

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136882.D
 Acq On : 02 Jan 2024 20:56
 Operator : CG\JU
 Sample : 05897-23
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-28

Quant Time: Jan 03 02:04:37 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)

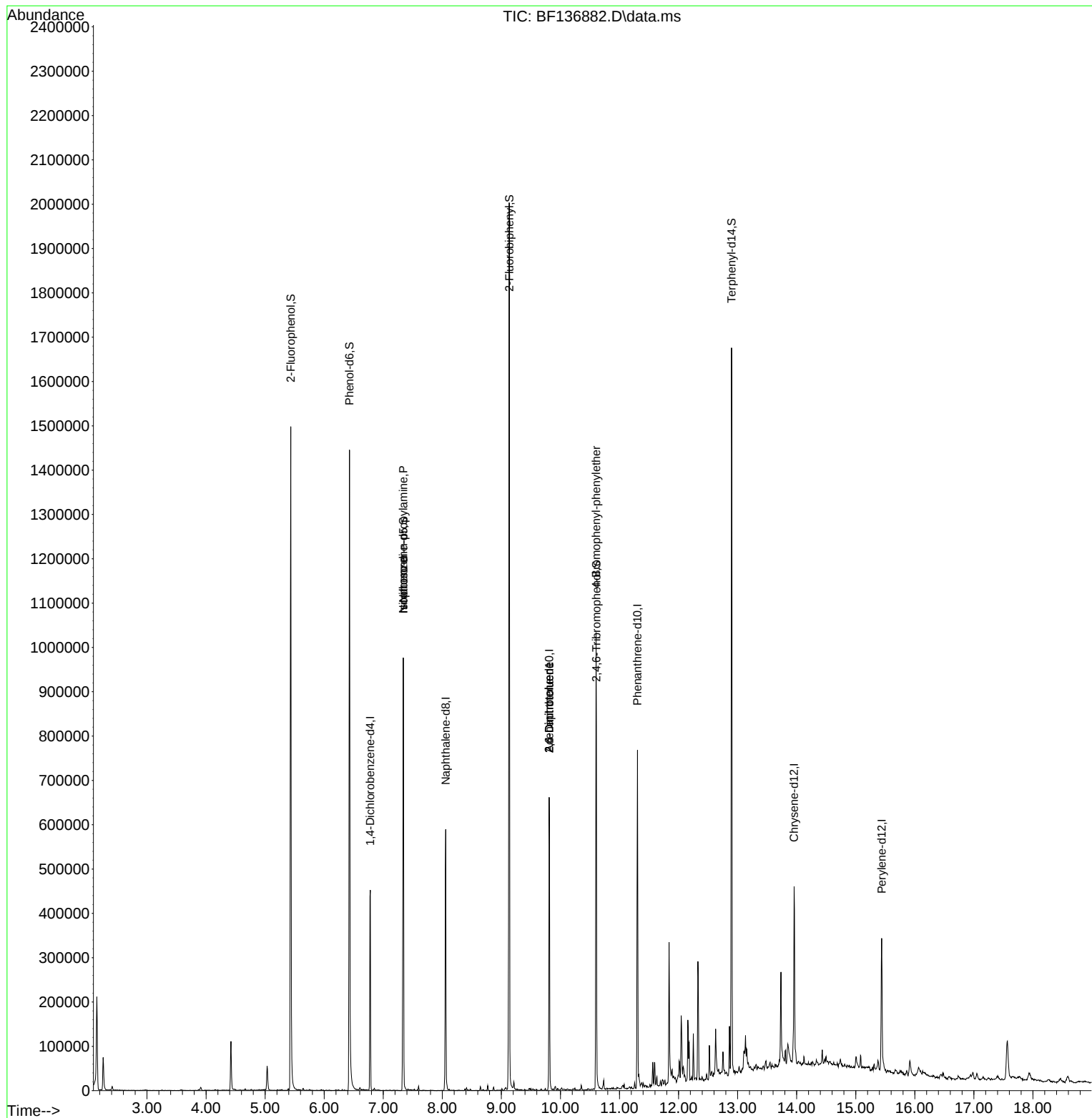
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69925	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	267573	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	134896	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	257308	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	141648	20.000	ng	-0.01
86) Perylene-d12	15.439	264	139891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	404090	90.167	ng	0.00
7) Phenol-d6	6.428	99	501580	86.375	ng	-0.01
23) Nitrobenzene-d5	7.339	82	312701	59.801	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	136278	85.780	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	635901	63.403	ng	-0.02
79) Terphenyl-d14	12.898	244	608931	60.076	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	41348	11.746	ng	# 73
25) Isophorone	7.339	82	309825	32.563	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	17570	7.857	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	17570	6.052	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	7896	2.763	ng	# 1

