

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)

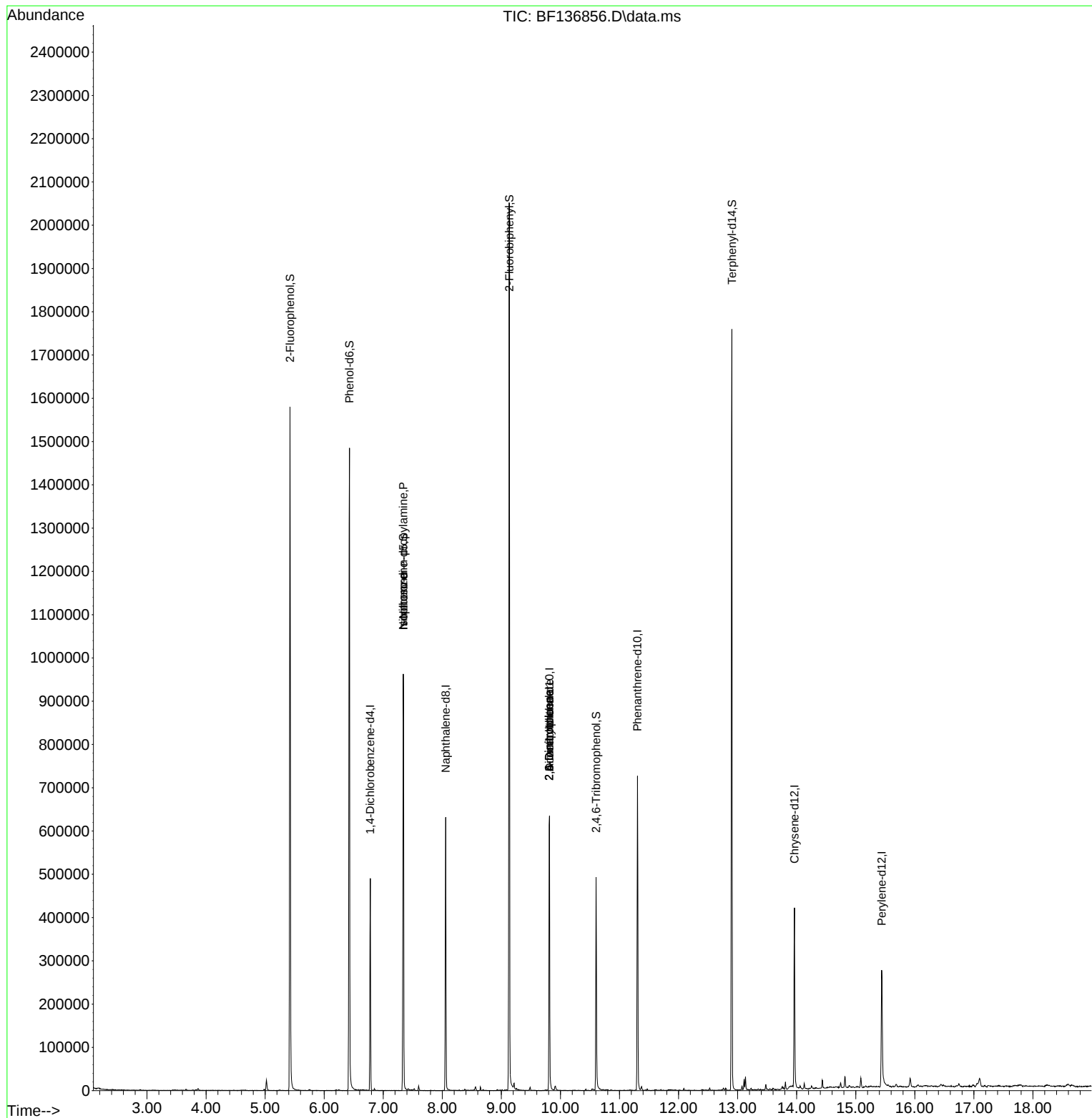
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71727	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	273036	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	141224	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	266961	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	147292	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.339	70	42232	11.696	ng	# 75
25) Isophorone	7.339	82	323472	33.317	ng	# 65
50) Dimethylphthalate	9.816	163	28308	2.744	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	18293	7.814	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	18293	6.019	ng	# 21

