

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136854.D
 Acq On : 30 Dec 2023 05:14
 Operator : CG\JU
 Sample : 05897-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-40-D

Quant Time: Dec 30 05:34:25 2023
 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)

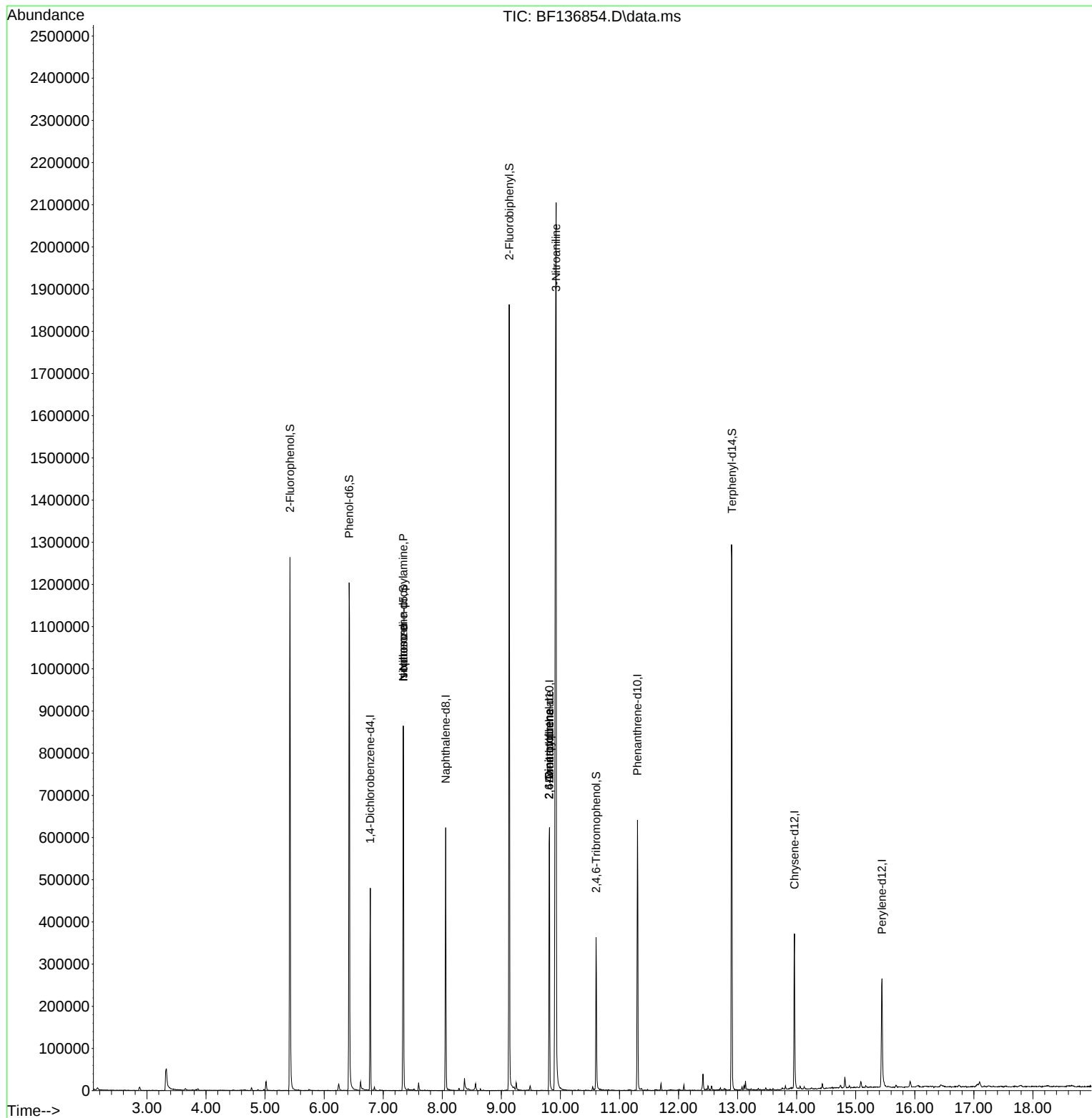
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68033	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	263441	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	132100	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	242328	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	134897	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	135011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	333755	76.544	ng	0.00
7) Phenol-d6	6.422	99	430025	76.112	ng	-0.02
23) Nitrobenzene-d5	7.340	82	268119	52.080	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	46862	30.121	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	541621	55.146	ng	-0.02
79) Terphenyl-d14	12.904	244	495853	51.368	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	35623	10.401	ng	# 73
25) Isophorone	7.340	82	268116	28.621	ng	# 65
50) Dimethylphthalate	9.816	163	26390	2.735	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	17176	7.844	ng	# 30
53) 3-Nitroaniline	9.928	138	19509	8.410	ng	# 1
57) 2,4-Dinitrotoluene	9.810	165	17176	6.042	ng	# 21

