

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136892.D
 Acq On : 03 Jan 2024 02:09
 Operator : CG\JU
 Sample : 05900-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-56

Quant Time: Jan 03 04:20:41 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)

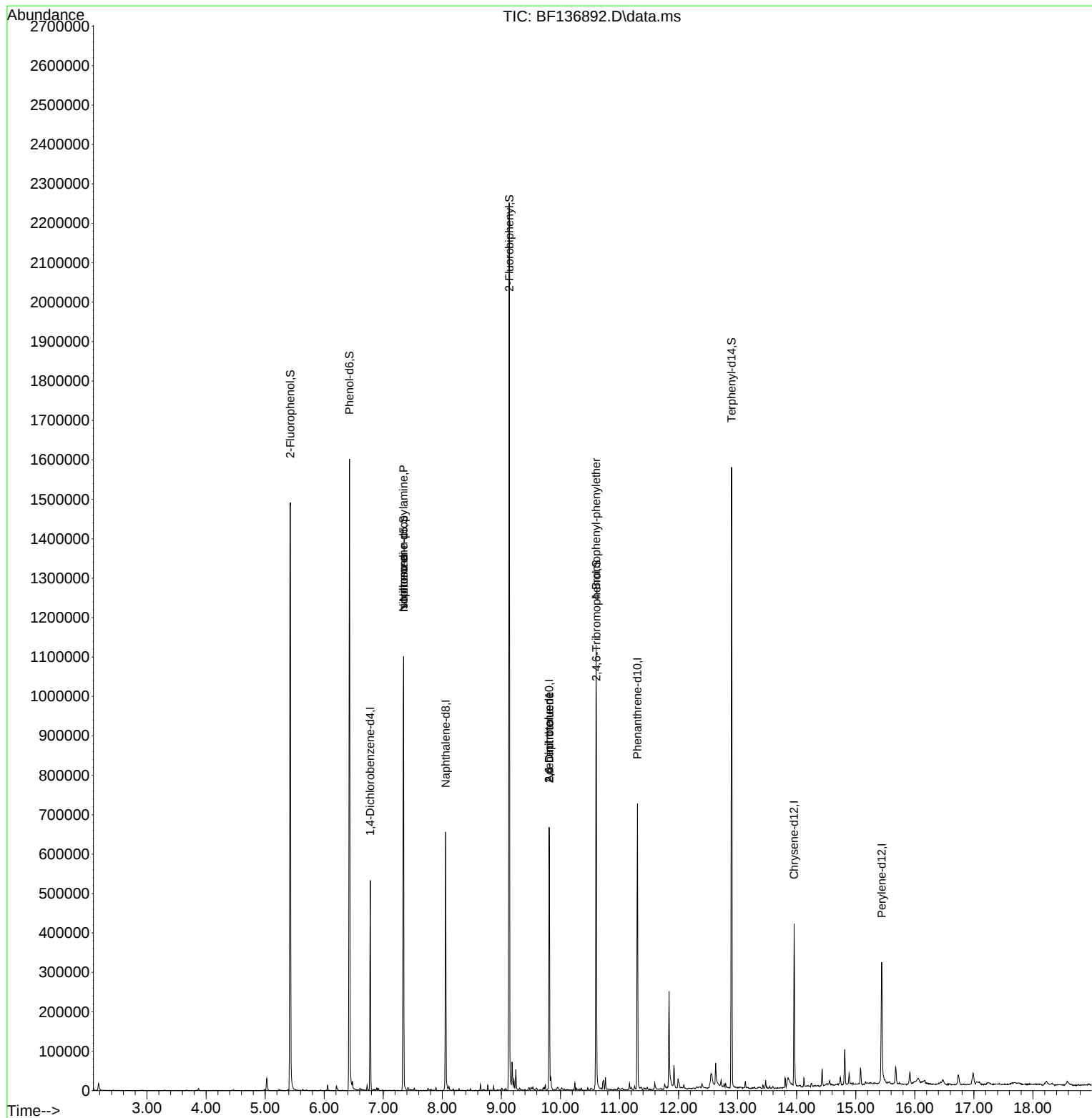
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72663	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	278836	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	138368	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	245360	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	135572	20.000	ng	-0.01
86) Perylene-d12	15.439	264	141635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	446292	95.832	ng	0.00
7) Phenol-d6	6.428	99	561069	92.979	ng	-0.01
23) Nitrobenzene-d5	7.345	82	355905	65.315	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	146579	89.948	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	674832	65.596	ng	-0.02
79) Terphenyl-d14	12.898	244	578707	59.653	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	46428	12.692	ng	# 71
25) Isophorone	7.345	82	355900	35.894	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	18678	8.143	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	18678	6.273	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	8863	3.253	ng	# 1

