

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136918.D
 Acq On : 03 Jan 2024 20:51
 Operator : CG\JU
 Sample : 05897-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-21

Quant Time: Jan 04 03:42:10 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)

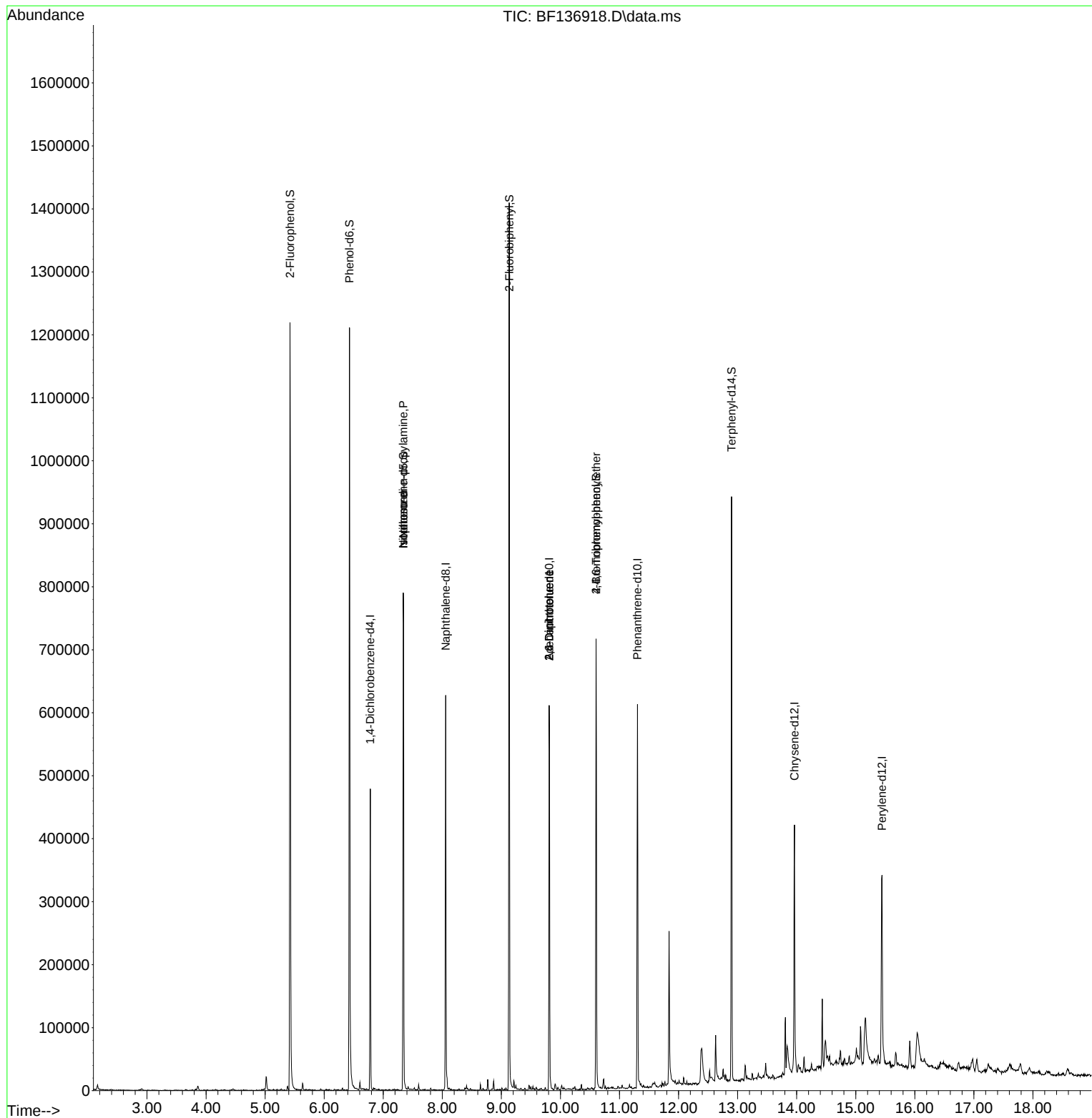
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	63987	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	245225	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	125598	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	211997	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	127650	20.000	ng	0.00
86) Perylene-d12	15.445	264	151100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	330871	80.681	ng	0.00
7) Phenol-d6	6.428	99	395236	74.378	ng	-0.01
23) Nitrobenzene-d5	7.339	82	254887	53.187	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	89825	60.726	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	397235	42.539	ng	-0.02
79) Terphenyl-d14	12.898	244	303204	33.194	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	33478	10.393	ng	# 71
25) Isophorone	7.339	82	254882	29.230	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	16261	7.810	ng	# 29
57) 2,4-Dinitrotoluene	9.810	165	16261	6.016	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	5039	2.140	ng	# 1

