

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136855.D
 Acq On : 30 Dec 2023 05:46
 Operator : CG\JU
 Sample : 05897-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-42

Quant Time: Jan 01 00:31:16 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)

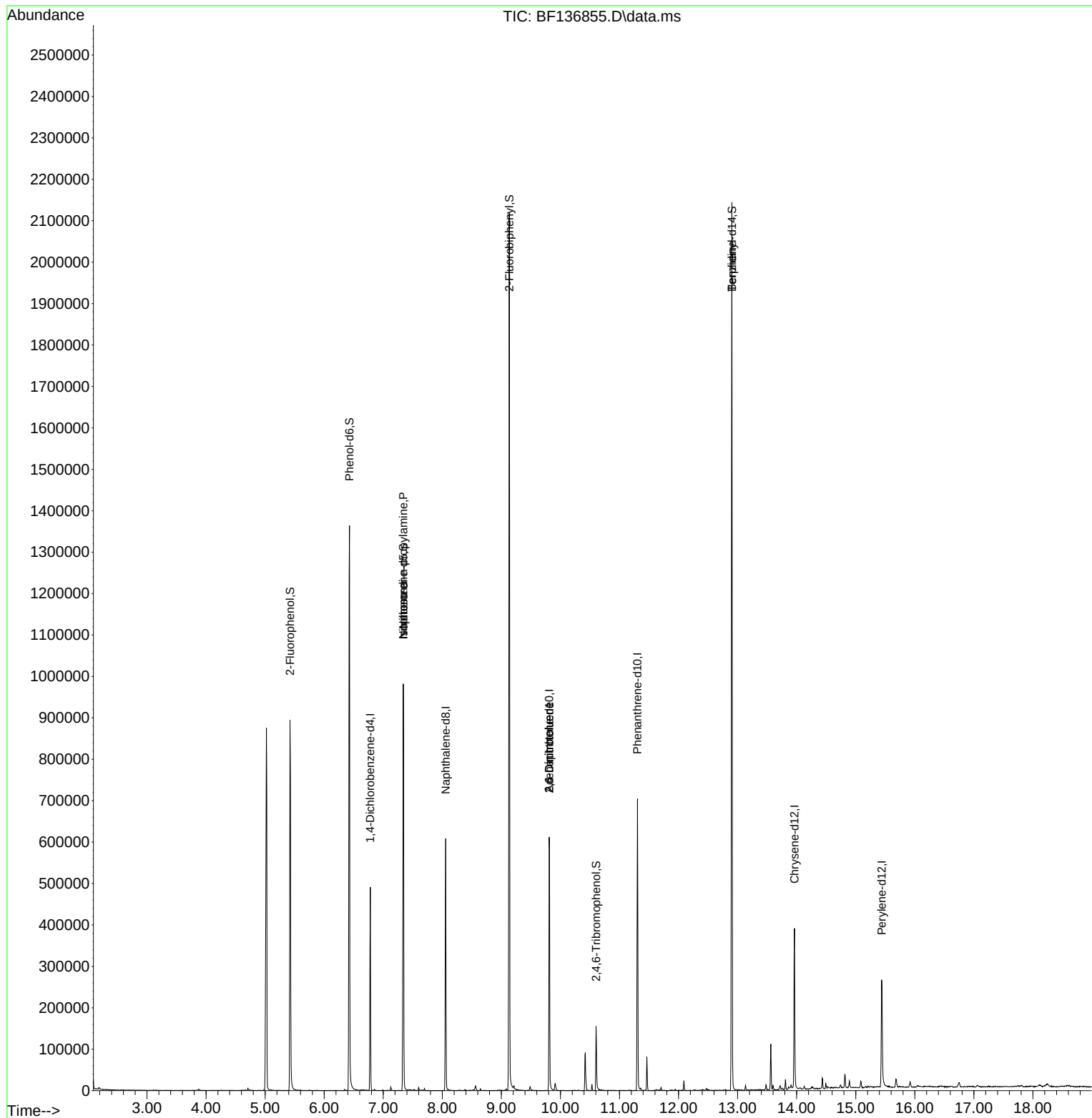
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68513	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	262636	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	135453	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	256648	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	138702	20.000	ng	0.00
86) Perylene-d12	15.439	264	132040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	248817	56.664	ng	0.00
7) Phenol-d6	6.428	99	483524	84.982	ng	-0.01
23) Nitrobenzene-d5	7.339	82	298313	58.122	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	22250	13.948	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	681517	67.671	ng	-0.02
79) Terphenyl-d14	12.904	244	758476	76.419	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	38792	11.247	ng	# 75
25) Isophorone	7.339	82	297235	31.827	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	17152	7.639	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	17152	5.884	ng	# 21
77) Benzidine	12.904	184	8395	2.053	ng	# 91

