

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

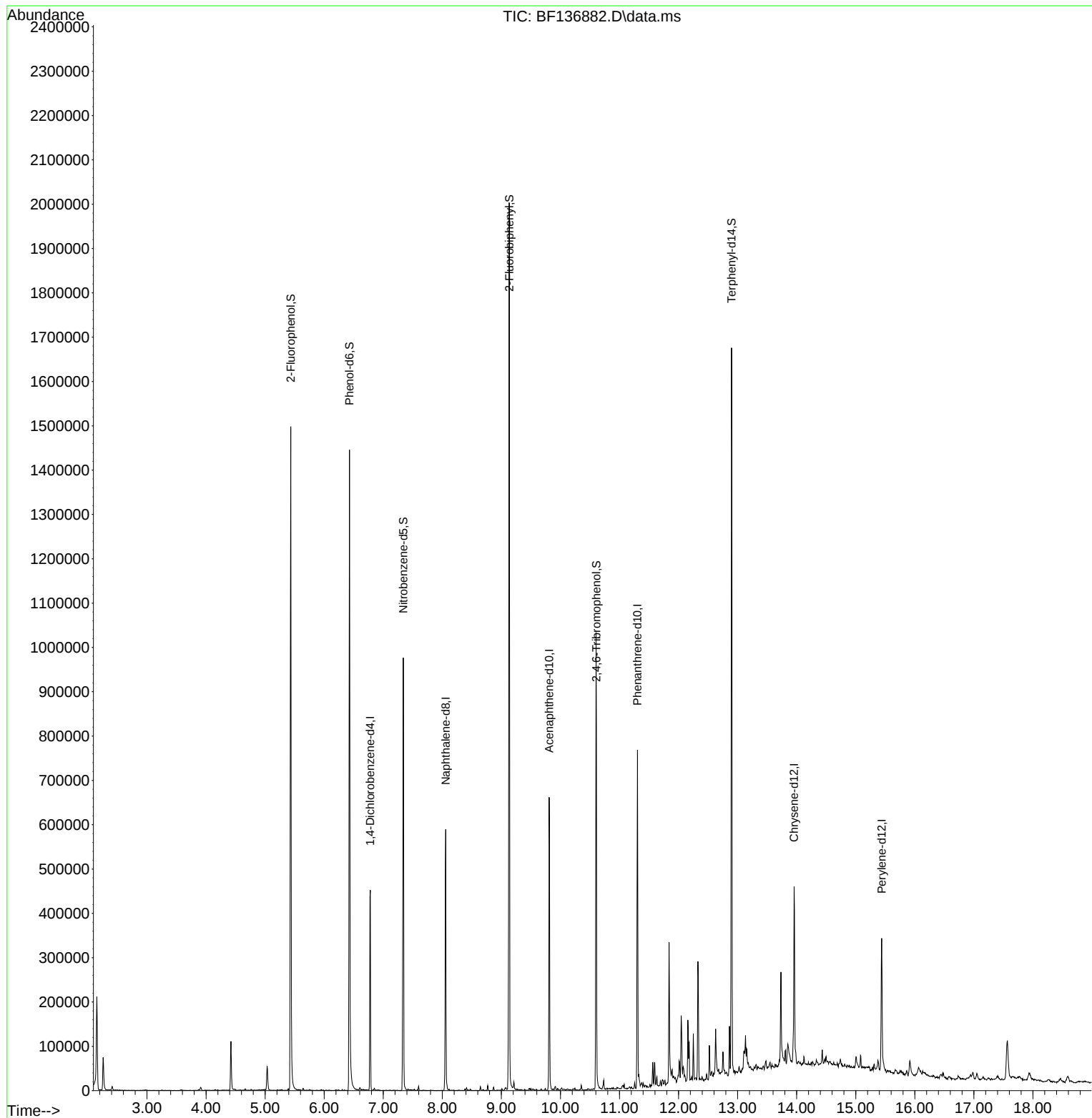
Target Compounds	Qvalue

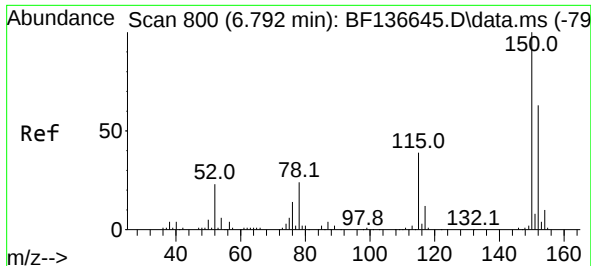
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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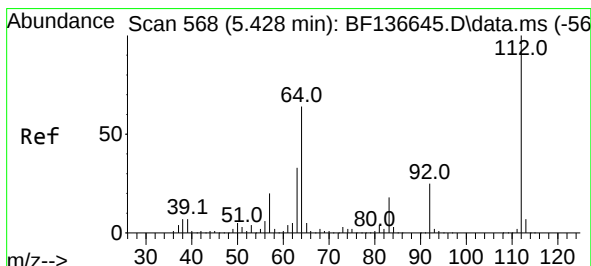
