

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136914.D
 Acq On : 03 Jan 2024 18:44
 Operator : CG\JU
 Sample : 05900-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-63

Quant Time: Jan 04 03:40:49 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)

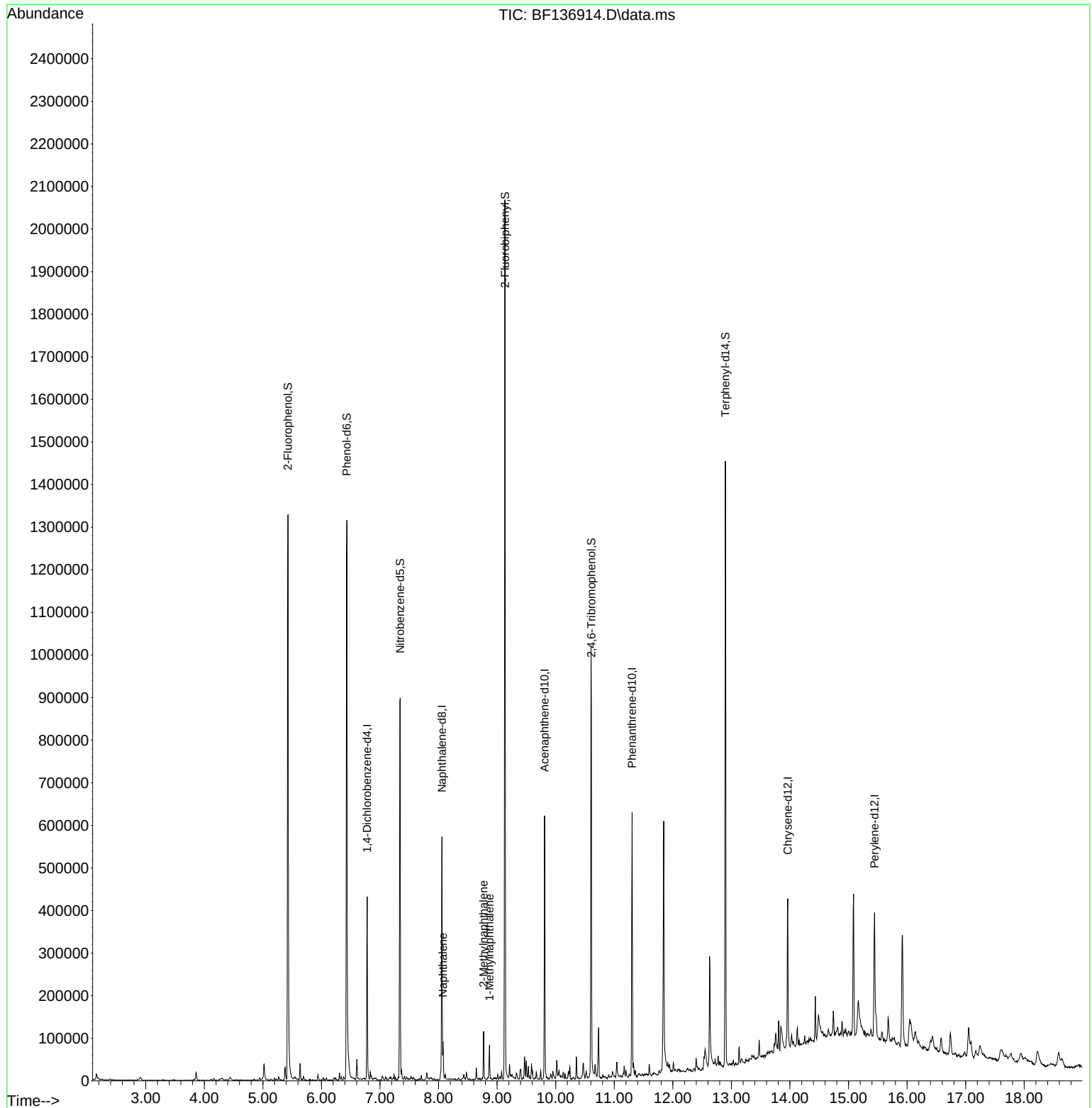
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	58828	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	230766	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	118856	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	208246	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	121379	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	140198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	376875	99.958	ng	0.00
7) Phenol-d6	6.434	99	481734	98.606	ng	0.00
23) Nitrobenzene-d5	7.345	82	302428	67.062	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	130913	93.523	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	616674	69.783	ng	-0.02
79) Terphenyl-d14	12.898	244	507188	58.394	ng	-0.02
Target Compounds						
						Qvalue
31) Naphthalene	8.075	128	33442	2.638	ng	98
37) 2-Methylnaphthalene	8.769	142	27165	3.329	ng	95
38) 1-Methylnaphthalene	8.869	142	19133	2.390	ng	98

