

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136921.D
 Acq On : 03 Jan 2024 22:25
 Operator : CG\JU
 Sample : 05897-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-24

Quant Time: Jan 04 03:43:13 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)

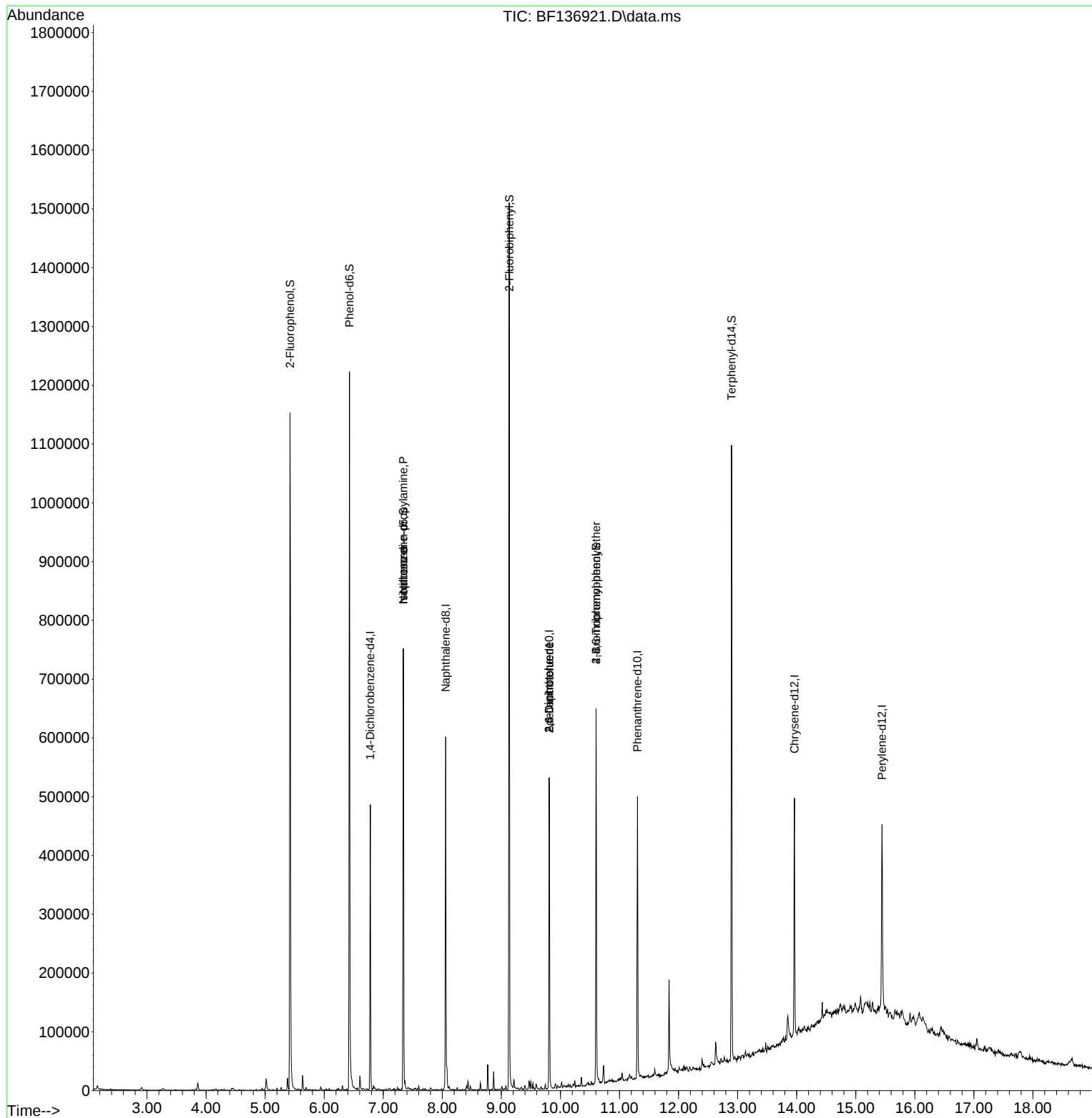
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64635	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	236677	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	107393	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	164349	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	140152	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	148074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	313425	75.661	ng	0.00
7) Phenol-d6	6.428	99	370769	69.074	ng	-0.01
23) Nitrobenzene-d5	7.339	82	231751	50.106	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	76877	60.782	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	435161	54.499	ng	-0.02
79) Terphenyl-d14	12.898	244	365650	36.459	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	30321	9.318	ng	# 75
25) Isophorone	7.339	82	231749	27.537	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	13603	7.641	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	13603	5.886	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	4216	2.310	ng	# 1