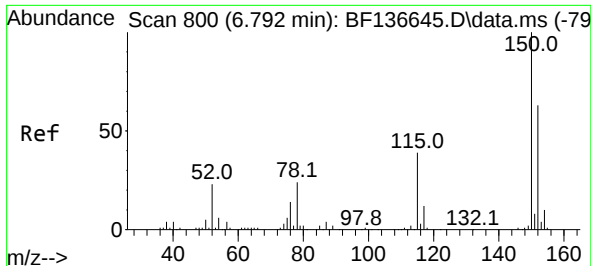
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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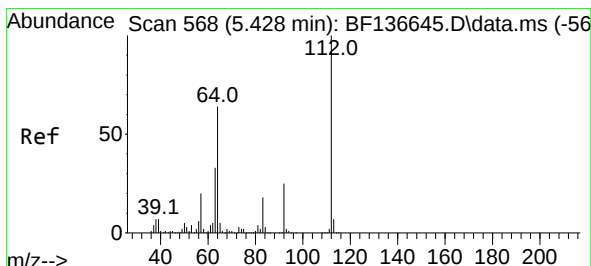
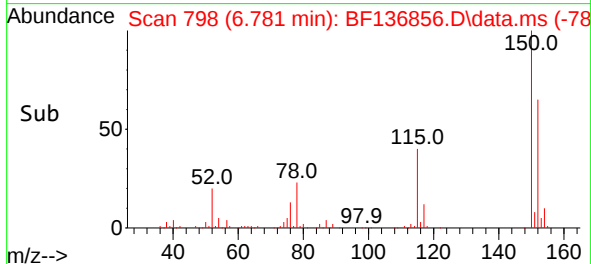
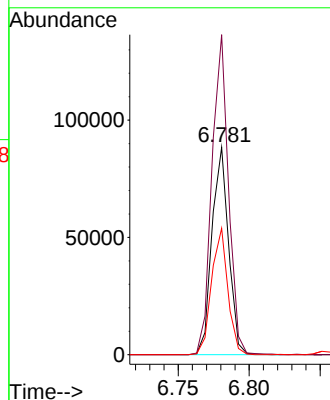
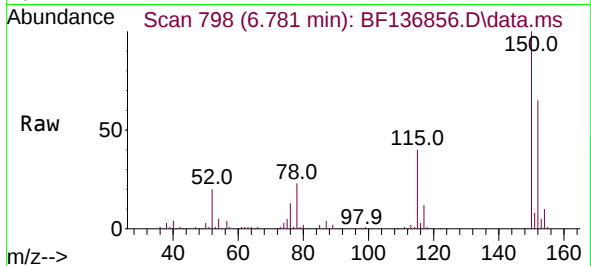




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

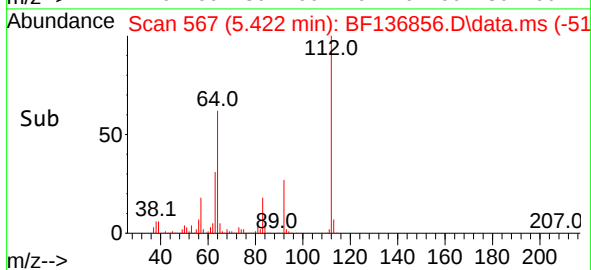
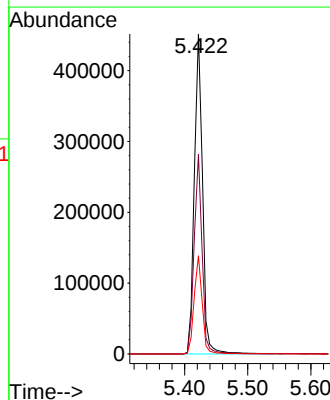
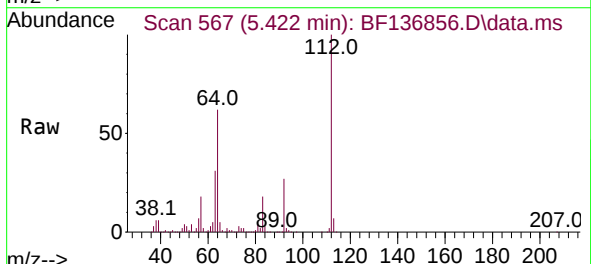
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40

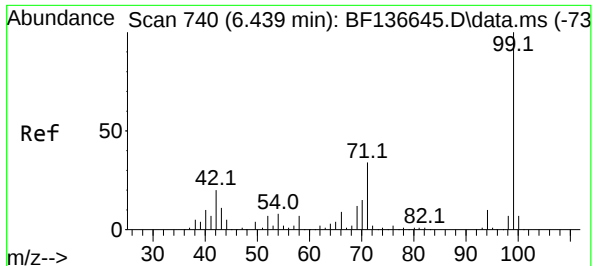
Tgt Ion:152 Resp: 71727
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 61.0 49.0 73.4



