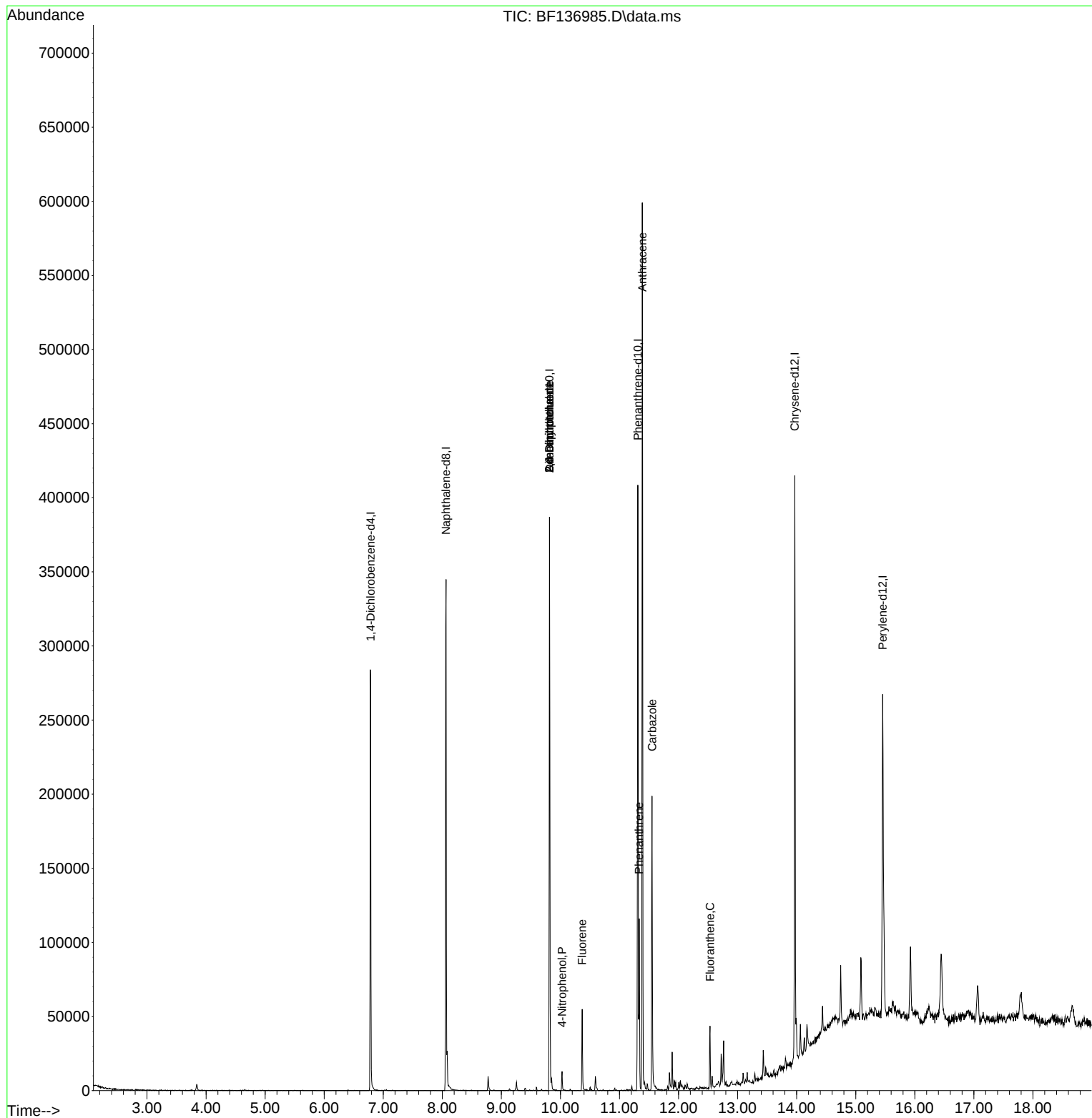
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	47114	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	168224	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	75708	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	142591	20.000	ng	0.00
76) Chrysene-d12	13.968	240	126585	20.000	ng	0.00
86) Perylene-d12	15.457	264	102826	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	6.510	99	80	0.020	ng	0.07
23) Nitrobenzene-d5	7.351	82	123	0.037	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.139	172	838	0.149	ng	-0.01
79) Terphenyl-d14	12.904	244	1272	0.140	ng	-0.01
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.816	163	13627	2.464	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	10188	8.118	ng	# 29
56) 4-Nitrophenol	10.028	139	1985	2.212	ng	# 7
57) 2,4-Dinitrotoluene	9.816	165	10188	6.253	ng	# 21
58) Fluorene	10.369	166	14784	2.686	ng	99
71) Phenanthrene	11.333	178	38531	5.266	ng	98
72) Anthracene	11.386	178	228328	30.815	ng	98
73) Carbazole	11.551	167	88387	12.652	ng	97
75) Fluoranthene	12.533	202	18013	2.302	ng	94

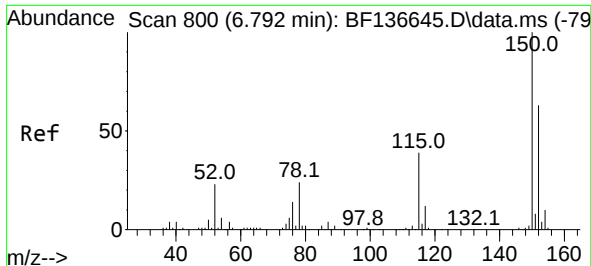
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
Data File : BF136985.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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GHL-SS-18-2-4DL3

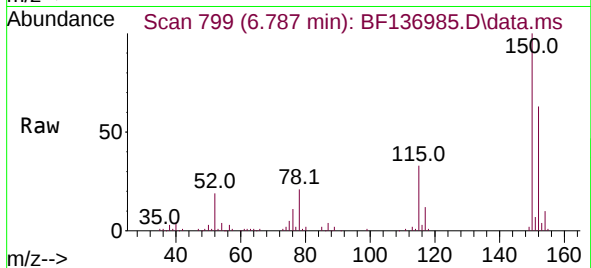
Quant Time: Jan 05 22:52:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