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

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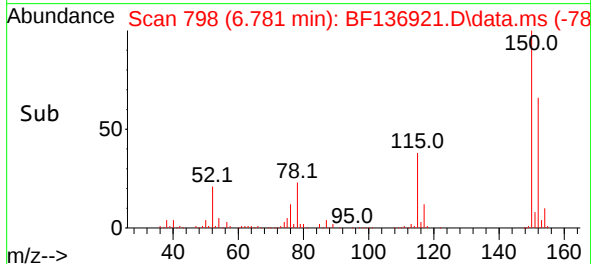
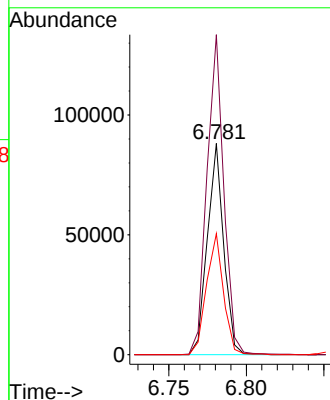
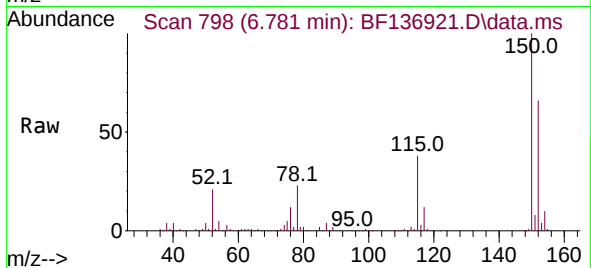




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136921.D
Acq: 03 Jan 2024 22:25

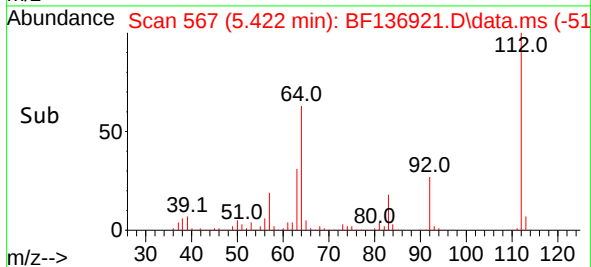
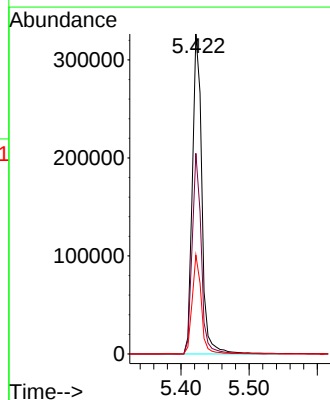
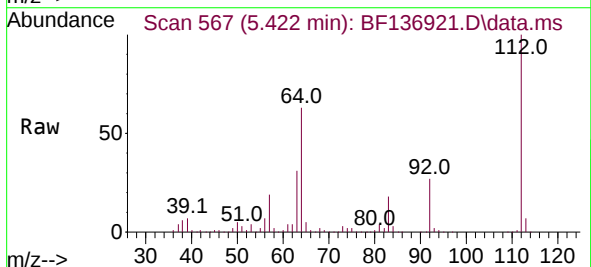
Instrument :
BNA_F
ClientSampleId :
GHL-SS-24

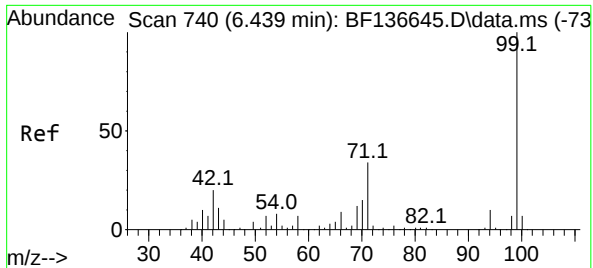
Tgt Ion:152 Resp: 64635
Ion Ratio Lower Upper
152 100
150 151.5 127.0 190.6
115 57.3 49.0 73.4



#5
2-Fluorophenol
Concen: 75.661 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136921.D
Acq: 03 Jan 2024 22:25

Tgt Ion:112 Resp: 313425
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 30.9 26.1 39.1