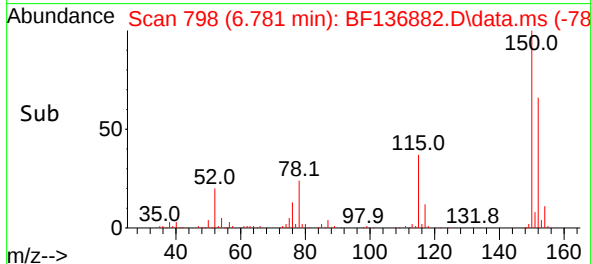
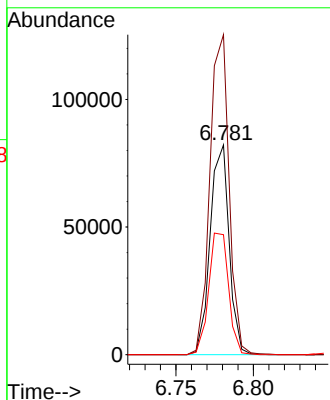
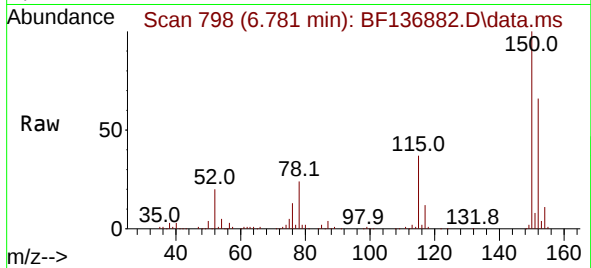




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

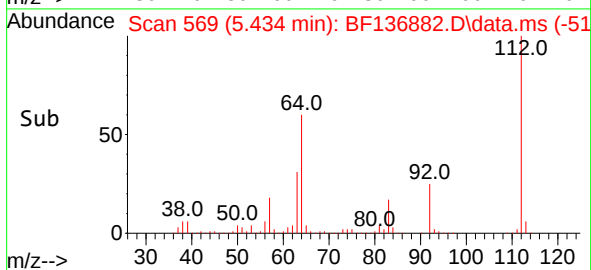
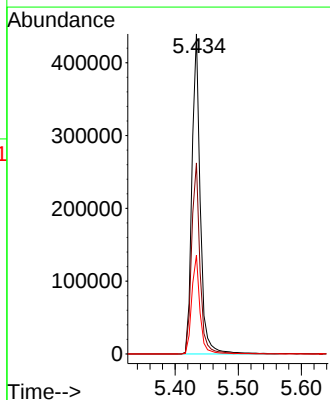
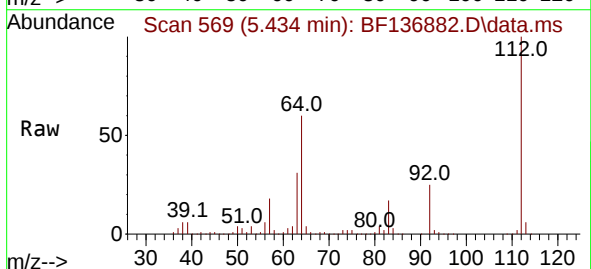
Instrument :
BNA_F
ClientSampleId :
GHL-SS-28