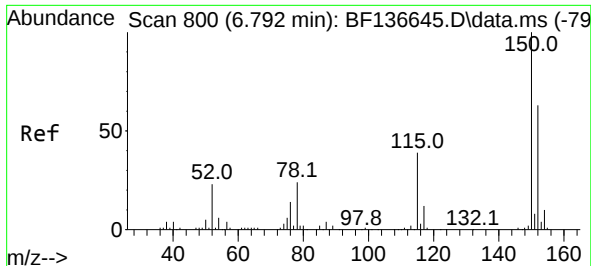
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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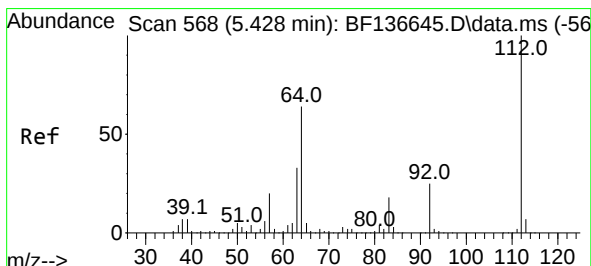
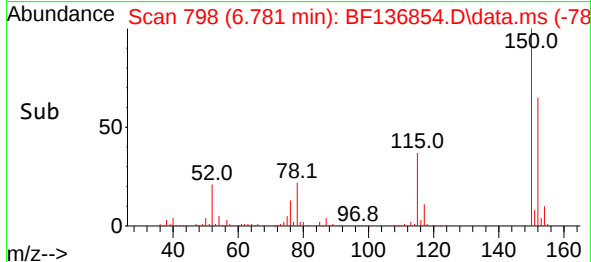
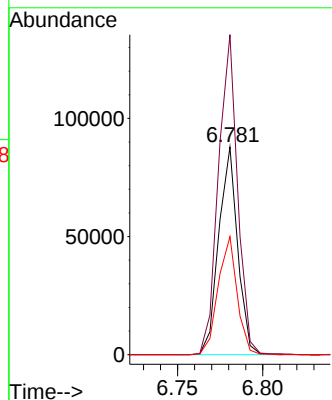
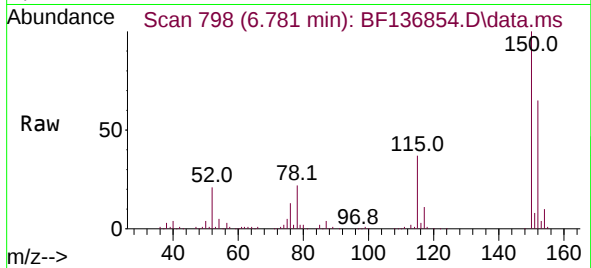




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

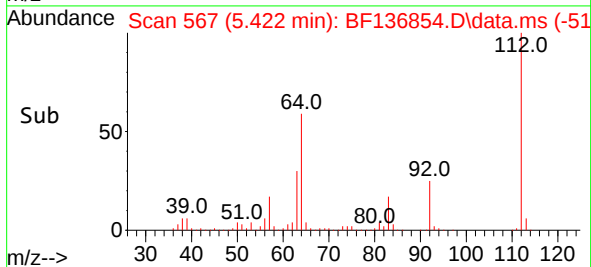
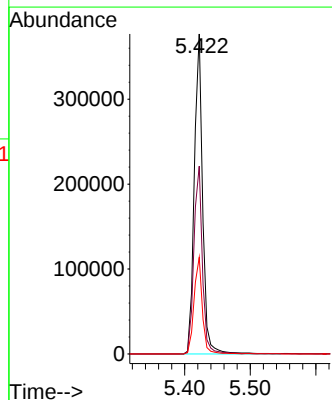
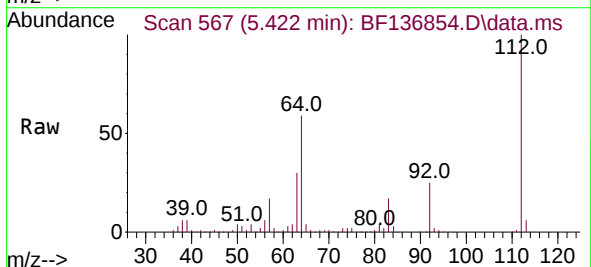
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40-D

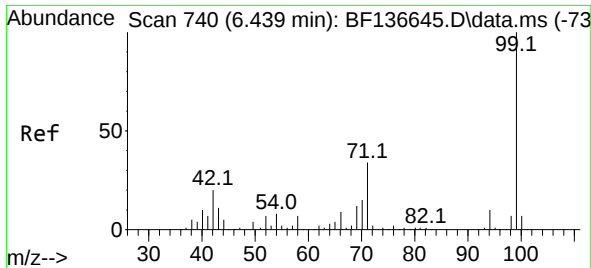
Tgt Ion:152 Resp: 68033
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 56.9 49.0 73.4



#5
2-Fluorophenol
Concen: 76.544 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

Tgt Ion:112 Resp: 333755
Ion Ratio Lower Upper
112 100
64 58.7 51.1 76.7
63 30.2 26.1 39.1

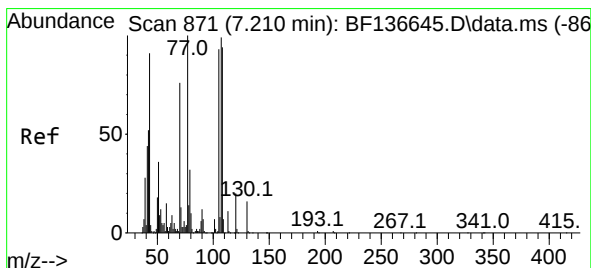
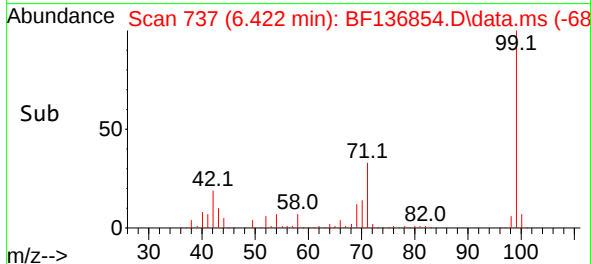
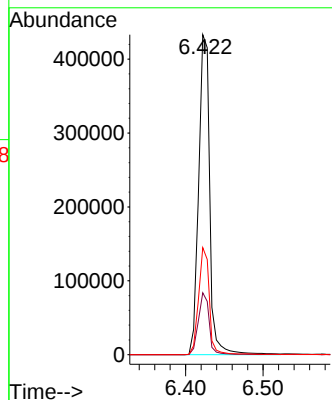
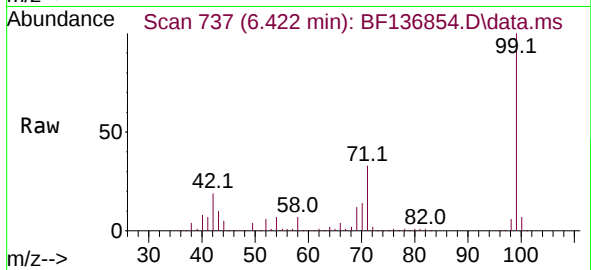