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

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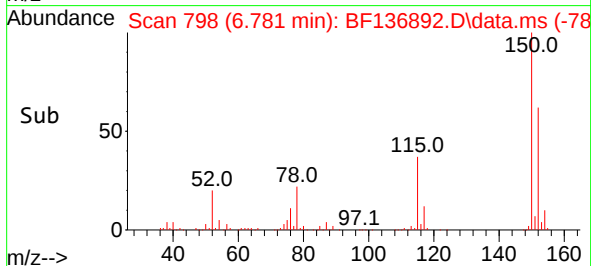
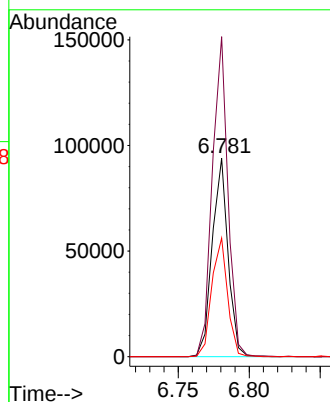
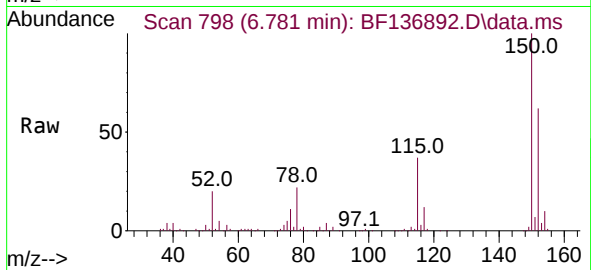




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136892.D
Acq: 03 Jan 2024 02:09

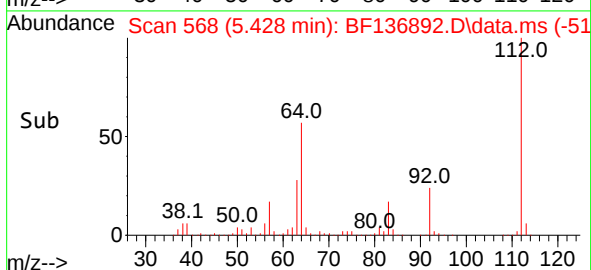
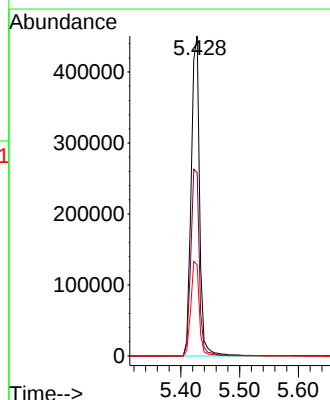
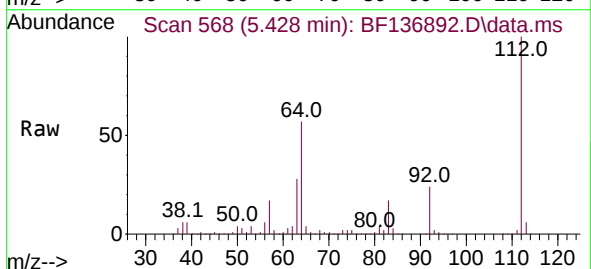
Instrument :
BNA_F
ClientSampleId :
GHL-SS-56

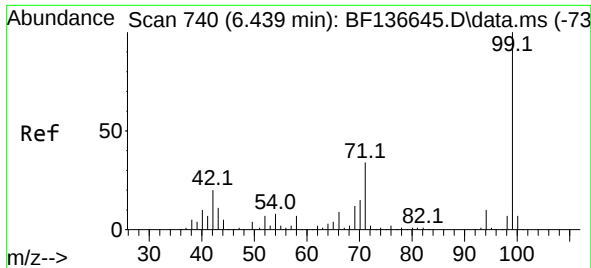
Tgt Ion:152 Resp: 72663
Ion Ratio Lower Upper
152 100
150 161.3 127.0 190.6
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 95.832 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136892.D
Acq: 03 Jan 2024 02:09

Tgt Ion:112 Resp: 446292
Ion Ratio Lower Upper
112 100
64 57.2 51.1 76.7
63 28.4 26.1 39.1

