

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136860.D
 Acq On : 30 Dec 2023 08:23
 Operator : CG\JU
 Sample : 05897-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-20

Quant Time: Jan 01 00:32:49 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	71569	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	276602	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	141507	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	266903	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	141164	20.000	ng	0.00
86) Perylene-d12	15.439	264	143974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	327357	71.368	ng	0.00
7) Phenol-d6	6.422	99	428468	72.090	ng	-0.02
23) Nitrobenzene-d5	7.340	82	260057	48.110	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	43402	26.043	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	468128	44.494	ng	-0.02
79) Terphenyl-d14	12.904	244	477883	47.309	ng	-0.01

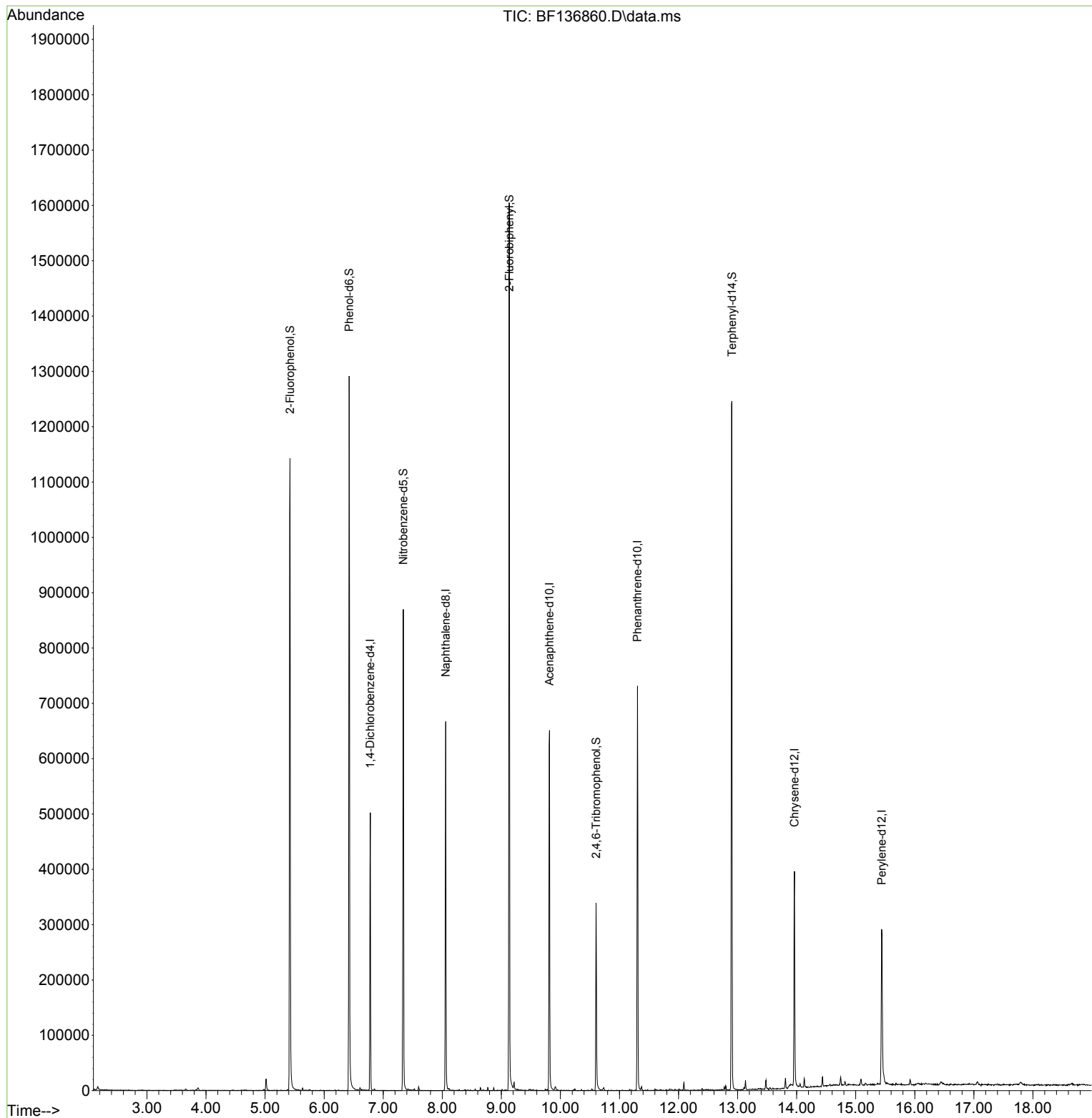
Target Compounds	Qvalue

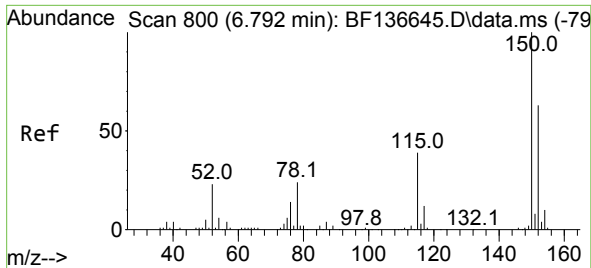
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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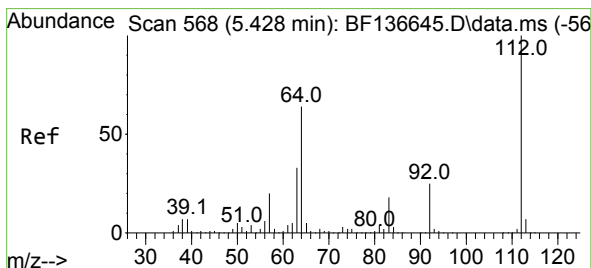
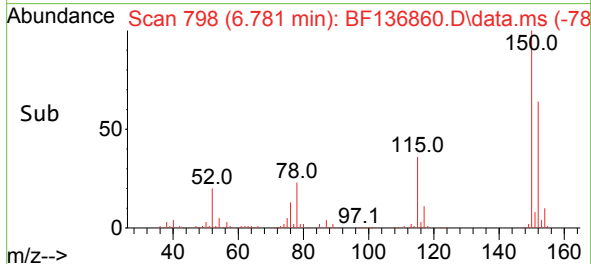
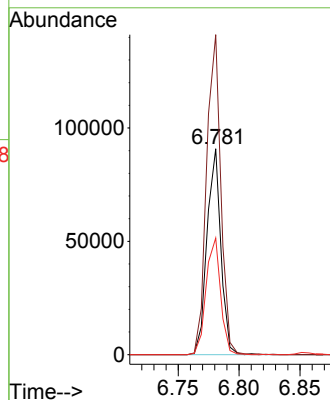
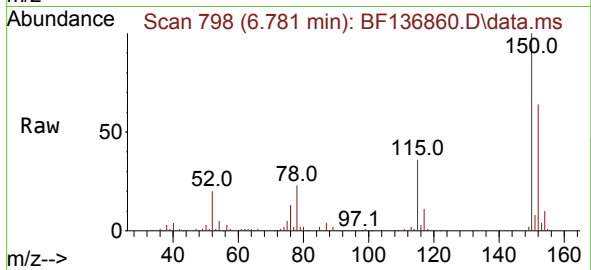




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

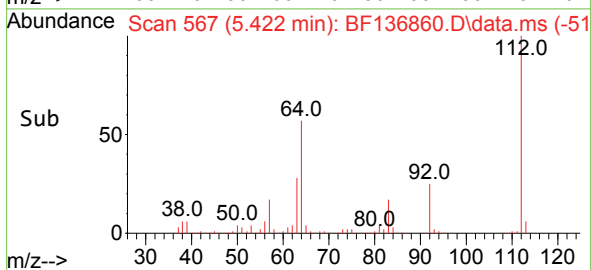
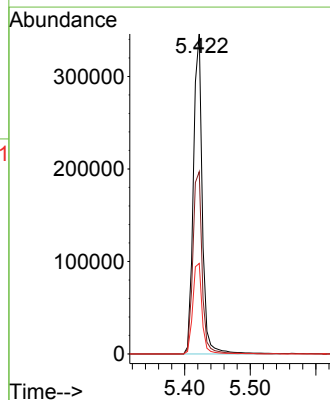
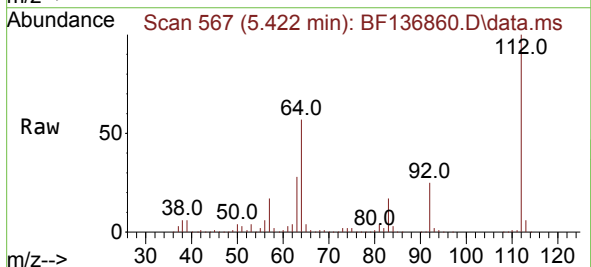
Instrument :
BNA_F
ClientSampleId :
GHL-SS-20