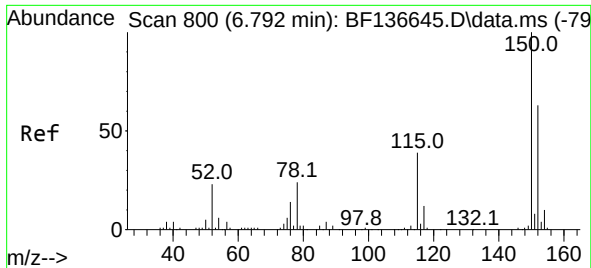
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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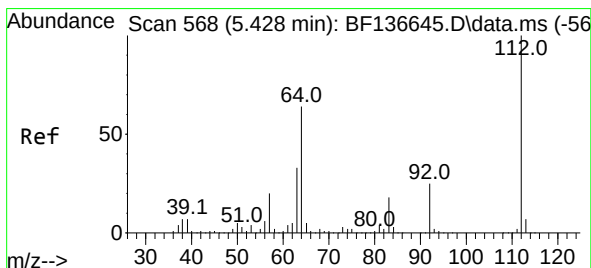
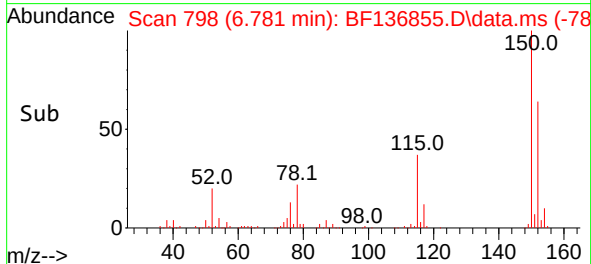
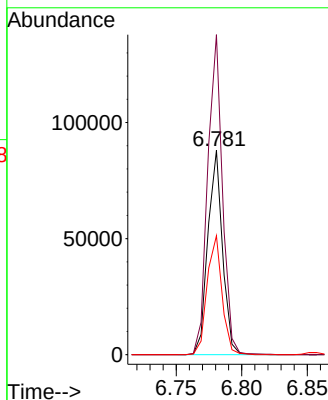
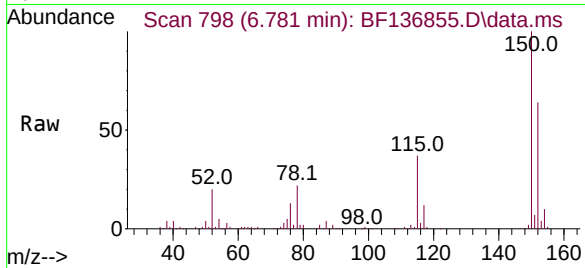




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

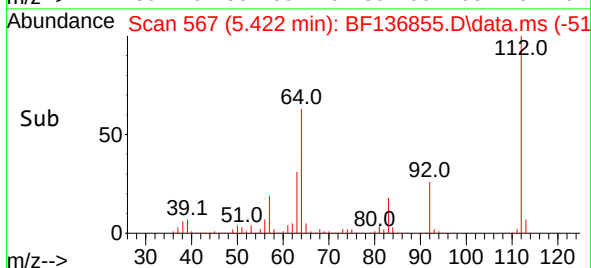
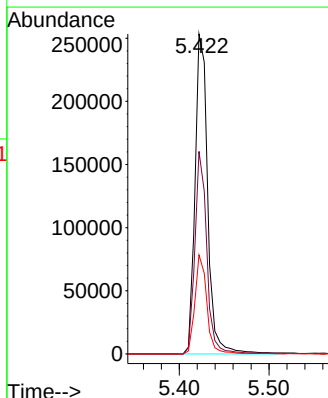
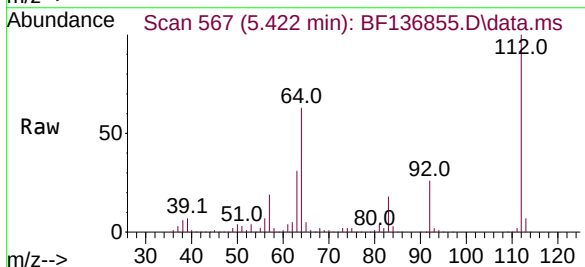
Instrument :
BNA_F
ClientSampleId :
GHL-SS-42

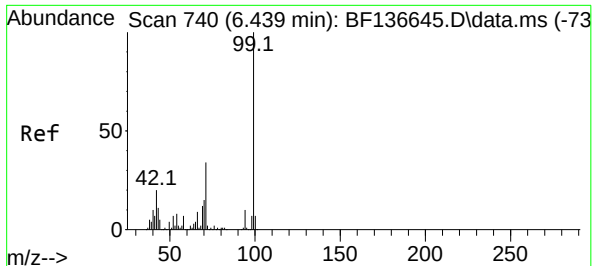
Tgt Ion:152 Resp: 68513
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 58.2 49.0 73.4



#5
2-Fluorophenol
Concen: 56.664 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

Tgt Ion:112 Resp: 248817
Ion Ratio Lower Upper
112 100
64 63.3 51.1 76.7
63 31.0 26.1 39.1

