

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136856.D
 Acq On : 30 Dec 2023 06:17
 Operator : CG\JU
 Sample : 05897-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-40

Quant Time: Jan 01 00:31:37 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	71727	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	273036	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	141224	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	266961	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	147292	20.000	ng	0.00
86) Perylene-d12	15.439	264	139208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	406430	88.411	ng	0.00
7) Phenol-d6	6.428	99	520602	87.398	ng	-0.01
23) Nitrobenzene-d5	7.339	82	324825	60.877	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	61520	36.988	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	649934	61.898	ng	-0.02
79) Terphenyl-d14	12.904	244	630703	59.839	ng	-0.01

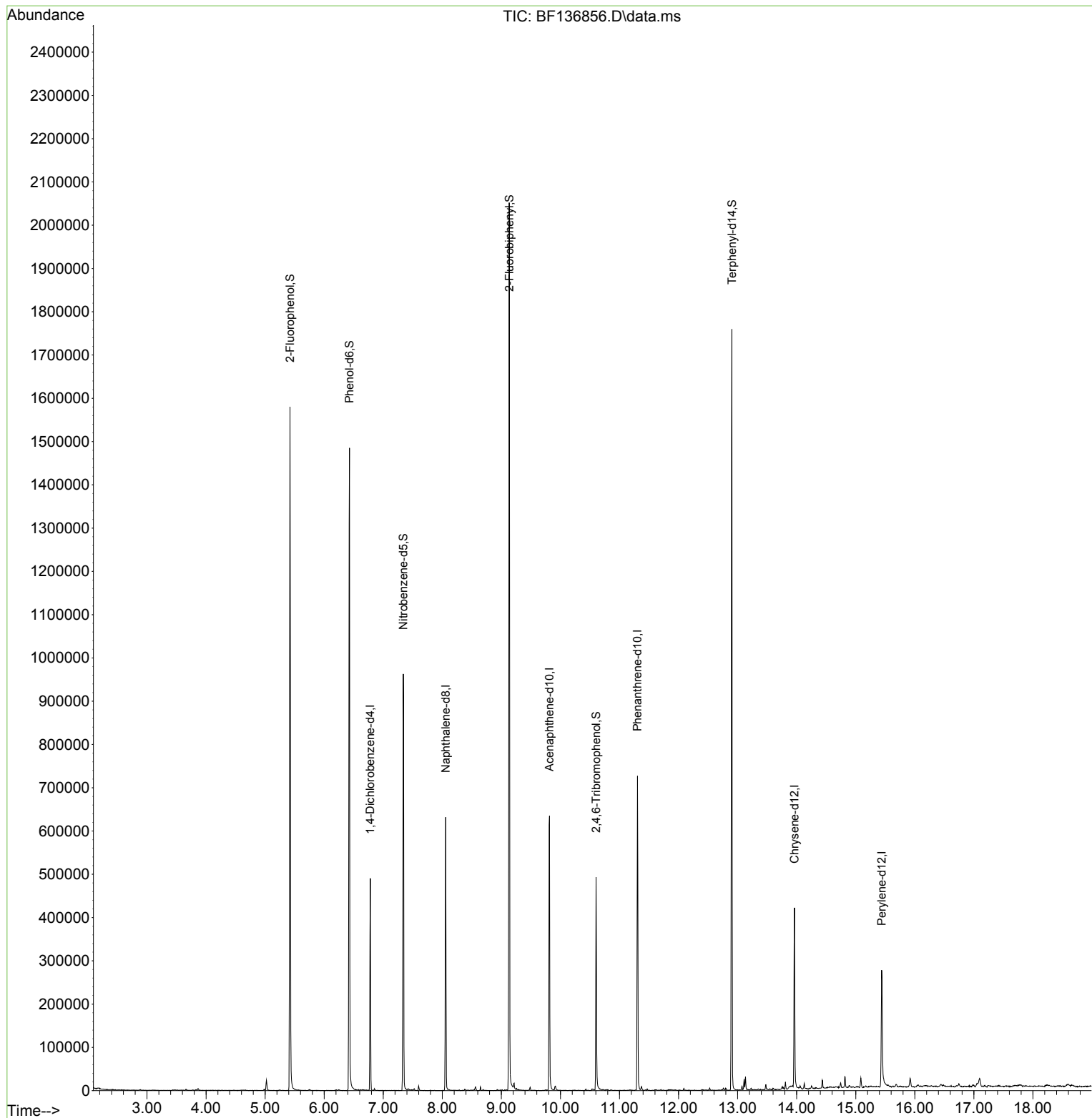
Target Compounds	Qvalue

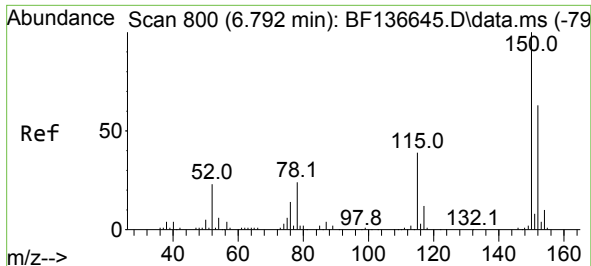
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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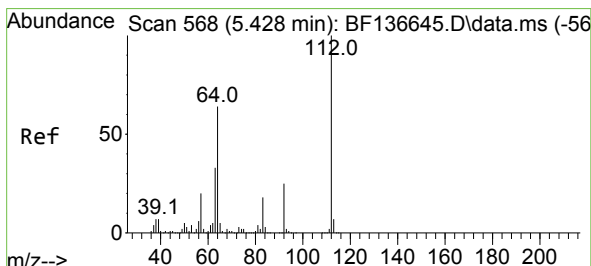
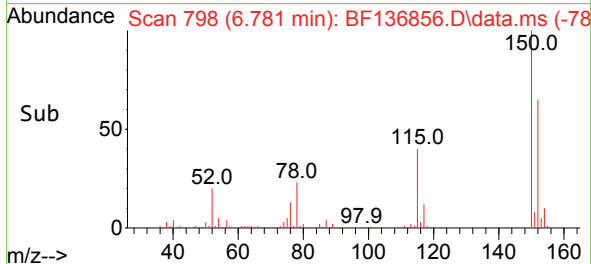
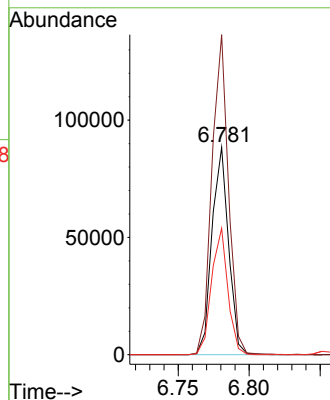
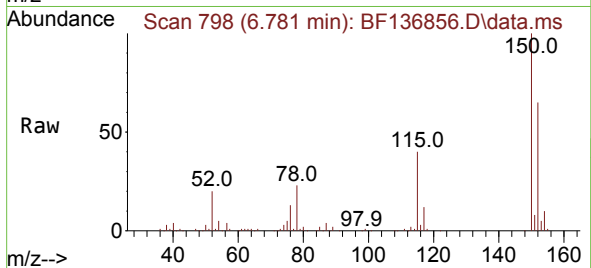




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

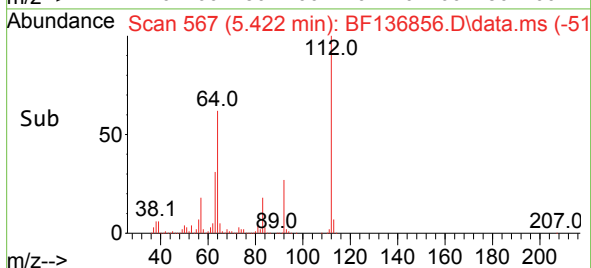
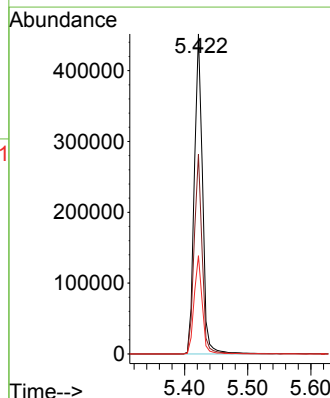
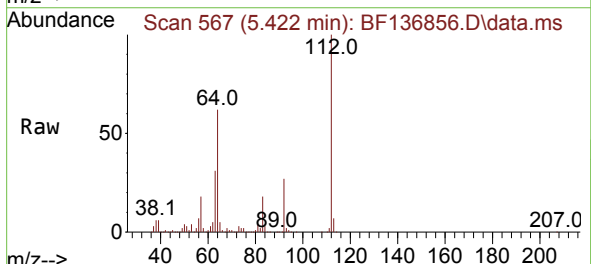
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40