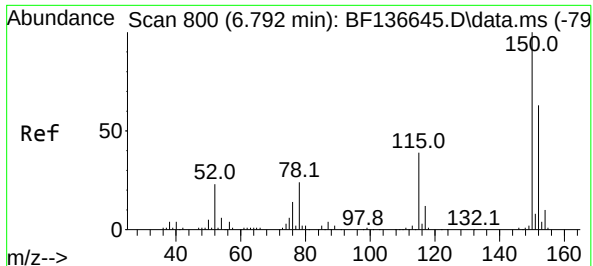
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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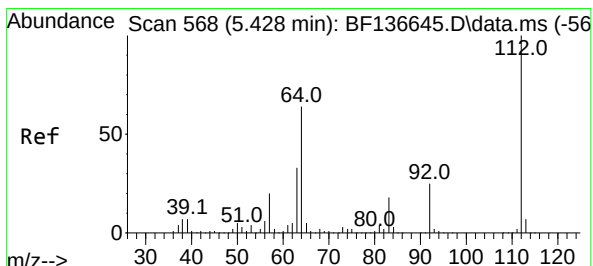
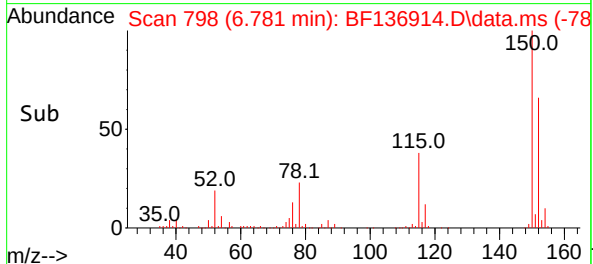
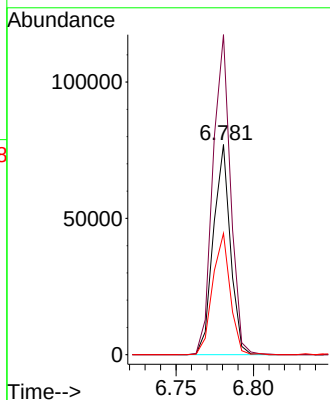
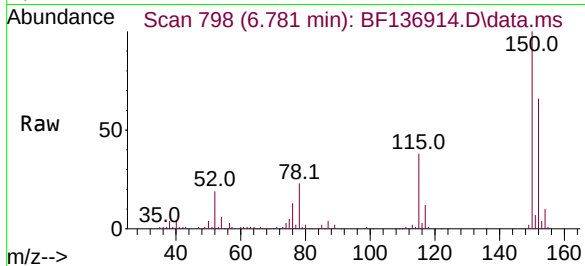




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136914.D
Acq: 03 Jan 2024 18:44

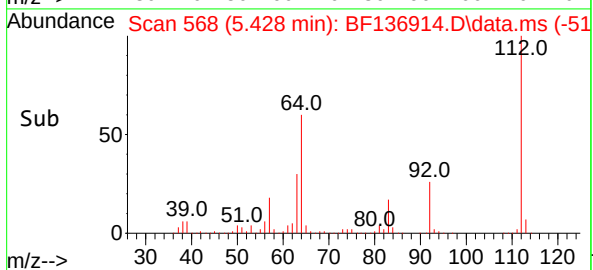
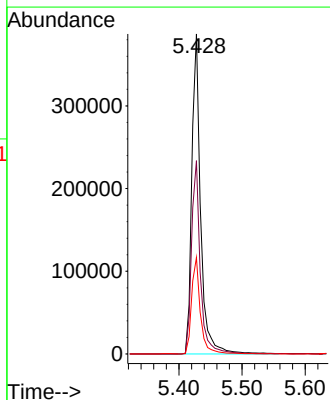
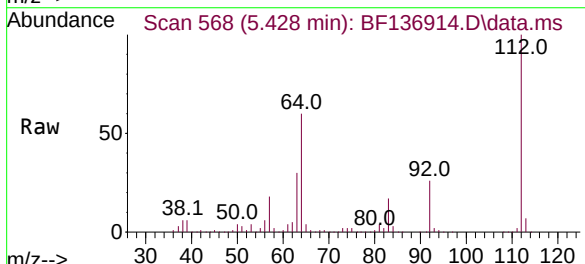
Instrument :
BNA_F
ClientSampleId :
GHL-SS-63

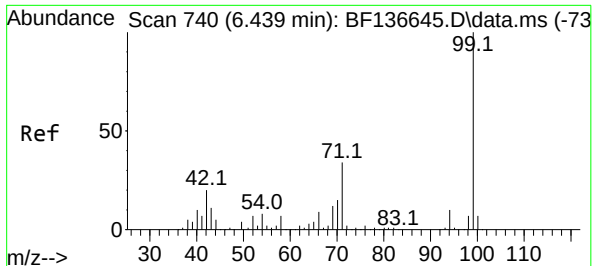
Tgt Ion:152 Resp: 58828
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 57.8 49.0 73.4