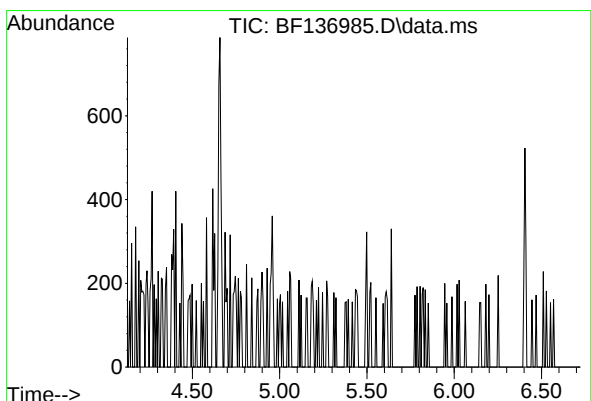
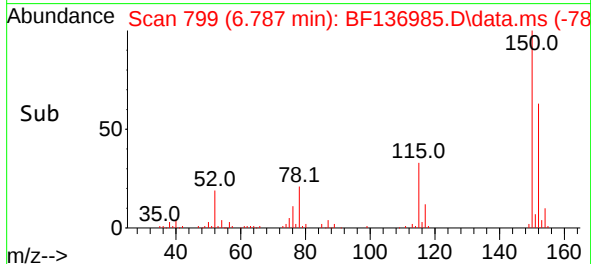
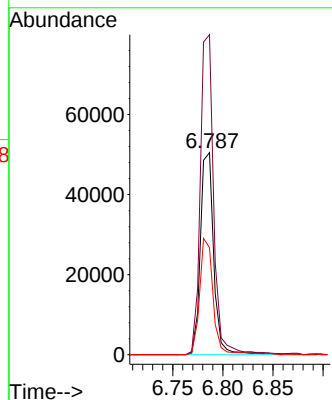


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136985.D
 Acq: 05 Jan 2024 20:03

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-2-4DL3



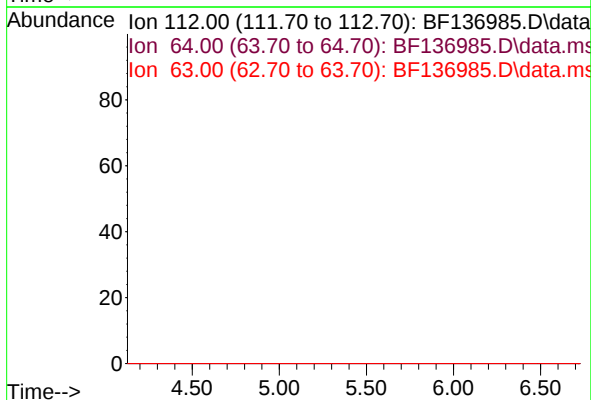
Tgt Ion:152 Resp: 47114
 Ion Ratio Lower Upper
 152 100
 150 158.4 127.0 190.6
 115 52.9 49.0 73.4



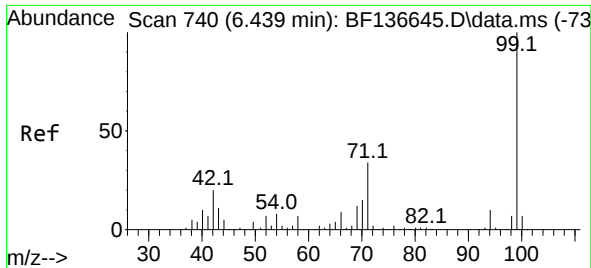
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.43 min

Lab File: BF136985.D
 Acq: 05 Jan 2024 20:03

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 63.9
 63 32.6



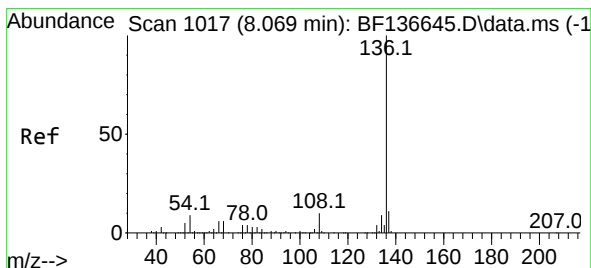
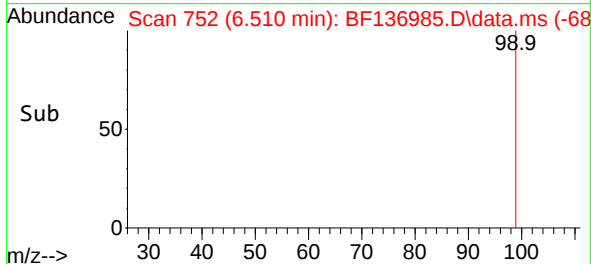
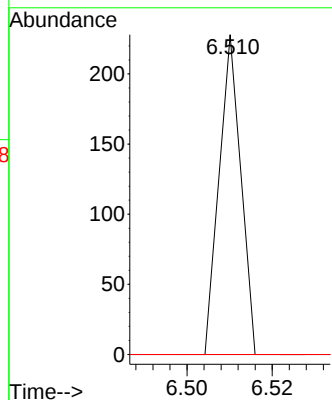
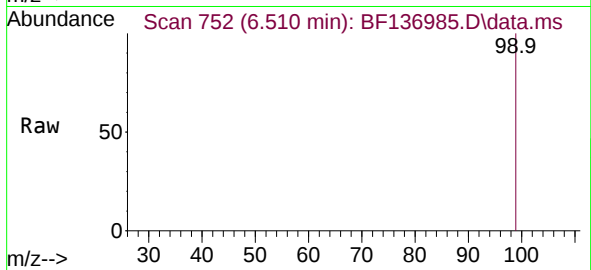
Ion 64.00 (63.70 to 64.70): BF136985.D\data.ms
 Ion 63.00 (62.70 to 63.70): BF136985.D\data.ms



#7
Phenol-d6
Concen: 0.020 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.071 min
Lab File: BF136985.D
Acq: 05 Jan 2024 20:03