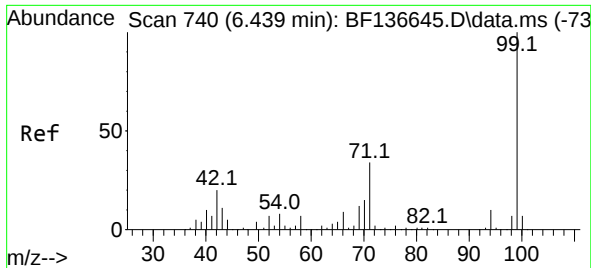
Tgt Ion:152 Resp: 69925
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 57.2 49.0 73.4



#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

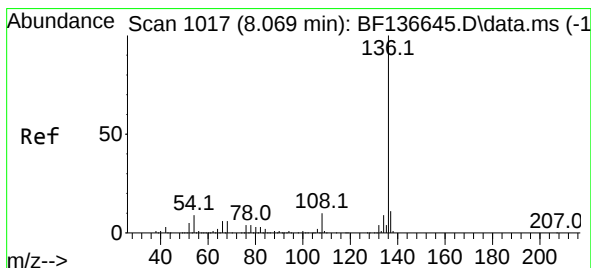
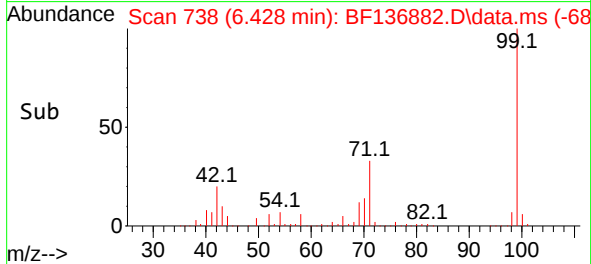
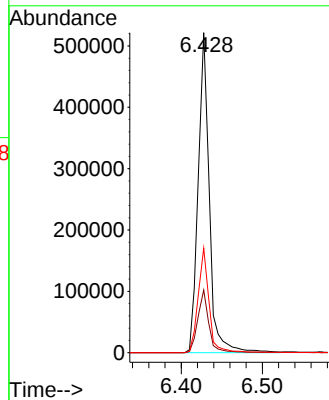
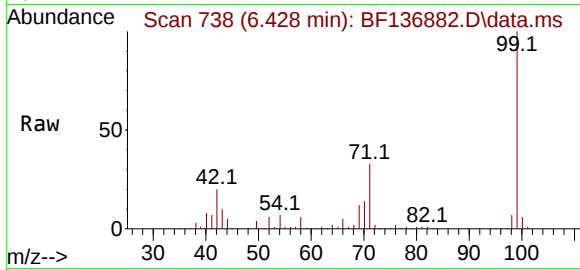
Tgt Ion: 99 Resp: 501580