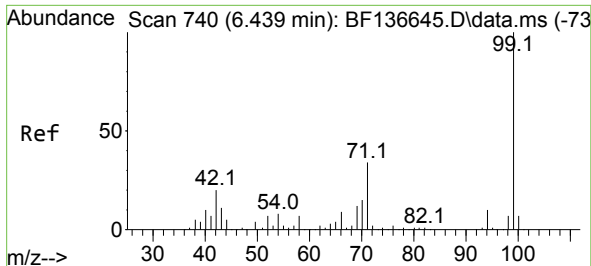
Tgt Ion:152 Resp: 71727
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 88.411 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

Tgt Ion:112 Resp: 406430
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 30.7 26.1 39.1

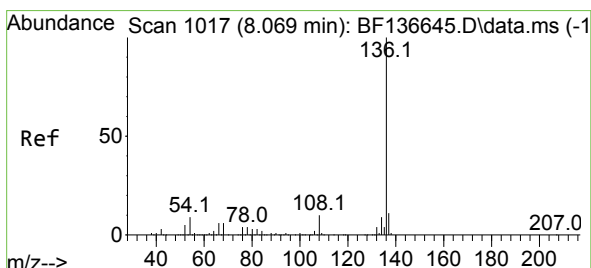
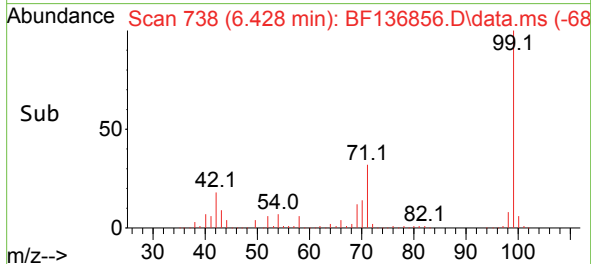
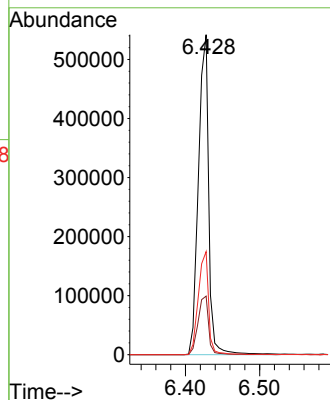
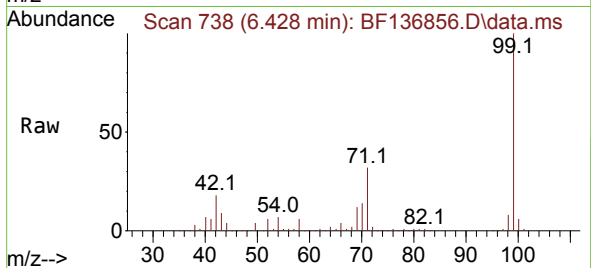




#7
Phenol-d6
Concen: 87.398 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

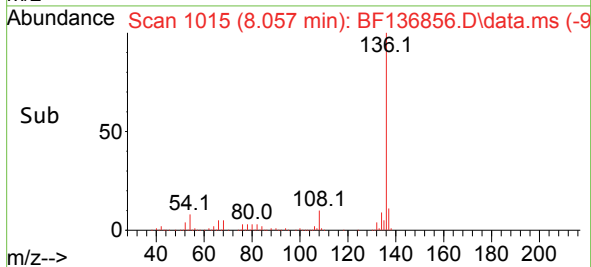
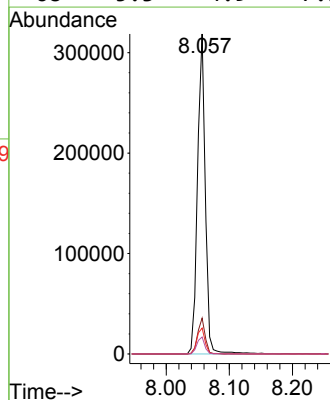
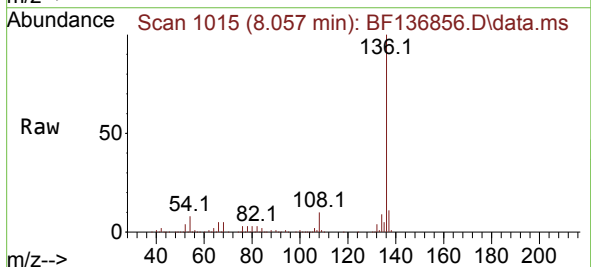
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40