#5
2-Fluorophenol
Concen: 99.958 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136914.D
Acq: 03 Jan 2024 18:44

Tgt Ion:112 Resp: 376875
Ion Ratio Lower Upper
112 100
64 60.4 51.1 76.7
63 30.2 26.1 39.1

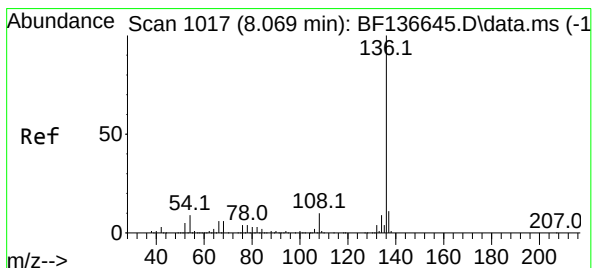
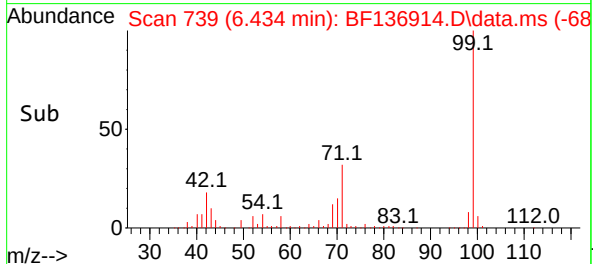
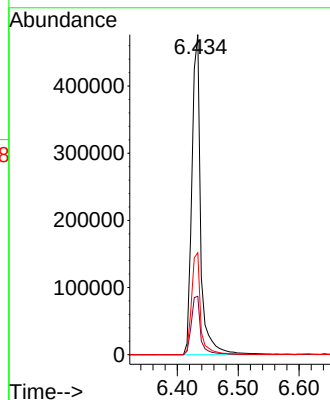
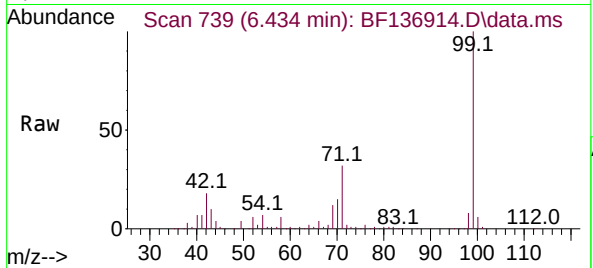




#7
Phenol-d6
Concen: 98.606 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136914.D
Acq: 03 Jan 2024 18:44

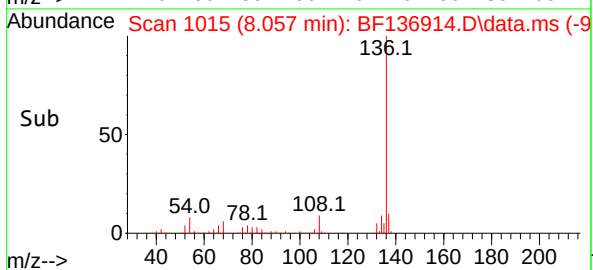
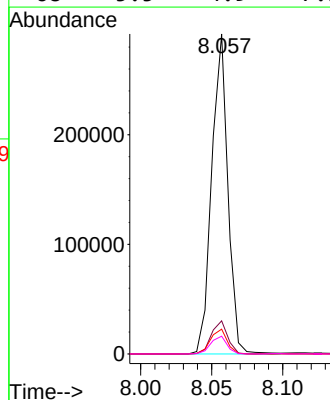
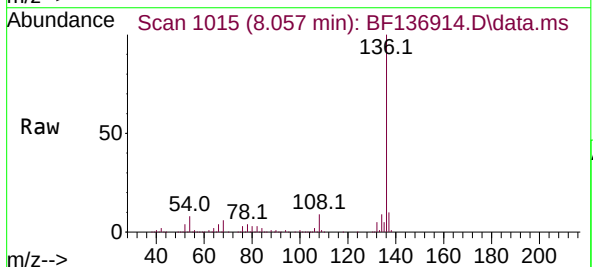
Instrument :
BNA_F
ClientSampleId :
GHL-SS-63

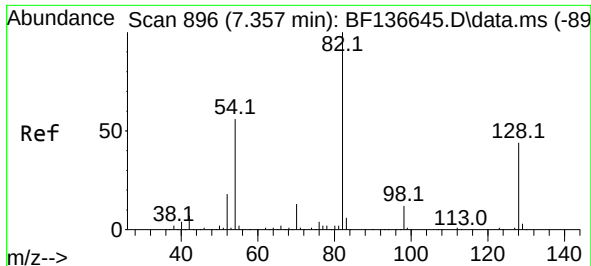
Tgt Ion: 99 Resp: 481734
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 31.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136914.D
Acq: 03 Jan 2024 18:44