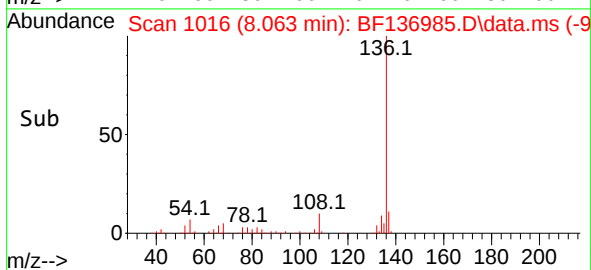
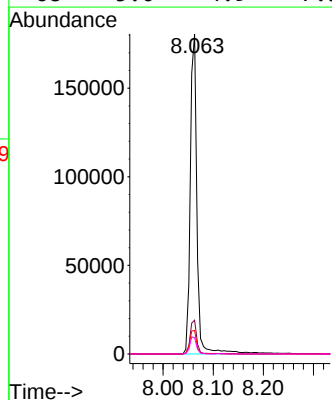
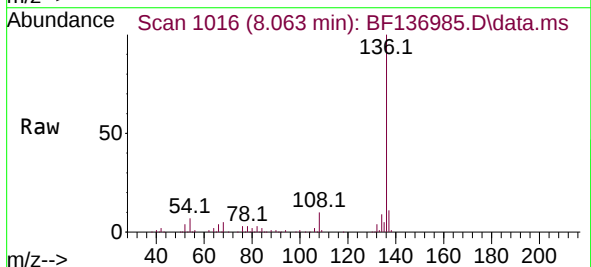
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4DL3

Tgt Ion: 99 Resp: 80
Ion Ratio Lower Upper
99 100
42 0.0 16.1 24.1#
71 0.0 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: BF136985.D
Acq: 05 Jan 2024 20:03

Tgt Ion: 136 Resp: 168224
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 7.3 7.2 10.8
68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 0.037 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136985.D

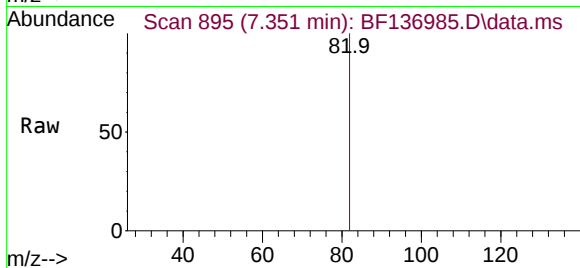
Acq: 05 Jan 2024 20:03

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4DL3



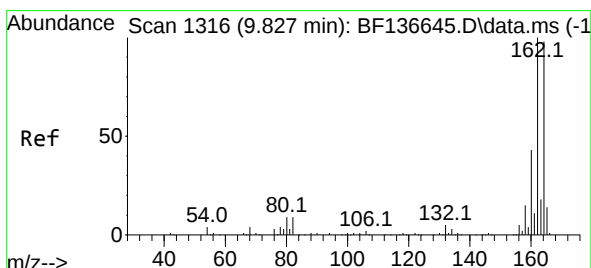
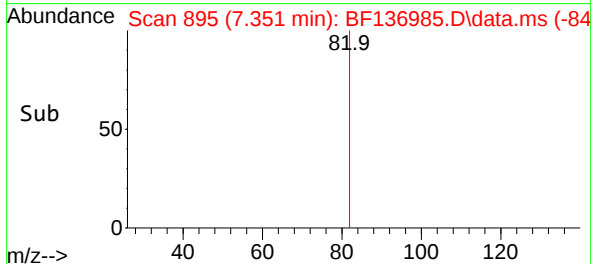
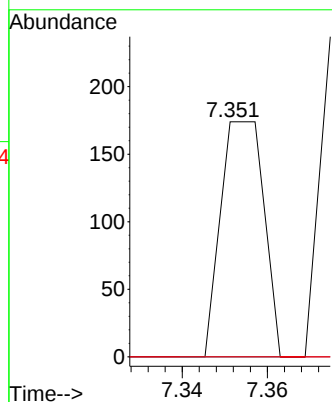
Tgt Ion: 82 Resp: 123

Ion Ratio Lower Upper

82 100

128 0.0 35.3 52.9#

54 0.0 44.5 66.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136985.D

Acq: 05 Jan 2024 20:03

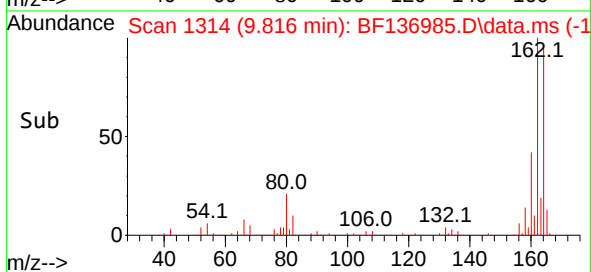
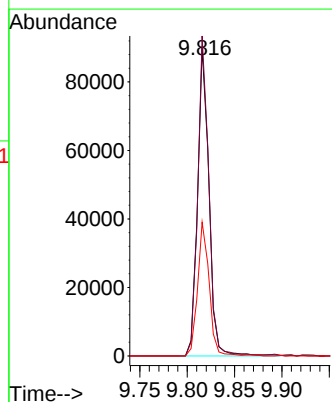
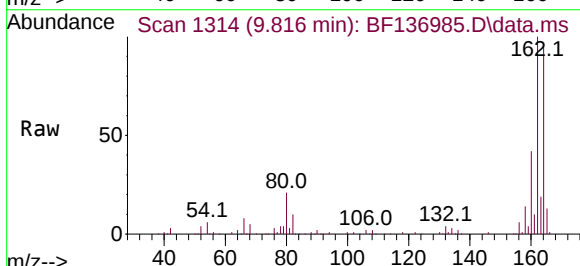
Tgt Ion: 164 Resp: 75708

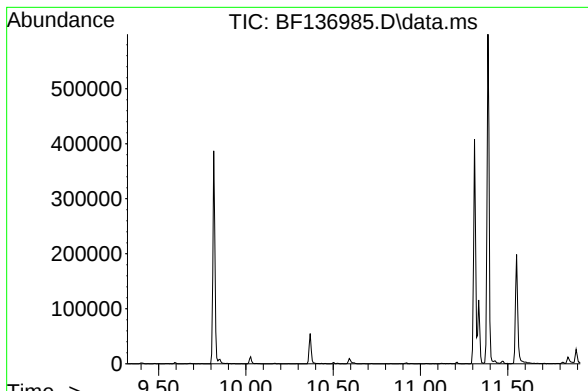
Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 43.5 34.9 52.3