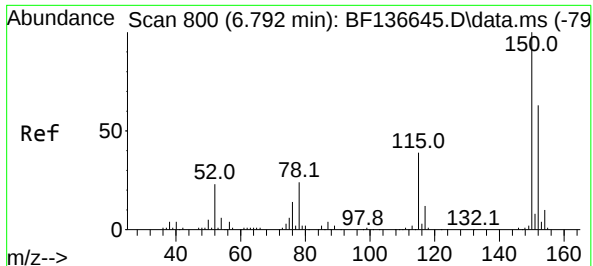
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
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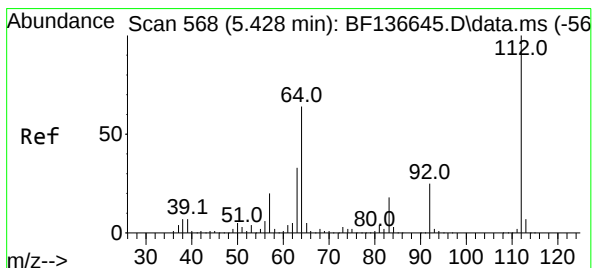
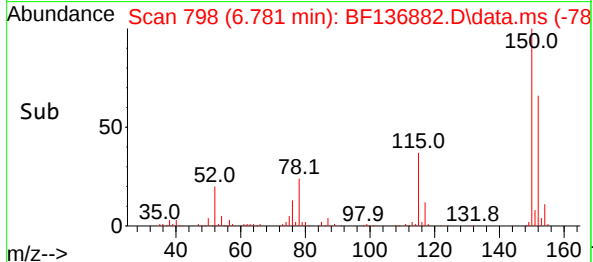
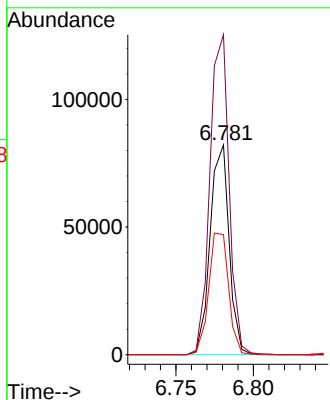
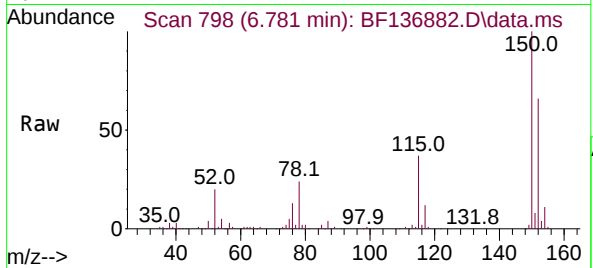




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

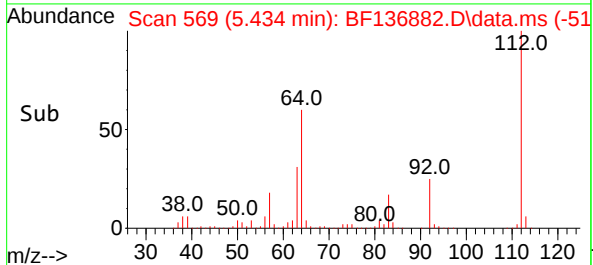
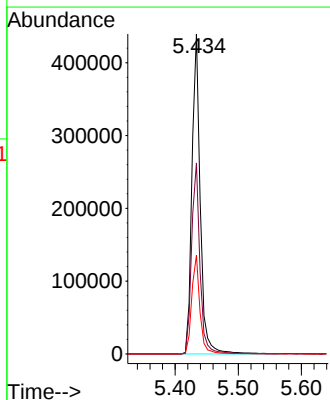
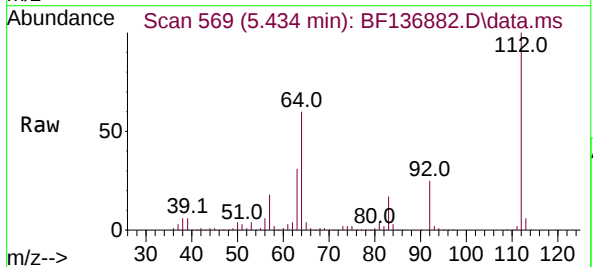
Instrument :
BNA_F
ClientSampleId :
GHL-SS-28

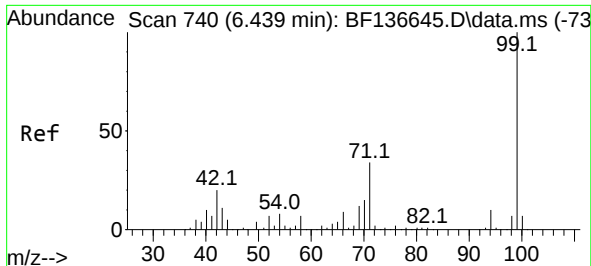
Tgt Ion:152 Resp: 69925
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 57.2 49.0 73.4



#5
2-Fluorophenol
Concen: 90.167 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