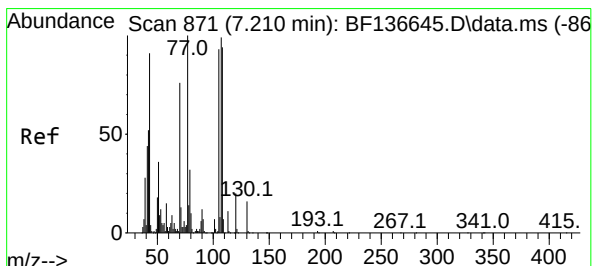
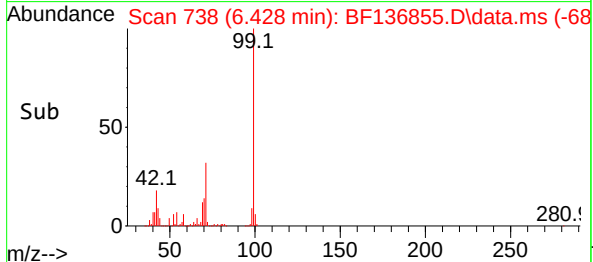
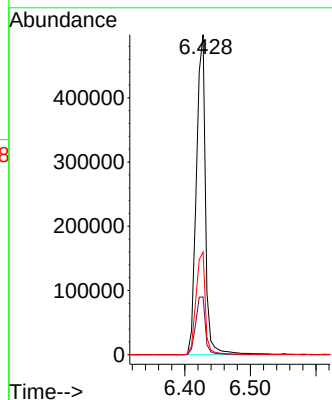
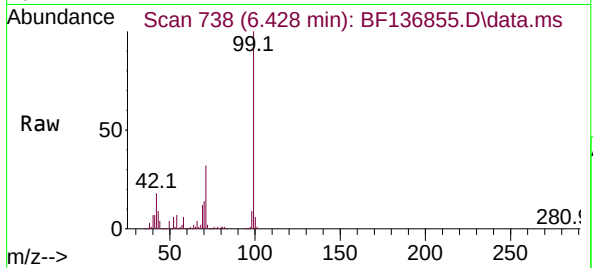




#7
Phenol-d6
Concen: 84.982 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

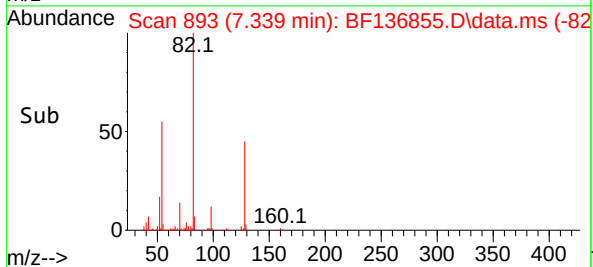
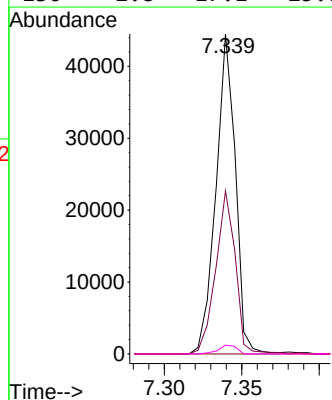
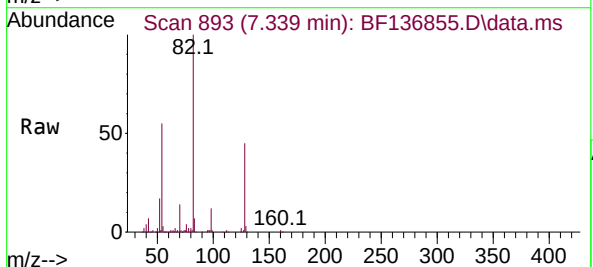
Instrument :
BNA_F
ClientSampleId :
GHL-SS-42

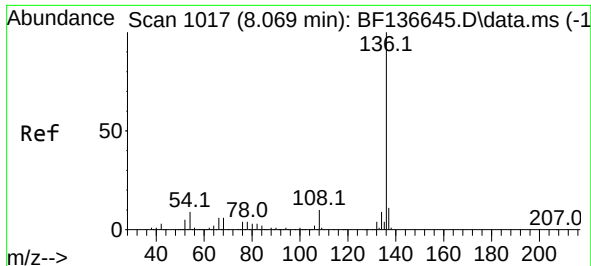
Tgt Ion: 99 Resp: 483524
Ion Ratio Lower Upper
99 100
42 18.1 16.1 24.1
71 32.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.247 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

Tgt Ion: 70 Resp: 38792
Ion Ratio Lower Upper
70 100
42 51.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.8 17.1 25.7#



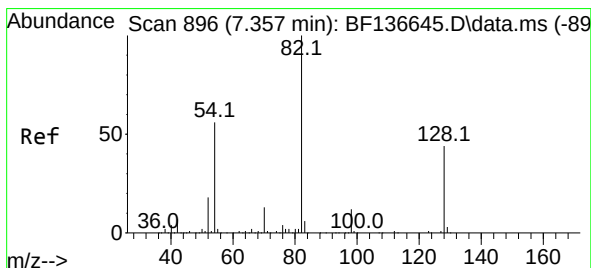
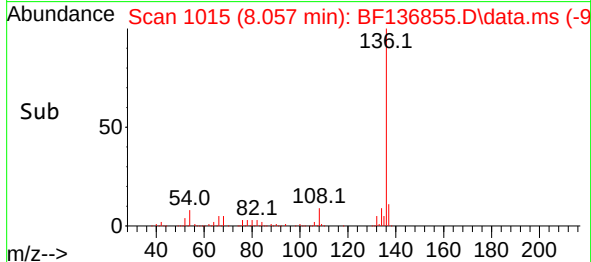
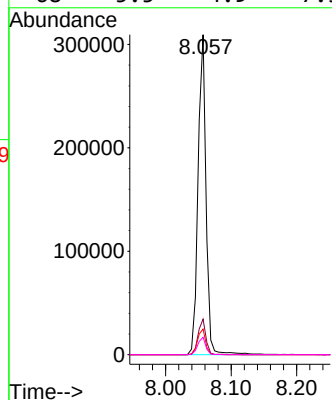
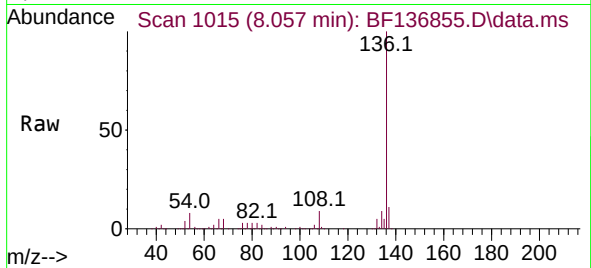