#7
Phenol-d6
Concen: 76.112 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

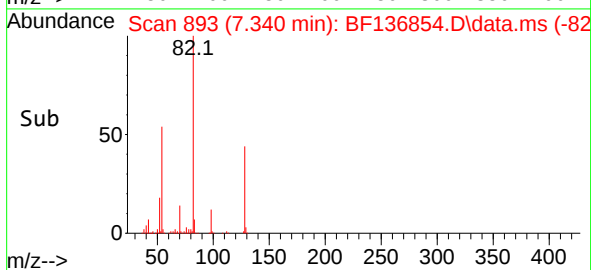
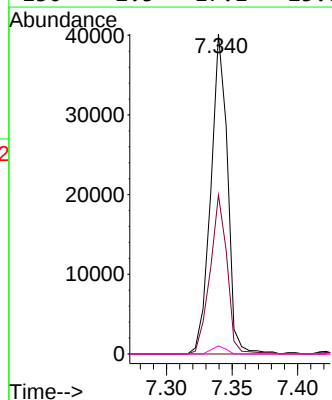
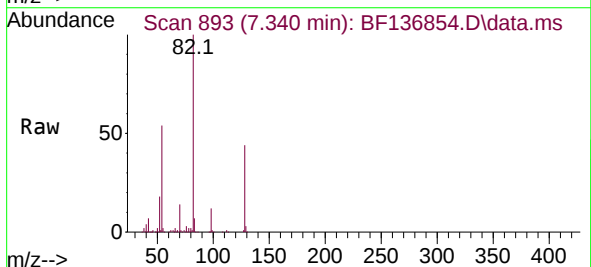
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40-D

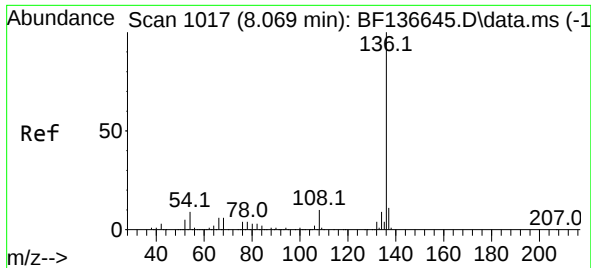
Tgt Ion: 99 Resp: 430025
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.401 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

Tgt Ion: 70 Resp: 35623
Ion Ratio Lower Upper
70 100
42 49.7 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#



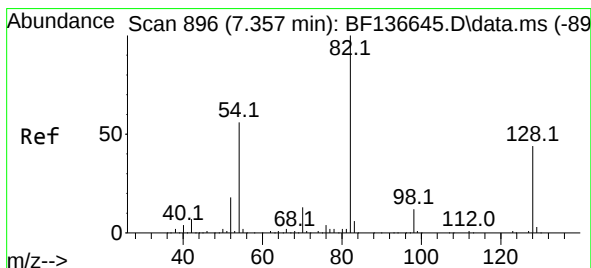
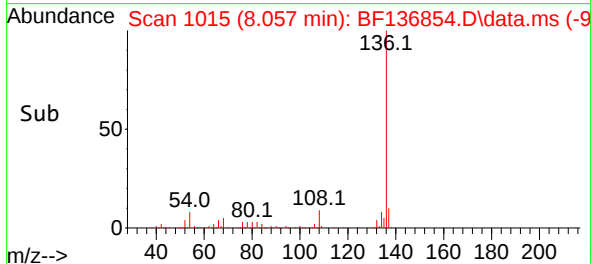
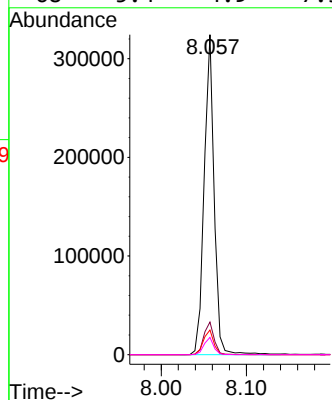
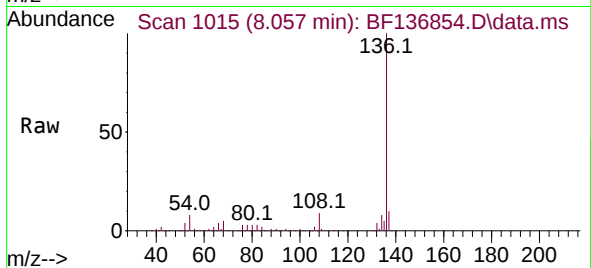