#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

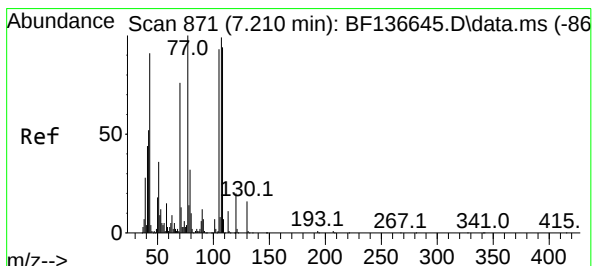
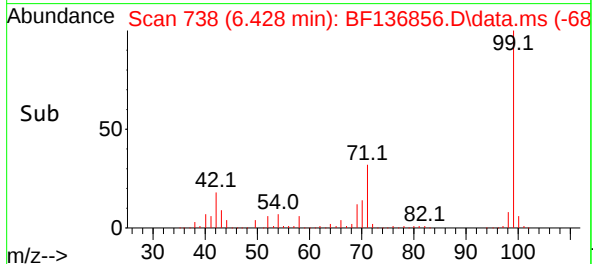
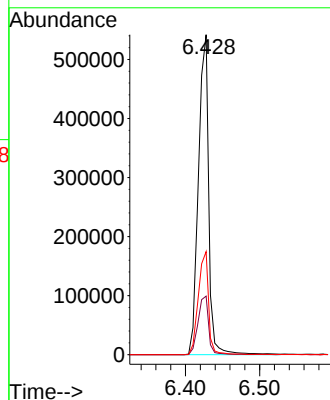
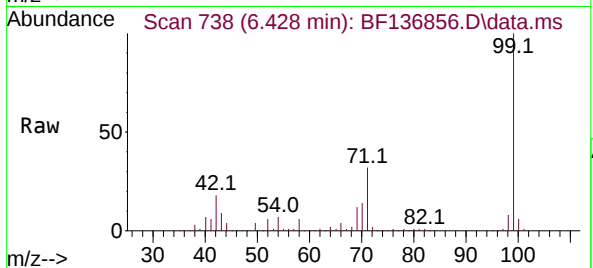




#7
Phenol-d6
Concen: 87.398 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

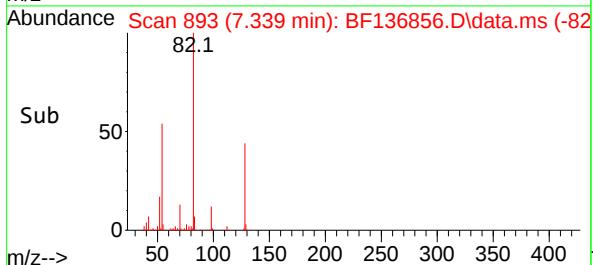
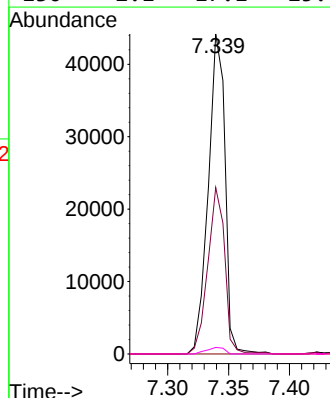
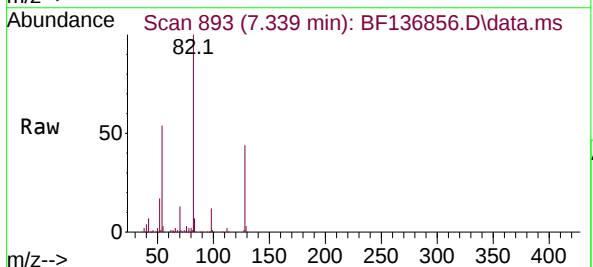
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40

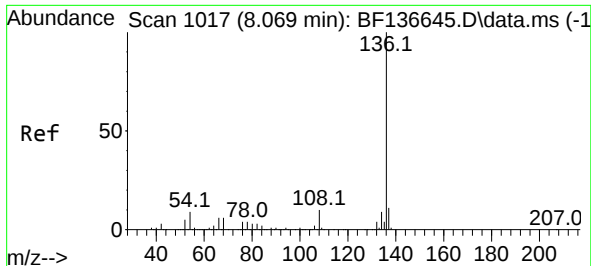
Tgt Ion: 99 Resp: 520602
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 32.2 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.696 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

Tgt Ion: 70 Resp: 42232
Ion Ratio Lower Upper
70 100
42 52.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



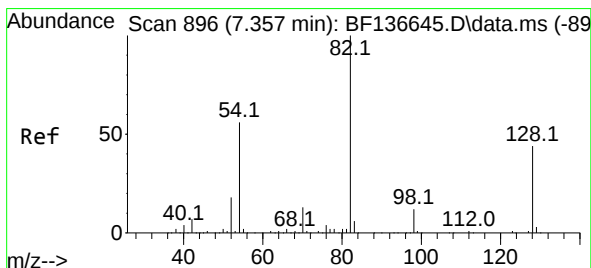
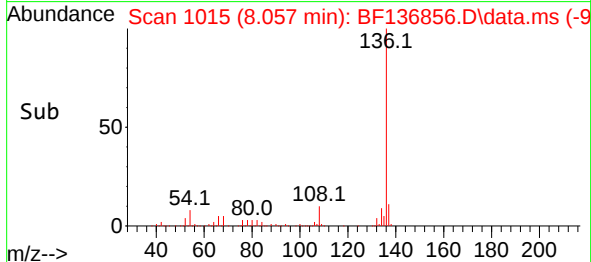
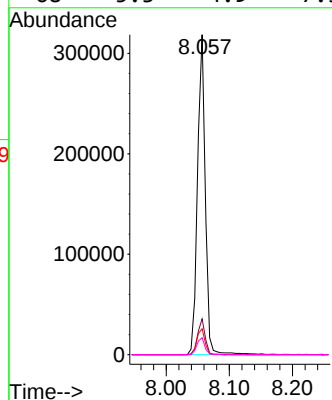
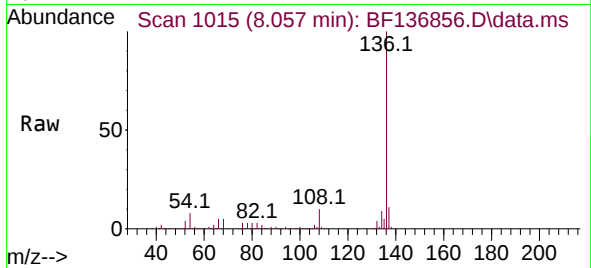