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

Instrument :
BNA_F
ClientSampleId :
GHL-SS-42

Tgt Ion:136 Resp: 262636

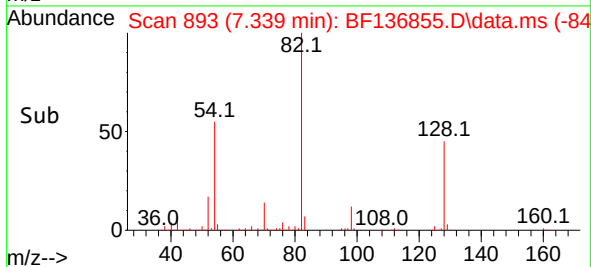
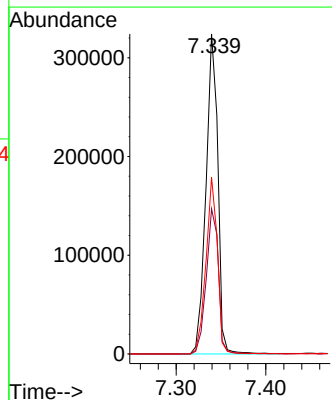
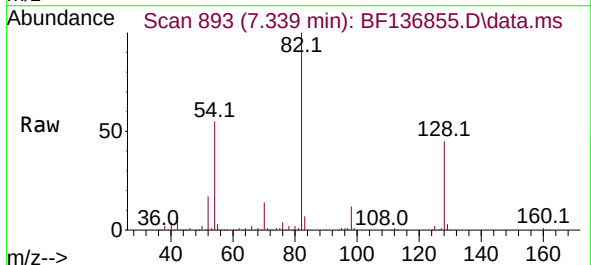
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.0	7.2	10.8
68	5.5	4.9	7.3

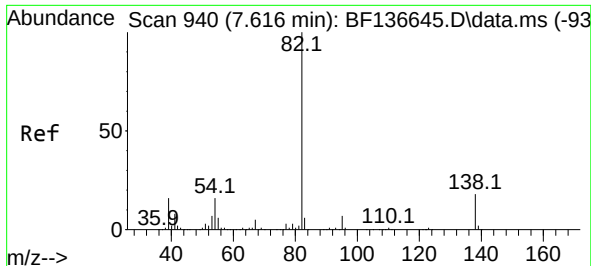


#23
Nitrobenzene-d5
Concen: 58.122 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

Tgt Ion: 82 Resp: 298313

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.3	52.9
54	55.2	44.5	66.7

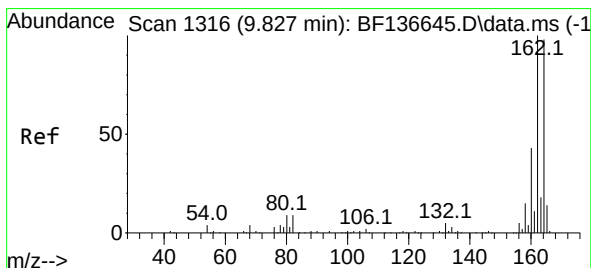
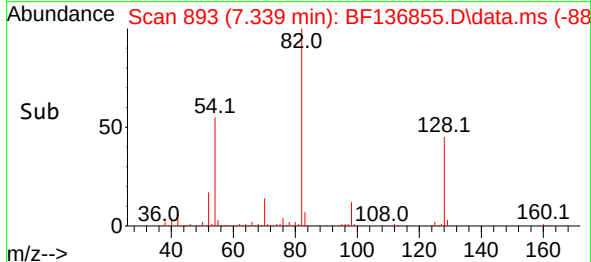
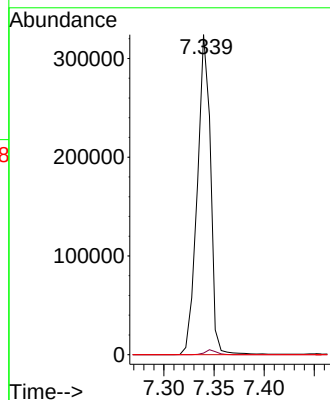
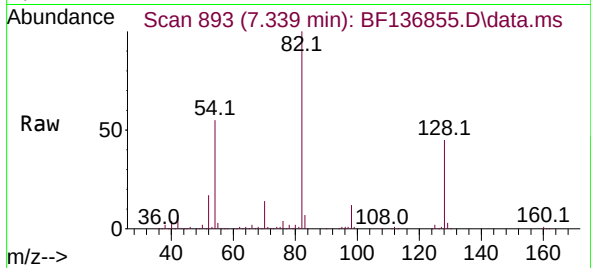