Ion Ratio Lower Upper

99 100

42 19.6 16.1 24.1

71 32.7 27.4 41.2



#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

Tgt Ion: 136 Resp: 267573

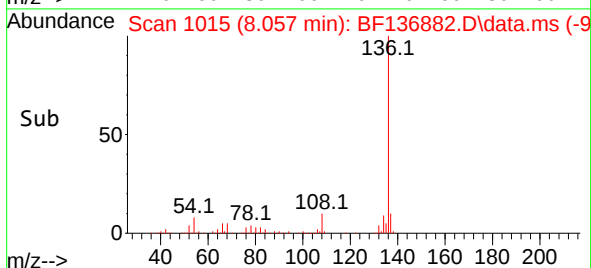
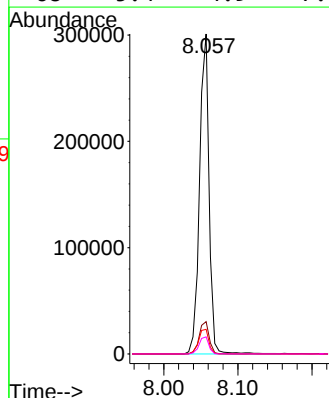
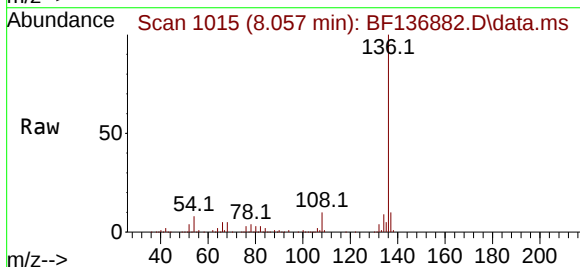
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 7.7 7.2 10.8

68 5.4 4.9 7.3

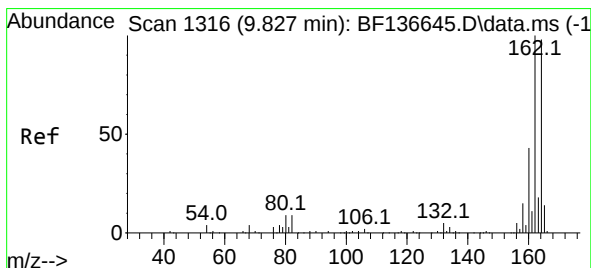
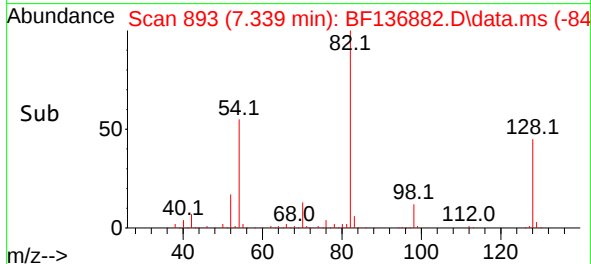
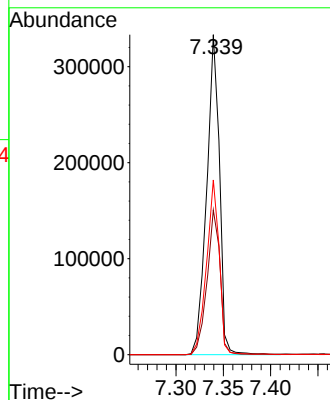
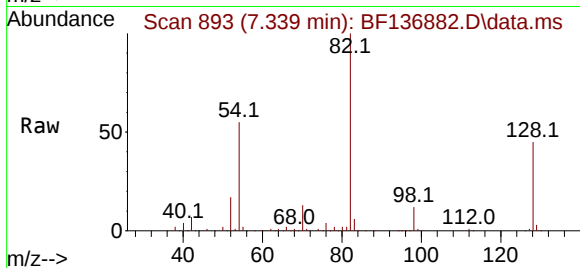




#23
Nitrobenzene-d5
Concen: 59.801 ng
RT: 7.339 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF136882.D
Acq: 02 Jan 2024 20:56