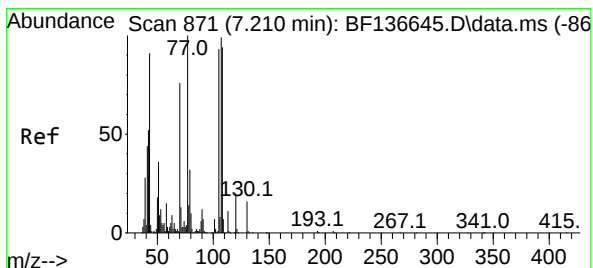
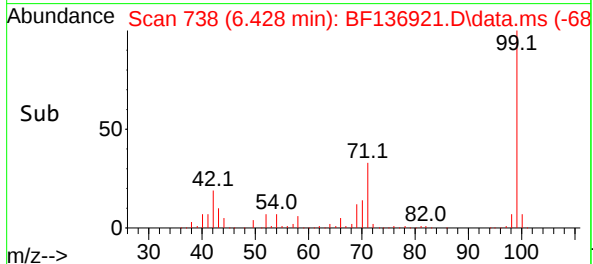
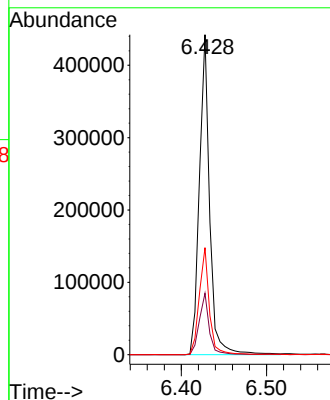
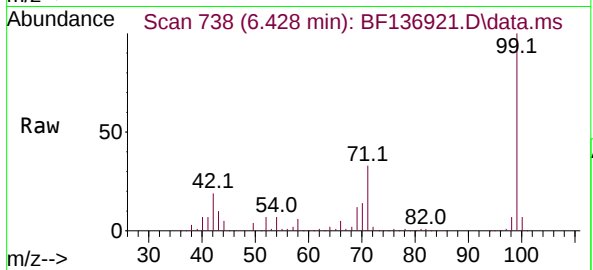




#7
Phenol-d6
Concen: 69.074 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136921.D
Acq: 03 Jan 2024 22:25

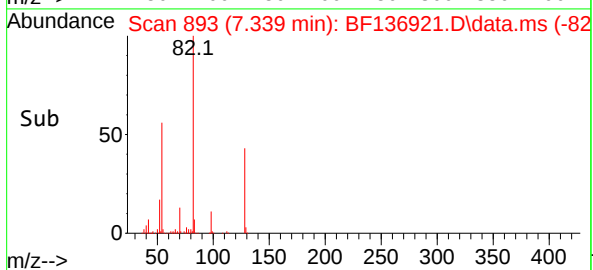
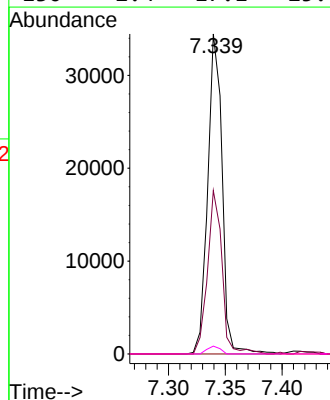
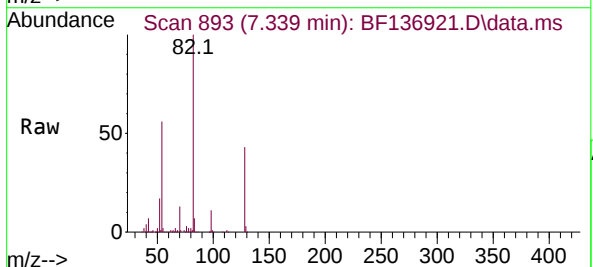
Instrument :
BNA_F
ClientSampleId :
GHL-SS-24

Tgt Ion: 99 Resp: 370769
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 33.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.318 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136921.D
Acq: 03 Jan 2024 22:25

Tgt Ion: 70 Resp: 30321
Ion Ratio Lower Upper
70 100
42 51.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#



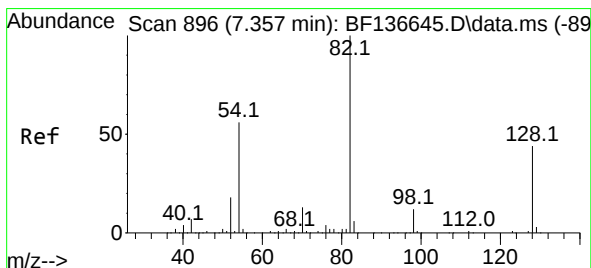
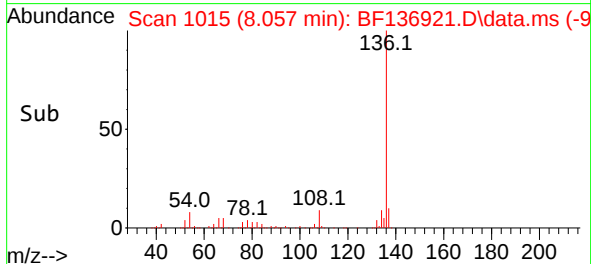
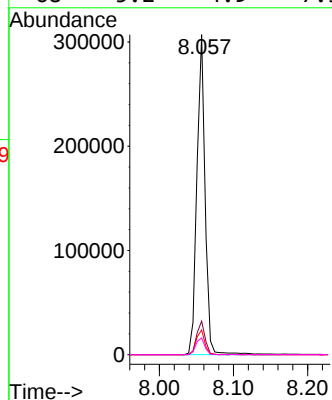
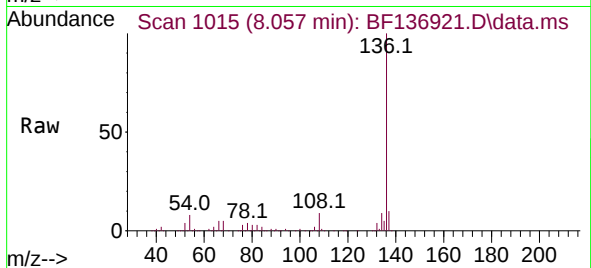