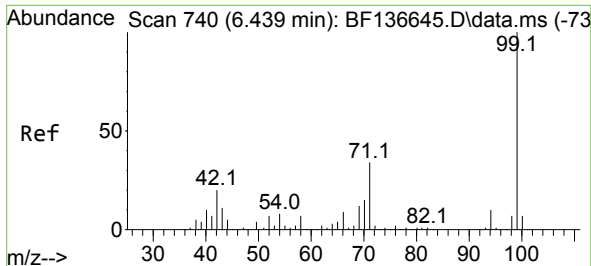
Tgt Ion:152 Resp: 71569
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.6
115 56.6 49.0 73.4



#5
2-Fluorophenol
Concen: 71.368 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Tgt Ion:112 Resp: 327357
Ion Ratio Lower Upper
112 100
64 56.9 51.1 76.7
63 28.3 26.1 39.1

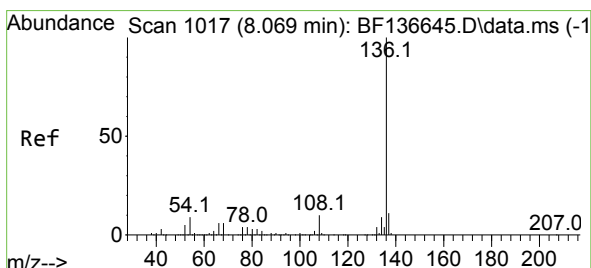
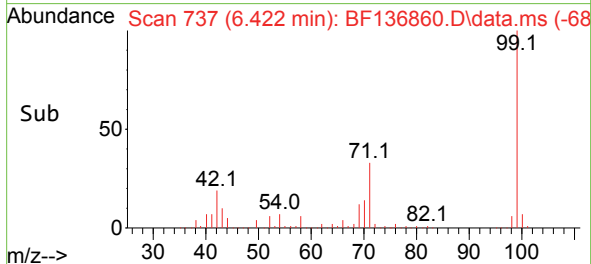
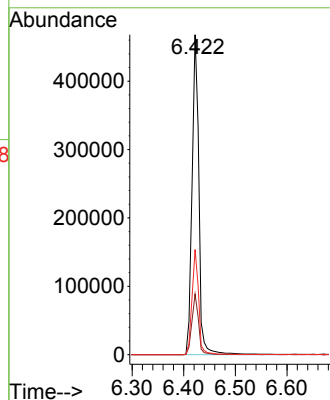
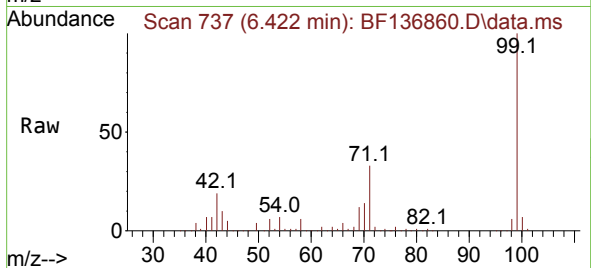




#7
Phenol-d6
Concen: 72.090 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

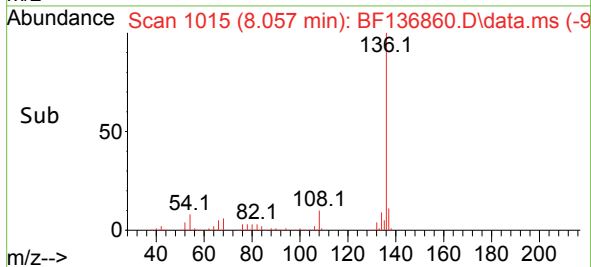
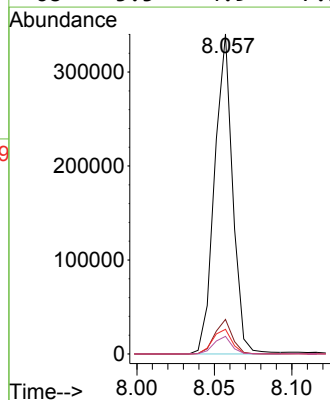
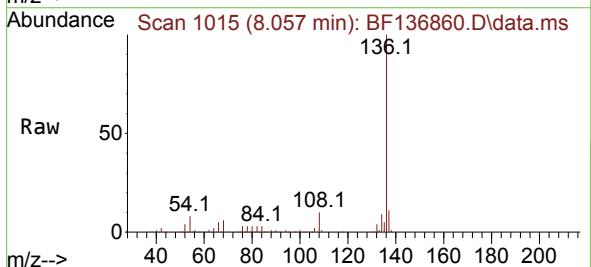
Instrument :
BNA_F
ClientSampleId :
GHL-SS-20