Tgt Ion: 136 Resp: 230766
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 7.7 7.2 10.8
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 67.062 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136914.D

Acq: 03 Jan 2024 18:44

Instrument :

BNA_F

ClientSampleId :

GHL-SS-63

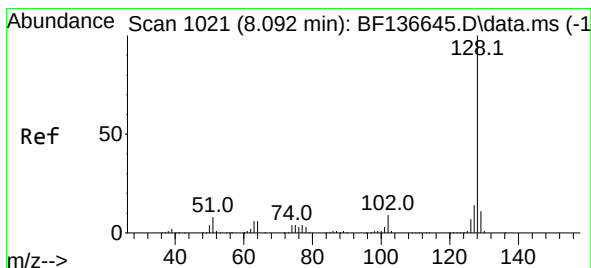
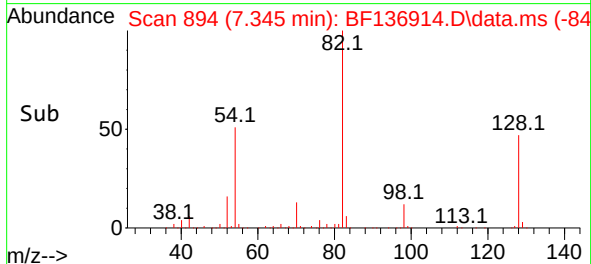
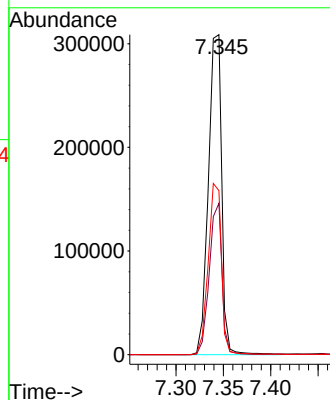
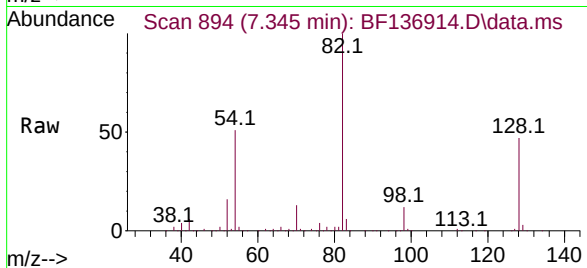
Tgt Ion: 82 Resp: 302428

Ion Ratio Lower Upper

82 100

128 47.3 35.3 52.9

54 51.2 44.5 66.7



#31

Naphthalene

Concen: 2.638 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BF136914.D

Acq: 03 Jan 2024 18:44

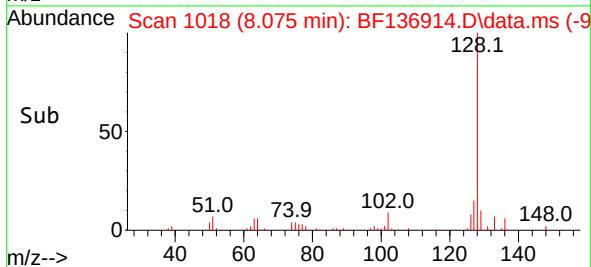
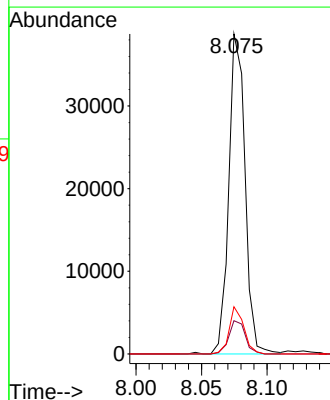
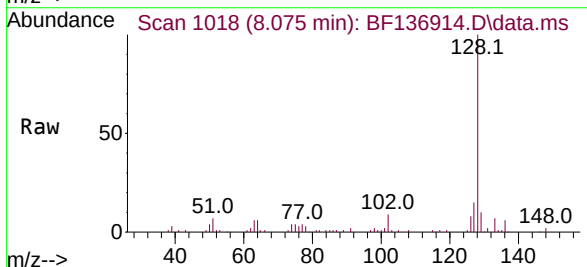
Tgt Ion: 128 Resp: 33442