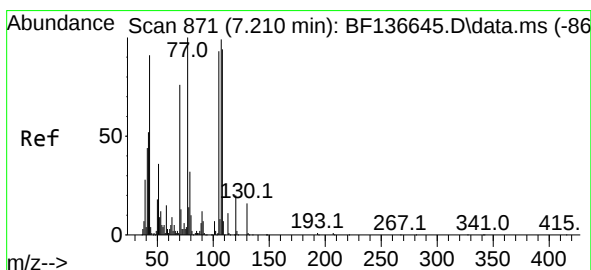
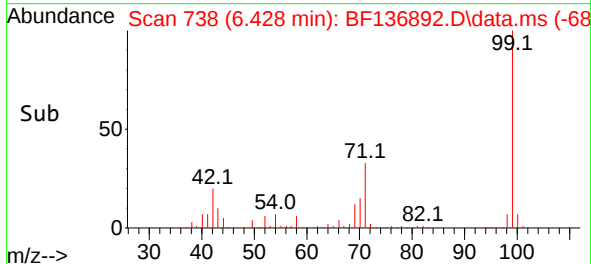
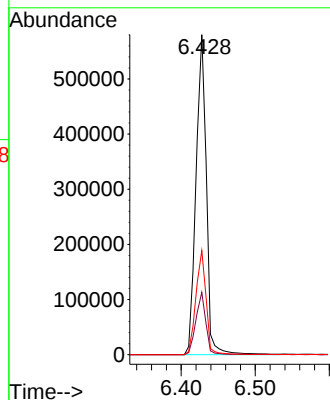
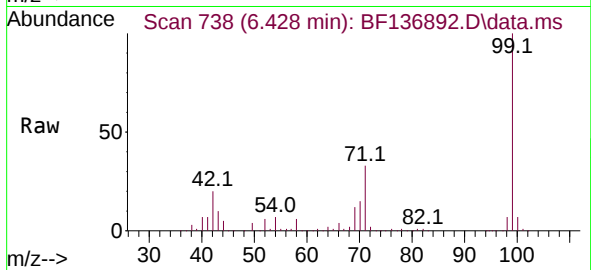




#7
Phenol-d6
Concen: 92.979 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136892.D
Acq: 03 Jan 2024 02:09

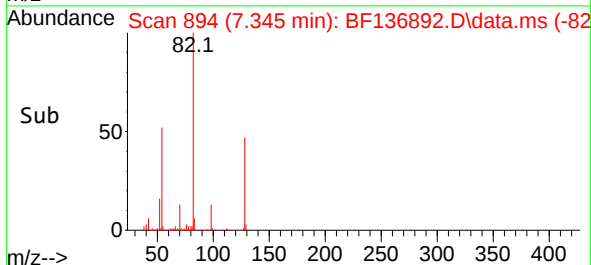
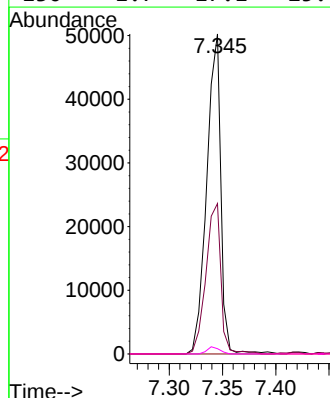
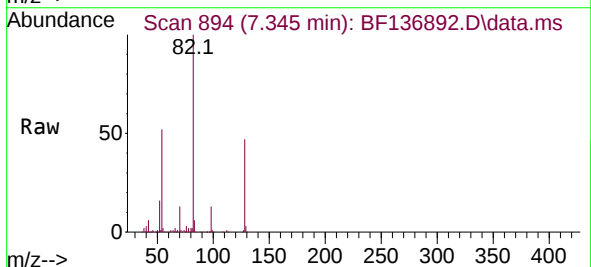
Instrument :
BNA_F
ClientSampleId :
GHL-SS-56

Tgt Ion: 99 Resp: 561069
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 32.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.692 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136892.D
Acq: 03 Jan 2024 02:09

Tgt Ion: 70 Resp: 46428
Ion Ratio Lower Upper
70 100
42 47.0 54.2 81.4#
101 0.0 7.6 11.4#
130 1.7 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

Instrument :

BNA_F

ClientSampleId :

GHL-SS-56

Tgt Ion:136 Resp: 278836

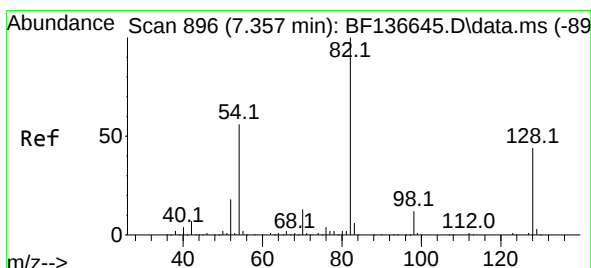
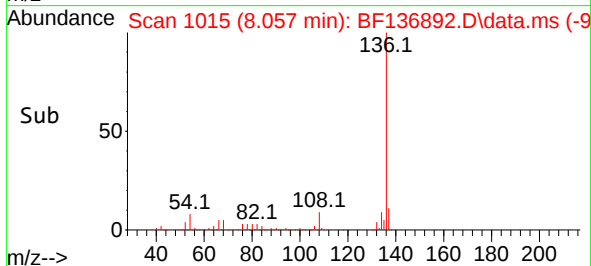
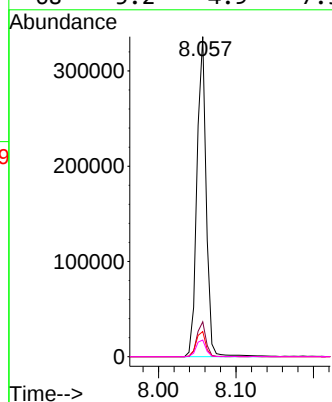
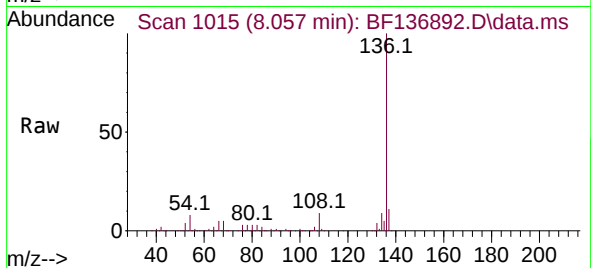
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.8 7.2 10.8