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

Instrument :
BNA_F
ClientSampleId :
GHL-SS-40

Tgt Ion:136 Resp: 273036

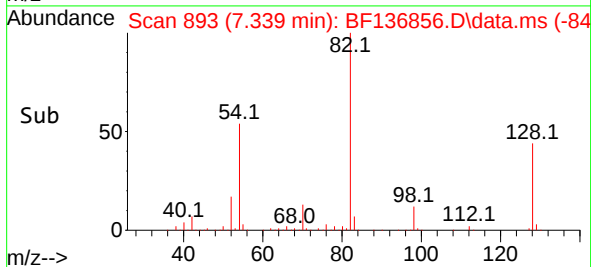
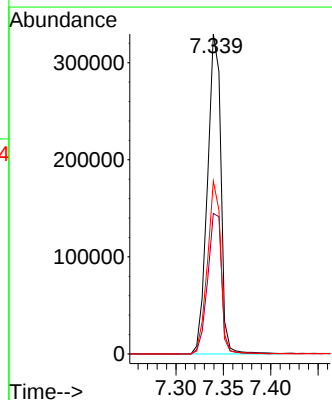
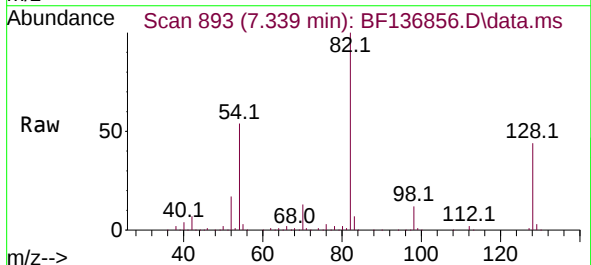
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.1	7.2	10.8
68	5.3	4.9	7.3

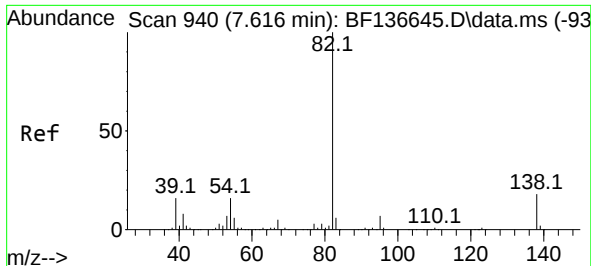


#23
Nitrobenzene-d5
Concen: 60.877 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

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

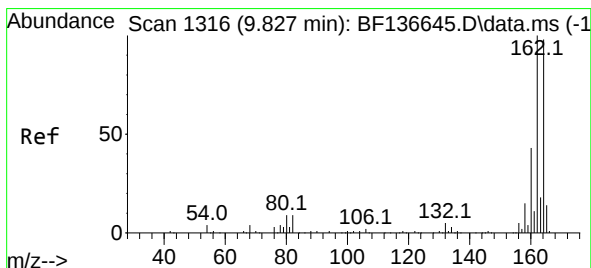
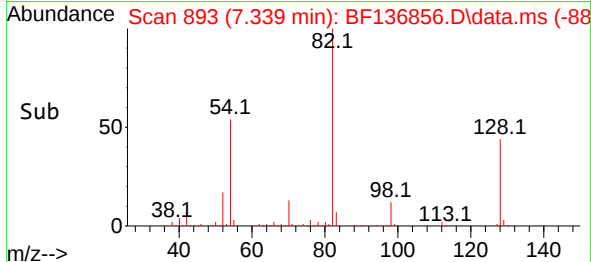
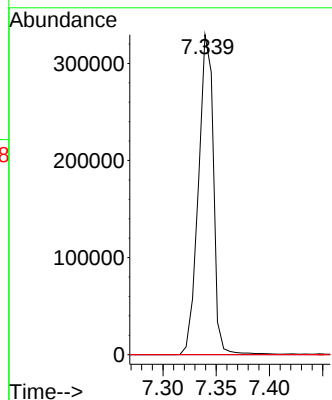
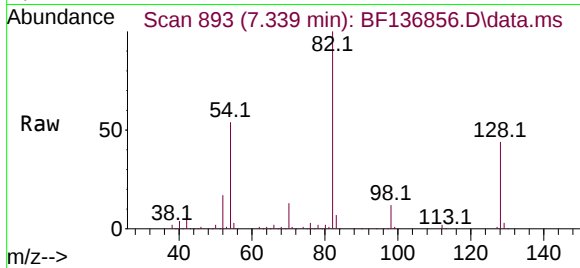