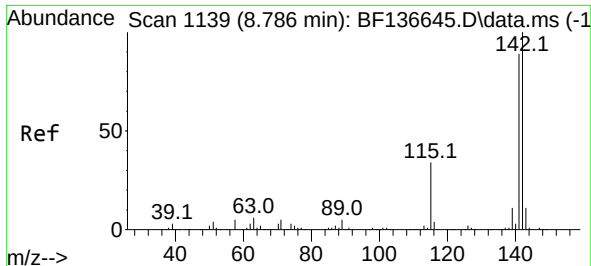
Ion Ratio Lower Upper

128 100

129 10.4 8.7 13.1

127 14.7 10.8 16.2





#37

2-Methylnaphthalene

Concen: 3.329 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.018 min

Lab File: BF136914.D

Acq: 03 Jan 2024 18:44

Instrument :

BNA_F

ClientSampleId :

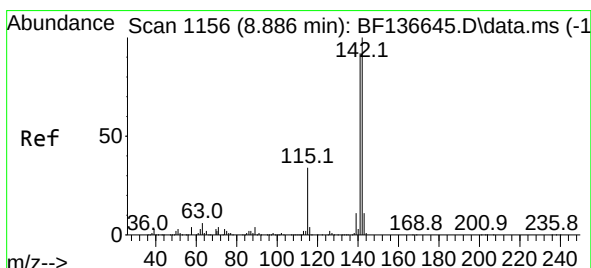
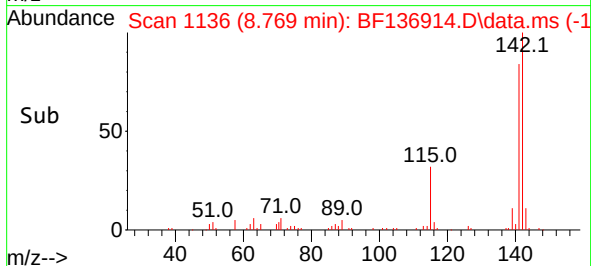
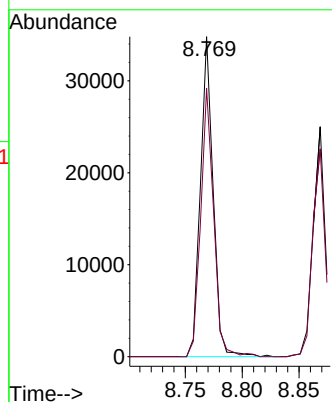
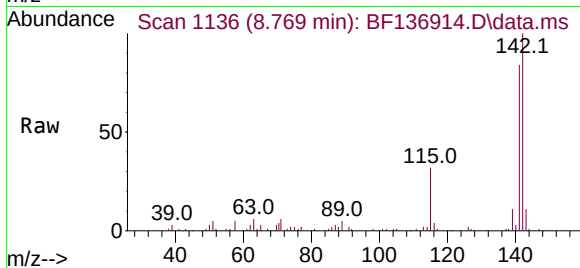
GHL-SS-63

Tgt Ion:142 Resp: 27165

Ion Ratio Lower Upper

142 100

141 83.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 2.390 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.018 min

Lab File: BF136914.D

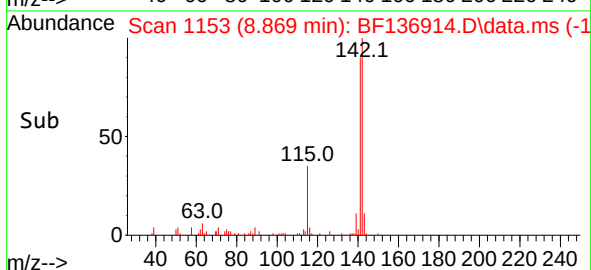
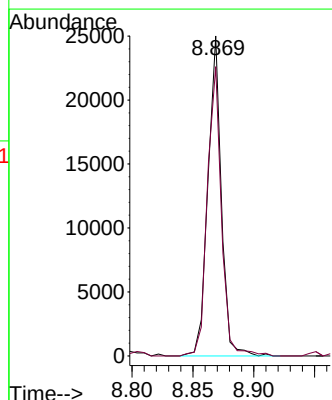
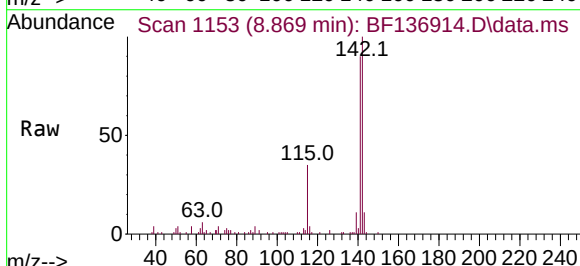
Acq: 03 Jan 2024 18:44