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

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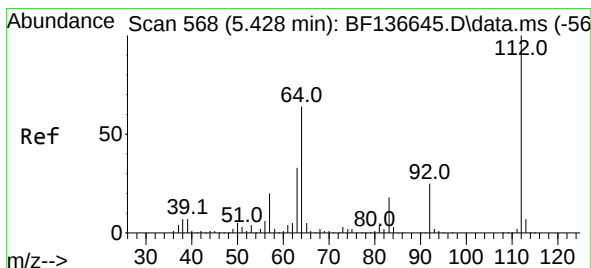
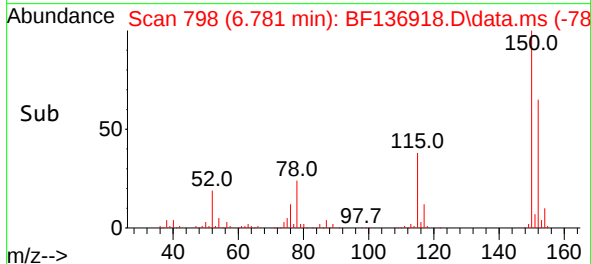
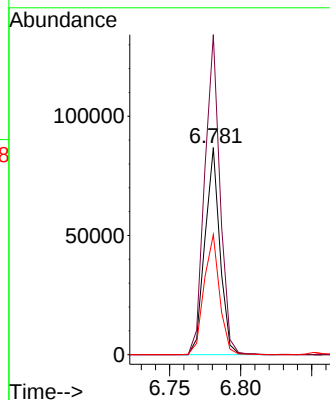
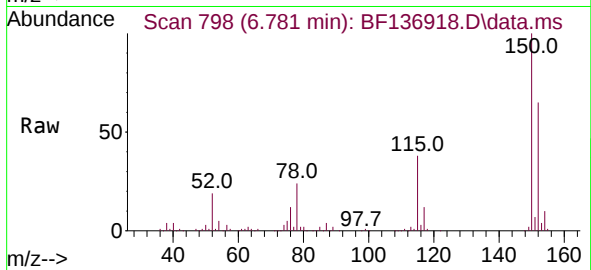




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

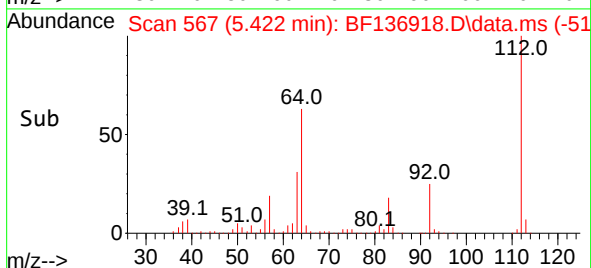
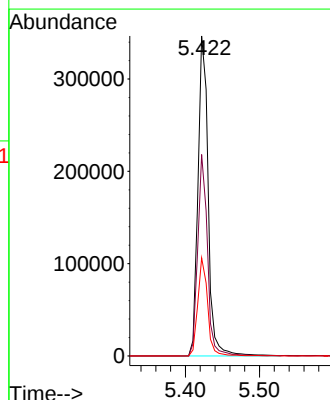
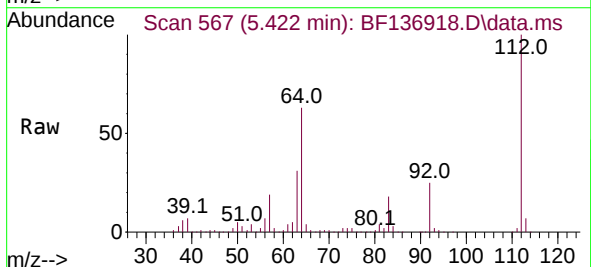
Instrument :
BNA_F
ClientSampleId :
GHL-SS-21

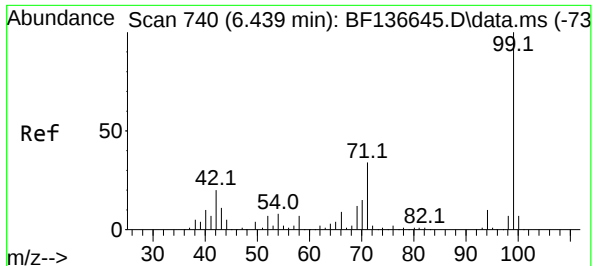
Tgt Ion:152 Resp: 63987
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 58.0 49.0 73.4



#5
2-Fluorophenol
Concen: 80.681 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

Tgt Ion:112 Resp: 330871
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 30.7 26.1 39.1