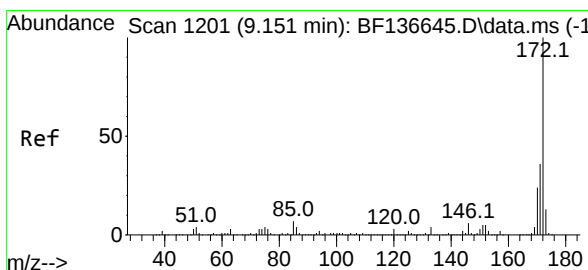
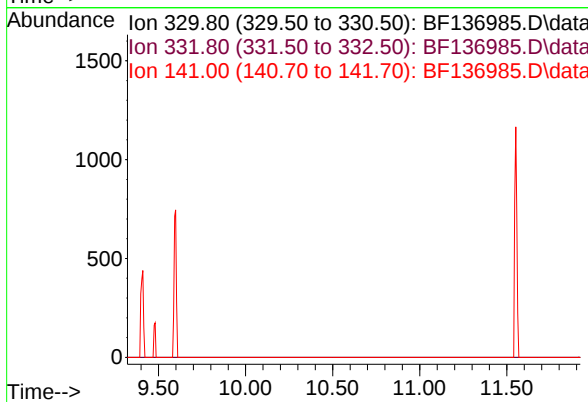


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.62 min
 Lab File: BF136985.D
 Acq: 05 Jan 2024 20:03

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-2-4DL3

Tgt Ion: 330

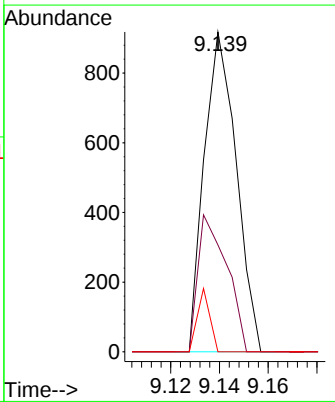
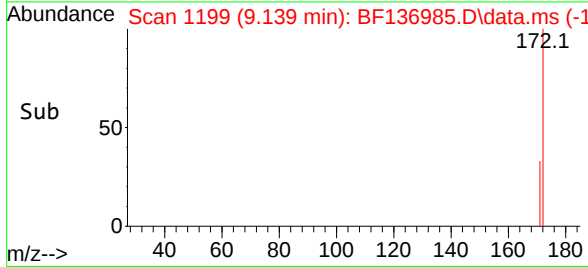
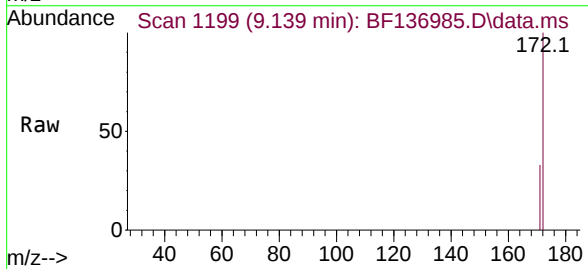
Sig	Exp Ratio
330	100
332	96.7
141	29.3

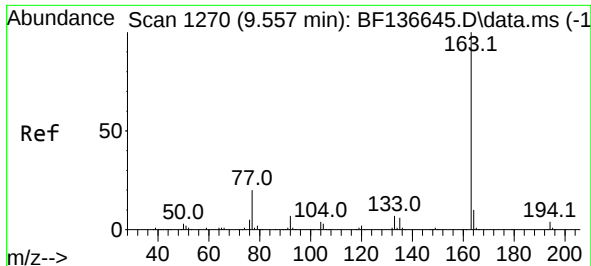


#45
 2-Fluorobiphenyl
 Concen: 0.149 ng
 RT: 9.139 min Scan# 1199
 Delta R.T. -0.012 min
 Lab File: BF136985.D
 Acq: 05 Jan 2024 20:03

Tgt Ion: 172 Resp: 838

Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.0	43.6
170	0.0	19.0	28.4

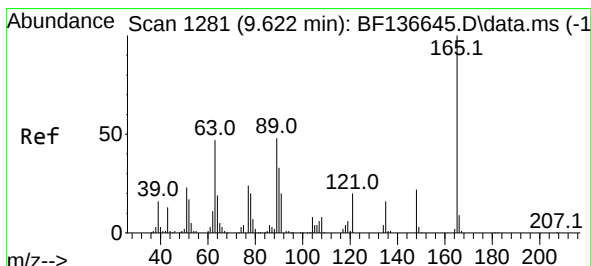
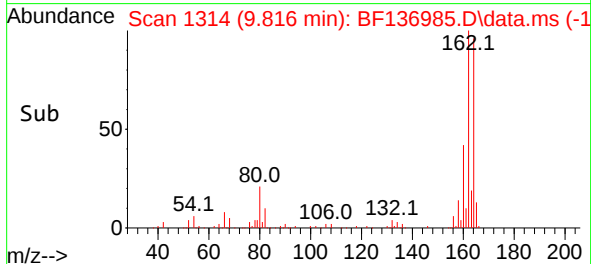
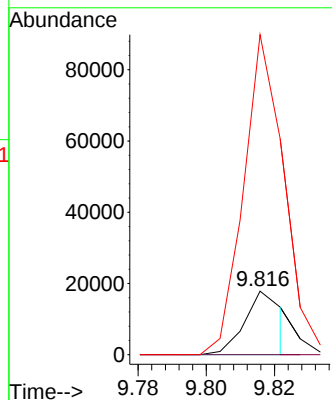
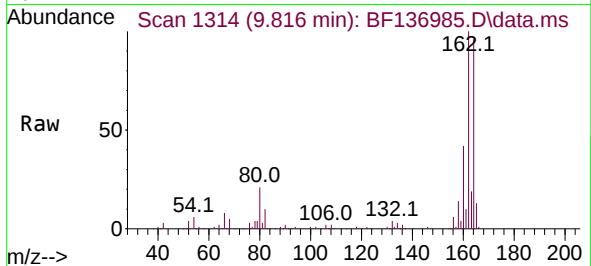




#50
Dimethylphthalate
Concen: 2.464 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136985.D
Acq: 05 Jan 2024 20:03

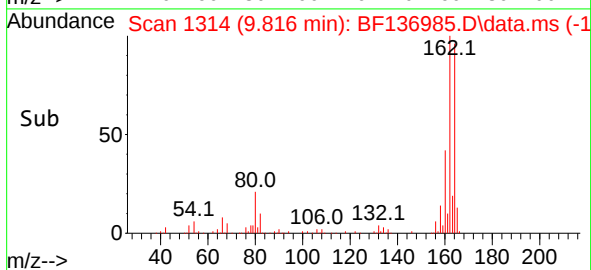
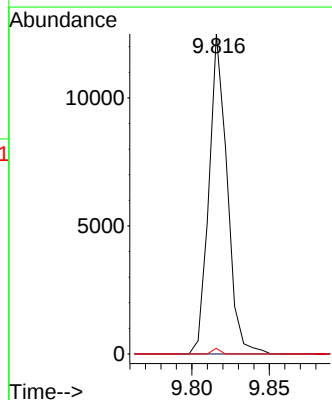
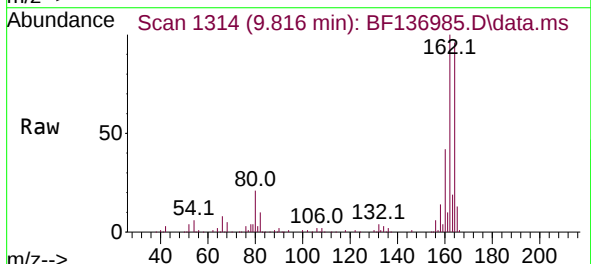
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4DL3