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

Instrument :
BNA_F
ClientSampleId :
GHL-SS-40-D

Tgt Ion:136 Resp: 263441

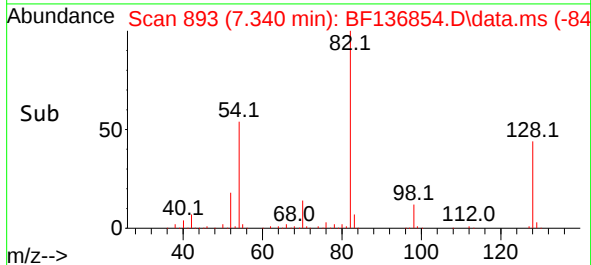
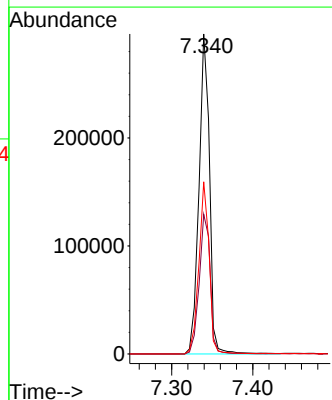
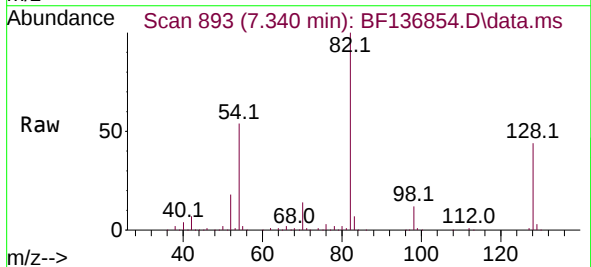
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	7.7	7.2	10.8
68	5.4	4.9	7.3

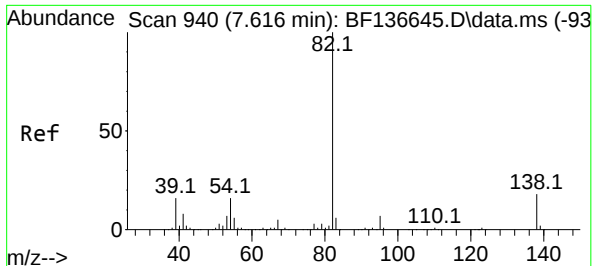


#23
Nitrobenzene-d5
Concen: 52.080 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

Tgt Ion: 82 Resp: 268119

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.3	52.9
54	53.8	44.5	66.7

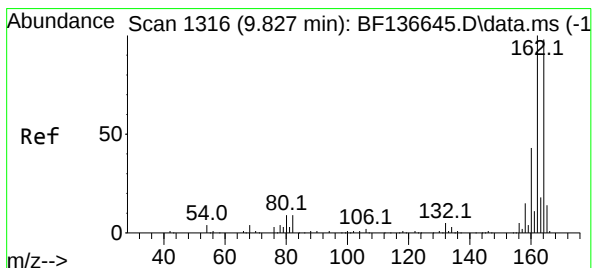
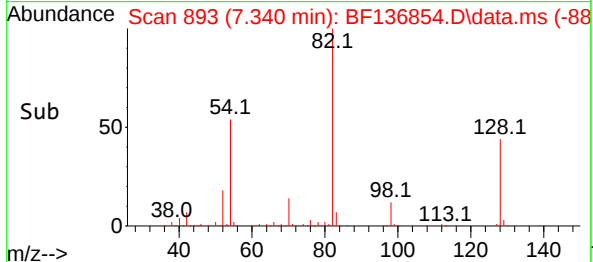
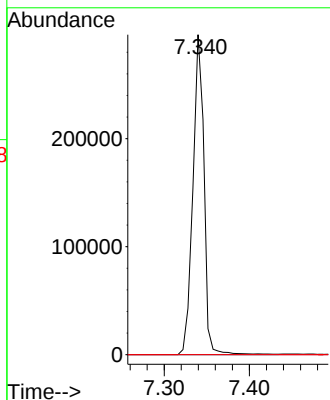
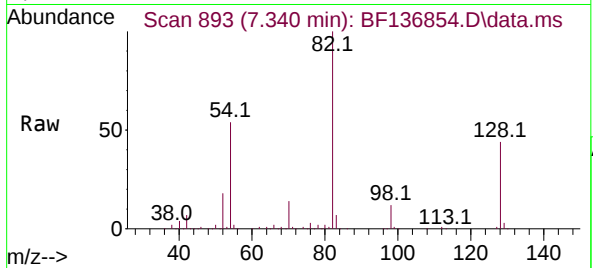




#25
Isophorone
Concen: 28.621 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

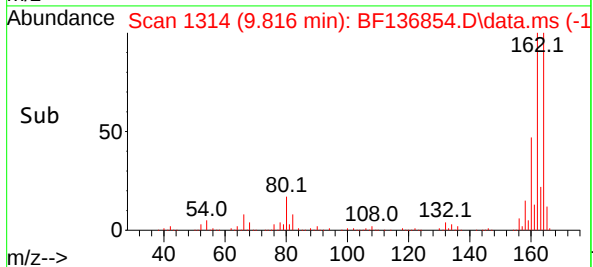
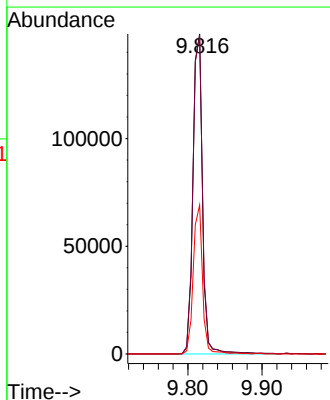
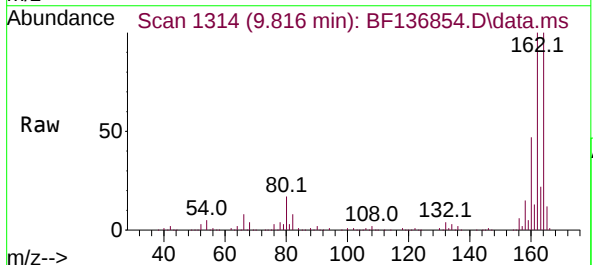
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40-D