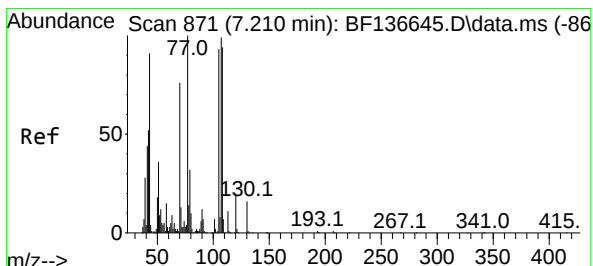
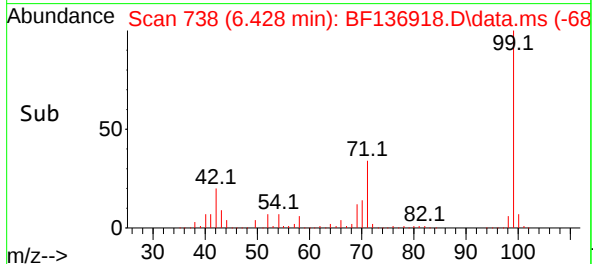
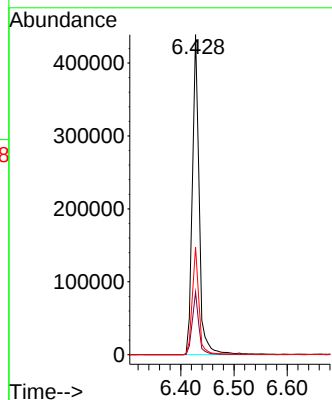
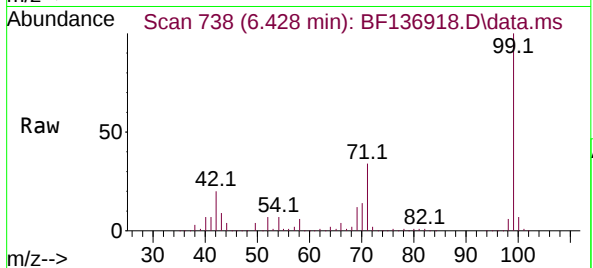




#7
Phenol-d6
Concen: 74.378 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

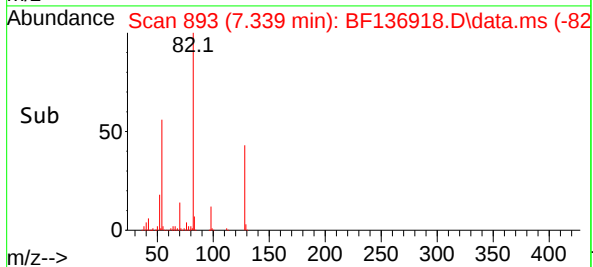
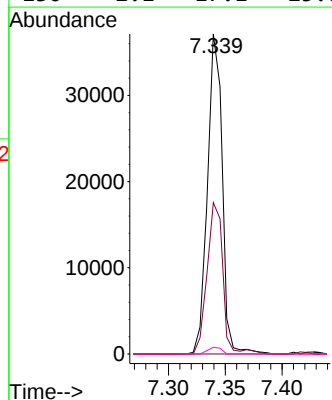
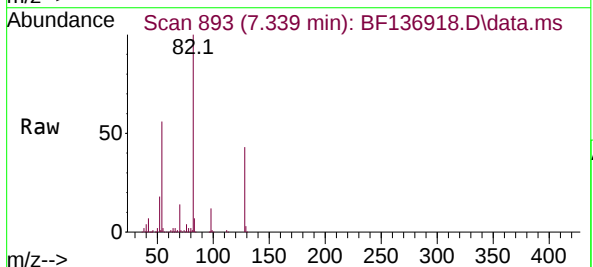
Instrument :
BNA_F
ClientSampleId :
GHL-SS-21

Tgt Ion: 99 Resp: 395236
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 33.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.393 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

Tgt Ion: 70 Resp: 33478
Ion Ratio Lower Upper
70 100
42 47.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



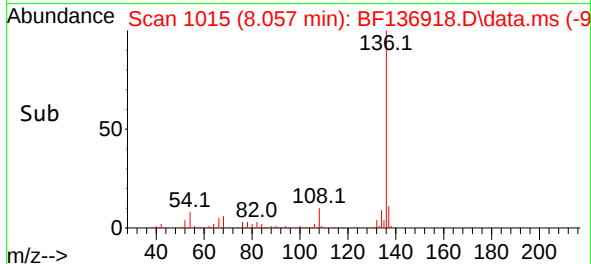
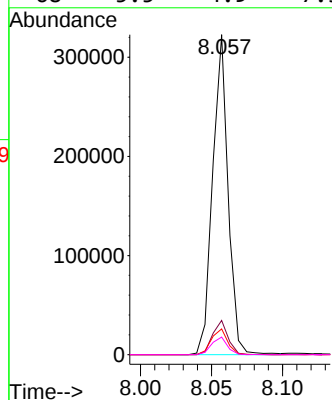
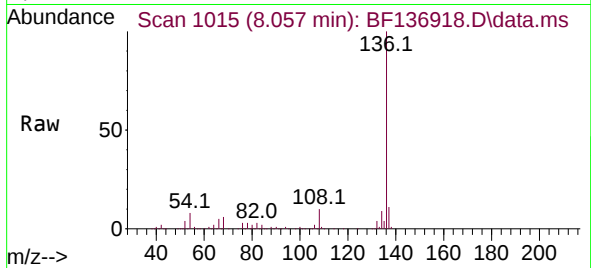