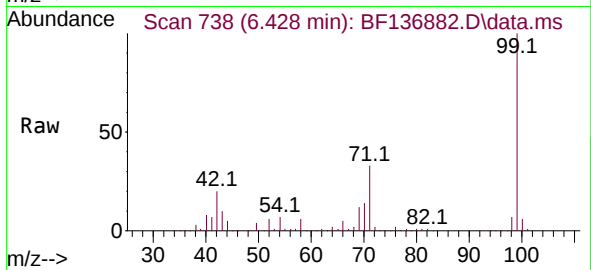
Tgt Ion:112 Resp: 404090
Ion Ratio Lower Upper
112 100
64 59.7 51.1 76.7
63 30.8 26.1 39.1



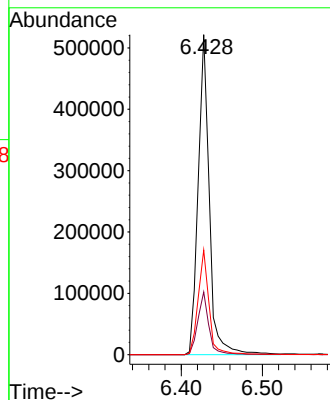
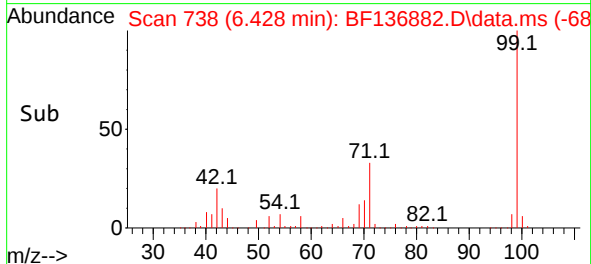


#7
Phenol-d6
Concen: 86.375 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

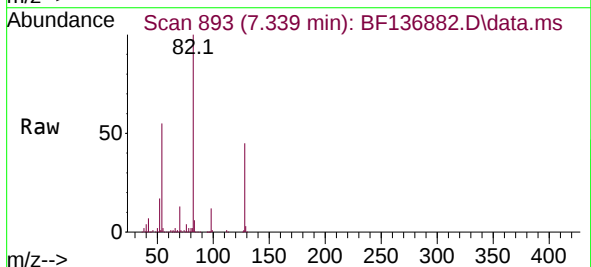
Instrument :
BNA_F
ClientSampleId :
GHL-SS-28



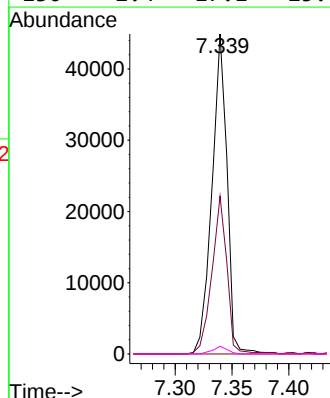
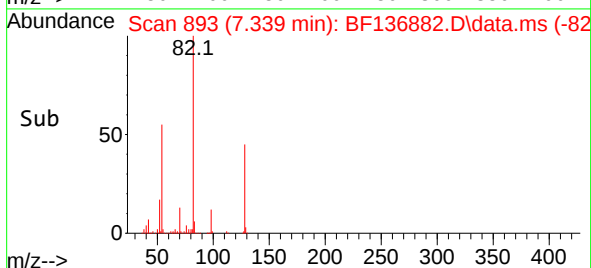
Tgt Ion: 99 Resp: 501580
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 32.7 27.4 41.2

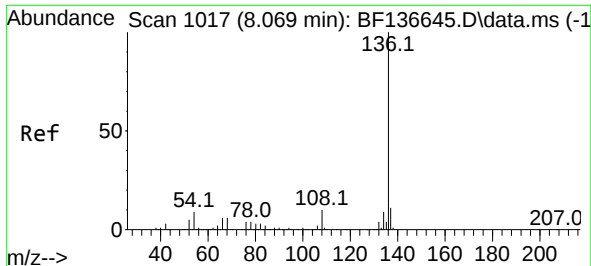


#19
n-Nitroso-di-n-propylamine
Concen: 11.746 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56



Tgt Ion: 70 Resp: 41348
Ion Ratio Lower Upper
70 100
42 49.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#



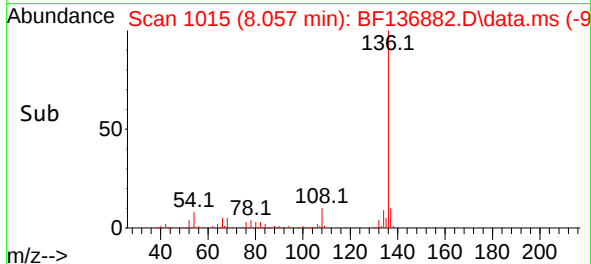
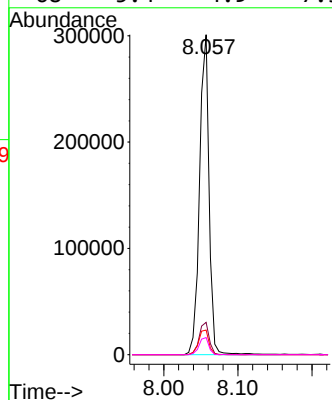
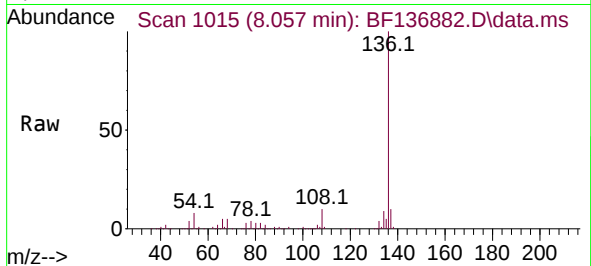