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136921.D
Acq: 03 Jan 2024 22:25

Instrument :
BNA_F
ClientSampleId :
GHL-SS-24

Tgt Ion:136 Resp: 236677

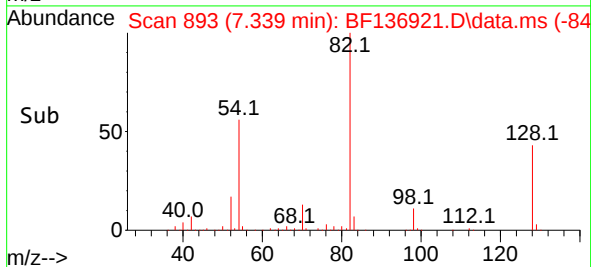
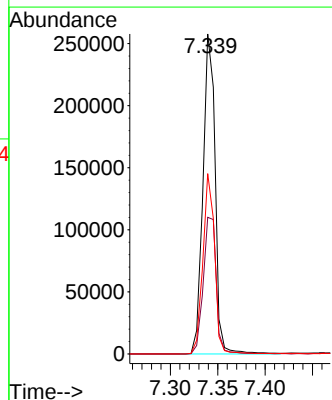
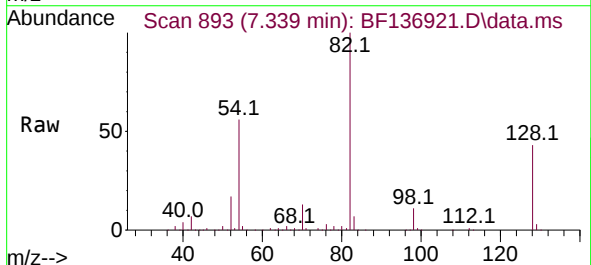
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.7	7.2	10.8
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 50.106 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136921.D
Acq: 03 Jan 2024 22:25

Tgt Ion: 82 Resp: 231751

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.3	52.9
54	56.3	44.5	66.7

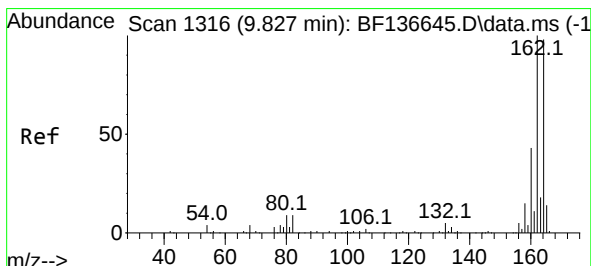
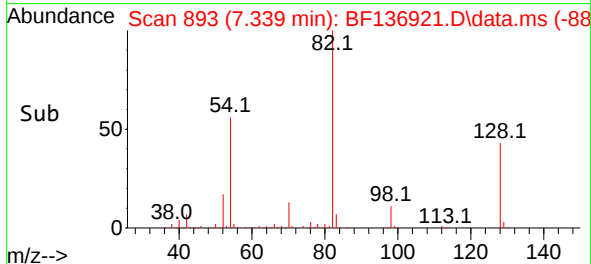
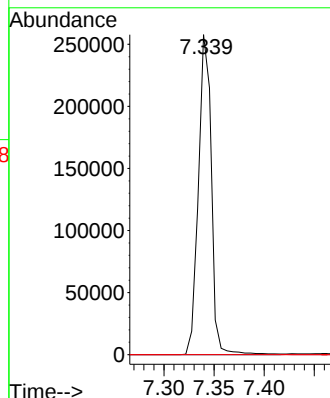
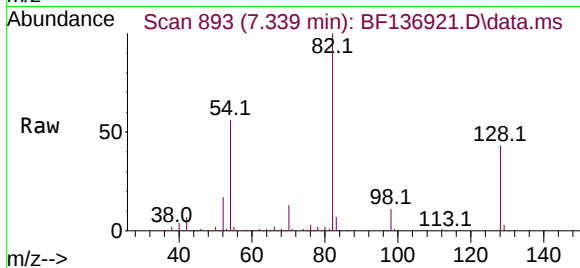




#25
Isophorone
Concen: 27.537 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136921.D
Acq: 03 Jan 2024 22:25