#25
Isophorone
Concen: 33.317 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

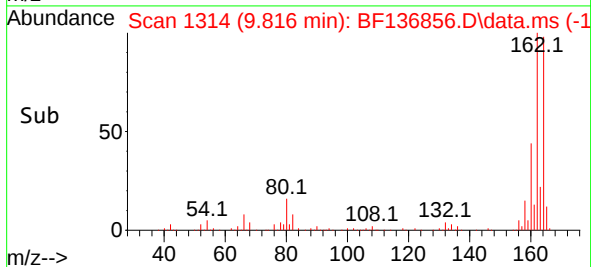
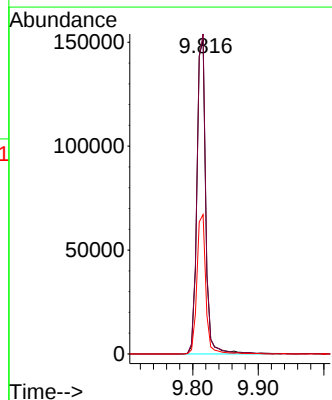
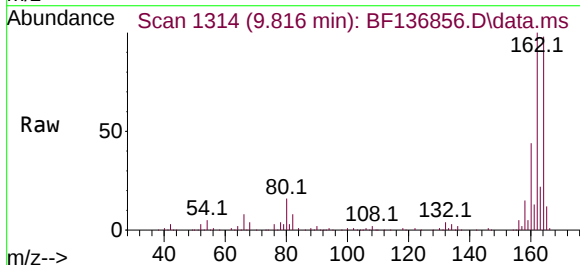
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40

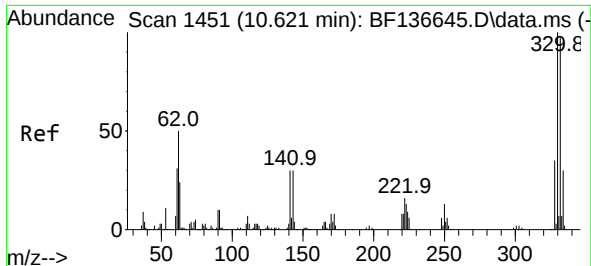
Tgt Ion: 82 Resp: 323472
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#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# 1451

Delta R.T. -0.018 min

Lab File: BF136856.D

Acq: 30 Dec 2023 06:17

Instrument :

BNA_F

ClientSampleId :

GHL-SS-40

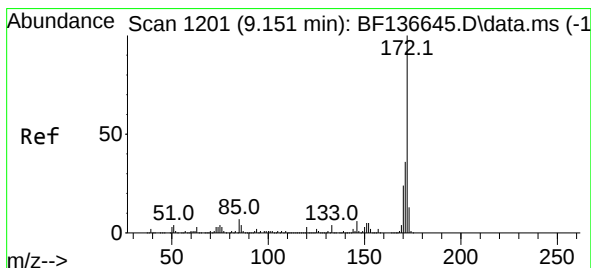
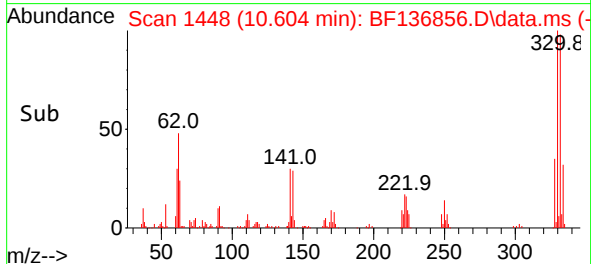
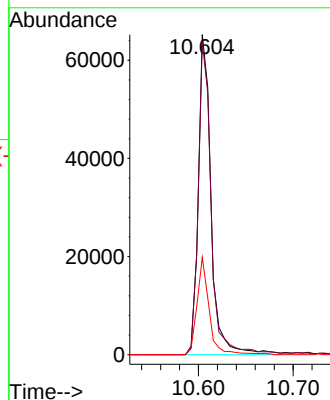
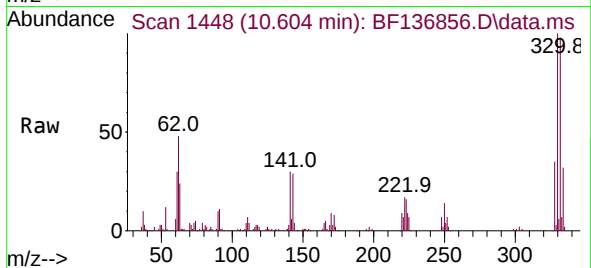
Tgt Ion:330 Resp: 61520