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

Instrument :
BNA_F
ClientSampleId :
GHL-SS-28

Tgt Ion:136 Resp: 267573

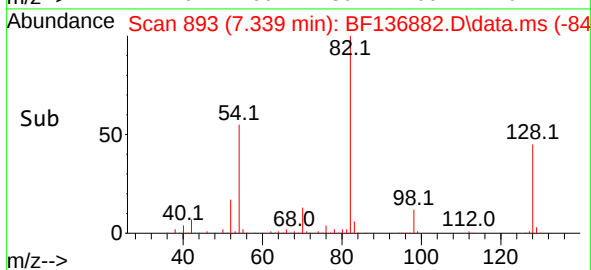
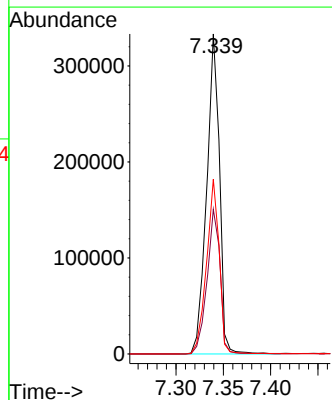
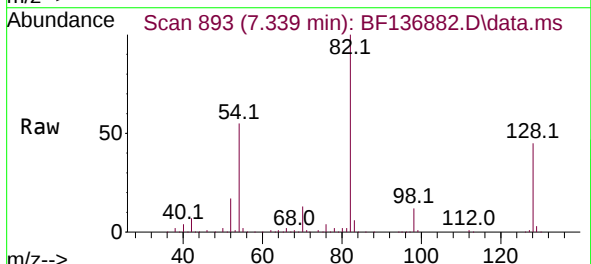
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	7.7	7.2	10.8
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 59.801 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

Tgt Ion: 82 Resp: 312701

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.3	52.9
54	54.6	44.5	66.7

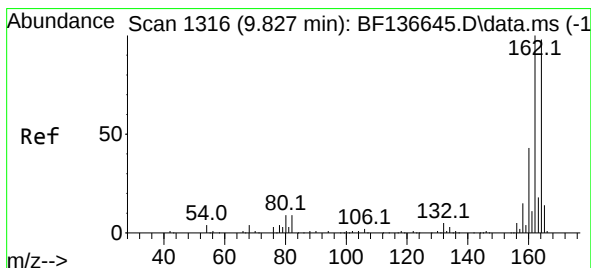
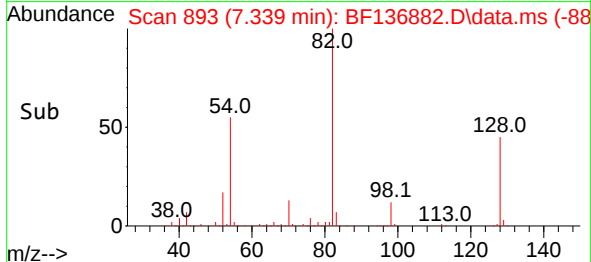
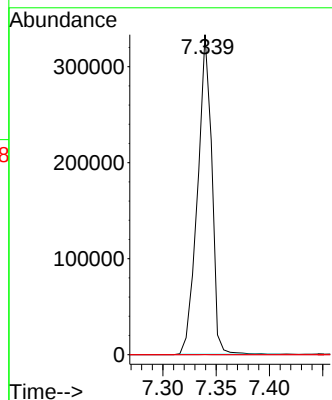
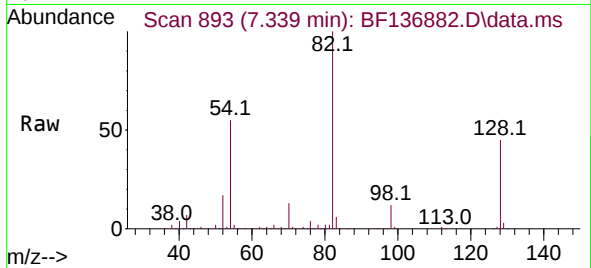




#25
Isophorone
Concen: 32.563 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