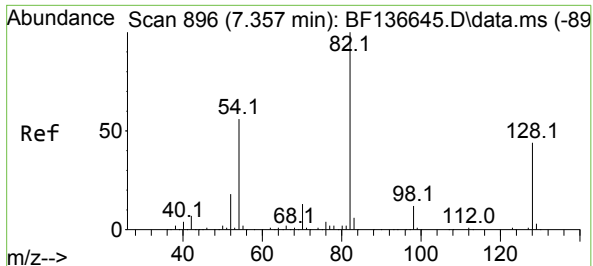
Tgt Ion: 99 Resp: 428468
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 32.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Tgt Ion: 136 Resp: 276602
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.7 7.2 10.8
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 48.110 ng

RT: 7.340 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF136860.D

Acq: 30 Dec 2023 08:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-20

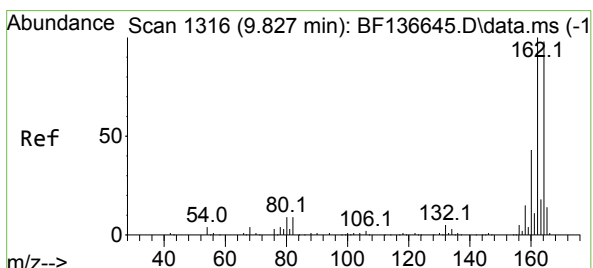
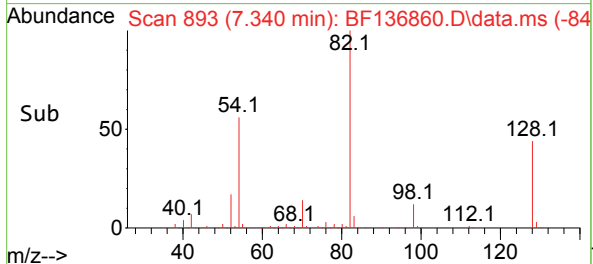
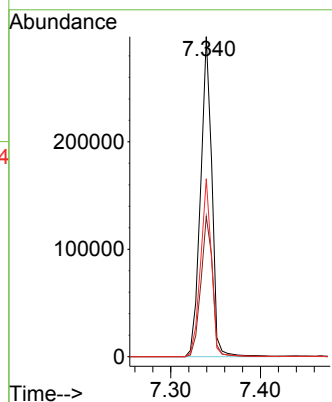
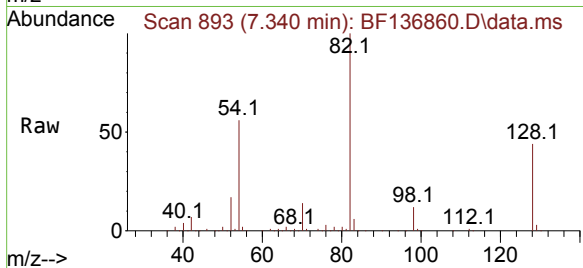
Tgt Ion: 82 Resp: 260057