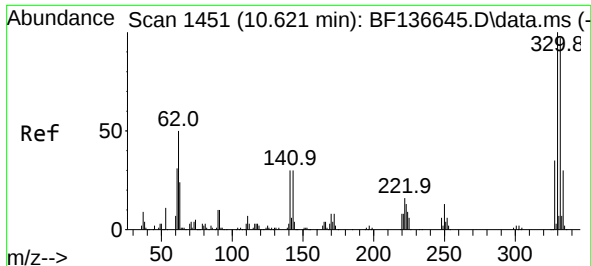
Tgt Ion: 82 Resp: 268116
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

Tgt Ion:164 Resp: 132100
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 46.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 30.121 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.017 min

Lab File: BF136854.D

Acq: 30 Dec 2023 05:14

Instrument :

BNA_F

ClientSampleId :

GHL-SS-40-D

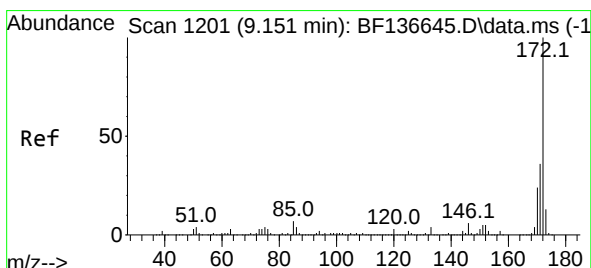
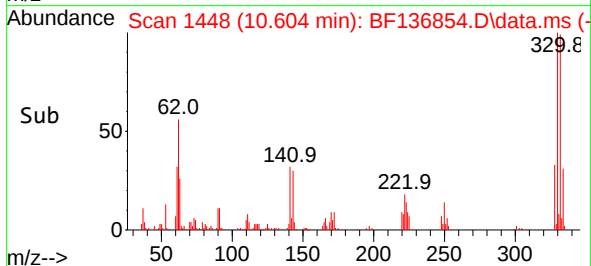
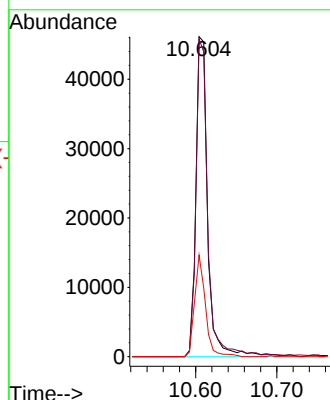
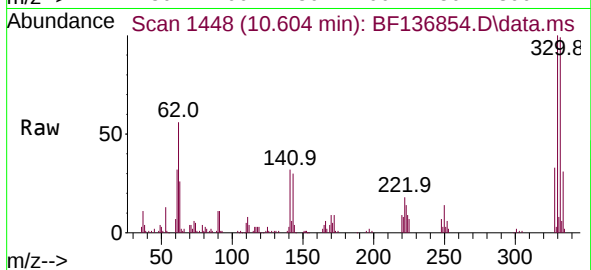
Tgt Ion:330 Resp: 46862

Ion Ratio Lower Upper

330 100

332 99.6 77.4 116.0

141 29.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 55.146 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136854.D

Acq: 30 Dec 2023 05:14

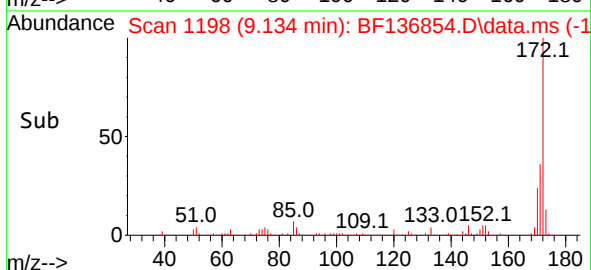
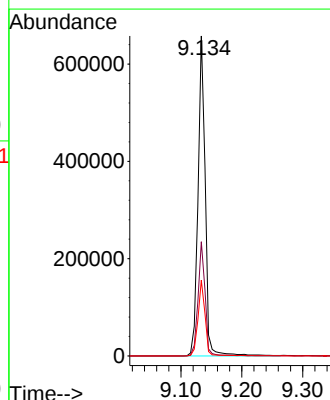
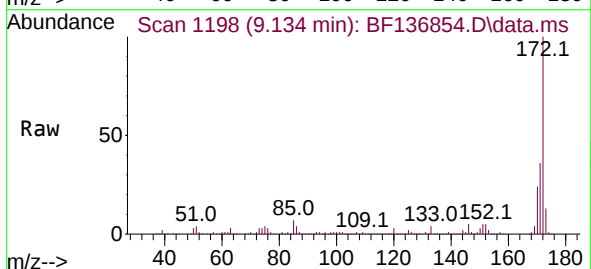
Tgt Ion:172 Resp: 541621