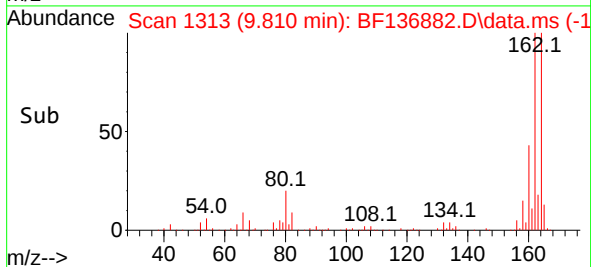
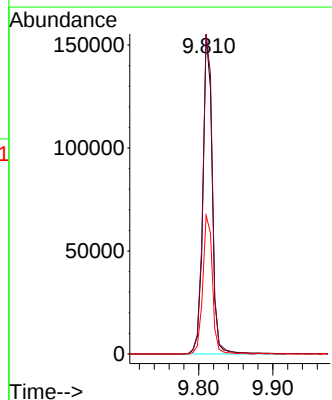
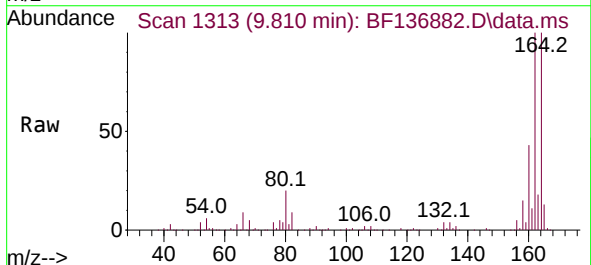
Instrument :
BNA_F
ClientSampleId :
GHL-SS-28

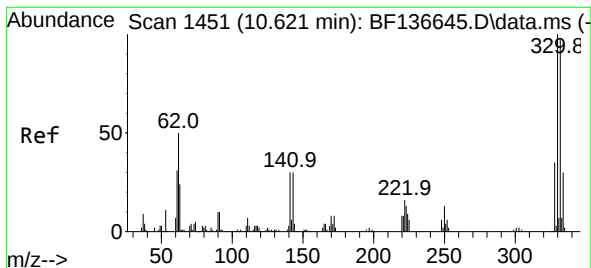
Tgt Ion: 82 Resp: 309825
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

Tgt Ion:164 Resp: 134896
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 43.4 34.9 52.3

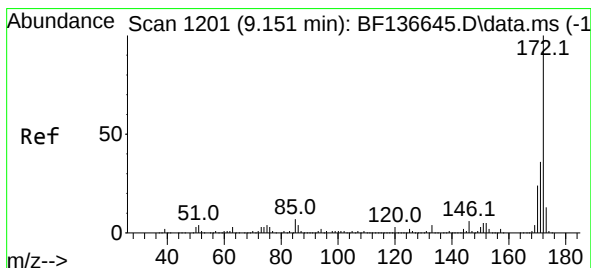
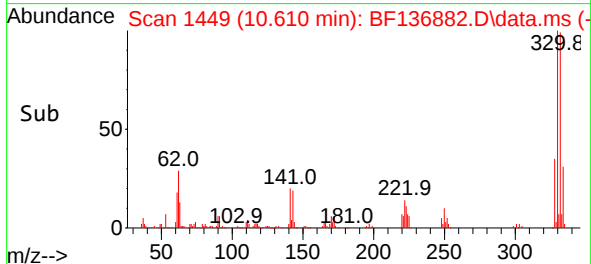
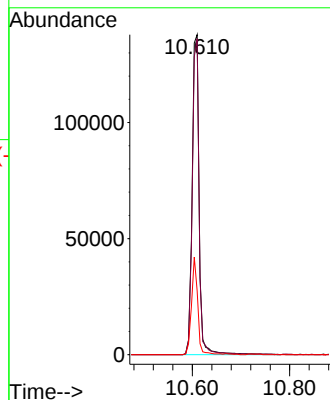
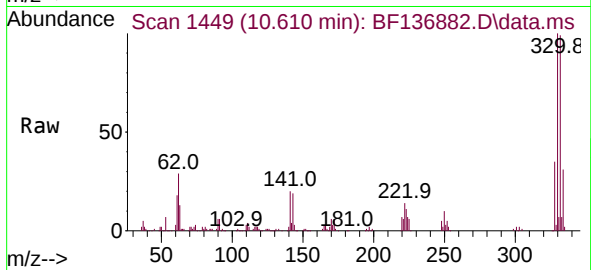




#42
2,4,6-Tribromophenol
Concen: 85.780 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

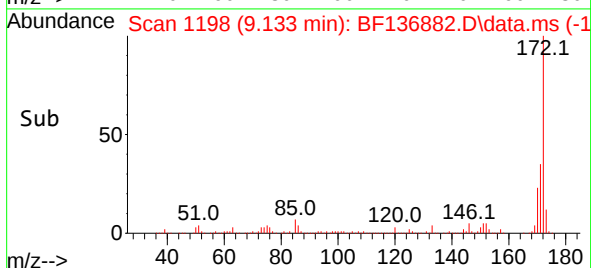
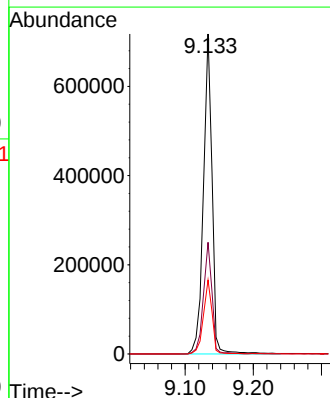
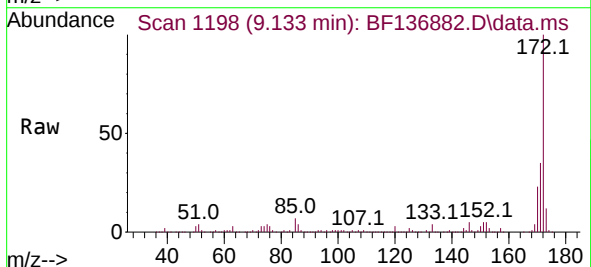
Instrument :
BNA_F
ClientSampleId :
GHL-SS-28