Ion Ratio Lower Upper

82 100

128 43.8 35.3 52.9

54 55.6 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136860.D

Acq: 30 Dec 2023 08:23

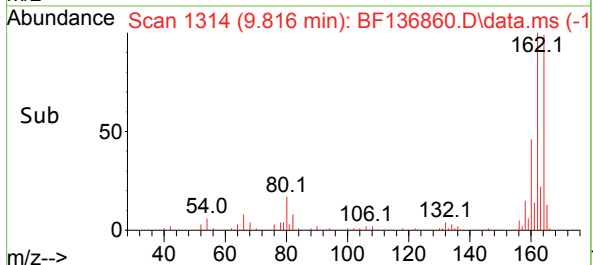
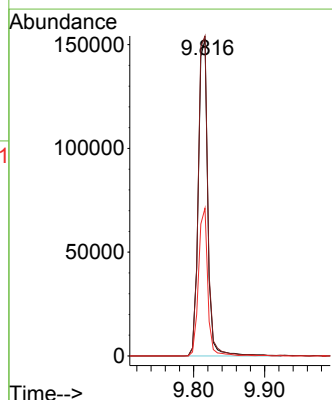
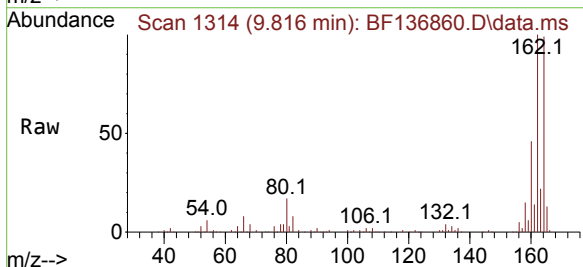
Tgt Ion:164 Resp: 141507

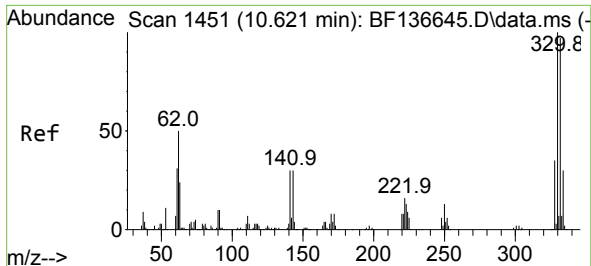
Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

160 46.7 34.9 52.3

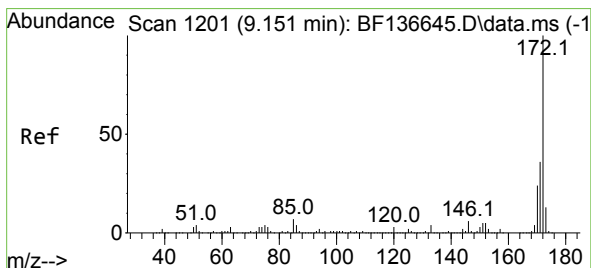
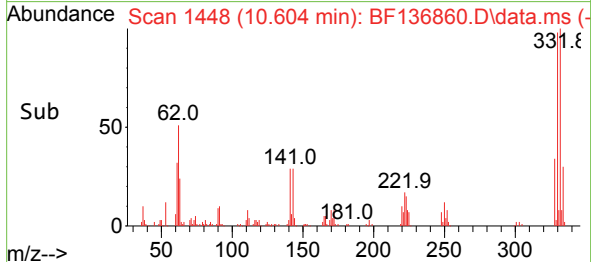
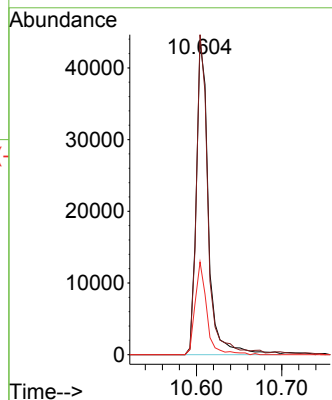
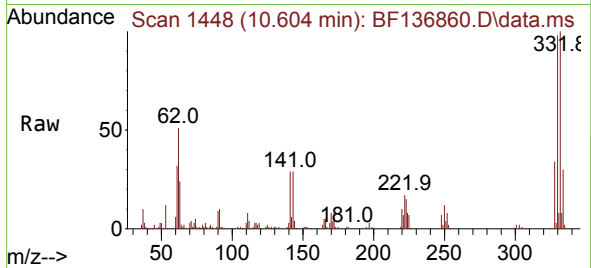




#42
2,4,6-Tribromophenol
Concen: 26.043 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.017 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