#25
Isophorone
Concen: 31.827 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

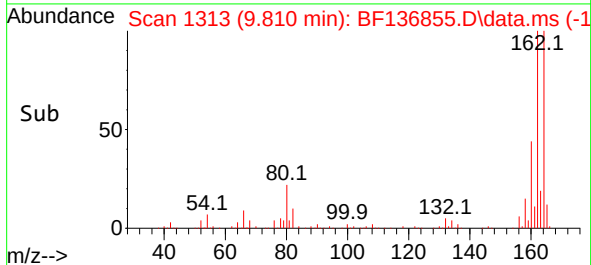
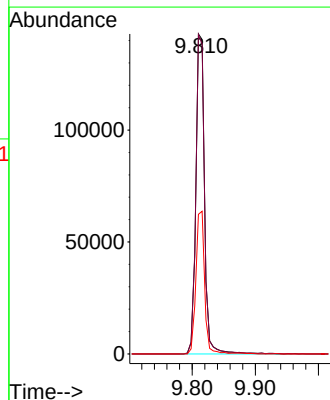
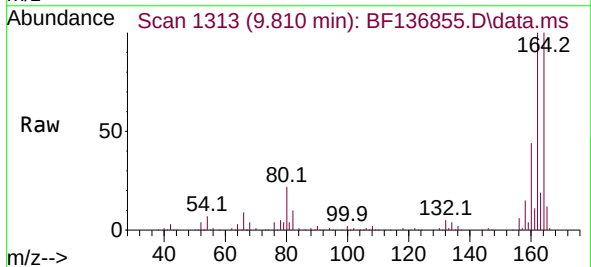
Instrument :
BNA_F
ClientSampleId :
GHL-SS-42

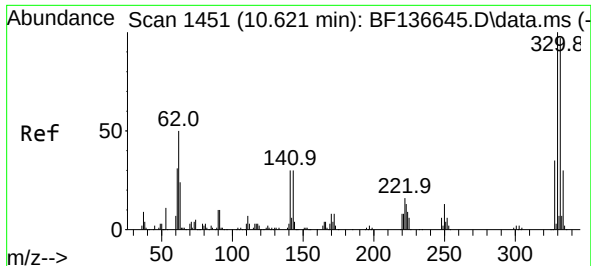
Tgt Ion: 82 Resp: 297235
Ion Ratio Lower Upper
82 100
95 0.5 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

Tgt Ion:164 Resp: 135453
Ion Ratio Lower Upper
164 100
162 99.8 81.6 122.4
160 43.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 13.948 ng

RT: 10.604 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136855.D

Acq: 30 Dec 2023 05:46

Instrument :

BNA_F

ClientSampleId :

GHL-SS-42

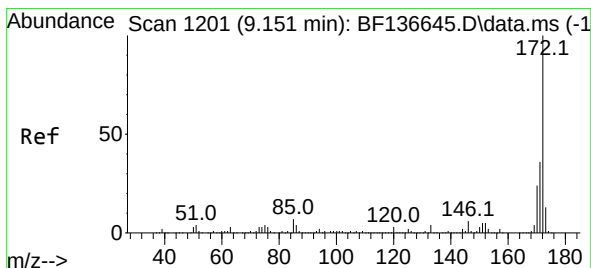
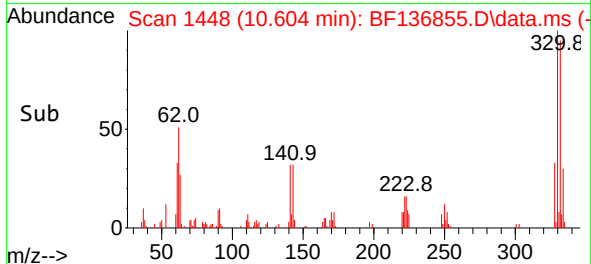
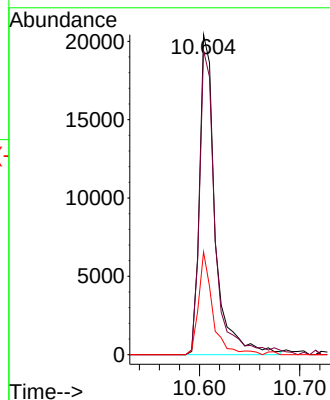
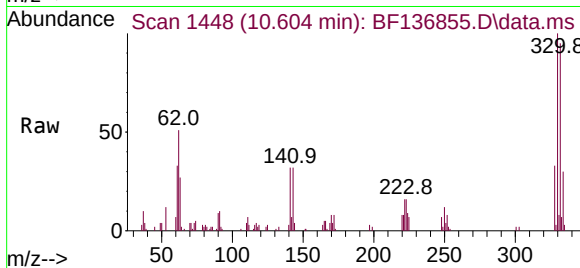
Tgt Ion:330 Resp: 22250

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 67.671 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136855.D