68 5.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 65.315 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

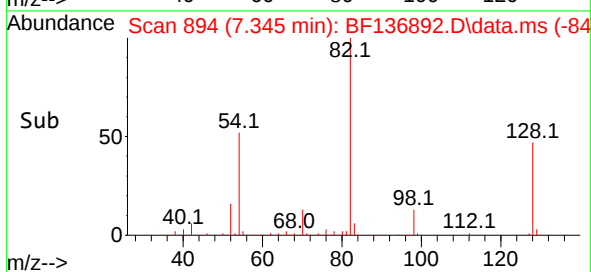
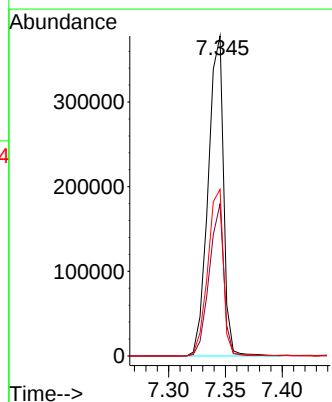
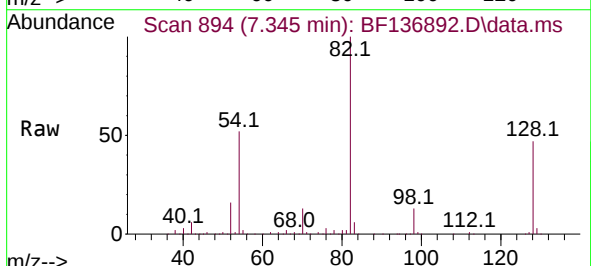
Tgt Ion: 82 Resp: 355905

Ion Ratio Lower Upper

82 100

128 47.5 35.3 52.9

54 52.0 44.5 66.7

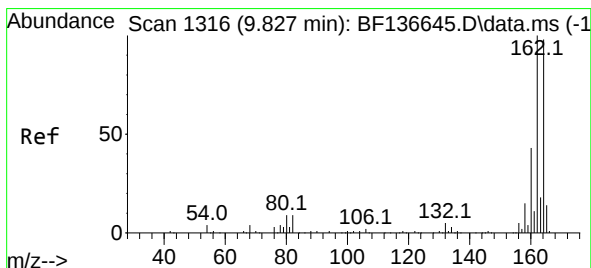
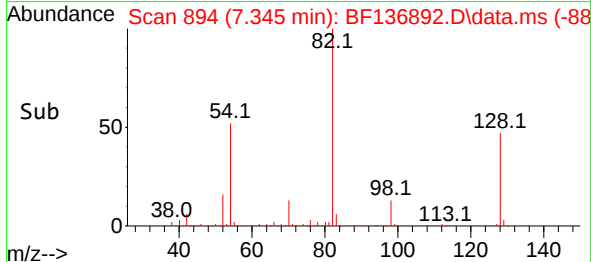
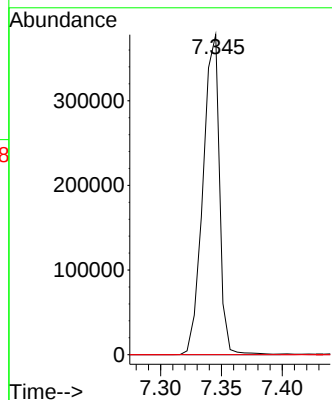
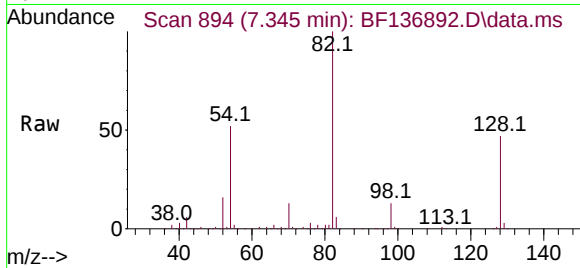