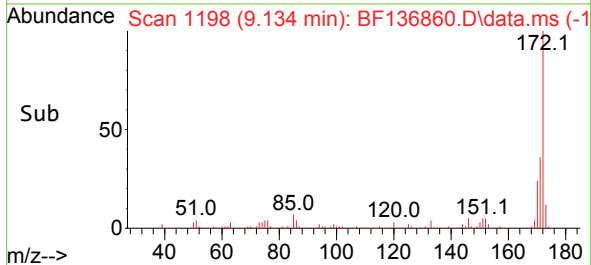
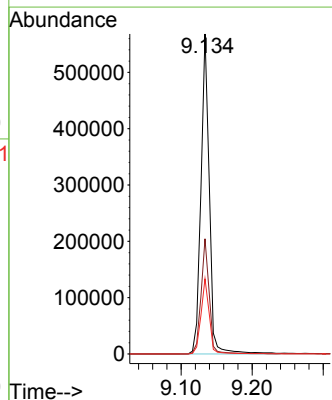
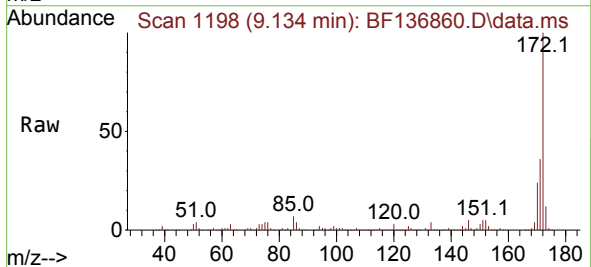
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GHL-SS-20

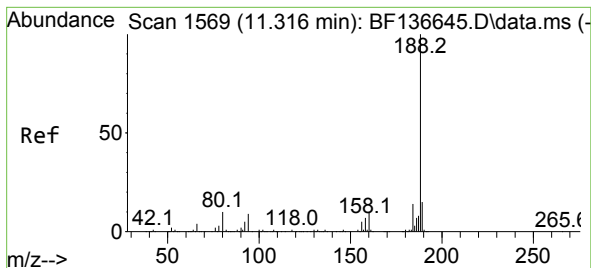
Tgt Ion: 330 Resp: 43402
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 28.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 44.494 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Tgt Ion: 172 Resp: 468128
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.5 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: BF136860.D

Acq: 30 Dec 2023 08:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-20

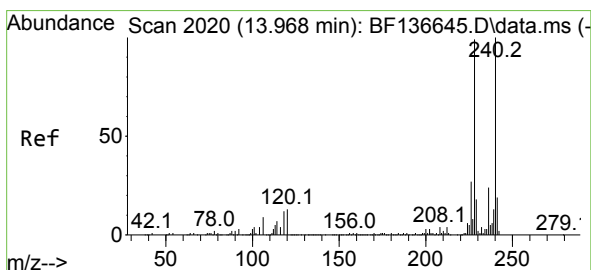
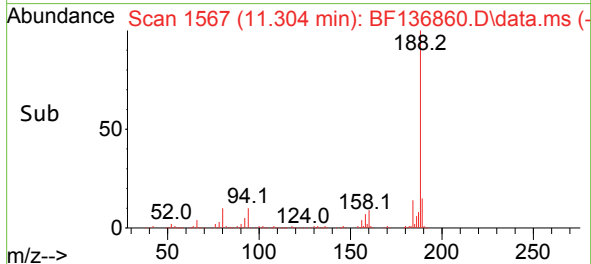
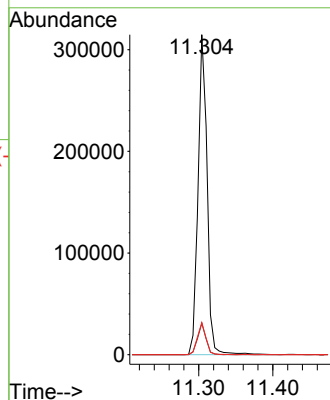
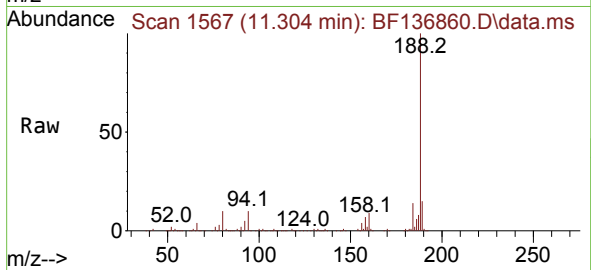
Tgt Ion:188 Resp: 266903