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

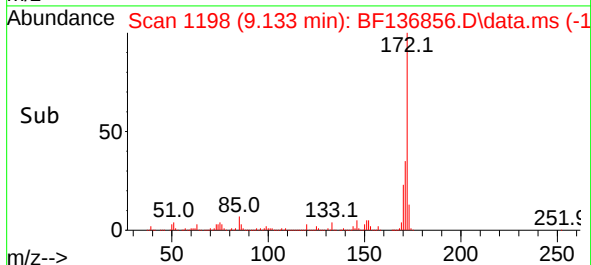
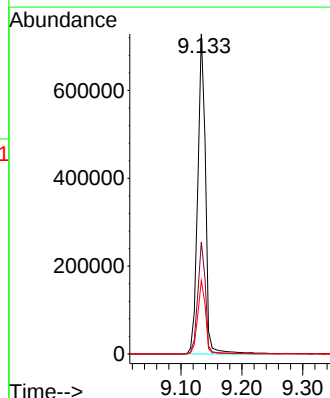
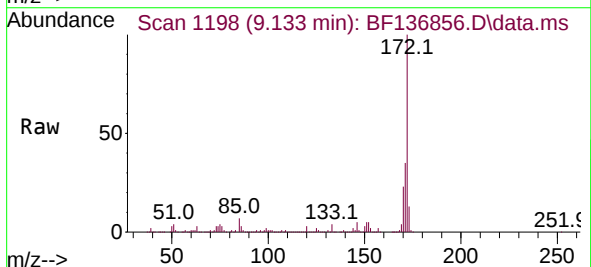
Tgt Ion:172 Resp: 649934

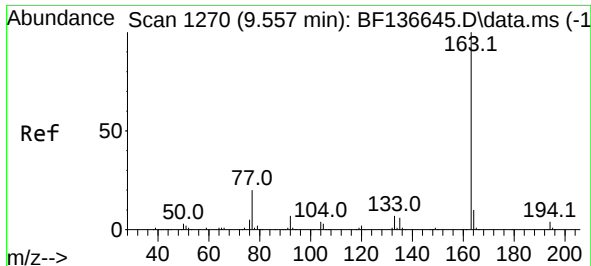
Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 23.0 19.0 28.4

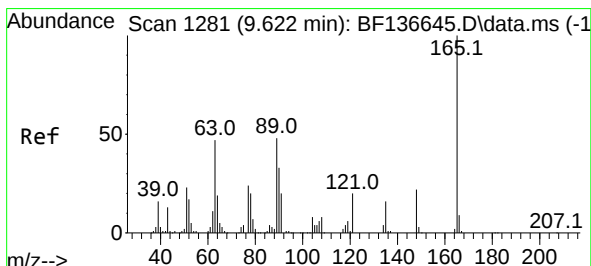
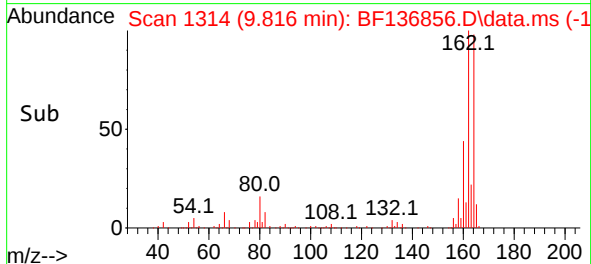
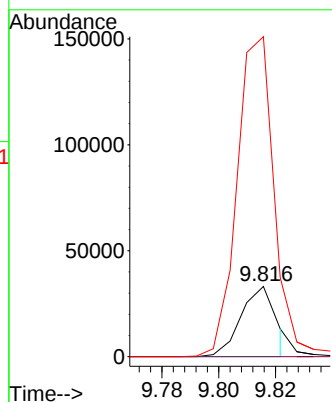
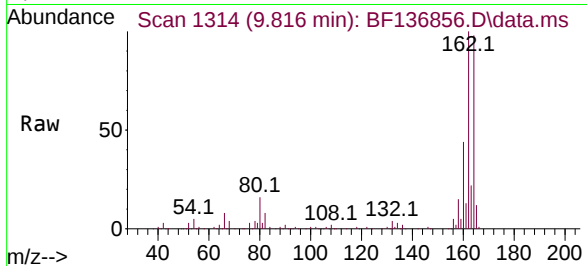




#50
Dimethylphthalate
Concen: 2.744 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

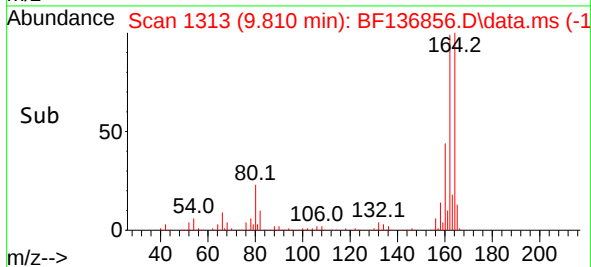
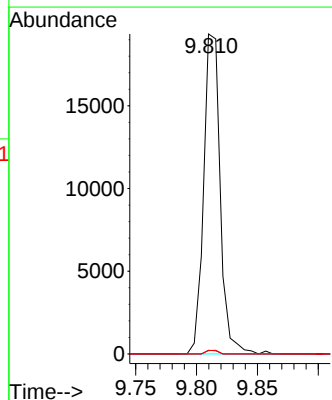
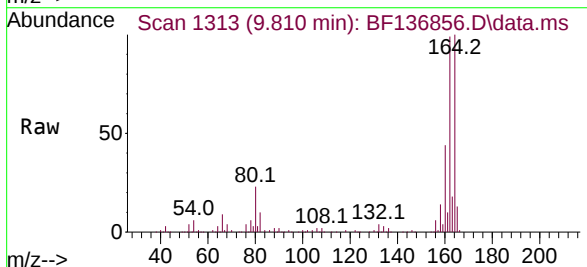
Instrument :
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GHL-SS-40