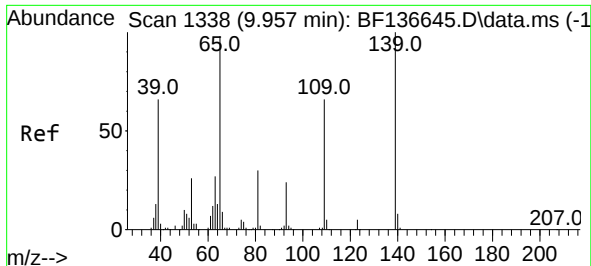
Tgt Ion:163 Resp: 13627
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 504.4 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.118 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136985.D
Acq: 05 Jan 2024 20:03

Tgt Ion:165 Resp: 10188
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.7 38.8 58.2#

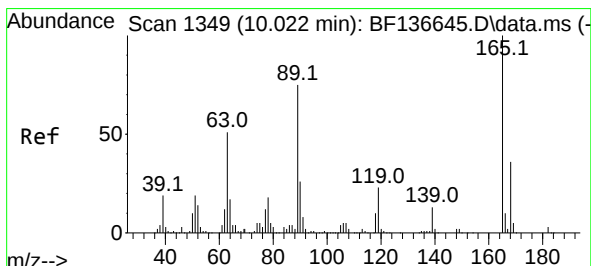
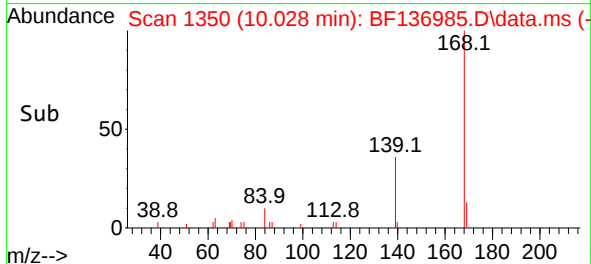
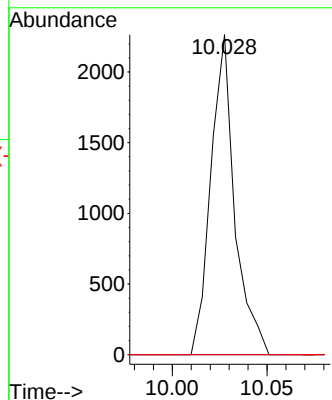
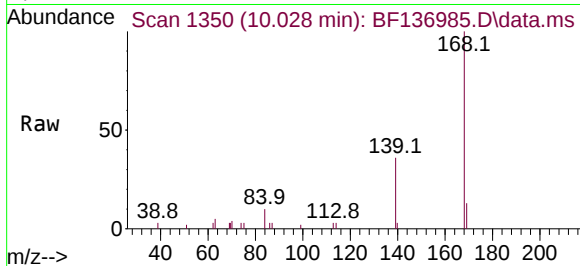




#56
4-Nitrophenol
Concen: 2.212 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF136985.D
Acq: 05 Jan 2024 20:03

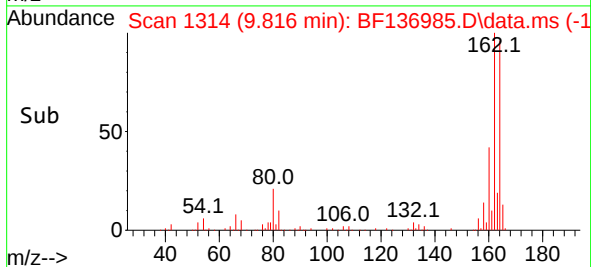
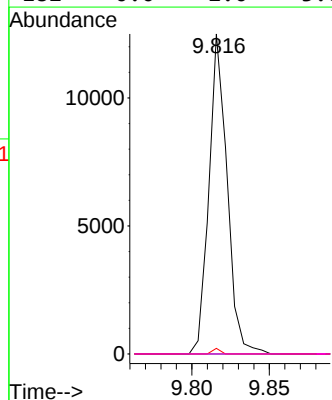
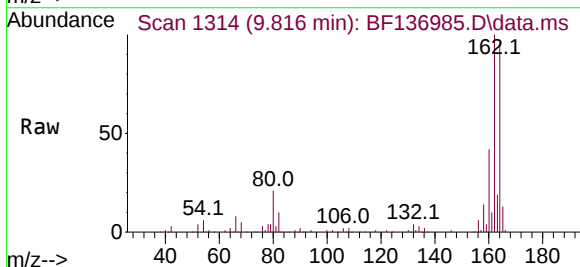
Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4DL3

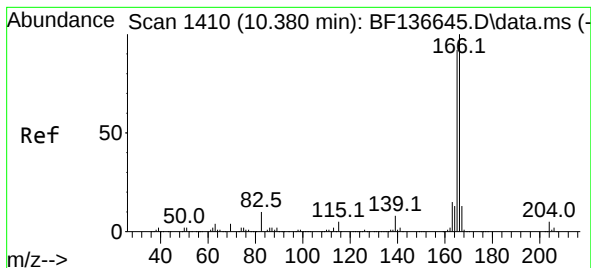
Tgt Ion:139 Resp: 1985
Ion Ratio Lower Upper
139 100
109 0.0 45.8 85.8#
65 0.0 77.8 117.8#



#57
2,4-Dinitrotoluene
Concen: 6.253 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136985.D
Acq: 05 Jan 2024 20:03

Tgt Ion:165 Resp: 10188
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.7 59.9 89.9#
182 0.0 2.0 3.0#