Acq: 30 Dec 2023 05:46

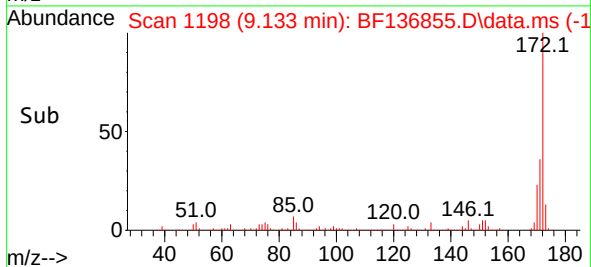
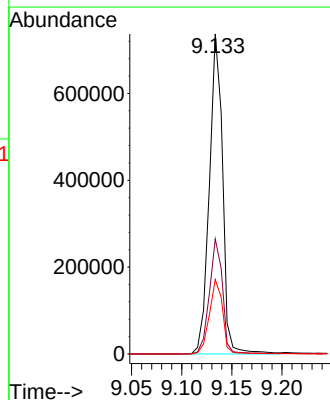
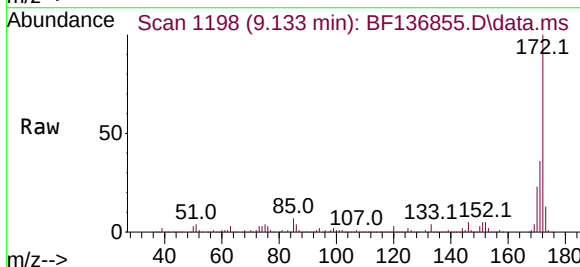
Tgt Ion:172 Resp: 681517

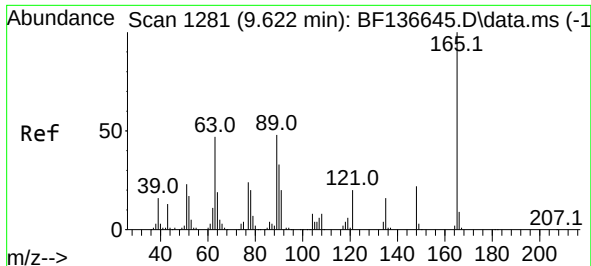
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.2 19.0 28.4

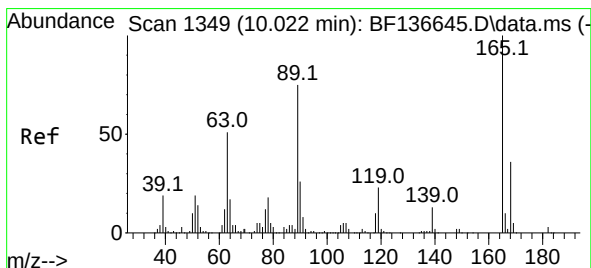
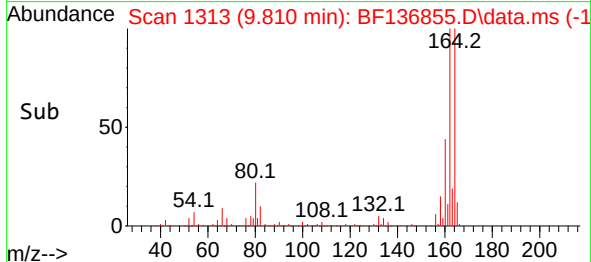
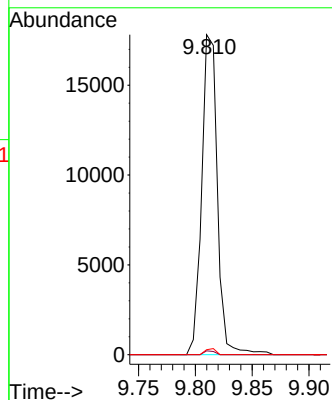
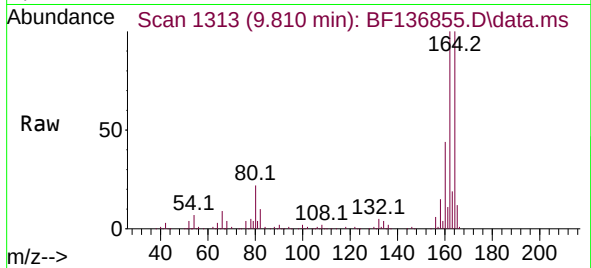




#51
2,6-Dinitrotoluene
Concen: 7.639 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

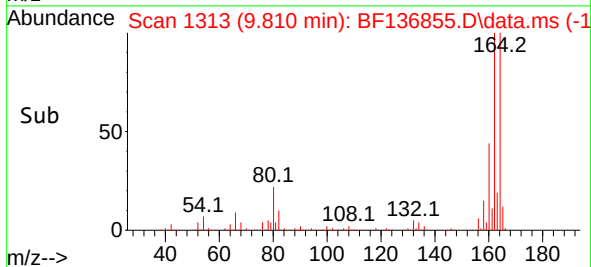
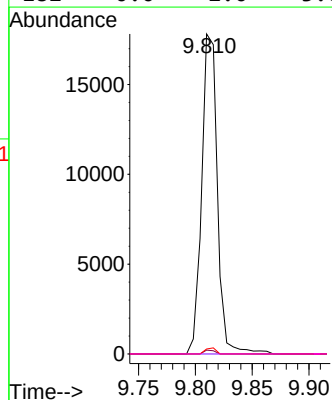
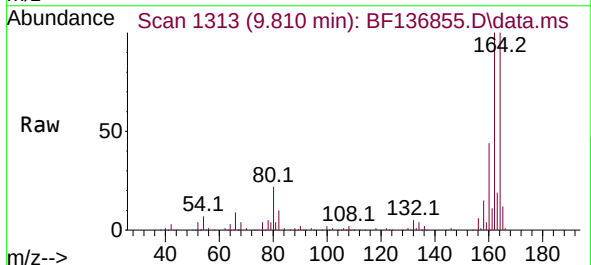
Instrument :
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GHL-SS-42