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

Instrument :
BNA_F
ClientSampleId :
GHL-SS-21

Tgt Ion:136 Resp: 245225

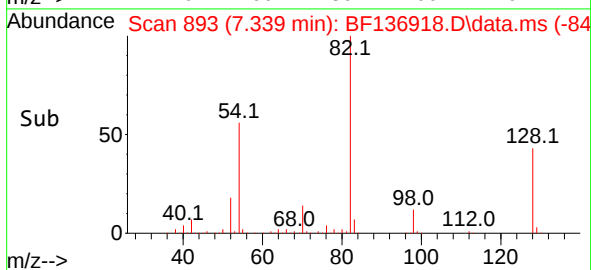
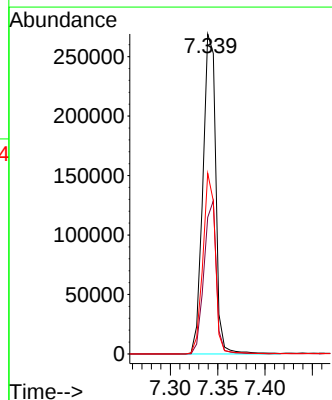
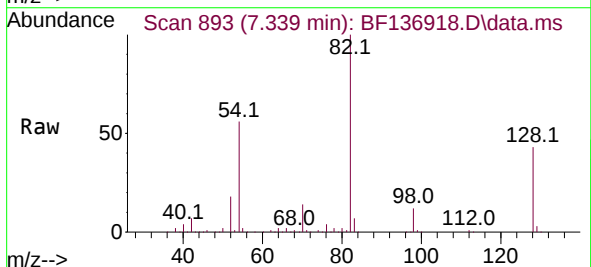
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.0	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 53.187 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

Tgt Ion: 82 Resp: 254887

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.3	52.9
54	56.5	44.5	66.7

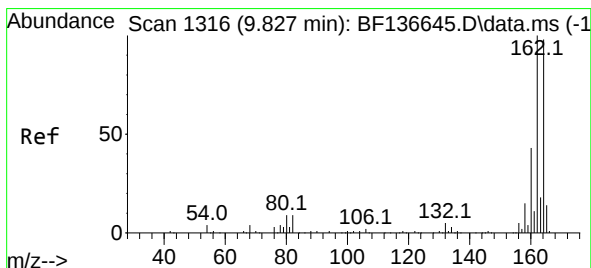
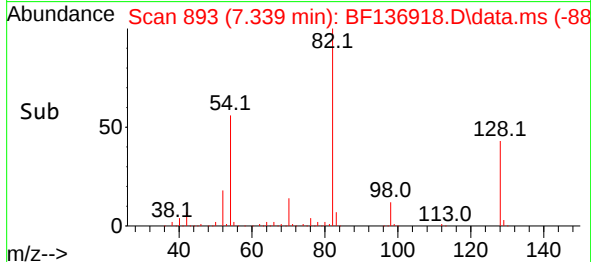
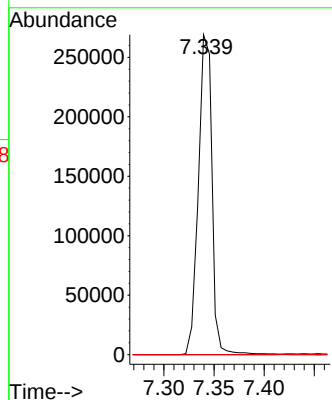
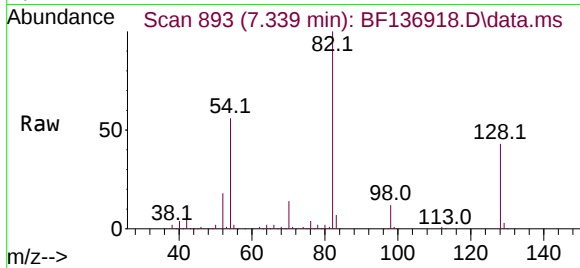




#25
Isophorone
Concen: 29.230 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