Tgt Ion:330 Resp: 136278
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 27.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 63.403 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

Tgt Ion:172 Resp: 635901
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 23.1 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.857 ng

RT: 9.810 min Scan# 1

Delta R.T. 0.188 min

Lab File: BF136882.D

Acq: 02 Jan 2024 20:56

Instrument :

BNA_F

ClientSampleId :

GHL-SS-28

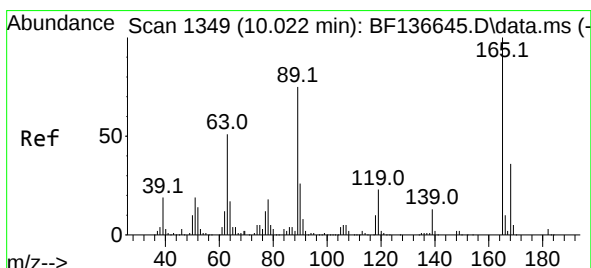
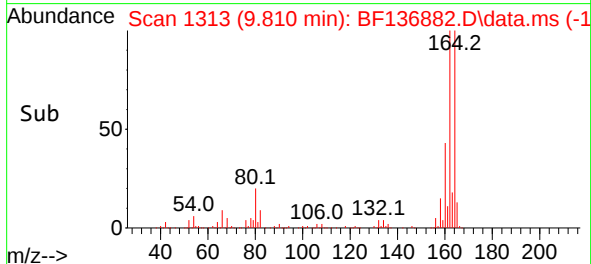
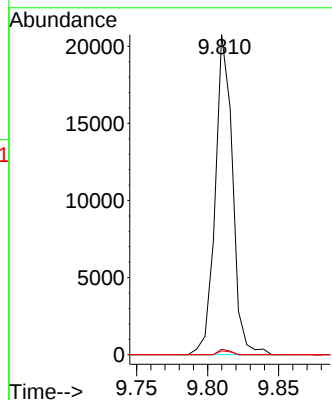
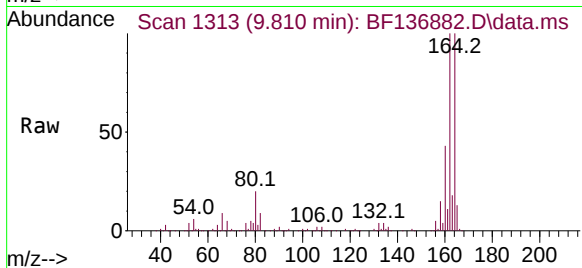
Tgt Ion:165 Resp: 17570

Ion Ratio Lower Upper

165 100

63 1.7 39.8 59.6#

89 1.2 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 6.052 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.212 min

Lab File: BF136882.D

Acq: 02 Jan 2024 20:56

Tgt Ion:165 Resp: 17570

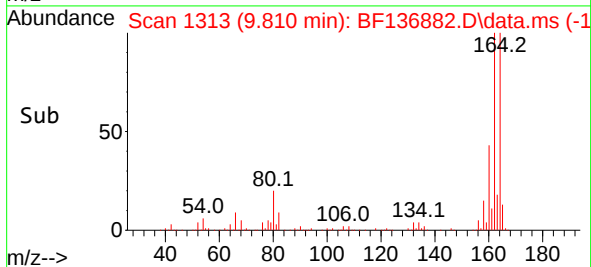
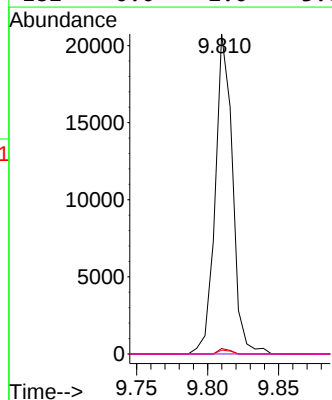
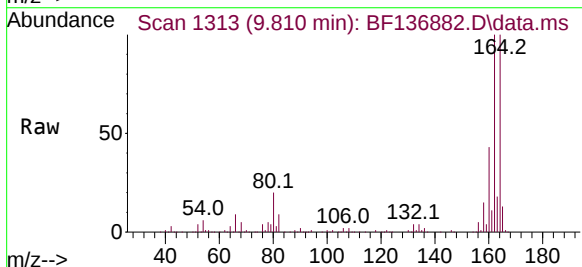
Ion Ratio Lower Upper