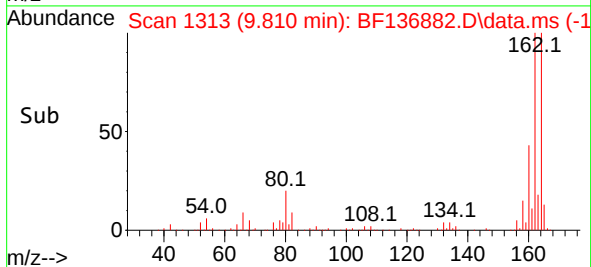
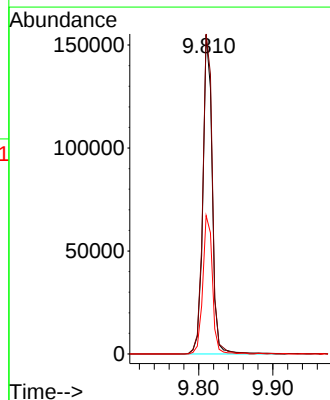
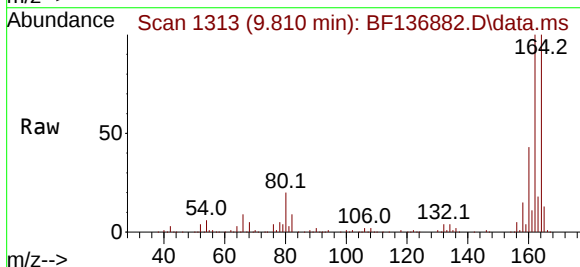
Instrument :
BNA_F
ClientSampleId :
GHL-SS-28

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



#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

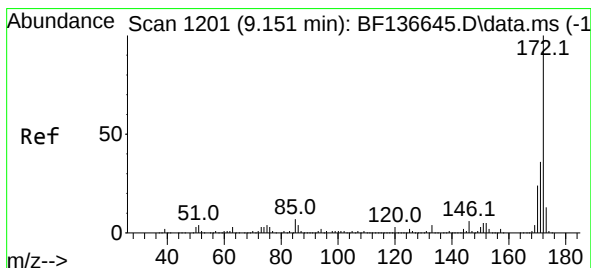
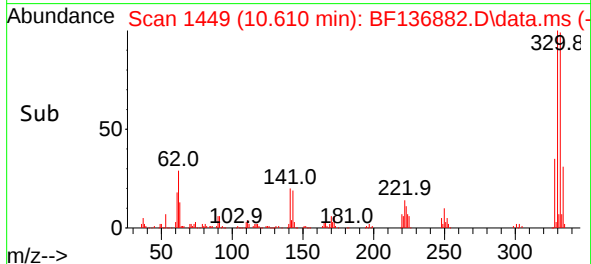
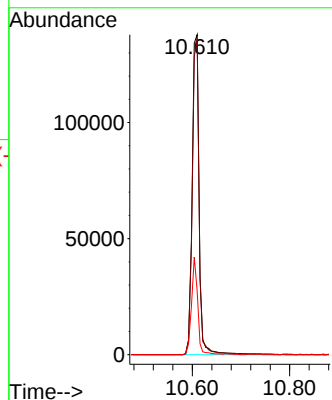
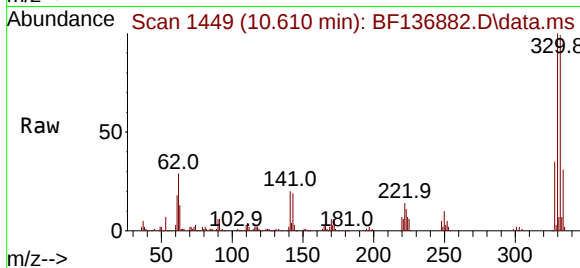
Tgt Ion:330 Resp: 136278