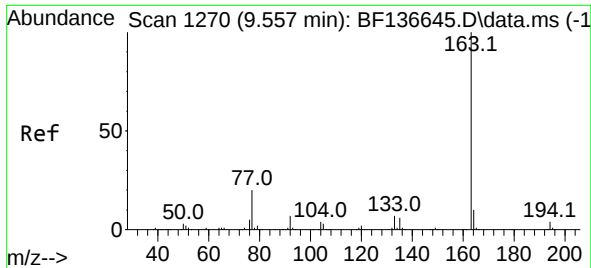
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.7 19.0 28.4

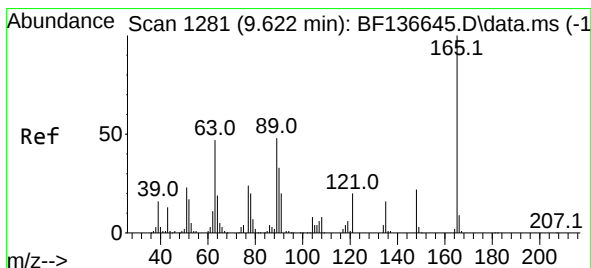
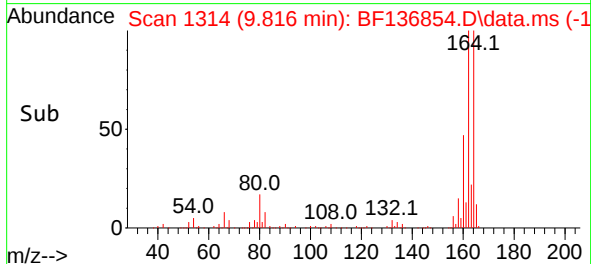
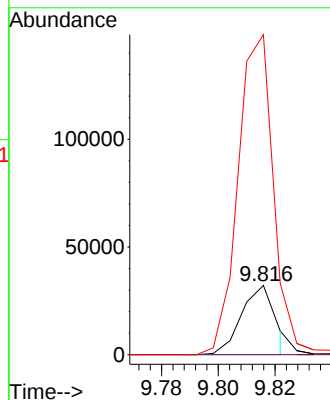
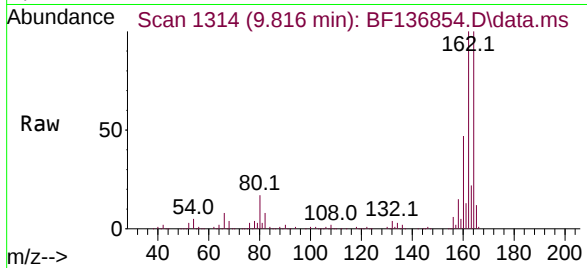




#50
Dimethylphthalate
Concen: 2.735 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

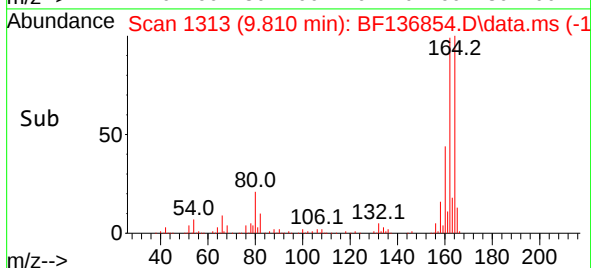
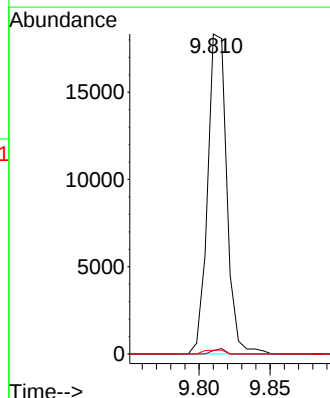
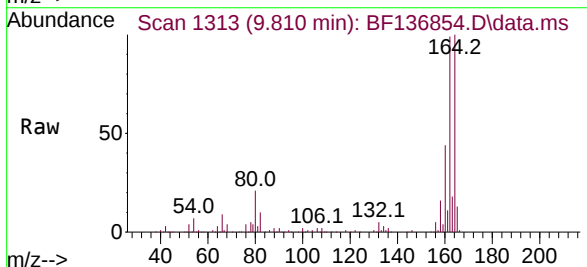
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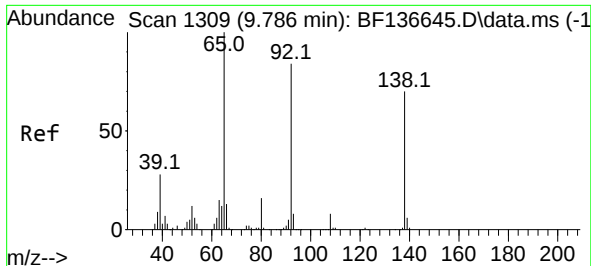
Tgt Ion:163 Resp: 26390
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 461.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.844 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

Tgt Ion:165 Resp: 17176
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.1 38.8 58.2#