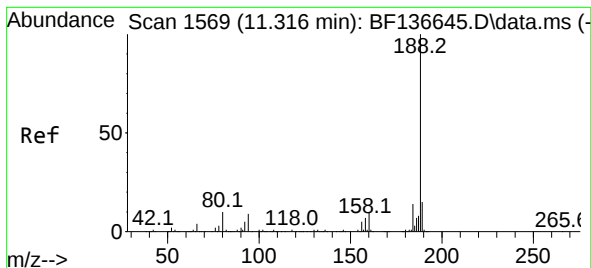
165 100

63 1.7 41.0 61.6#

89 1.2 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: BF136882.D

Acq: 02 Jan 2024 20:56

Instrument :

BNA_F

ClientSampleId :

GHL-SS-28

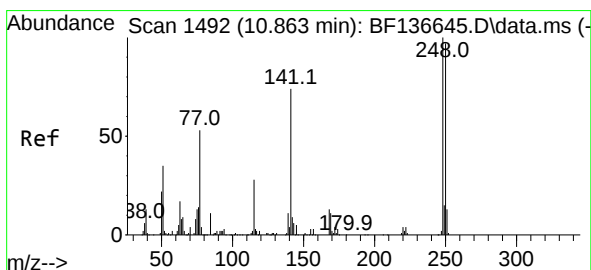
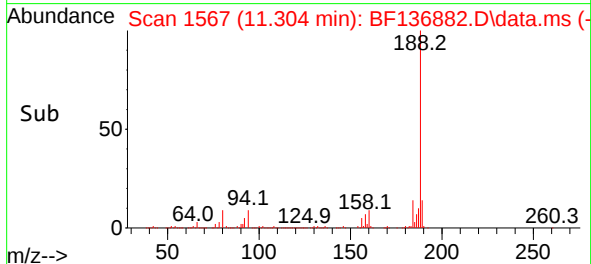
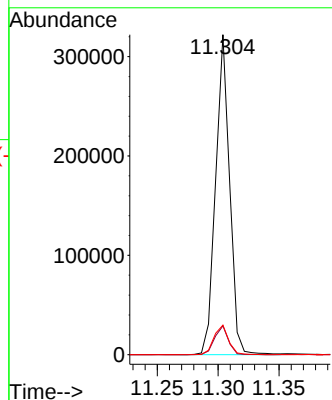
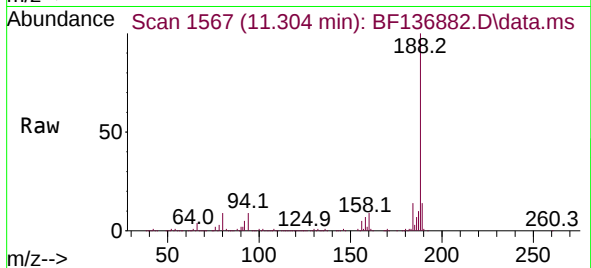
Tgt Ion:188 Resp: 257308

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.2 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.763 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136882.D

Acq: 02 Jan 2024 20:56

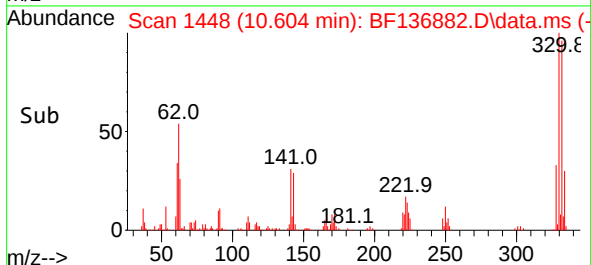
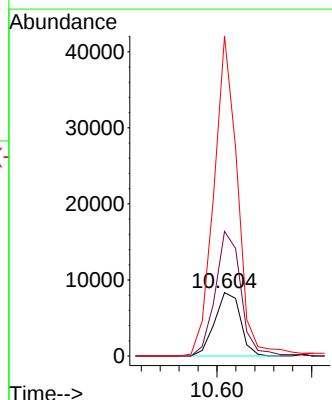
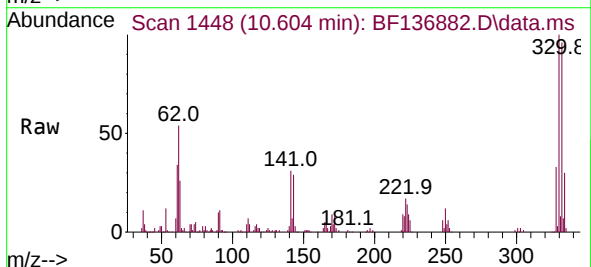
Tgt Ion:248 Resp: 7896

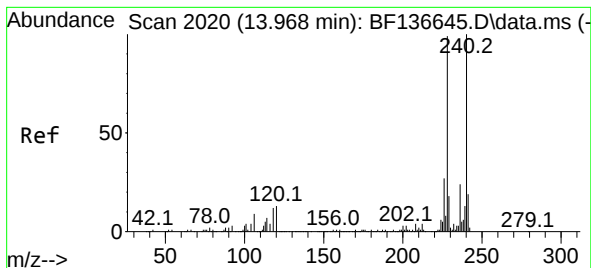
Ion Ratio Lower Upper

248 100

250 196.7 77.8 116.6#

141 504.8 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: BF136882.D

Acq: 02 Jan 2024 20:56

Instrument :