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

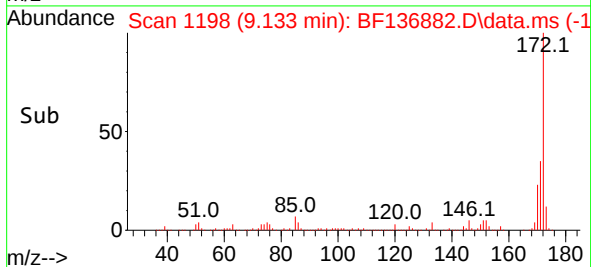
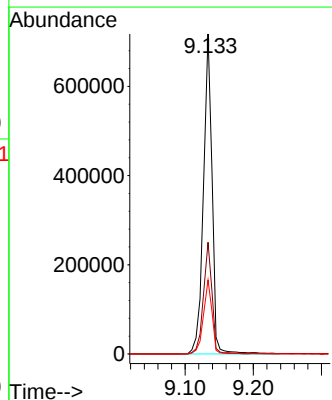
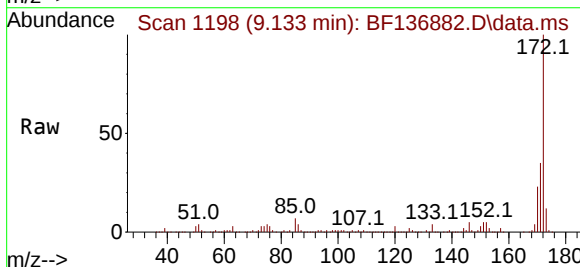
Tgt Ion:172 Resp: 635901

Ion Ratio Lower Upper

172 100

171 34.9 29.0 43.6

170 23.1 19.0 28.4





#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

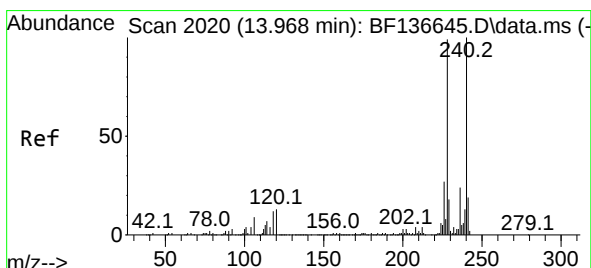
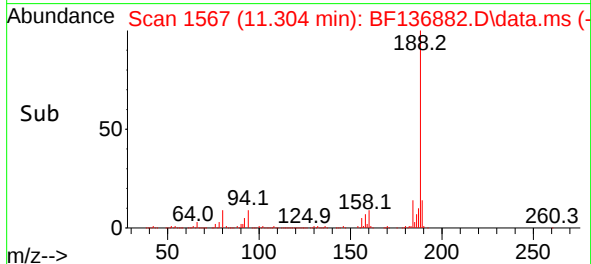
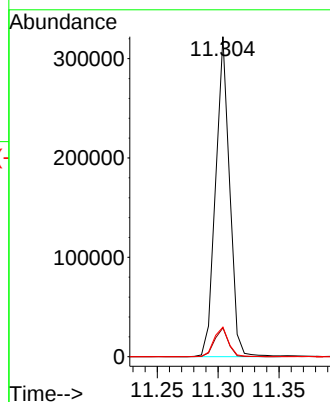
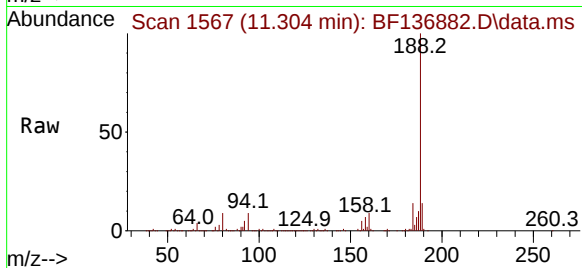
Tgt Ion:188 Resp: 257308

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.2 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF136882.D