#58

Fluorene

Concen: 2.686 ng

RT: 10.369 min Scan# 1408

Delta R.T. -0.012 min

Lab File: BF136985.D

Acq: 05 Jan 2024 20:03

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4DL3

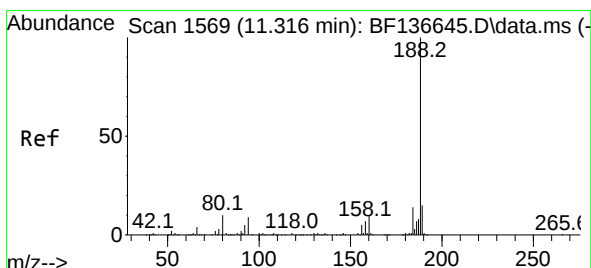
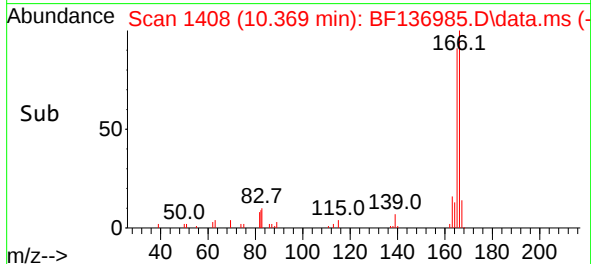
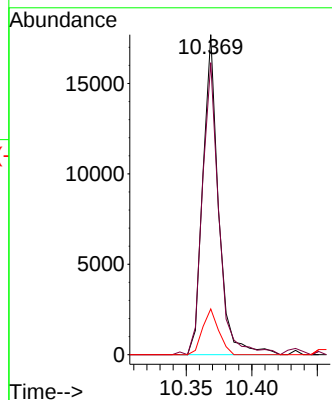
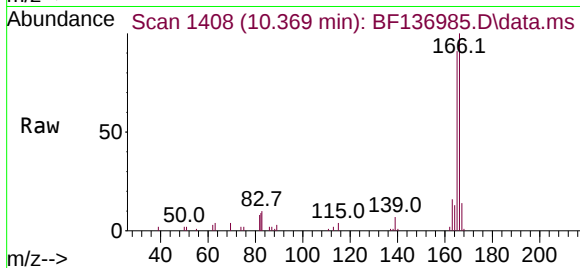
Tgt Ion:166 Resp: 14784

Ion Ratio Lower Upper

166 100

165 91.3 73.7 110.5

167 14.3 10.4 15.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136985.D

Acq: 05 Jan 2024 20:03

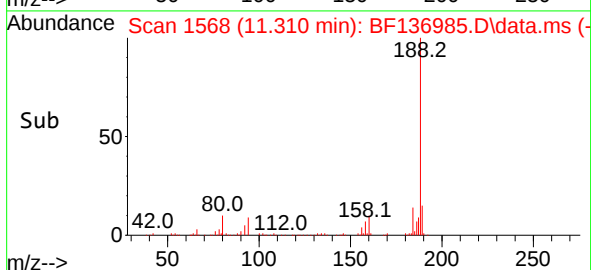
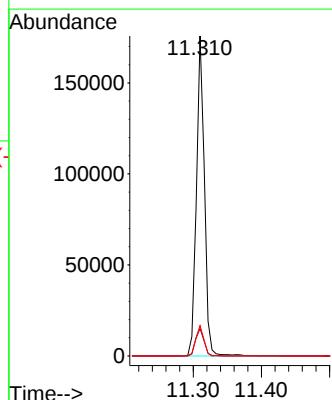
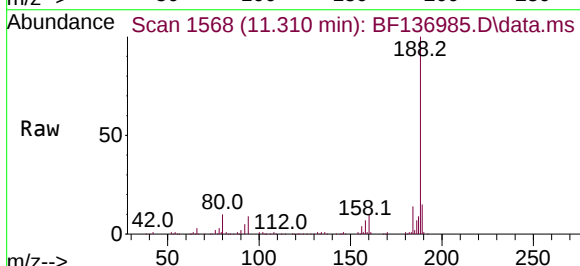
Tgt Ion:188 Resp: 142591

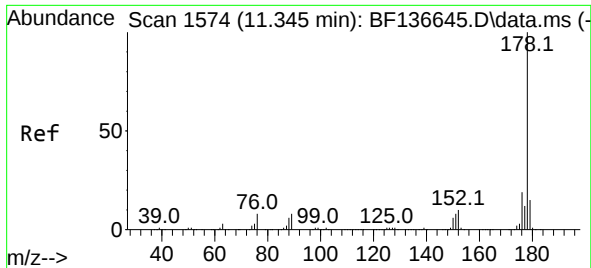
Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

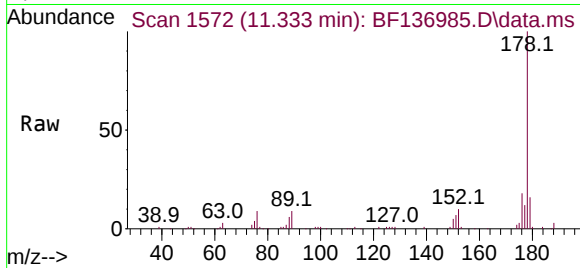
80 9.5 8.1 12.1



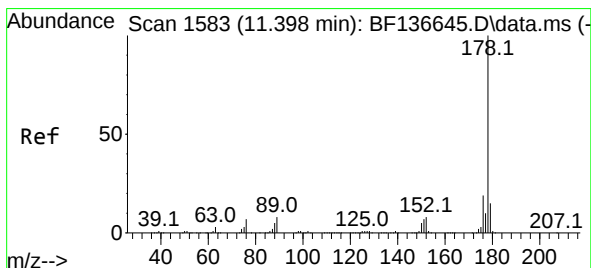
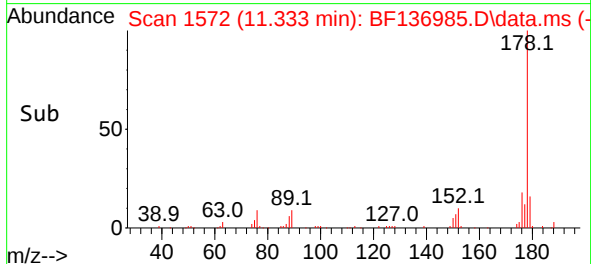
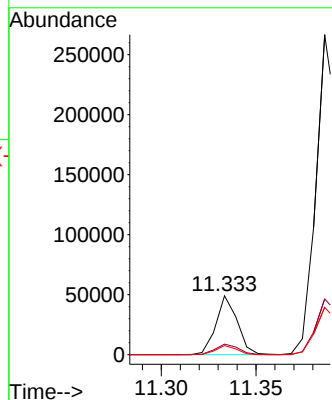