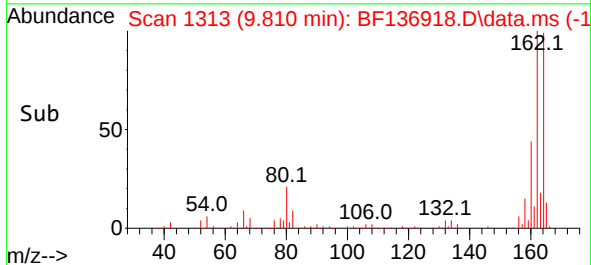
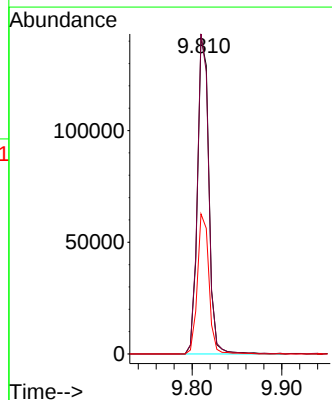
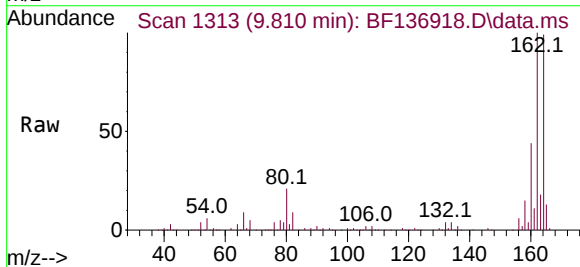
Instrument :
BNA_F
ClientSampleId :
GHL-SS-21

Tgt Ion: 82 Resp: 254882
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: BF136918.D
Acq: 03 Jan 2024 20:51

Tgt Ion:164 Resp: 125598
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 44.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 60.726 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF136918.D

Acq: 03 Jan 2024 20:51

Instrument :

BNA_F

ClientSampleId :

GHL-SS-21

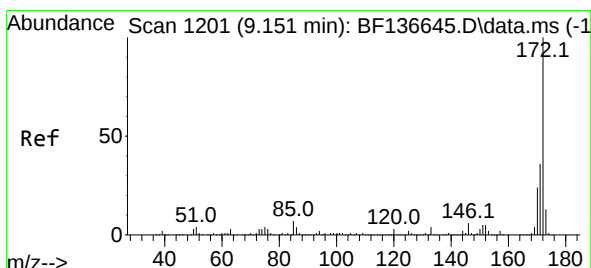
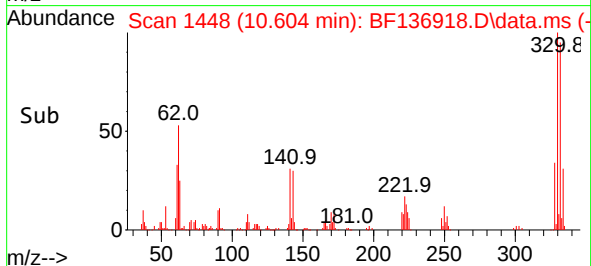
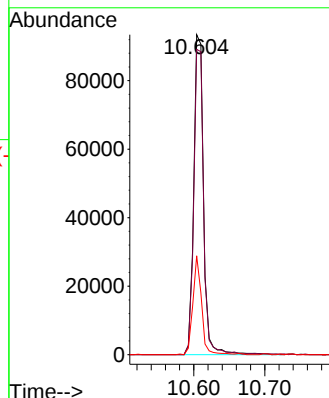
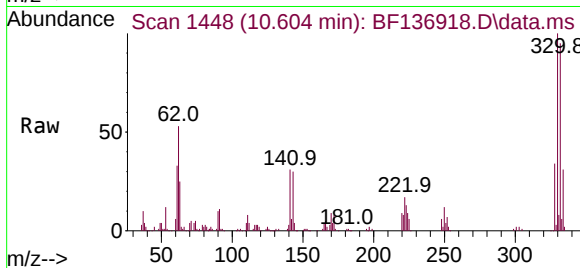
Tgt Ion:330 Resp: 89825

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 27.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 42.539 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136918.D

Acq: 03 Jan 2024 20:51

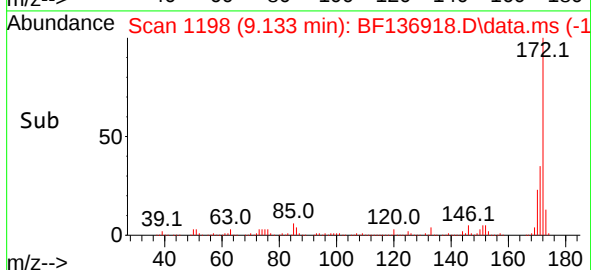
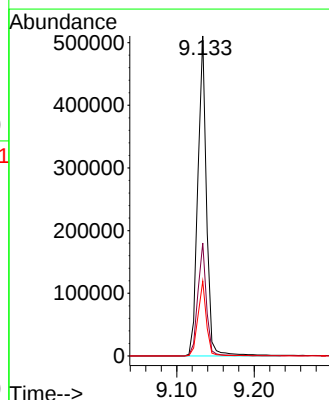
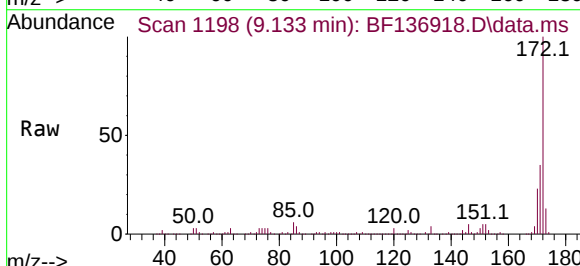
Tgt Ion:172 Resp: 397235