#25
Isophorone
Concen: 35.894 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136892.D
Acq: 03 Jan 2024 02:09

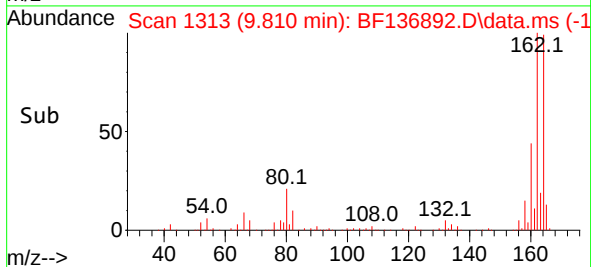
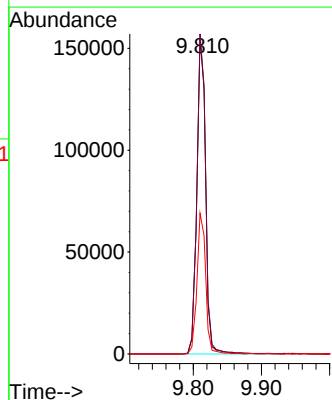
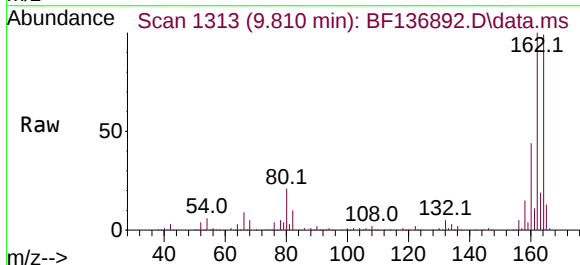
Instrument :
BNA_F
ClientSampleId :
GHL-SS-56

Tgt Ion: 82 Resp: 355900
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136892.D
Acq: 03 Jan 2024 02:09

Tgt Ion: 164 Resp: 138368
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 44.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 89.948 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

Instrument :

BNA_F

ClientSampleId :

GHL-SS-56

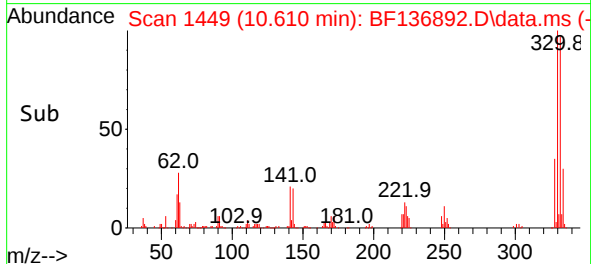
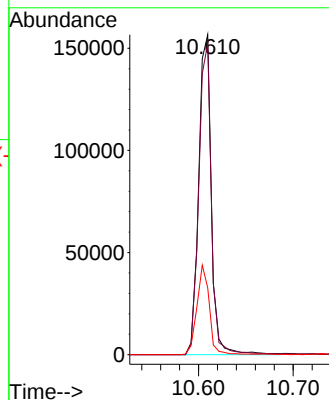
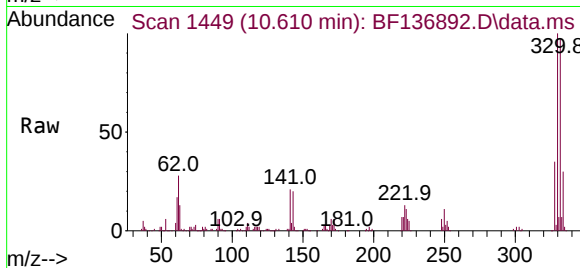
Tgt Ion:330 Resp: 146579

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 27.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 65.596 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

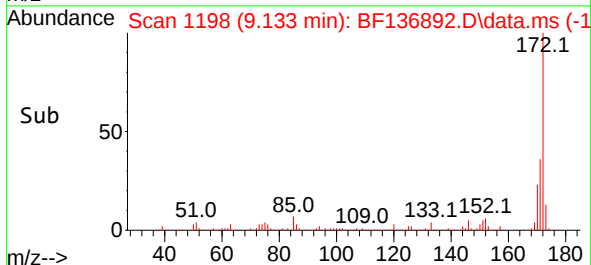
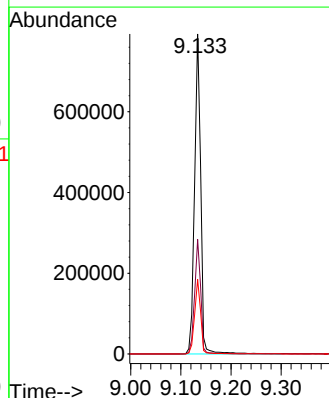
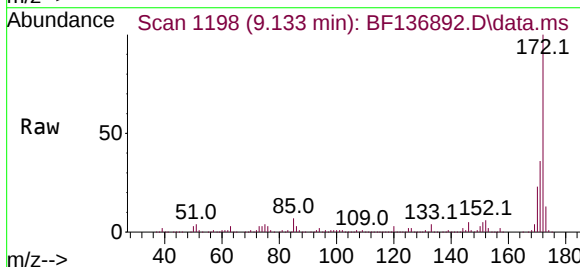
Tgt Ion:172 Resp: 674832