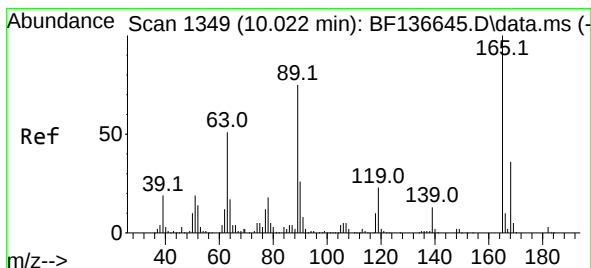
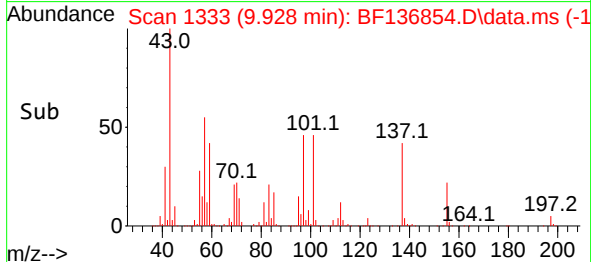
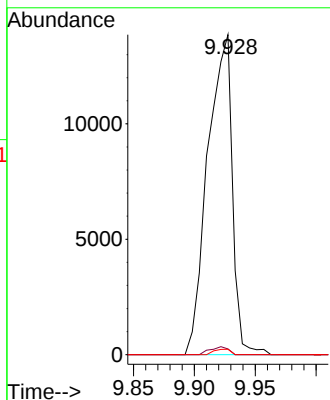
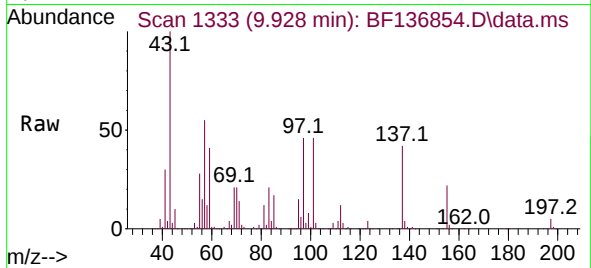




#53
3-Nitroaniline
Concen: 8.410 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

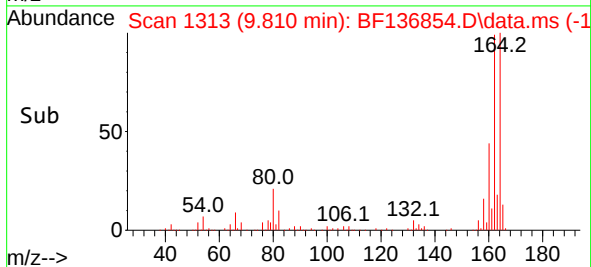
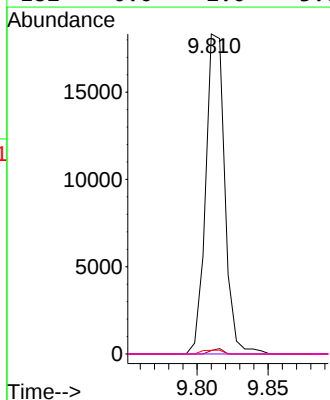
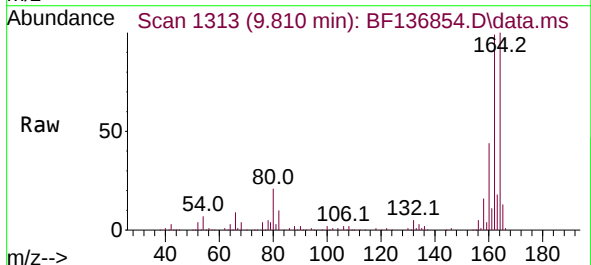
Instrument :
BNA_F
ClientSampleId :
GHL-SS-40-D

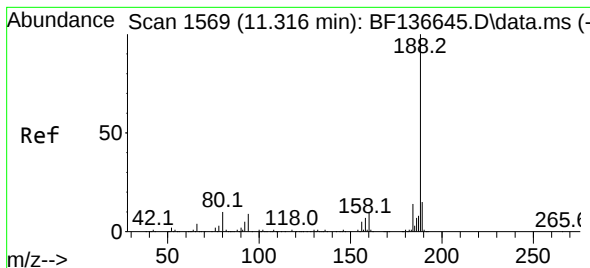
Tgt Ion:138 Resp: 19509
Ion Ratio Lower Upper
138 100
108 1.8 8.6 12.8#
92 1.7 95.2 142.8#



#57
2,4-Dinitrotoluene
Concen: 6.042 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136854.D
Acq: 30 Dec 2023 05:14

Tgt Ion:165 Resp: 17176
Ion Ratio Lower Upper
165 100
63 1.0 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# 1

Delta R.T. -0.012 min

Lab File: BF136854.D

Acq: 30 Dec 2023 05:14

Instrument :

BNA_F

ClientSampleId :

GHL-SS-40-D

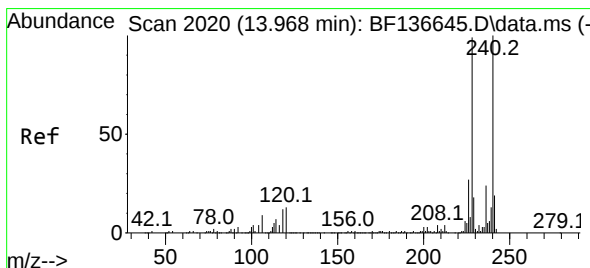
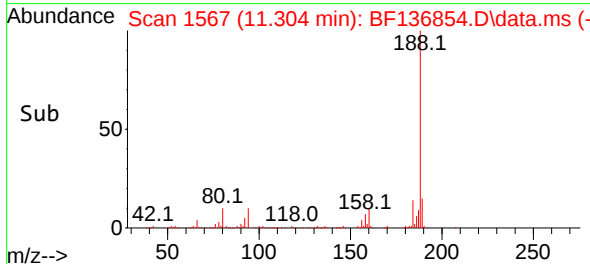
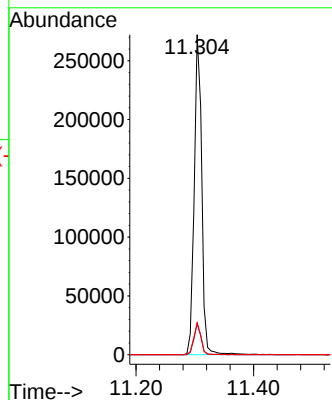
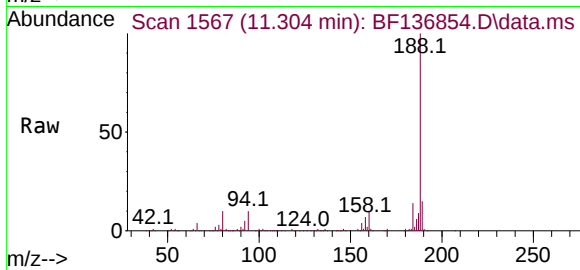
Tgt Ion:188 Resp: 242328