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

170 23.4 19.0 28.4

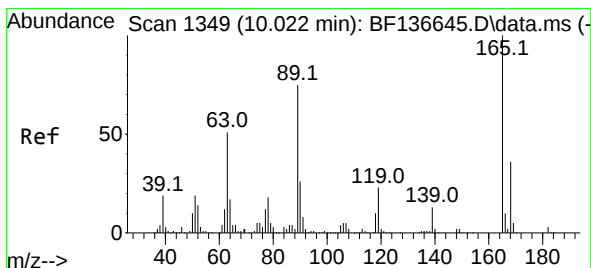
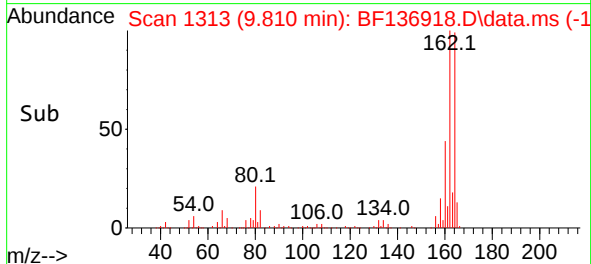
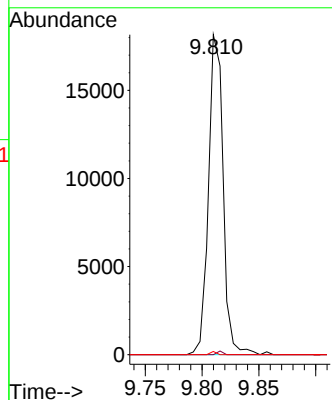
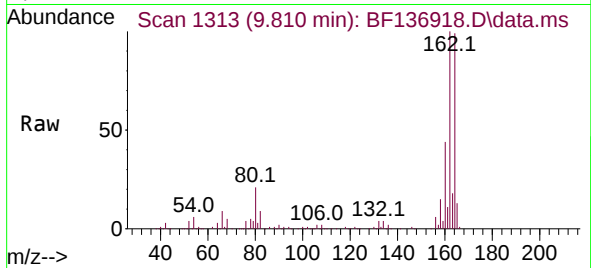




#51
2,6-Dinitrotoluene
Concen: 7.810 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

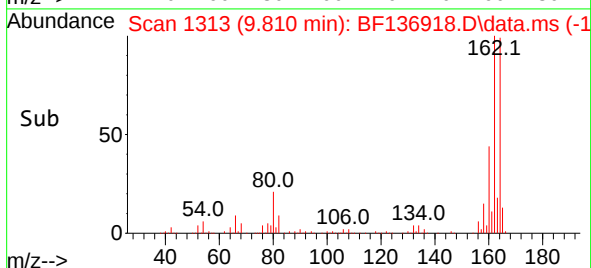
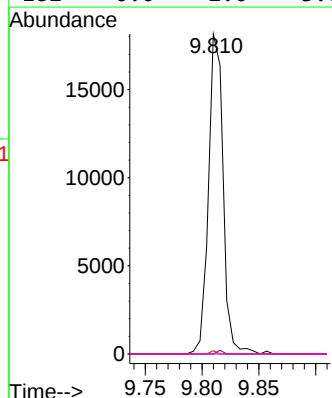
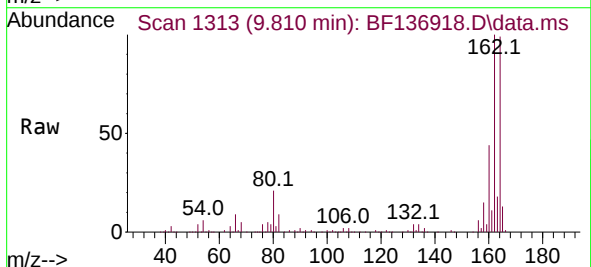
Instrument :
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GHL-SS-21

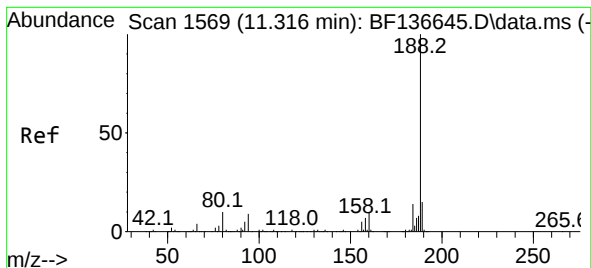
Tgt Ion:165 Resp: 16261
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.0 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.016 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