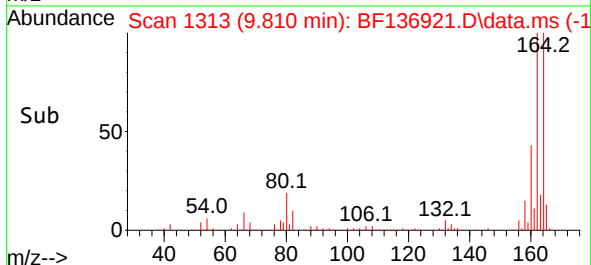
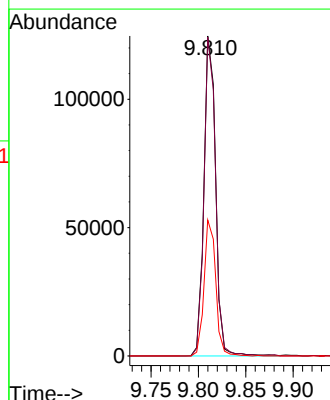
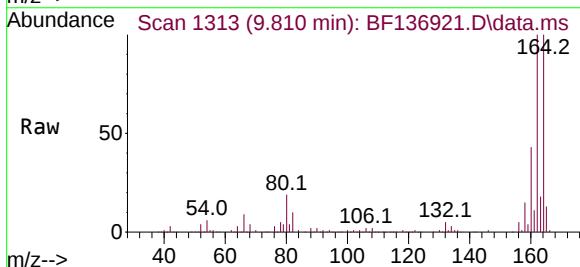
Instrument :
BNA_F
ClientSampleId :
GHL-SS-24

Tgt Ion: 82 Resp: 231749
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: BF136921.D
Acq: 03 Jan 2024 22:25

Tgt Ion:164 Resp: 107393
Ion Ratio Lower Upper
164 100
162 99.7 81.6 122.4
160 42.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 60.782 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF136921.D

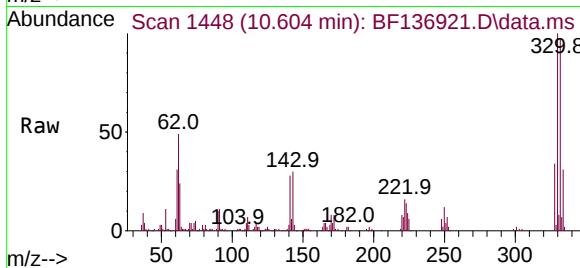
Acq: 03 Jan 2024 22:25

Instrument :

BNA_F

ClientSampleId :

GHL-SS-24



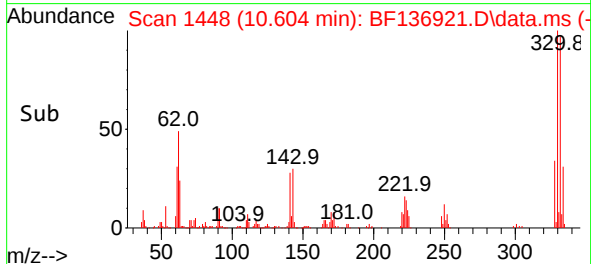
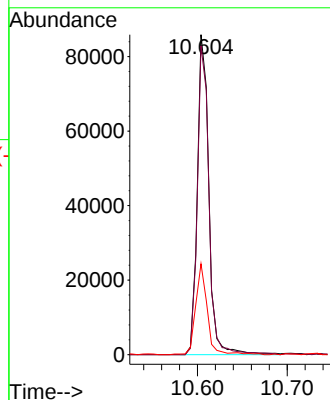
Tgt Ion:330 Resp: 76877

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 54.499 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136921.D

Acq: 03 Jan 2024 22:25

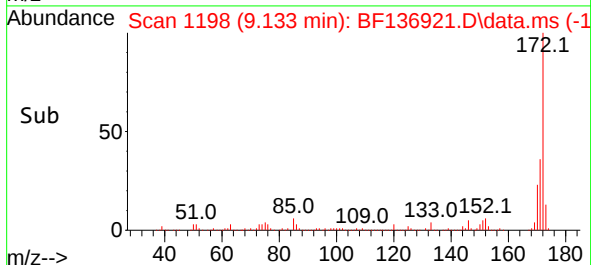
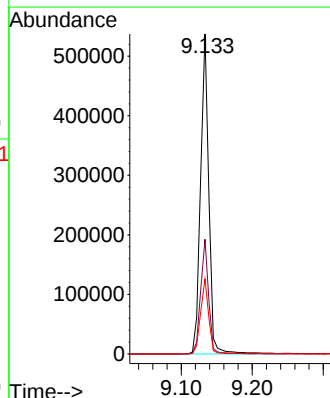
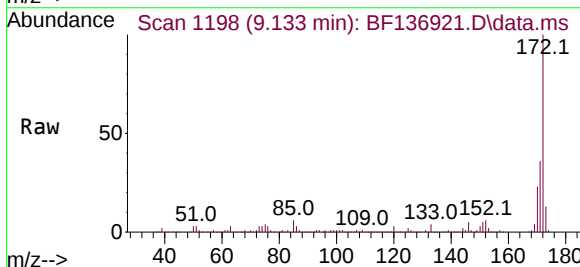
Tgt Ion:172 Resp: 435161