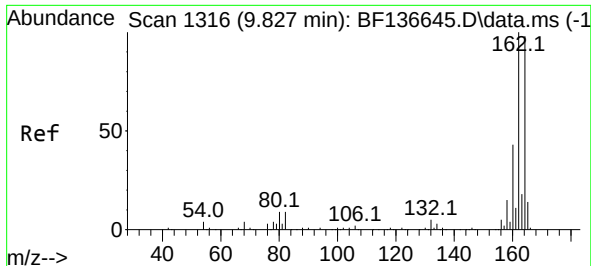
Tgt Ion:142 Resp: 19133

Ion Ratio Lower Upper

142 100

141 90.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF136914.D

Acq: 03 Jan 2024 18:44

Instrument :

BNA_F

ClientSampleId :

GHL-SS-63

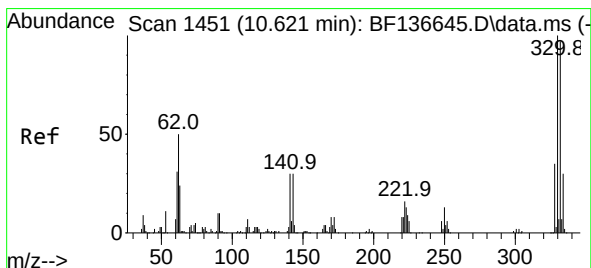
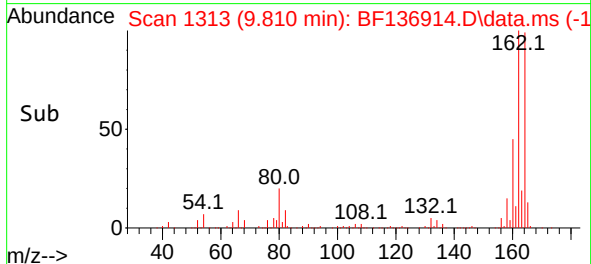
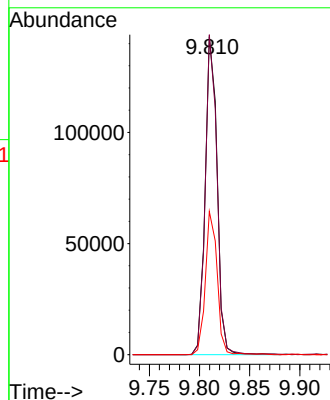
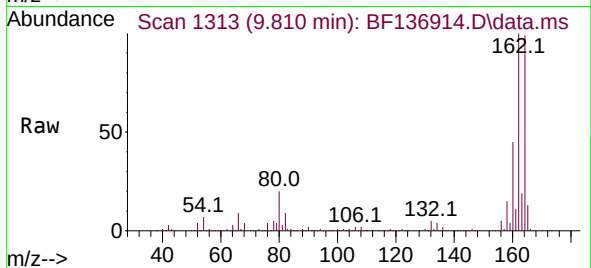
Tgt Ion:164 Resp: 118856

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

160 45.0 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 93.523 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136914.D

Acq: 03 Jan 2024 18:44

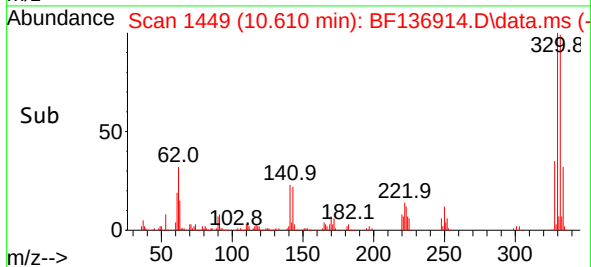
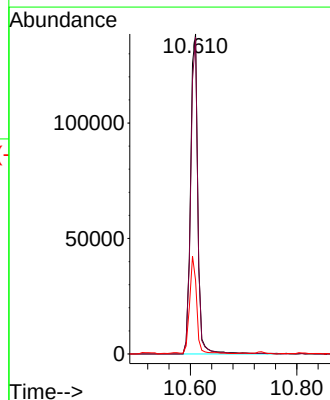
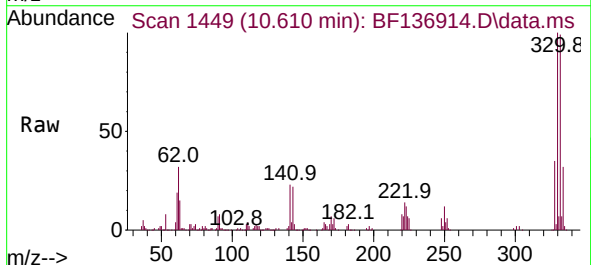
Tgt Ion:330 Resp: 130913

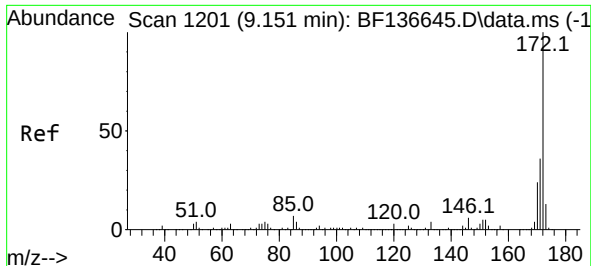
Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 28.8 23.4 35.2