BNA_F

ClientSampleId :

GHL-SS-28

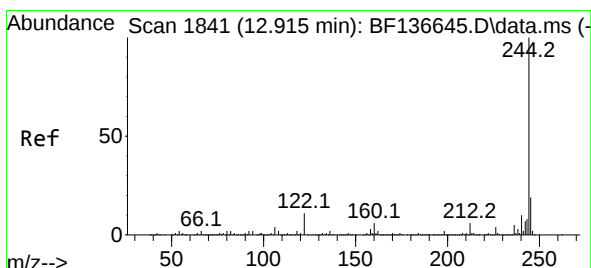
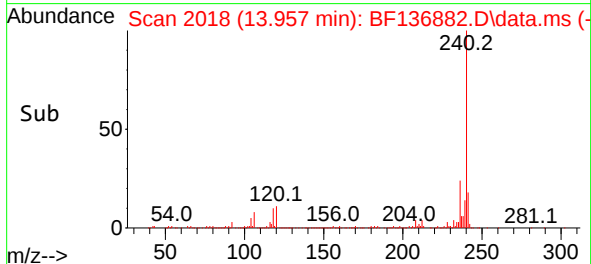
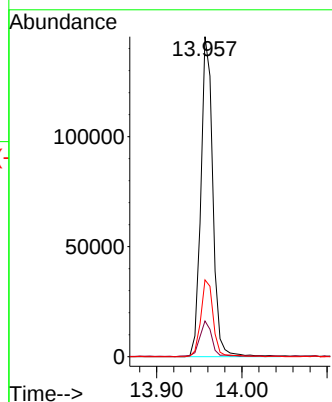
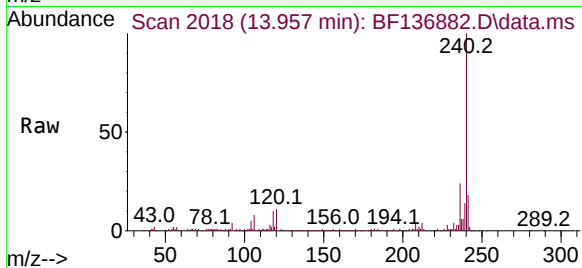
Tgt Ion:240 Resp: 141648

Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

236 24.0 19.4 29.2



#79

Terphenyl-d14

Concen: 60.076 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136882.D

Acq: 02 Jan 2024 20:56

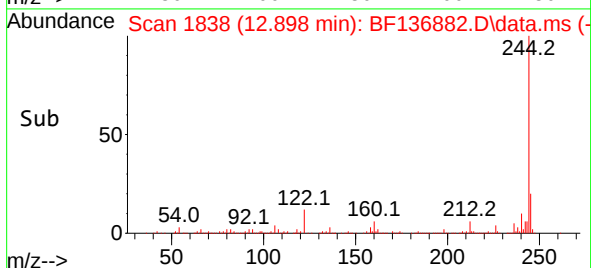
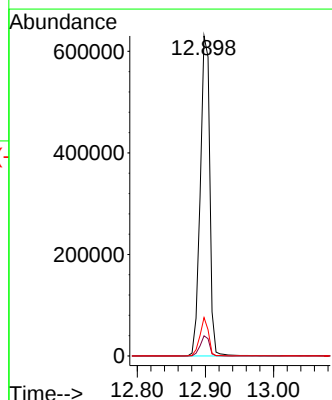
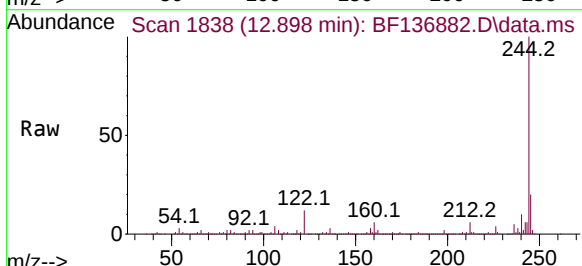
Tgt Ion:244 Resp: 608931

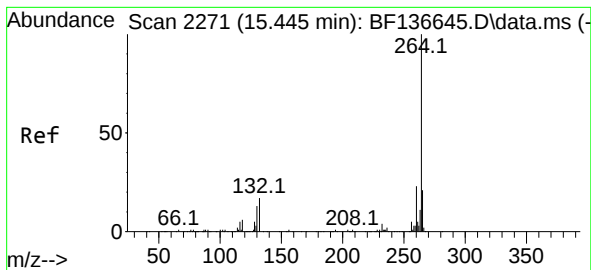
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 12.0 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: BF136882.D
 Acq: 02 Jan 2024 20:56

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-28

Tgt Ion:264 Resp: 139891
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.3 27.5
 265 20.9 17.0 25.6