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.5 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.641 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF136921.D

Acq: 03 Jan 2024 22:25

Instrument :

BNA_F

ClientSampleId :

GHL-SS-24

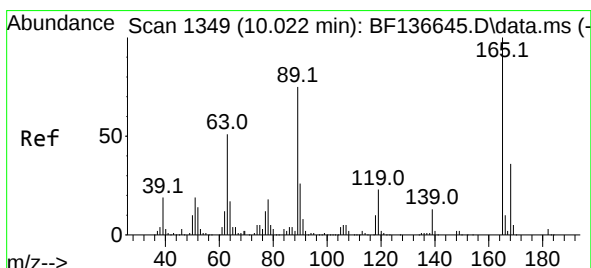
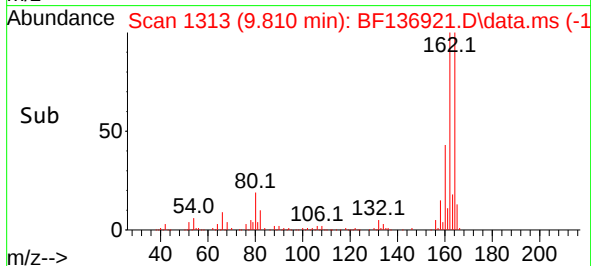
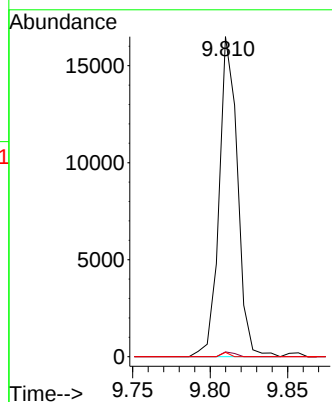
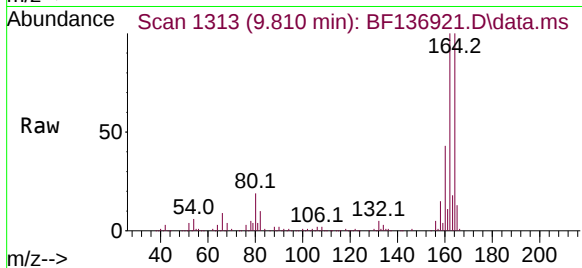
Tgt Ion:165 Resp: 13603

Ion Ratio Lower Upper

165 100

63 1.5 39.8 59.6#

89 1.3 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 5.886 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.212 min

Lab File: BF136921.D

Acq: 03 Jan 2024 22:25

Tgt Ion:165 Resp: 13603

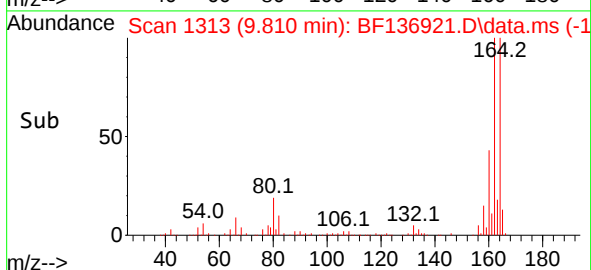
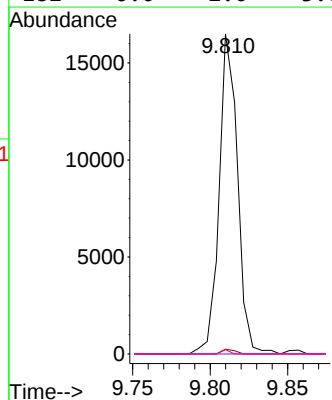
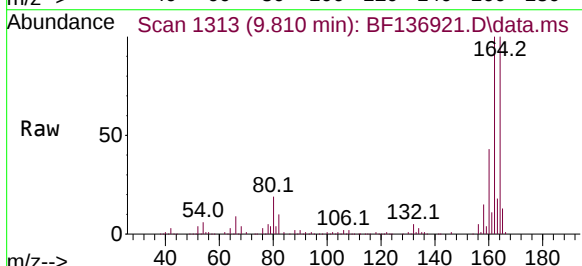
Ion Ratio Lower Upper

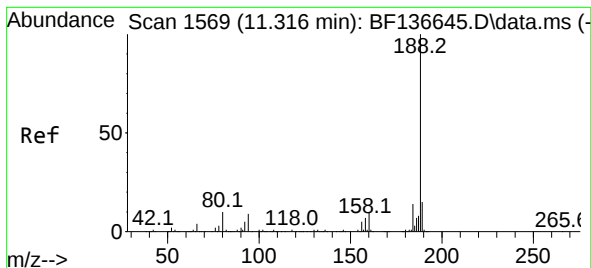
165 100

63 1.5 41.0 61.6#

89 1.3 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: BF136921.D

Acq: 03 Jan 2024 22:25

Instrument :