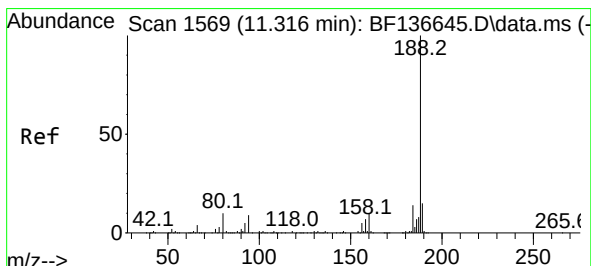
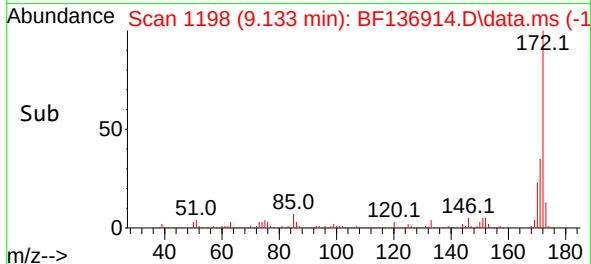
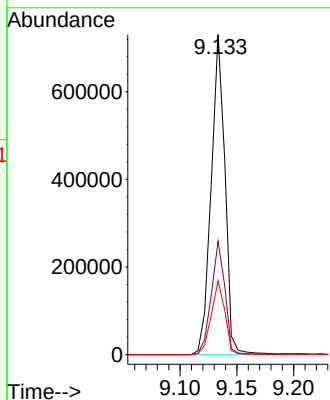
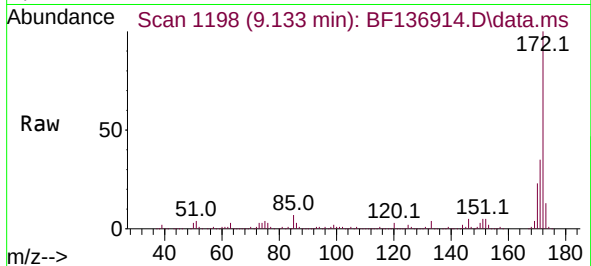




#45
2-Fluorobiphenyl
Concen: 69.783 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136914.D
Acq: 03 Jan 2024 18:44

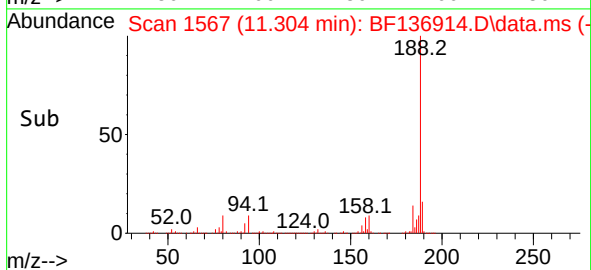
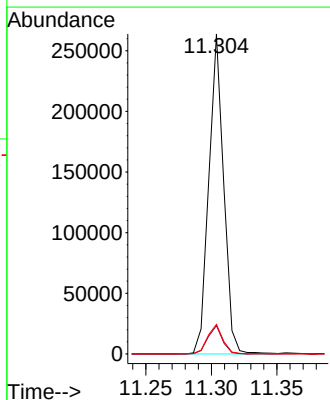
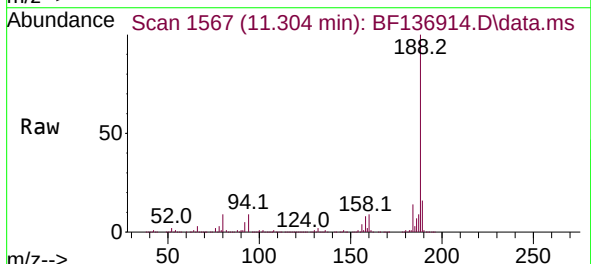
Instrument :
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GHL-SS-63

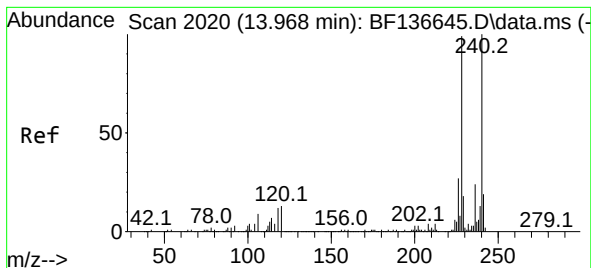
Tgt Ion:172 Resp: 616674
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.1 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136914.D
Acq: 03 Jan 2024 18:44

Tgt Ion:188 Resp: 208246
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.2 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136914.D