Tgt Ion:165 Resp: 16261
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.0 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136918.D

Acq: 03 Jan 2024 20:51

Instrument :

BNA_F

ClientSampleId :

GHL-SS-21

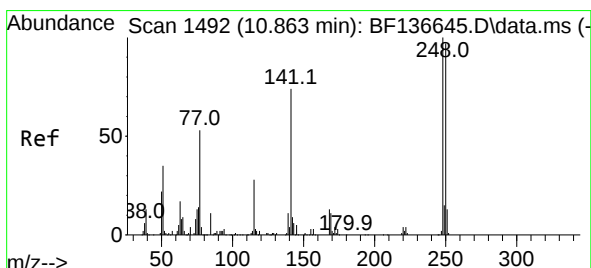
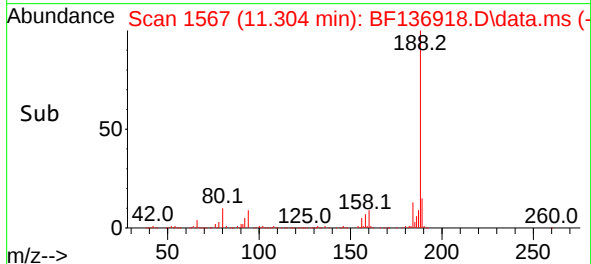
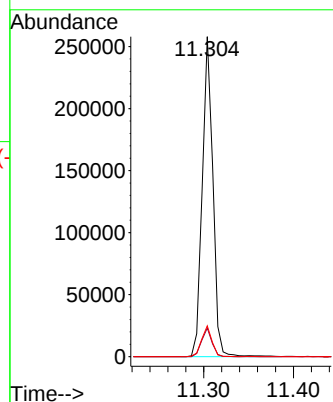
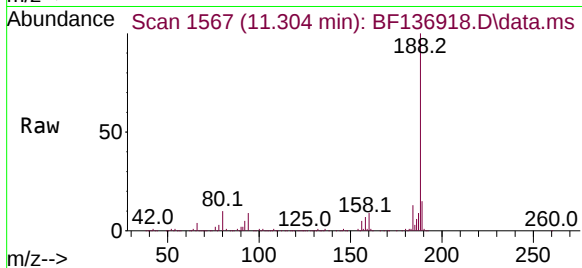
Tgt Ion:188 Resp: 211997

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.7 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.140 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136918.D

Acq: 03 Jan 2024 20:51

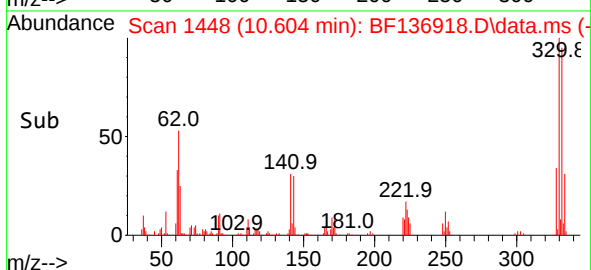
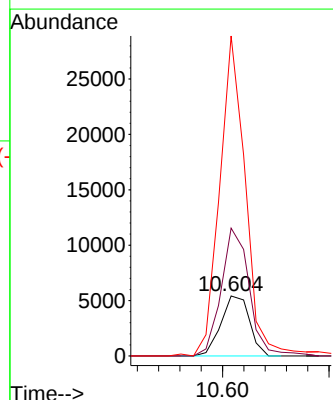
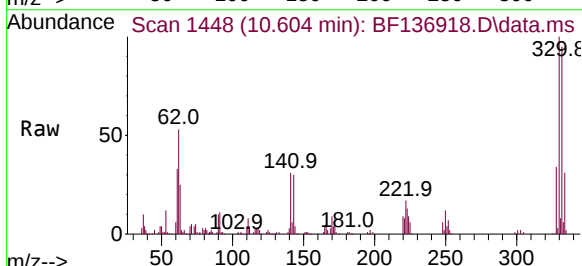
Tgt Ion:248 Resp: 5039