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.0 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: BF136854.D

Acq: 30 Dec 2023 05:14

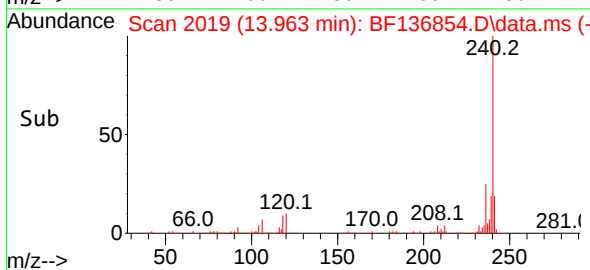
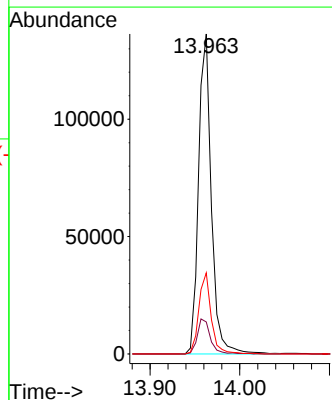
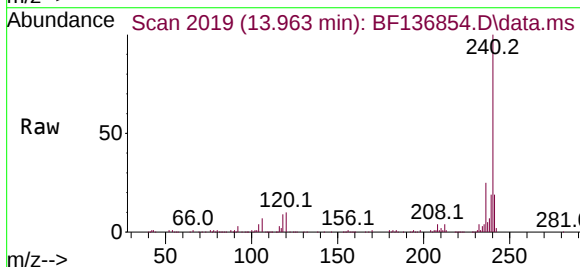
Tgt Ion:240 Resp: 134897

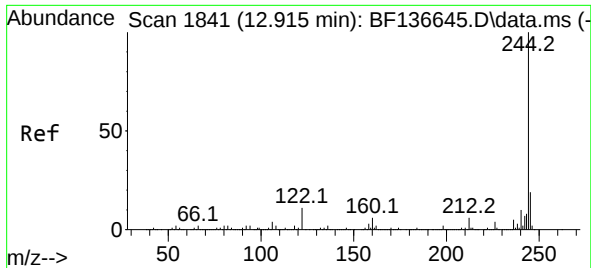
Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

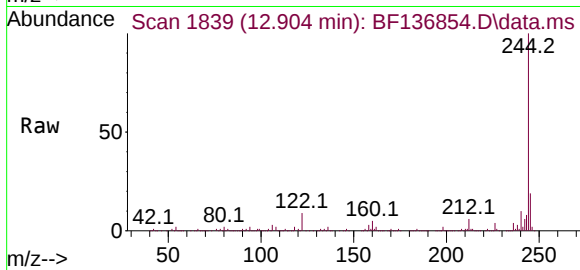
236 25.3 19.4 29.2



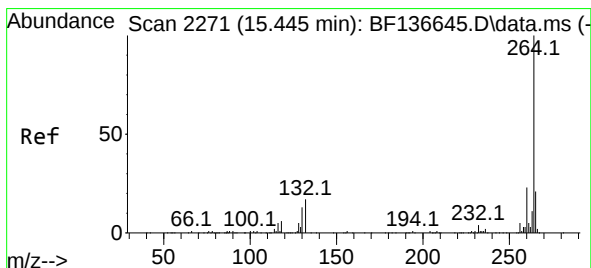
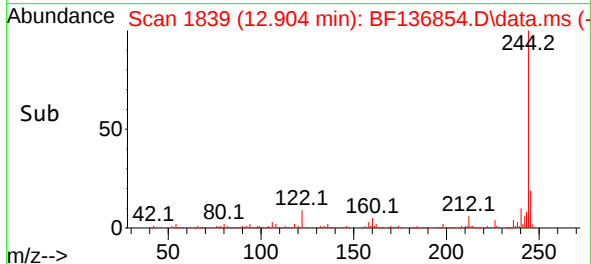
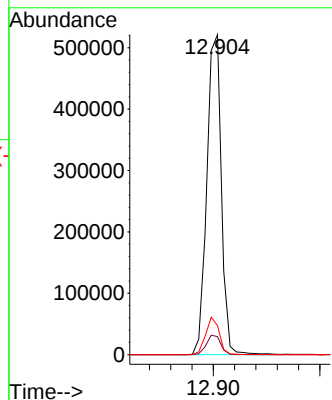


#79
 Terphenyl-d14
 Concen: 51.368 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136854.D
 Acq: 30 Dec 2023 05:14

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-40-D



Tgt Ion:244 Resp: 495853
 Ion Ratio Lower Upper
 244 100
 212 5.6 5.0 7.4
 122 9.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136854.D
 Acq: 30 Dec 2023 05:14

Tgt Ion:264 Resp: 135011
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 19.8 17.0 25.6