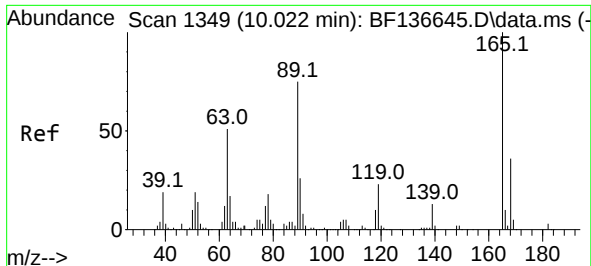
Tgt Ion:163 Resp: 28308
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 455.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.814 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

Tgt Ion:165 Resp: 18293
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.1 38.8 58.2#

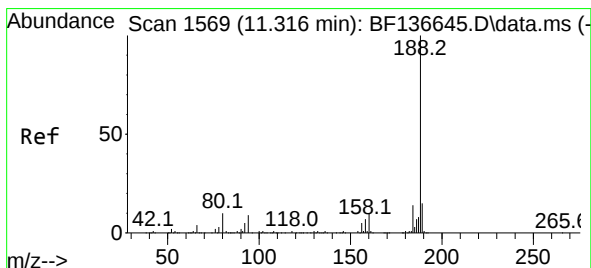
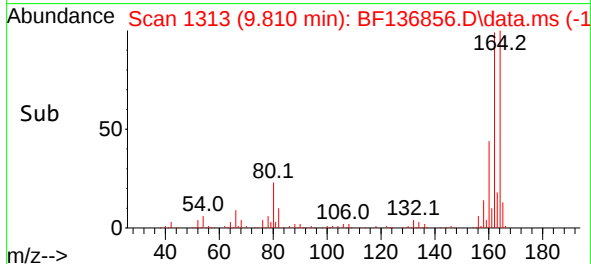
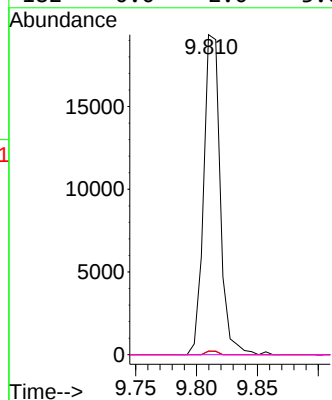
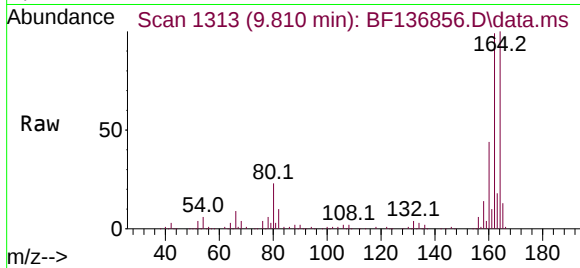




#57
2,4-Dinitrotoluene
Concen: 6.019 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

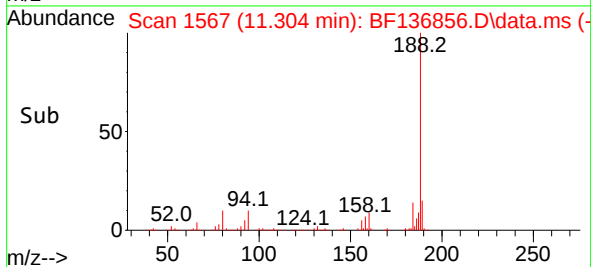
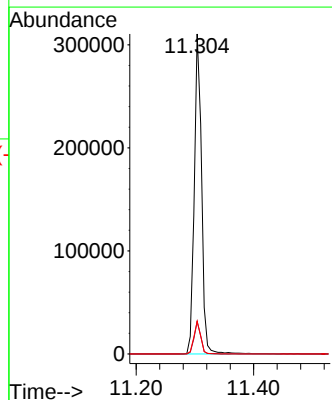
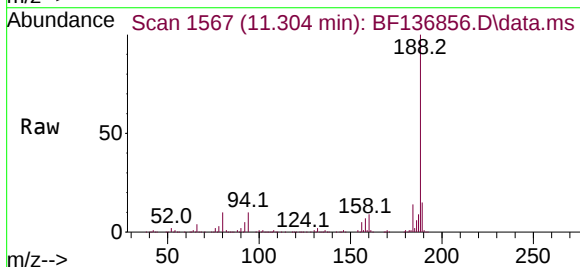
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40