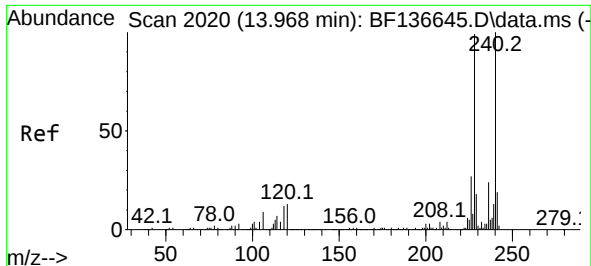
Ion Ratio Lower Upper

248 100

250 213.1 77.8 116.6#

141 533.2 59.2 88.8#

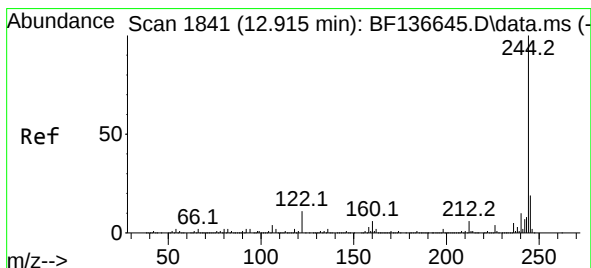
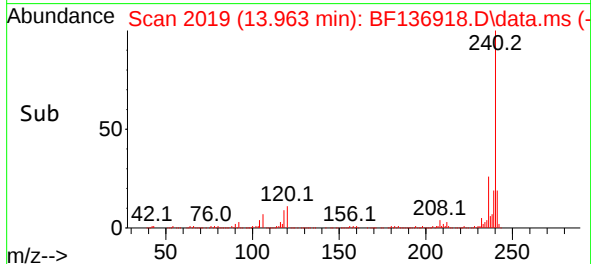
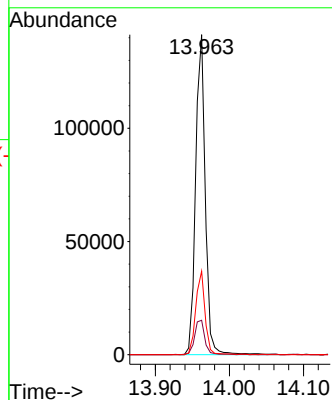
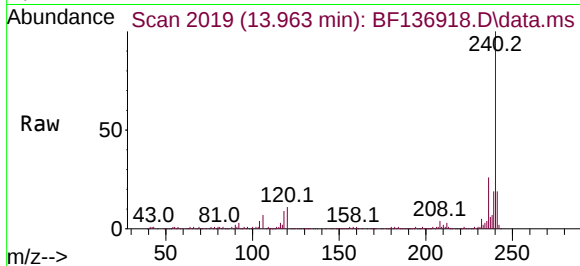




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

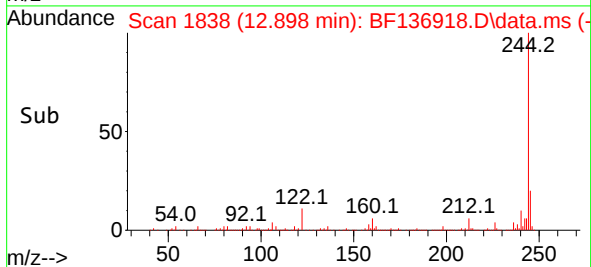
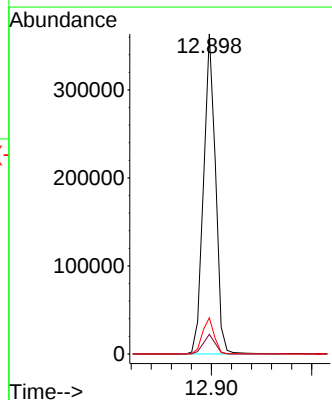
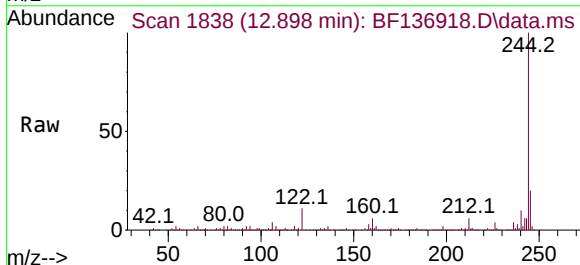
Instrument :
BNA_F
ClientSampleId :
GHL-SS-21

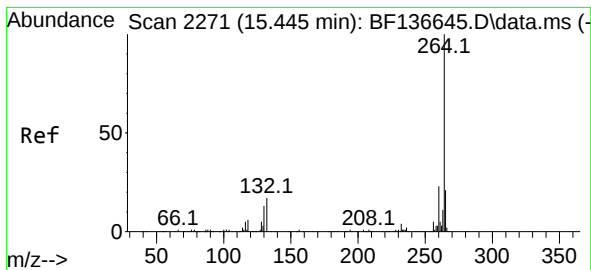
Tgt Ion:240 Resp: 127650
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 26.1 19.4 29.2



#79
Terphenyl-d14
Concen: 33.194 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.018 min
Lab File: BF136918.D
Acq: 03 Jan 2024 20:51

Tgt Ion:244 Resp: 303204
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136918.D
 Acq: 03 Jan 2024 20:51

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-21

Tgt Ion:264 Resp: 151100
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 19.9 17.0 25.6