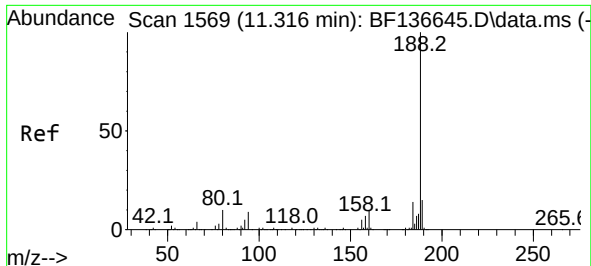
Tgt Ion:165 Resp: 17152
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.5 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.884 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

Tgt Ion:165 Resp: 17152
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.5 59.9 89.9#
182 0.0 2.0 3.0#

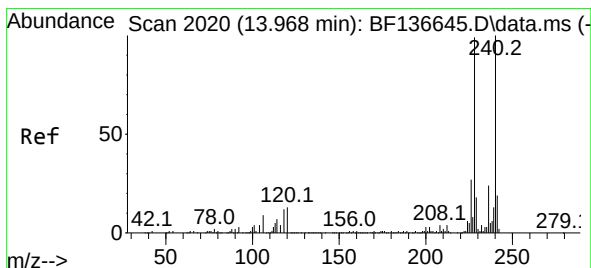
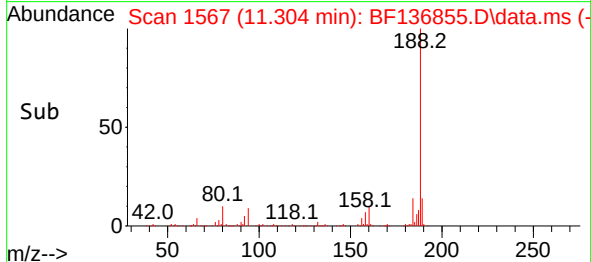
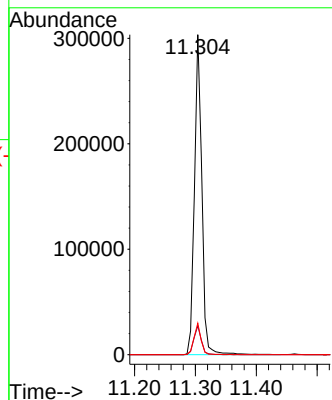
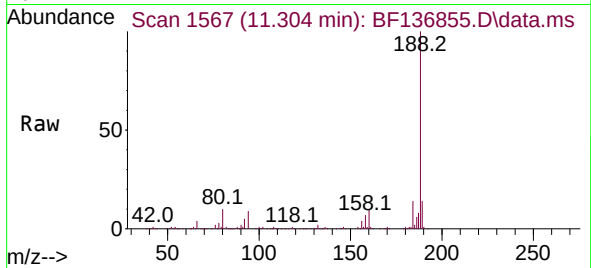




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

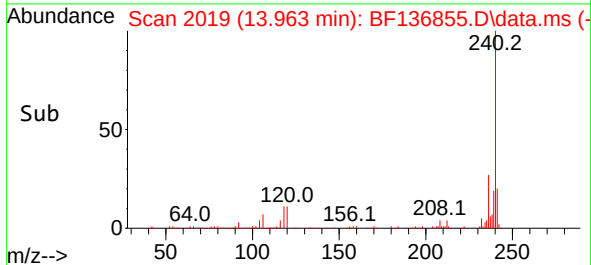
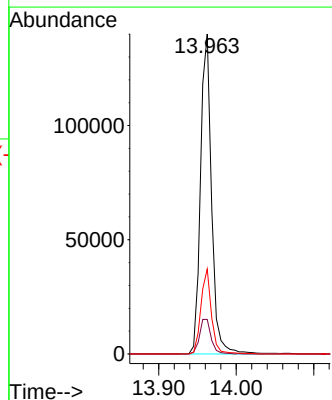
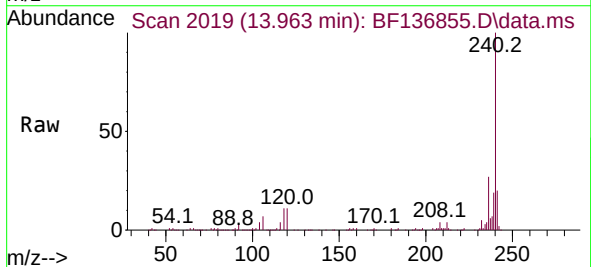
Instrument :
BNA_F
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GHL-SS-42

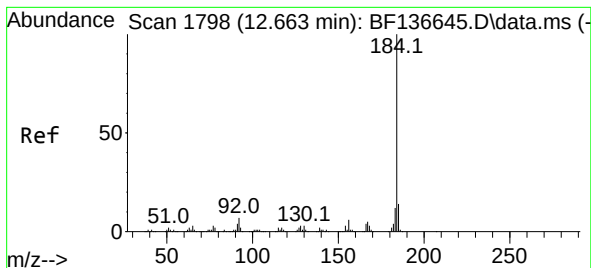
Tgt Ion:188 Resp: 256648
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136855.D
Acq: 30 Dec 2023 05:46