BNA_F

ClientSampleId :

GHL-SS-24

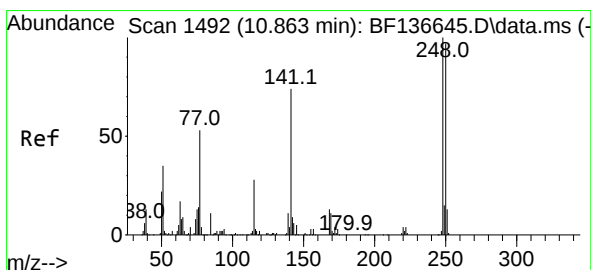
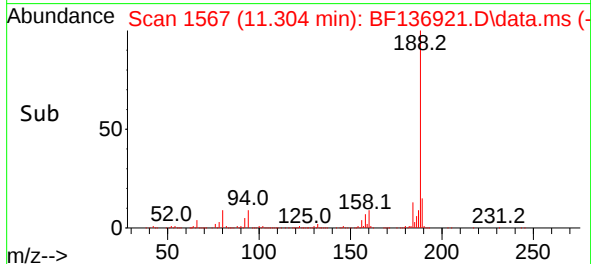
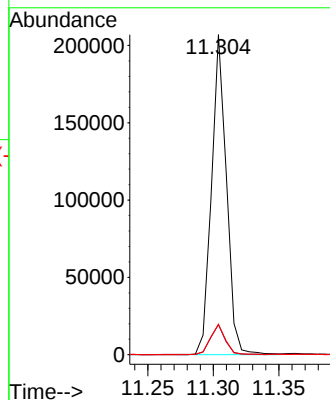
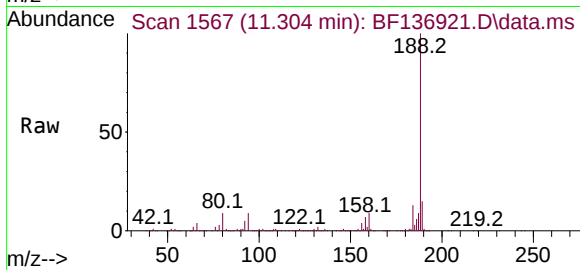
Tgt Ion:188 Resp: 164349

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 9.5 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.310 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136921.D

Acq: 03 Jan 2024 22:25

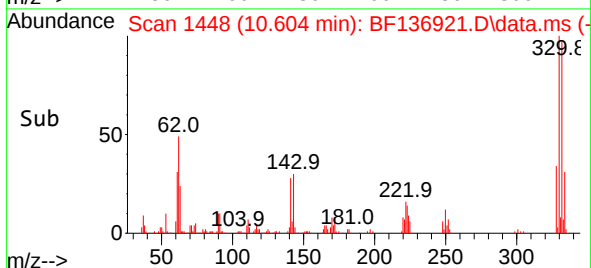
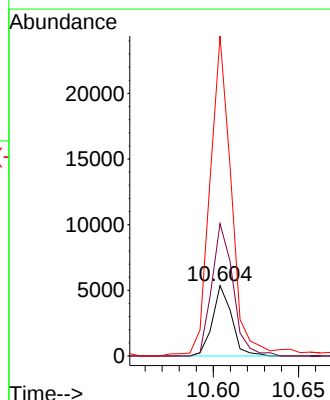
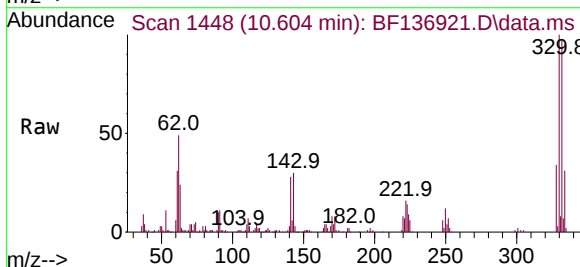
Tgt Ion:248 Resp: 4216

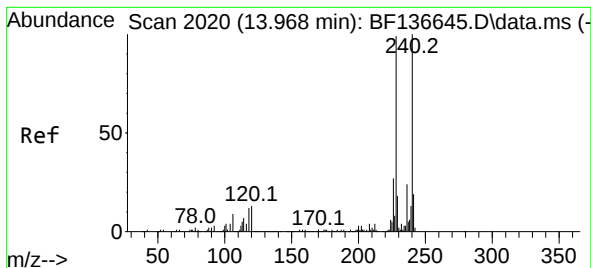
Ion Ratio Lower Upper

248 100

250 188.0 77.8 116.6#

141 454.7 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: BF136921.D

Acq: 03 Jan 2024 22:25

Instrument :