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.3 19.0 28.4

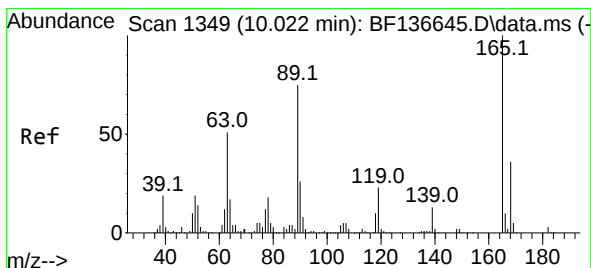
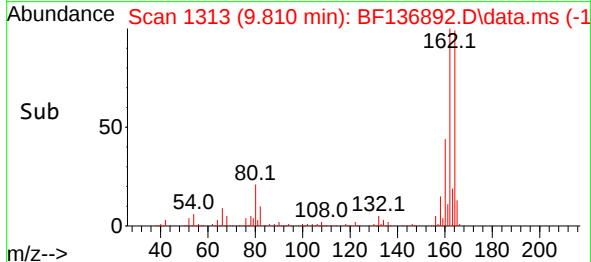
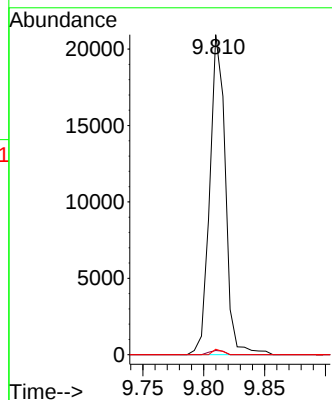
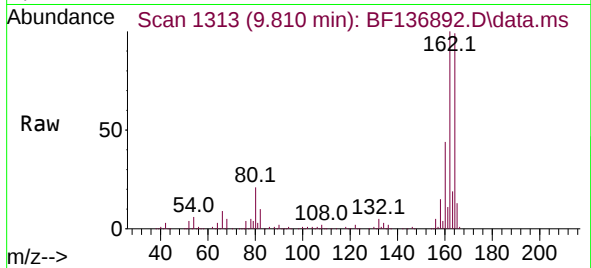




#51
2,6-Dinitrotoluene
Concen: 8.143 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136892.D
Acq: 03 Jan 2024 02:09

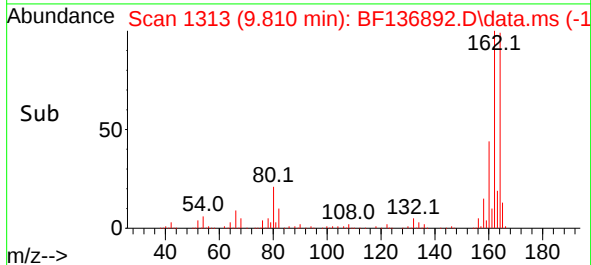
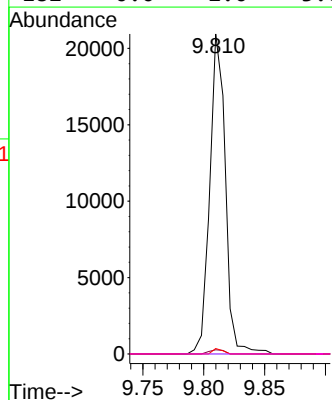
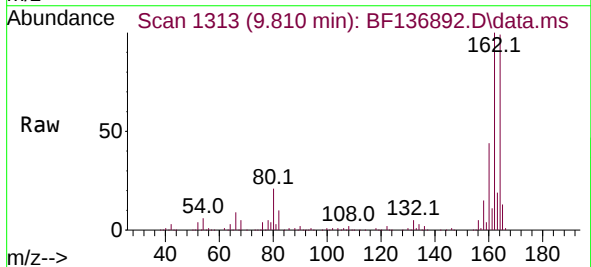
Instrument :
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GHL-SS-56

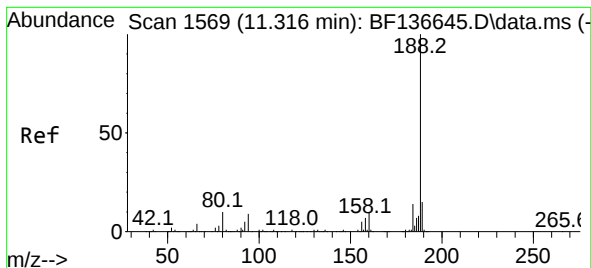
Tgt Ion:165 Resp: 18678
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.7 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.273 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136892.D
Acq: 03 Jan 2024 02:09