#71
Phenanthrene
Concen: 5.266 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136985.D
Acq: 05 Jan 2024 20:03

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-2-4DL3

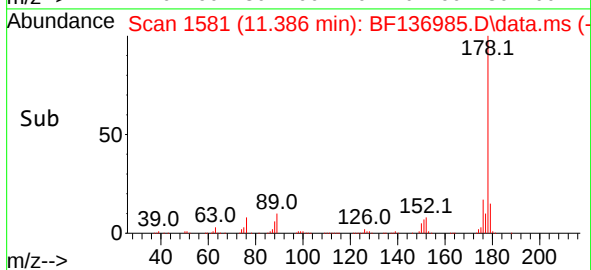
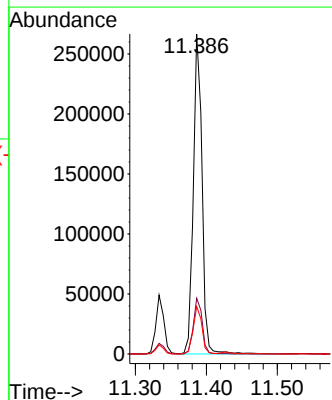
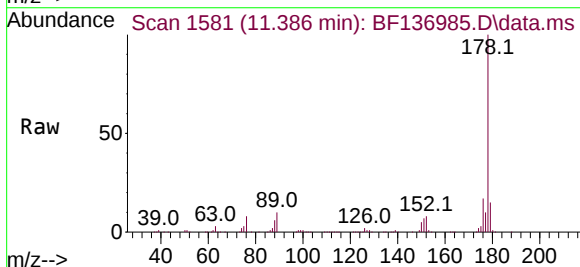


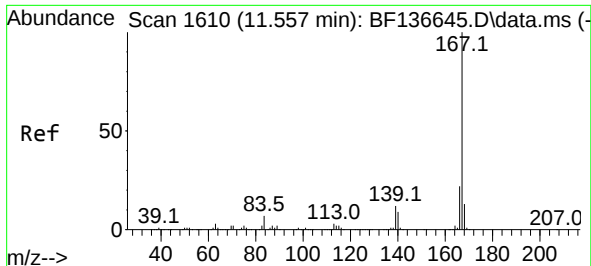
Tgt Ion:178 Resp: 38531
Ion Ratio Lower Upper
178 100
176 18.0 15.3 22.9
179 15.5 11.9 17.9



#72
Anthracene
Concen: 30.815 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136985.D
Acq: 05 Jan 2024 20:03

Tgt Ion:178 Resp: 228328
Ion Ratio Lower Upper
178 100
176 17.4 14.9 22.3
179 14.8 11.8 17.6

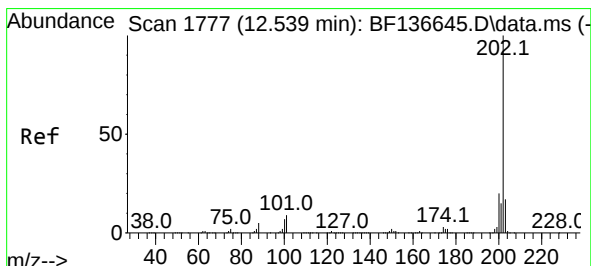
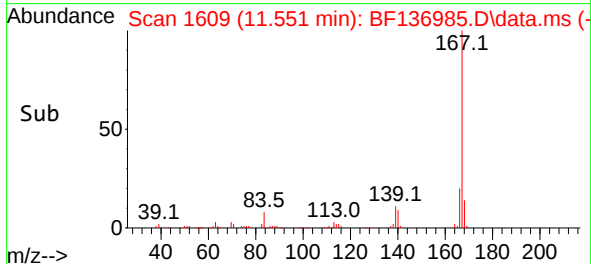
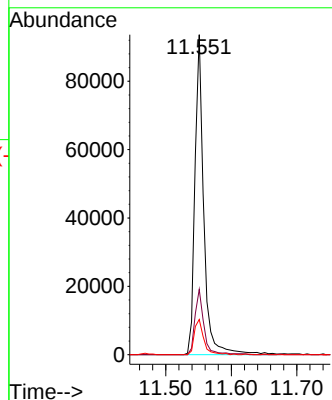
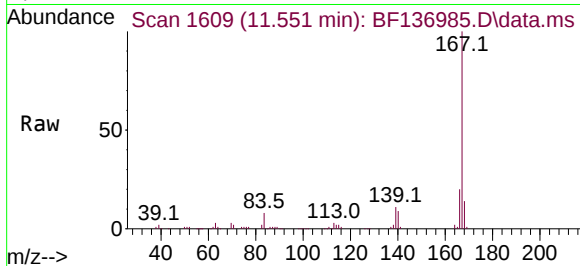




#73
 Carbazole
 Concen: 12.652 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136985.D
 Acq: 05 Jan 2024 20:03

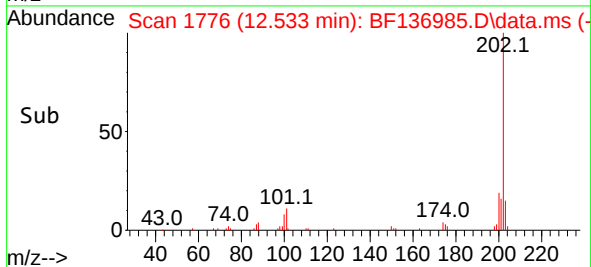
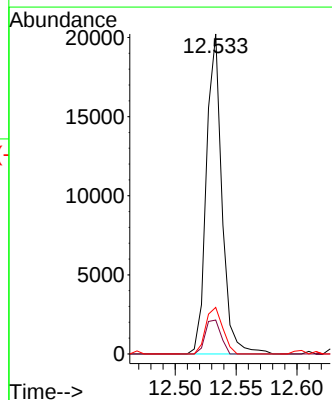
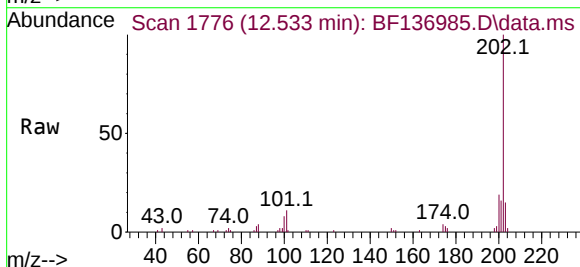
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-2-4DL3