Acq: 03 Jan 2024 18:44

Instrument :

BNA_F

ClientSampleId :

GHL-SS-63

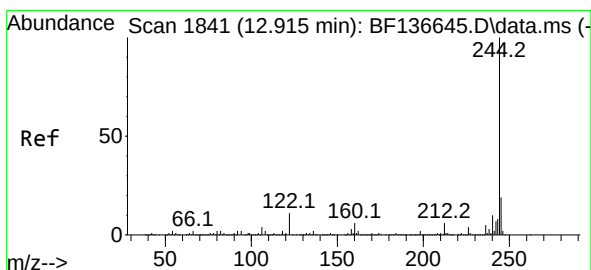
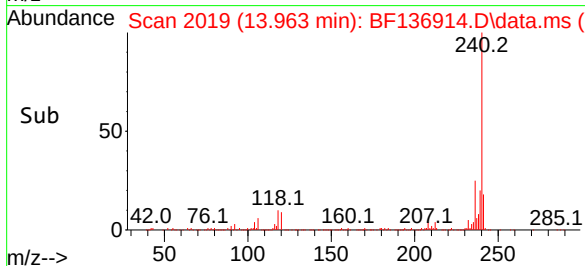
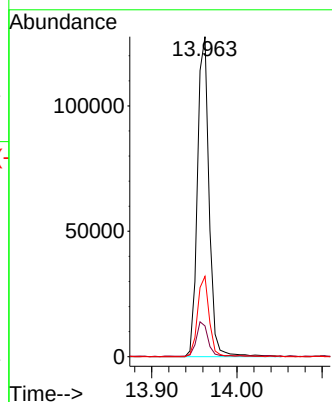
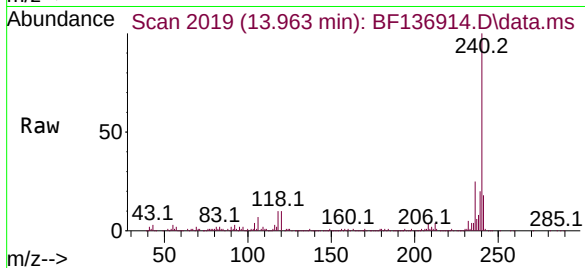
Tgt Ion:240 Resp: 121379

Ion Ratio Lower Upper

240 100

120 9.6 10.3 15.5#

236 25.1 19.4 29.2



#79

Terphenyl-d14

Concen: 58.394 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136914.D

Acq: 03 Jan 2024 18:44

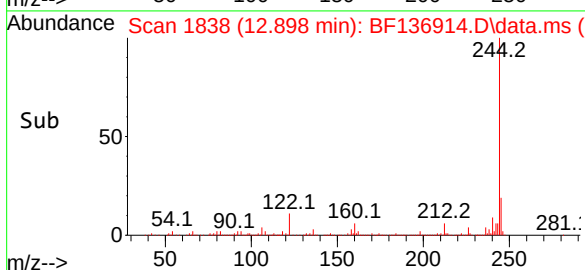
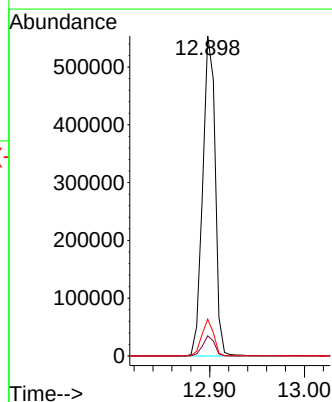
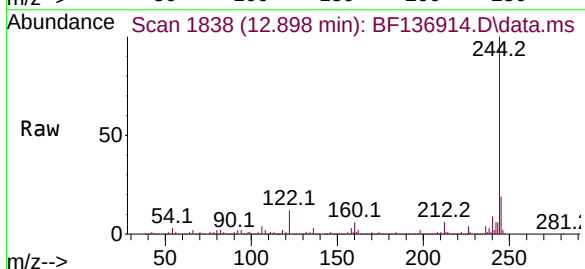
Tgt Ion:244 Resp: 507188

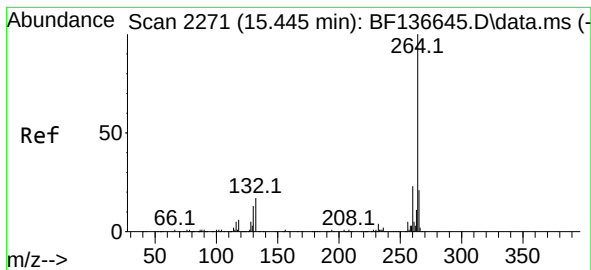
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.5 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: BF136914.D
 Acq: 03 Jan 2024 18:44

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-63

Tgt Ion:264 Resp: 140198
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 20.2 17.0 25.6