BNA_F

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GHL-SS-24

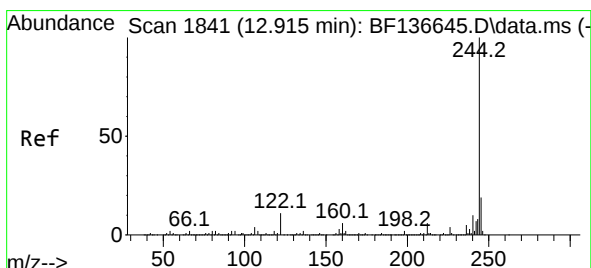
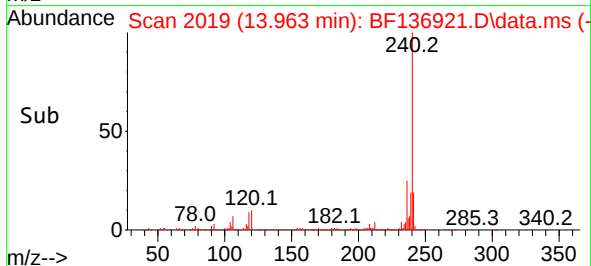
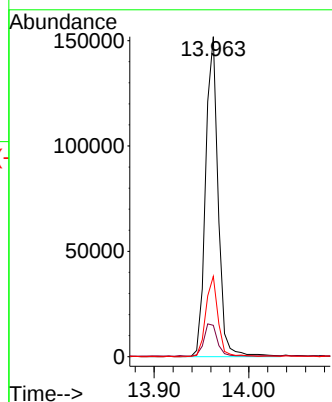
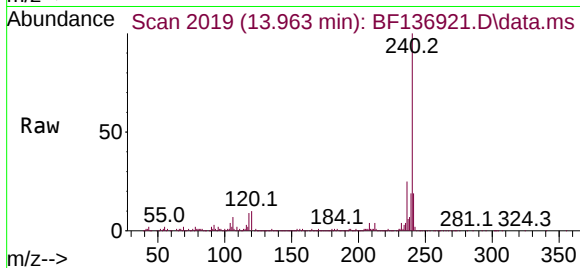
Tgt Ion:240 Resp: 140152

Ion Ratio Lower Upper

240 100

120 9.8 10.3 15.5#

236 25.1 19.4 29.2



#79

Terphenyl-d14

Concen: 36.459 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136921.D

Acq: 03 Jan 2024 22:25

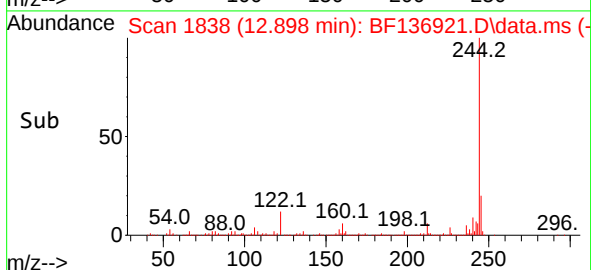
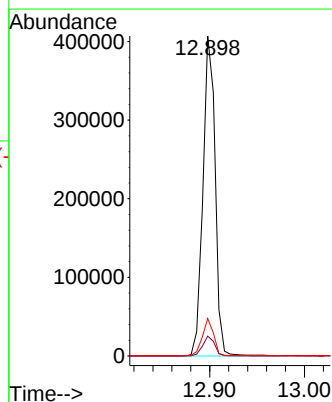
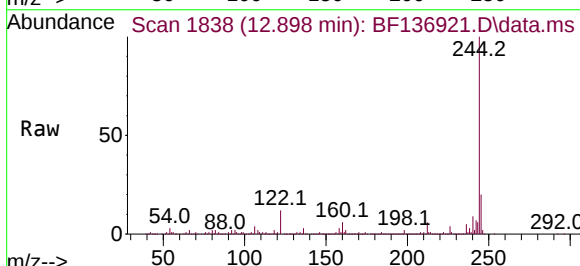
Tgt Ion:244 Resp: 365650

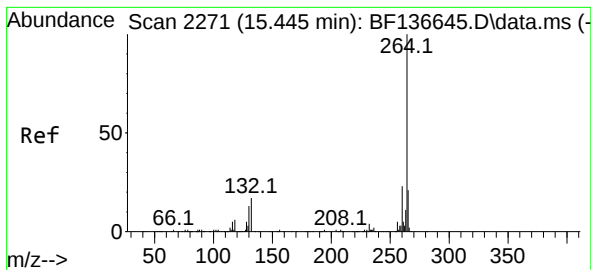
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.7 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: BF136921.D
Acq: 03 Jan 2024 22:25

Instrument :
BNA_F
ClientSampleId :
GHL-SS-24

Tgt Ion:264 Resp: 148074

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.3	27.5
265	21.8	17.0	25.6