Tgt Ion:165 Resp: 18678
Ion Ratio Lower Upper
165 100
63 1.3 41.0 61.6#
89 1.7 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

Instrument :

BNA_F

ClientSampleId :

GHL-SS-56

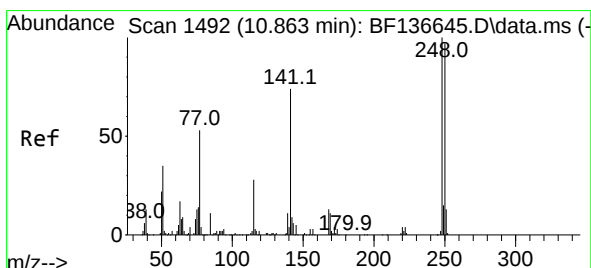
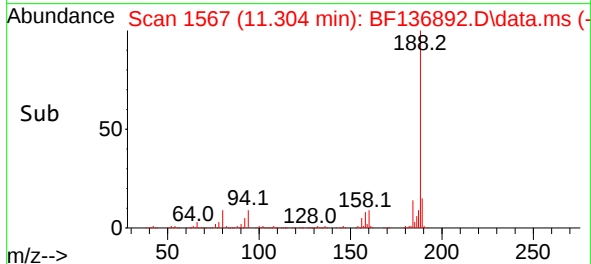
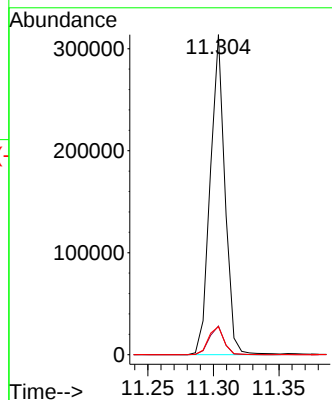
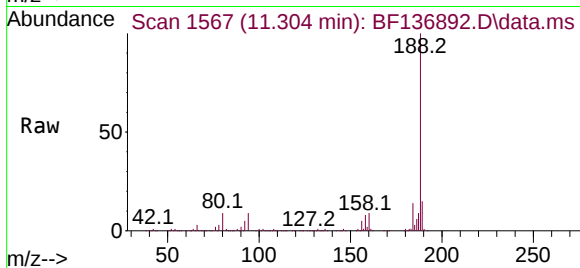
Tgt Ion:188 Resp: 245360

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

80 8.7 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.253 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

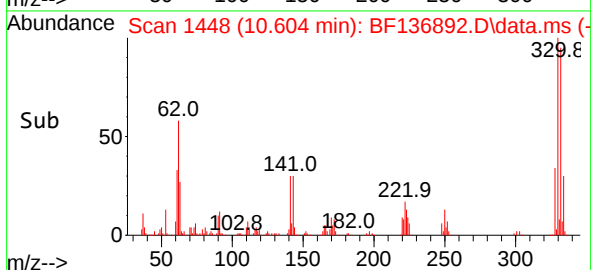
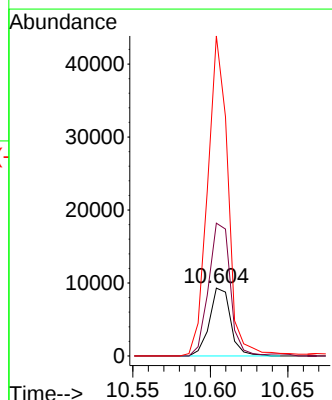
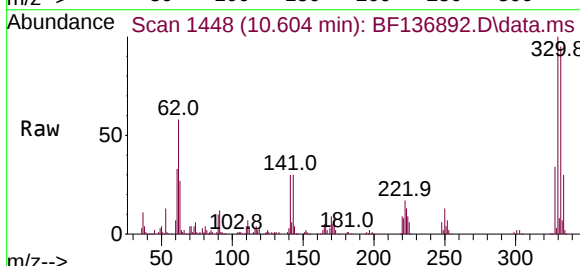
Tgt Ion:248 Resp: 8863

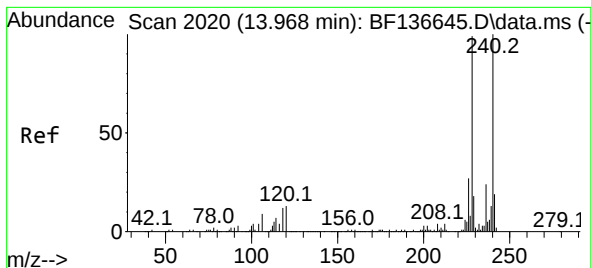
Ion Ratio Lower Upper

248 100

250 195.6 77.8 116.6#

141 471.1 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

Instrument :