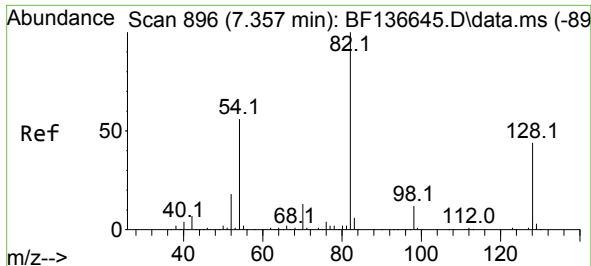
Tgt Ion: 99 Resp: 520602
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 32.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

Tgt Ion: 136 Resp: 273036
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.1 7.2 10.8
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 60.877 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136856.D

Acq: 30 Dec 2023 06:17

Instrument :

BNA_F

ClientSampleId :

GHL-SS-40

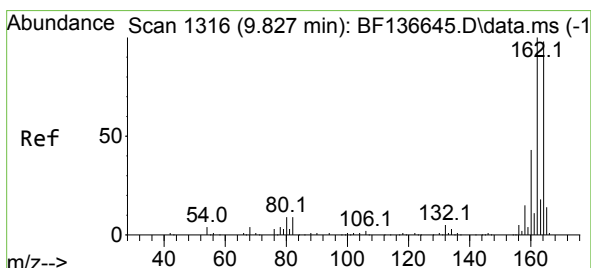
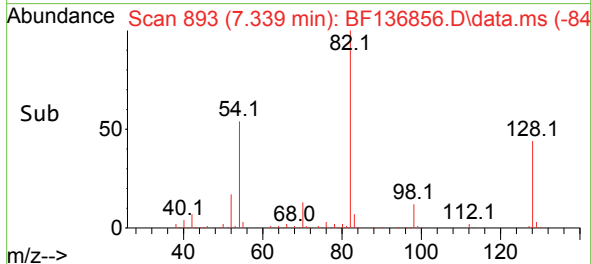
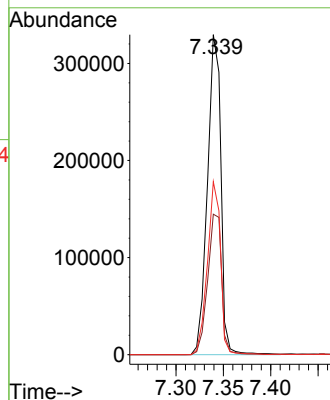
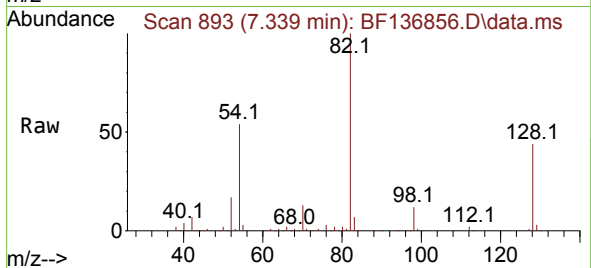
Tgt Ion: 82 Resp: 324825

Ion Ratio Lower Upper

82 100

128 43.9 35.3 52.9

54 54.1 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: BF136856.D

Acq: 30 Dec 2023 06:17

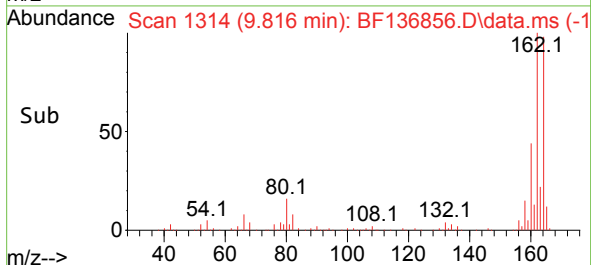
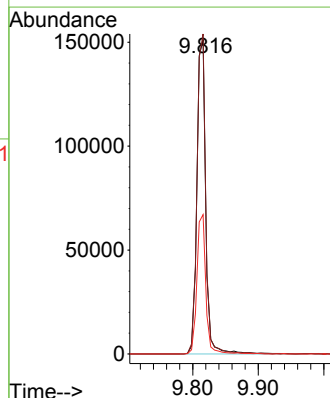
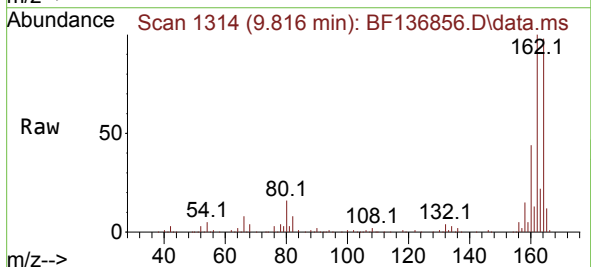
Tgt Ion:164 Resp: 141224