Acq: 02 Jan 2024 20:56

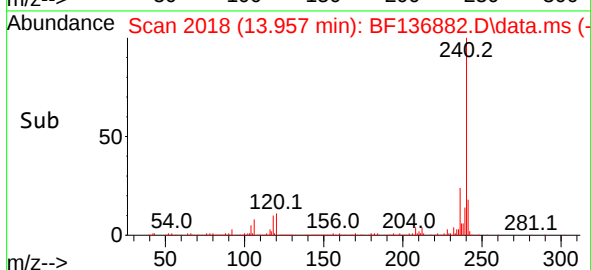
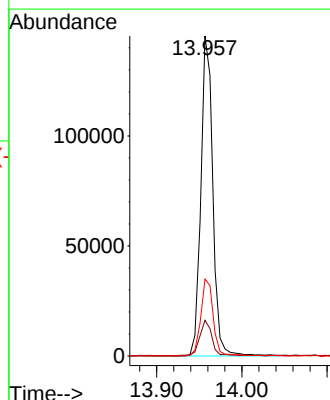
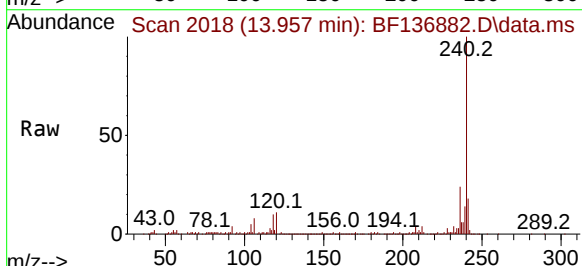
Tgt Ion:240 Resp: 141648

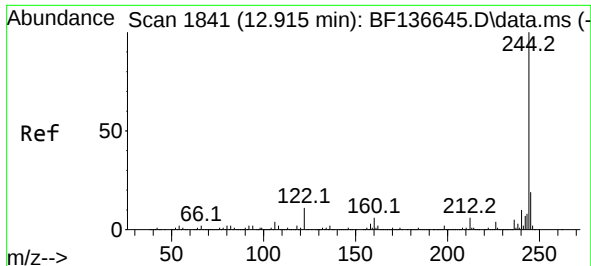
Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

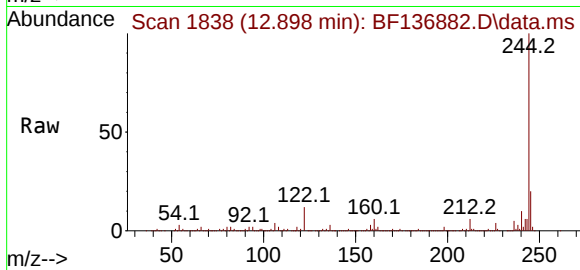
236 24.0 19.4 29.2



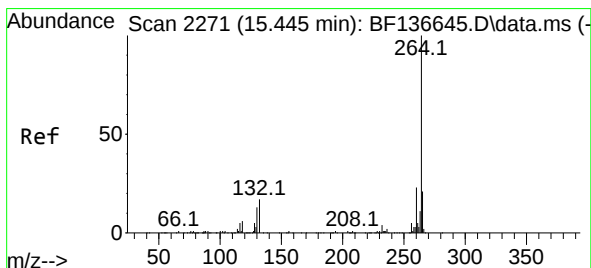
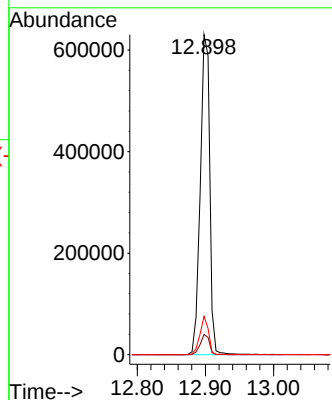
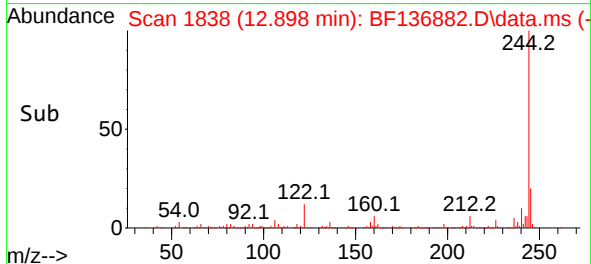


#79
 Terphenyl-d14
 Concen: 60.076 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF136882.D
 Acq: 02 Jan 2024 20:56

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-28



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# 2270
 Delta R.T. -0.006 min
 Lab File: BF136882.D
 Acq: 02 Jan 2024 20:56

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