BNA_F

ClientSampleId :

GHL-SS-56

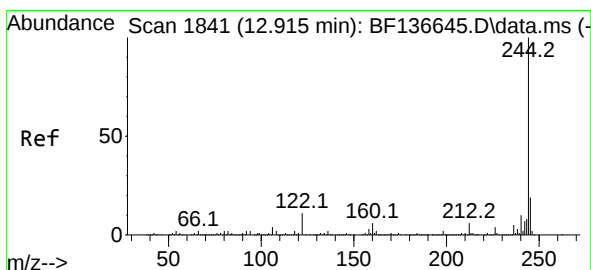
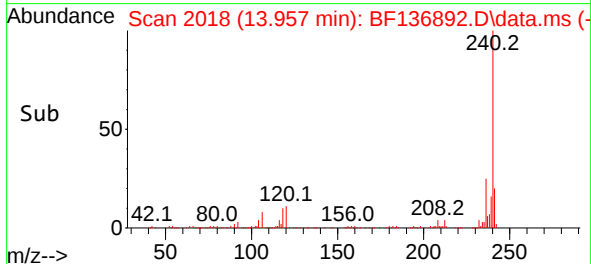
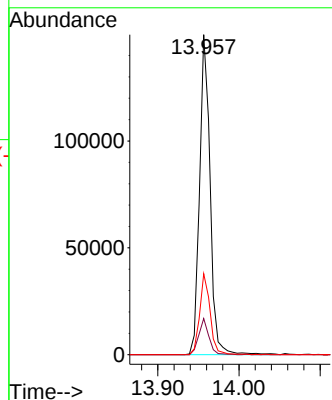
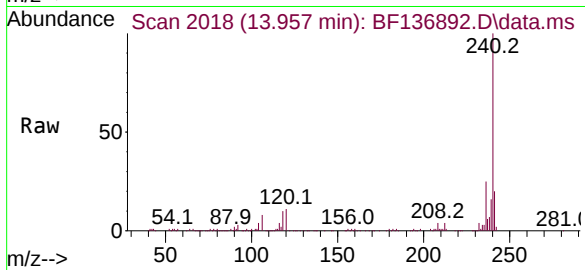
Tgt Ion:240 Resp: 135572

Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 25.3 19.4 29.2



#79

Terphenyl-d14

Concen: 59.653 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

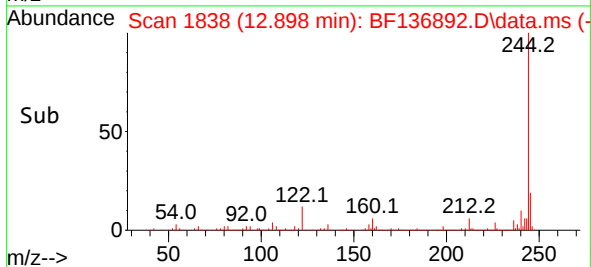
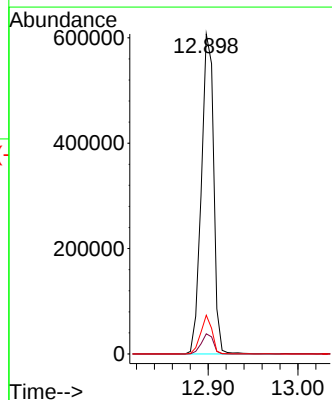
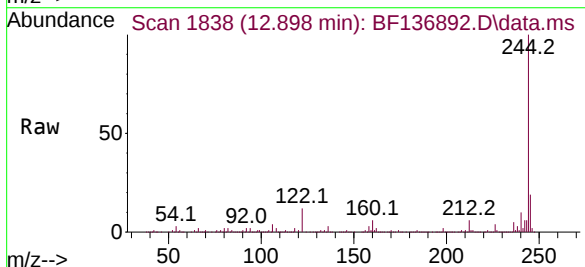
Tgt Ion:244 Resp: 578707

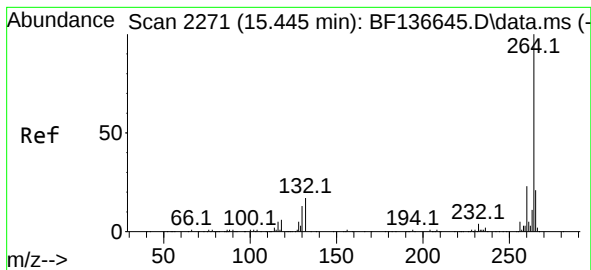
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 12.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136892.D
 Acq: 03 Jan 2024 02:09

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-56

Tgt Ion:264 Resp: 141635
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 20.4 17.0 25.6