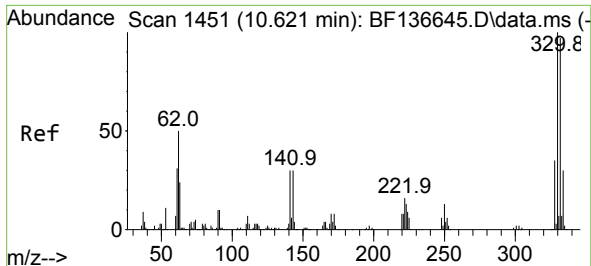
Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 36.988 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF136856.D

Acq: 30 Dec 2023 06:17

Instrument :

BNA_F

ClientSampleId :

GHL-SS-40

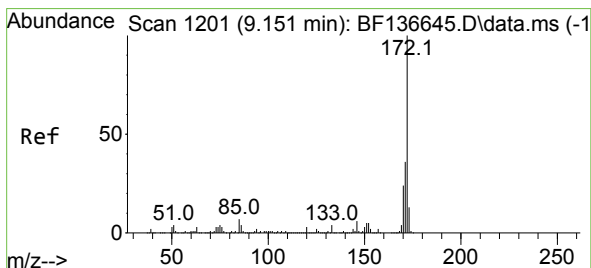
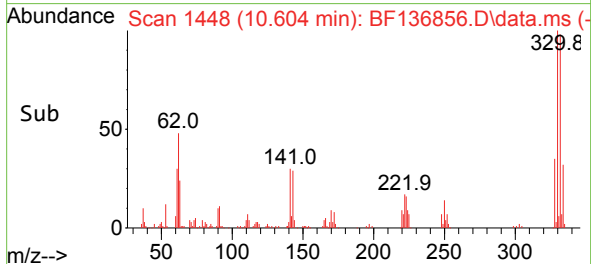
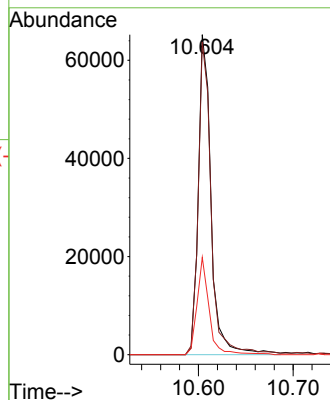
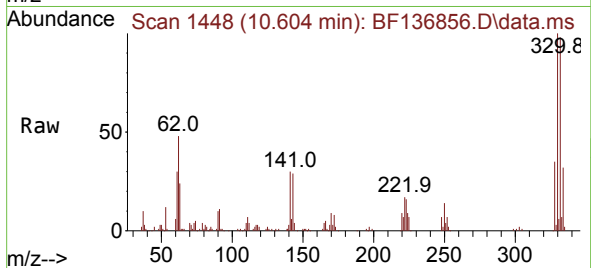
Tgt Ion:330 Resp: 61520

Ion Ratio Lower Upper

330 100

332 98.7 77.4 116.0

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 61.898 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136856.D