Tgt Ion:240 Resp: 138702
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 26.5 19.4 29.2





#77

Benzidine

Concen: 2.053 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF136855.D

Acq: 30 Dec 2023 05:46

Instrument :

BNA_F

ClientSampleId :

GHL-SS-42

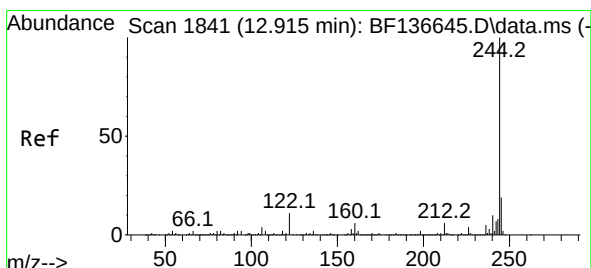
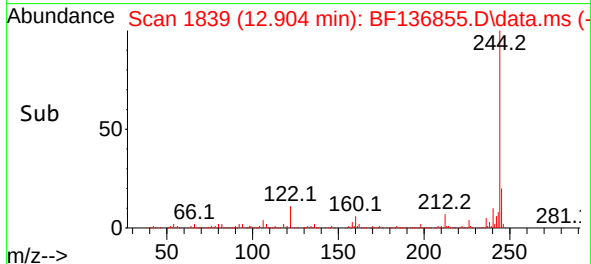
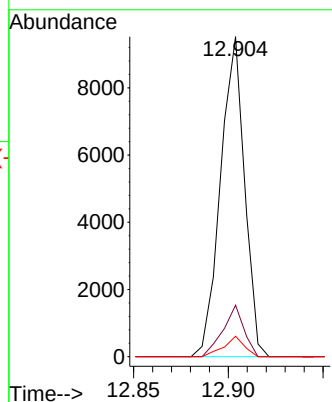
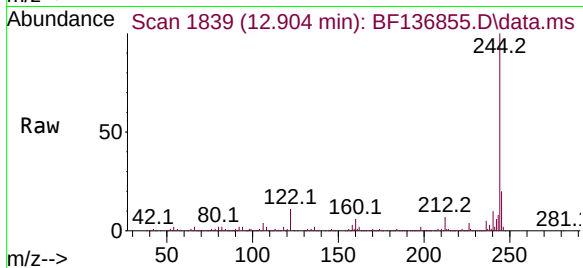
Tgt Ion:184 Resp: 8395

Ion Ratio Lower Upper

184 100

185 16.1 11.2 16.8

183 6.4 9.3 13.9#



#79

Terphenyl-d14

Concen: 76.419 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136855.D

Acq: 30 Dec 2023 05:46

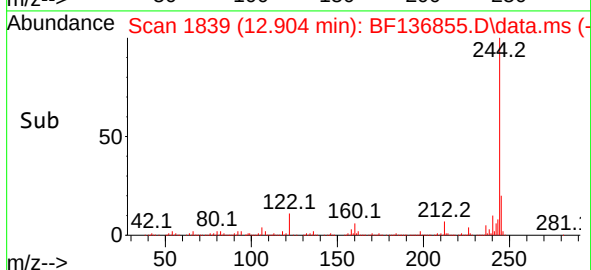
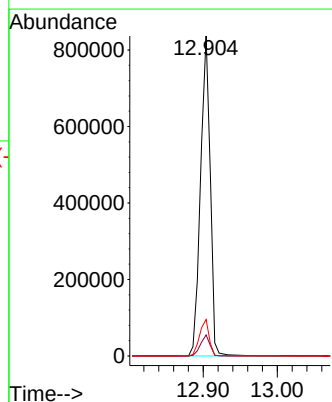
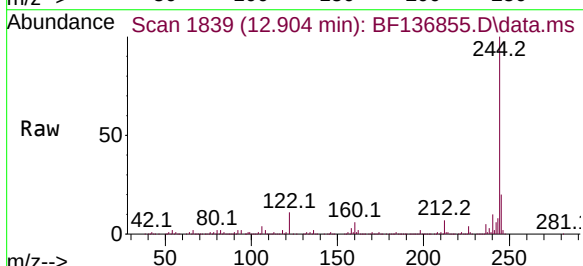
Tgt Ion:244 Resp: 758476

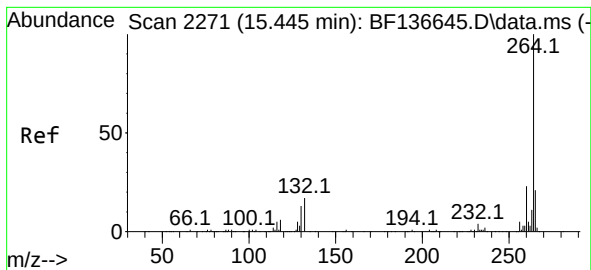
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 11.4 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: BF136855.D
 Acq: 30 Dec 2023 05:46

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-42

Tgt Ion:264 Resp: 132040
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 21.1 17.0 25.6