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136860.D

Acq: 30 Dec 2023 08:23

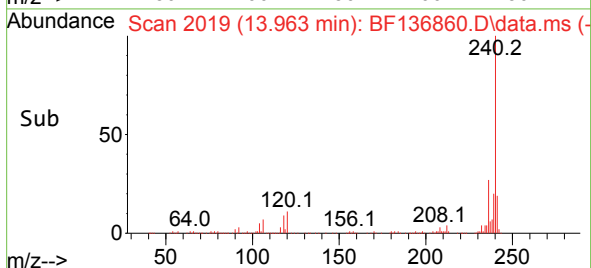
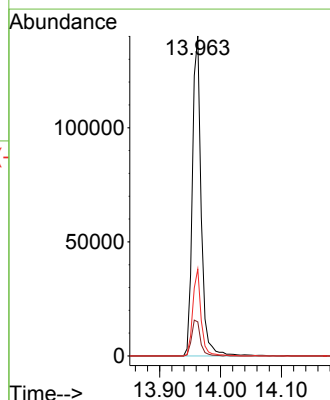
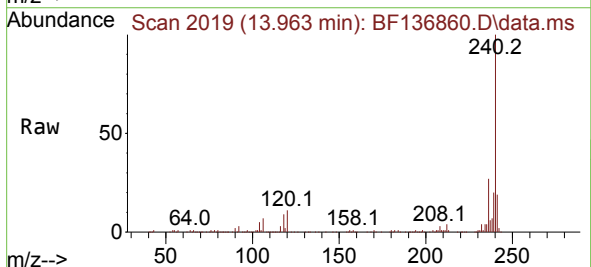
Tgt Ion:240 Resp: 141164

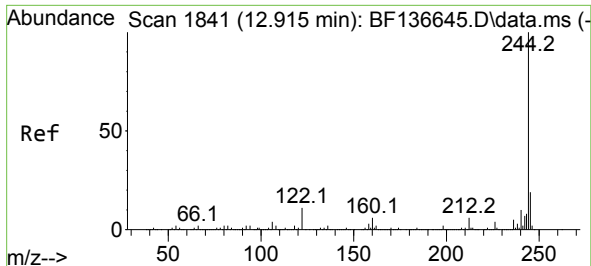
Ion Ratio Lower Upper

240 100

120 10.7 10.3 15.5

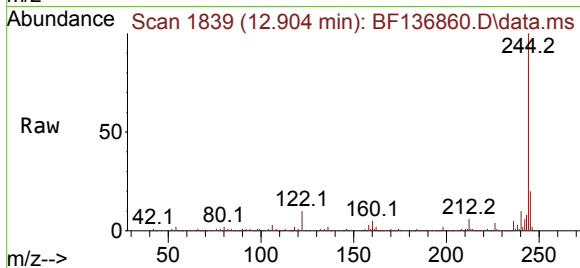
236 27.2 19.4 29.2





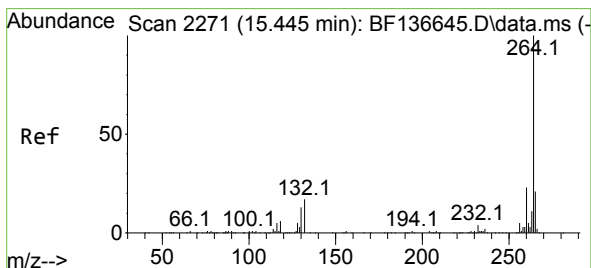
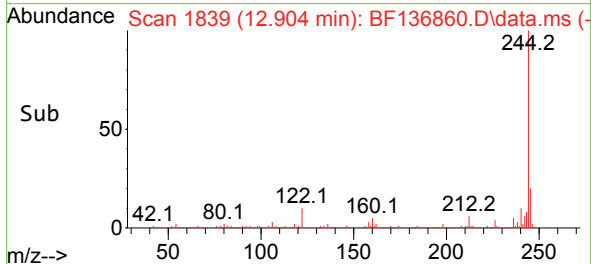
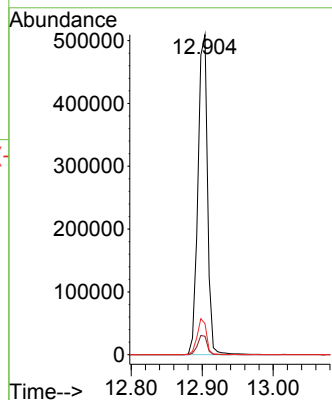
#79
 Terphenyl-d14
 Concen: 47.309 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136860.D
 Acq: 30 Dec 2023 08:23

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-20



Tgt Ion:244 Resp: 477883

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.0	7.4
122	9.7	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: BF136860.D
 Acq: 30 Dec 2023 08:23

Tgt Ion:264 Resp: 143974

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.9	17.0	25.6