Acq: 30 Dec 2023 06:17

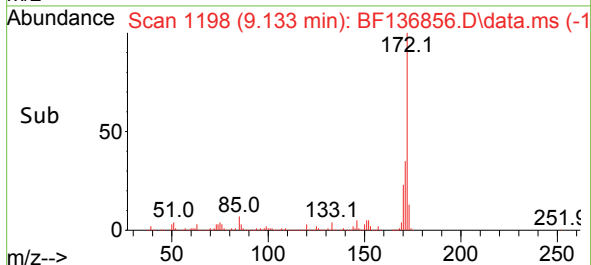
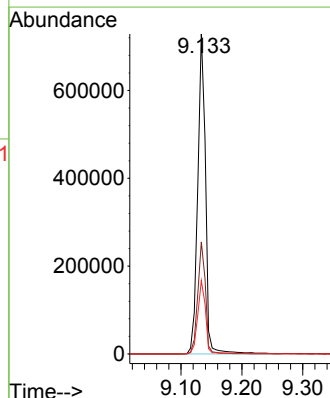
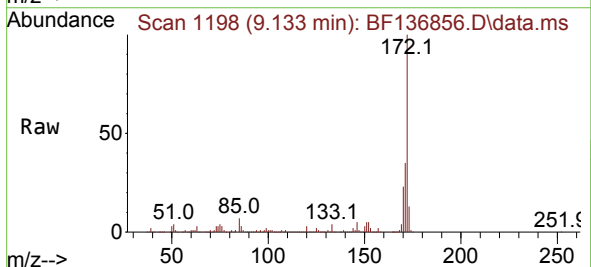
Tgt Ion:172 Resp: 649934

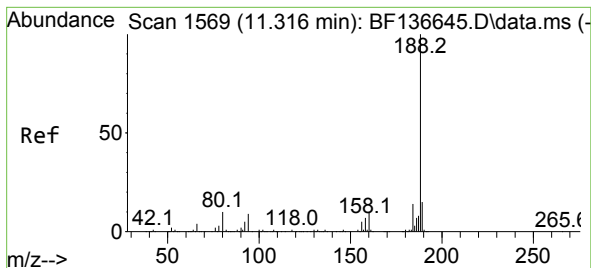
Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 23.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136856.D

Acq: 30 Dec 2023 06:17

Instrument :

BNA_F

ClientSampleId :

GHL-SS-40

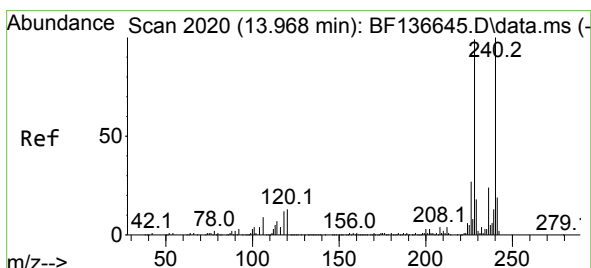
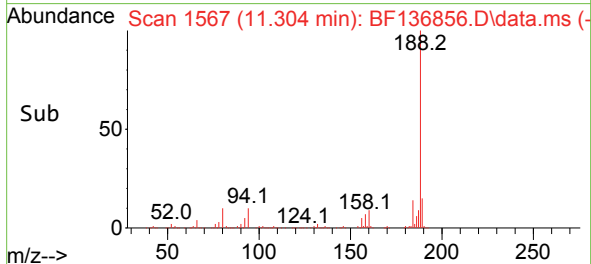
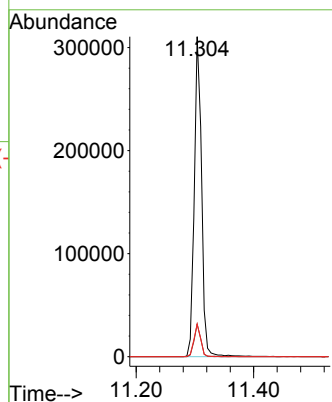
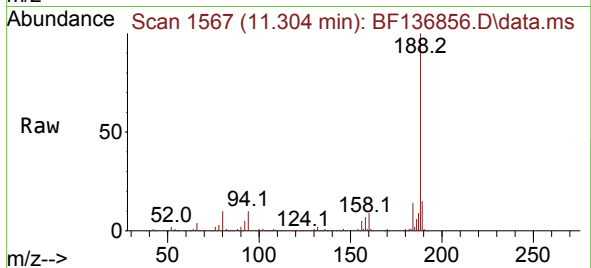
Tgt Ion:188 Resp: 266961