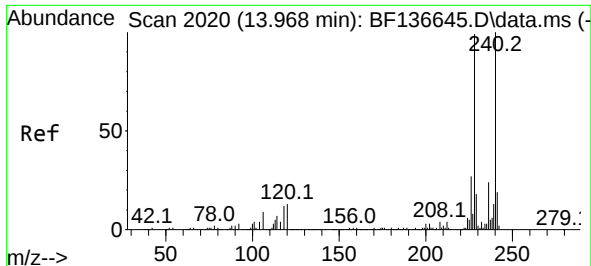
Tgt Ion:165 Resp: 18293
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

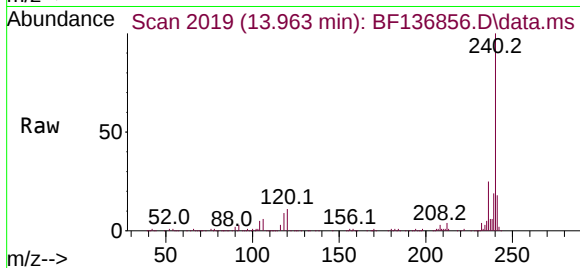
Tgt Ion:188 Resp: 266961
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.2 8.1 12.1



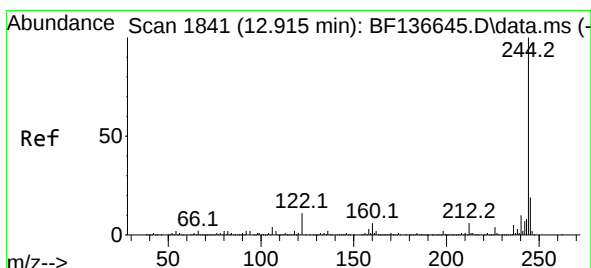
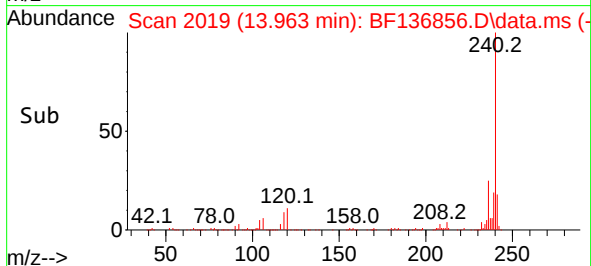
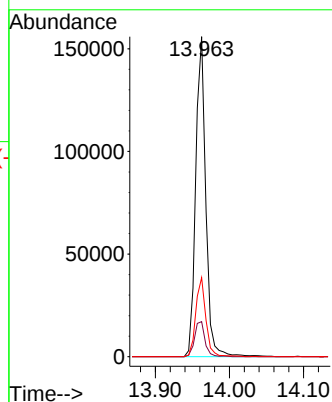


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

Instrument :
BNA_F
ClientSampleId :
GHL-SS-40

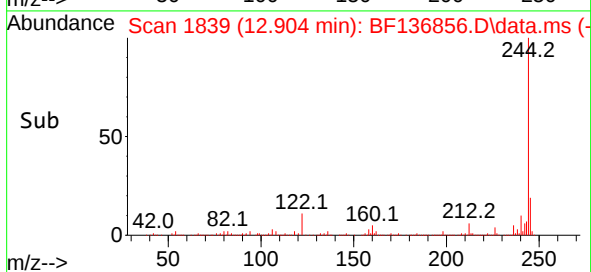
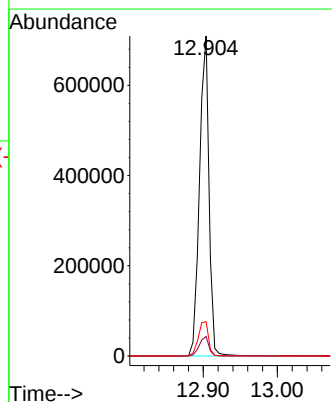
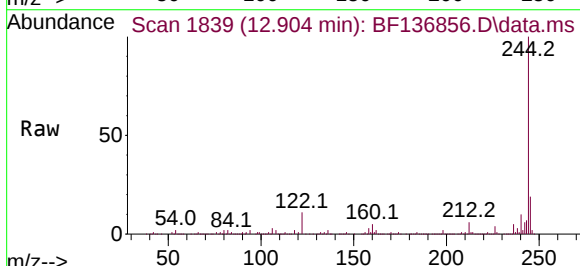


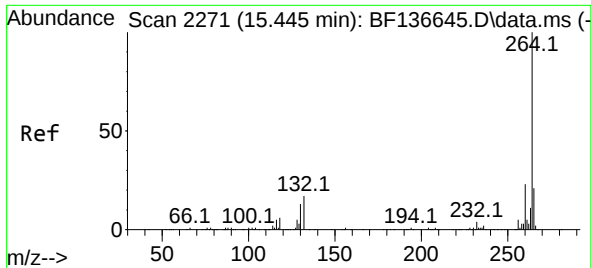
Tgt Ion:240 Resp: 147292
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 24.7 19.4 29.2



#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

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# 21
Delta R.T. -0.006 min
Lab File: BF136856.D
Acq: 30 Dec 2023 06:17

Instrument :
BNA_F
ClientSampleId :
GHL-SS-40

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