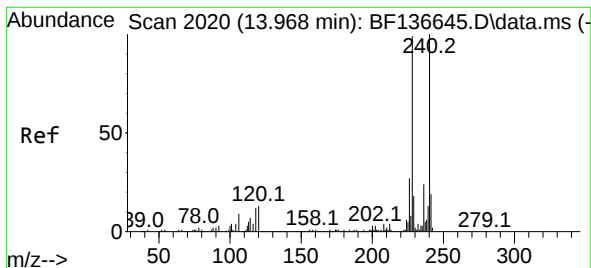
Tgt Ion:167 Resp: 88387
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.3 25.9
 139 11.0 9.8 14.6



#75
 Fluoranthene
 Concen: 2.302 ng
 RT: 12.533 min Scan# 1776
 Delta R.T. -0.006 min
 Lab File: BF136985.D
 Acq: 05 Jan 2024 20:03

Tgt Ion:202 Resp: 18013
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 29.3
 203 14.5 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136985.D

Acq: 05 Jan 2024 20:03

Instrument :

BNA_F

ClientSampleId :

GHL-SS-18-2-4DL3

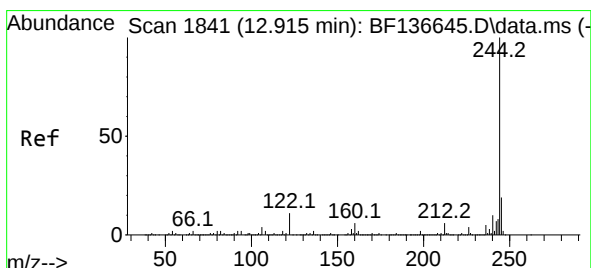
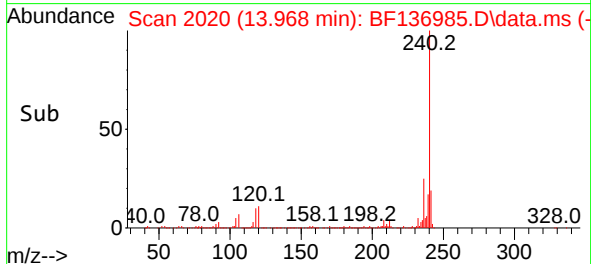
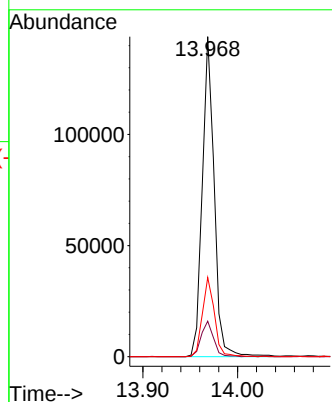
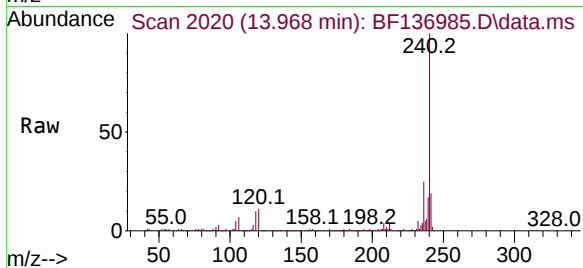
Tgt Ion:240 Resp: 126585

Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

236 24.7 19.4 29.2



#79

Terphenyl-d14

Concen: 0.140 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136985.D

Acq: 05 Jan 2024 20:03

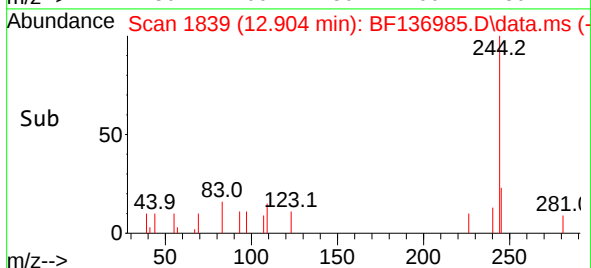
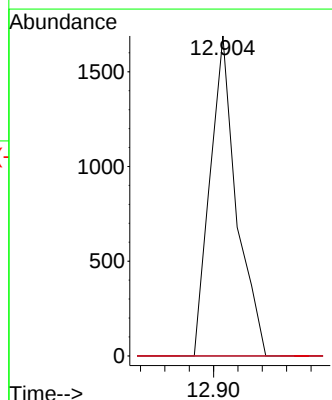
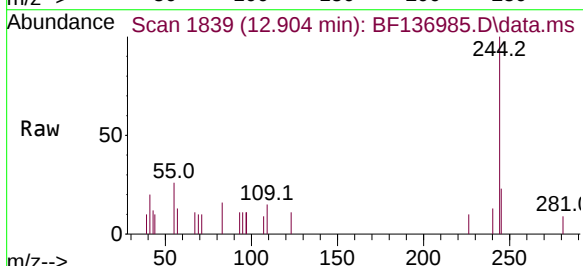
Tgt Ion:244 Resp: 1272

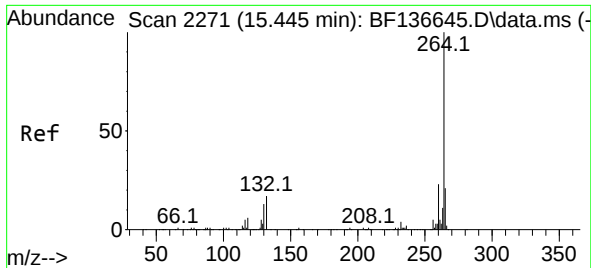
Ion Ratio Lower Upper

244 100

212 0.0 5.0 7.4#

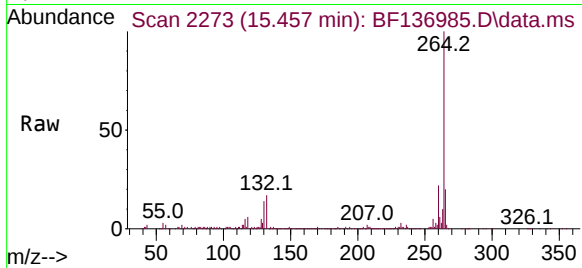
122 0.0 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF136985.D
 Acq: 05 Jan 2024 20:03

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-18-2-4DL3



Tgt Ion:264 Resp: 102826
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.3 27.5
 265 20.2 17.0 25.6