Ion Ratio Lower Upper

188 100

94 10.1 7.5 11.3

80 10.2 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: BF136856.D

Acq: 30 Dec 2023 06:17

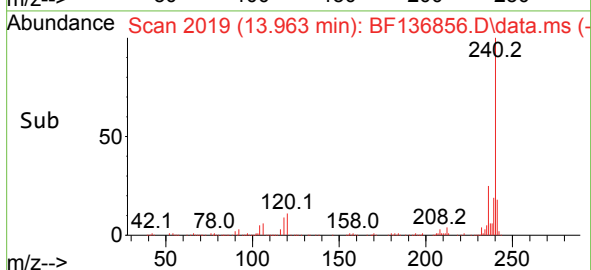
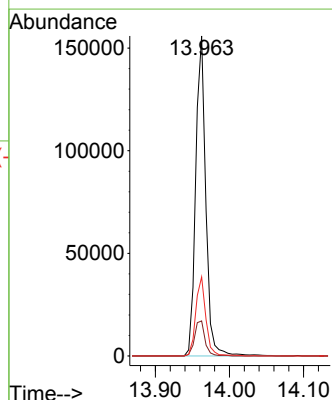
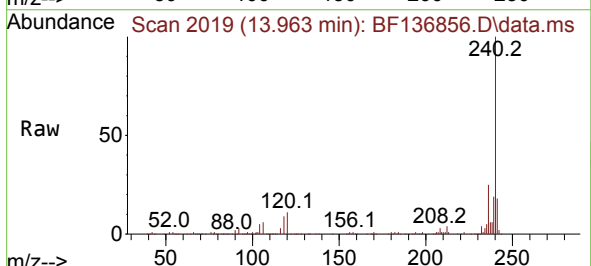
Tgt Ion:240 Resp: 147292

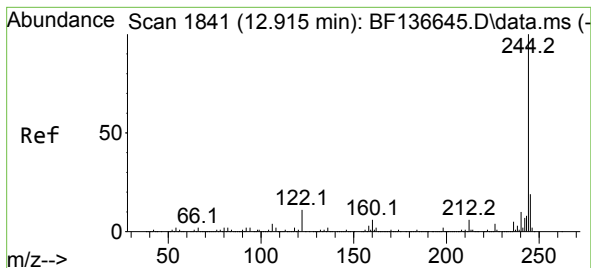
Ion Ratio Lower Upper

240 100

120 11.0 10.3 15.5

236 24.7 19.4 29.2





#79

Terphenyl-d14

Concen: 59.839 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136856.D

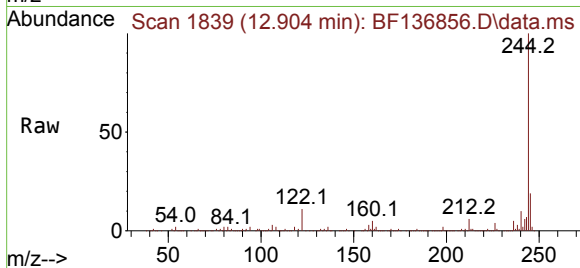
Acq: 30 Dec 2023 06:17

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GHL-SS-40



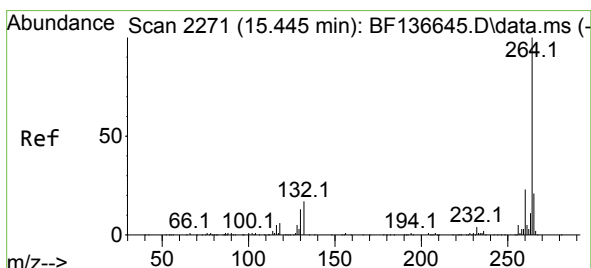
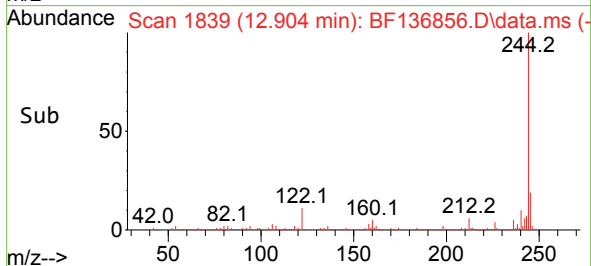
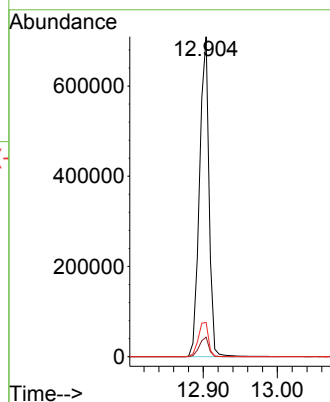
Tgt Ion:244 Resp: 630703

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 10.7 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: BF136856.D

Acq: 30 Dec 2023 06:17

Tgt Ion:264 Resp: 139208

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 21.5 17.0 25.6

