

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136792.D
 Acq On : 28 Dec 2023 13:50
 Operator : CG\JU
 Sample : 05897-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-33

Quant Time: Dec 28 14:14:34 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)

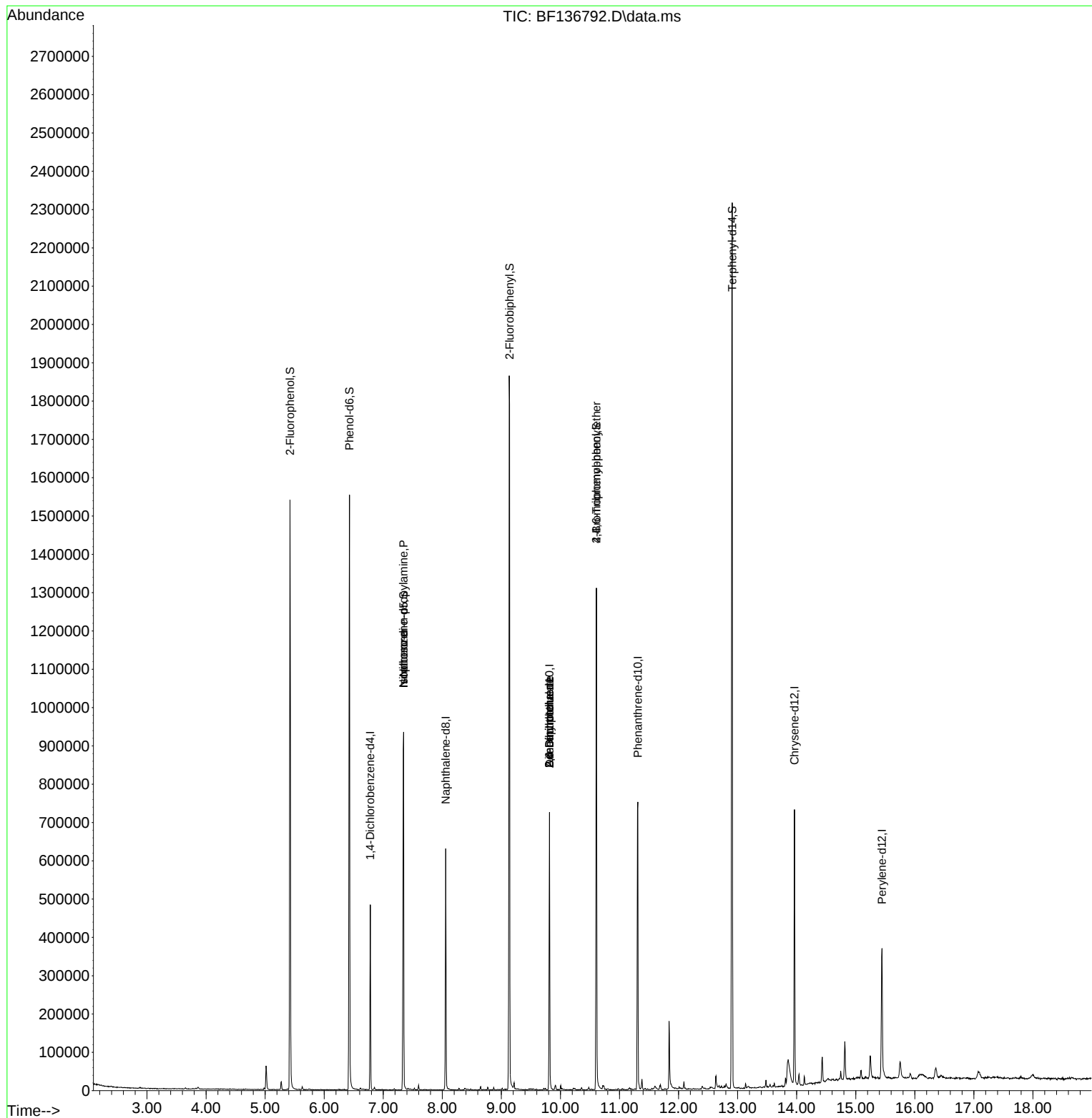
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64910	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	260901	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137129	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	294453	20.000	ng	0.00
76) Chrysene-d12	13.963	240	230645	20.000	ng	0.00
86) Perylene-d12	15.445	264	172834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	397023	95.435	ng	0.00
7) Phenol-d6	6.428	99	504803	93.646	ng	-0.01
23) Nitrobenzene-d5	7.345	82	318450	62.458	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	160424	99.334	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	661377	64.869	ng	-0.01
79) Terphenyl-d14	12.910	244	914843	55.430	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	40484	12.389	ng	# 73
25) Isophorone	7.345	82	315224	33.977	ng	# 65
50) Dimethylphthalate	9.816	163	27036	2.699	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17906	7.877	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17906	6.068	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	10039	3.070	ng	# 1

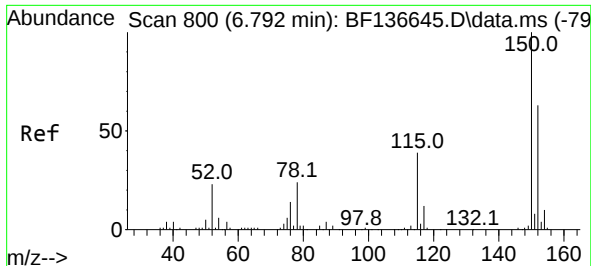
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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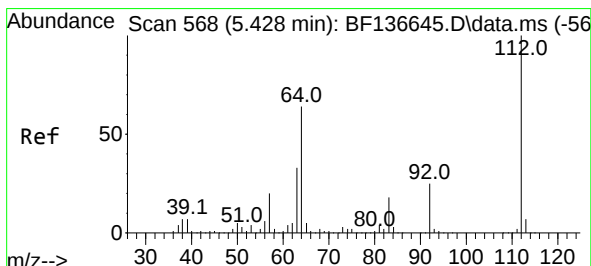
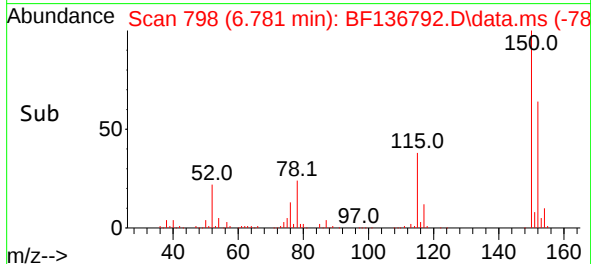
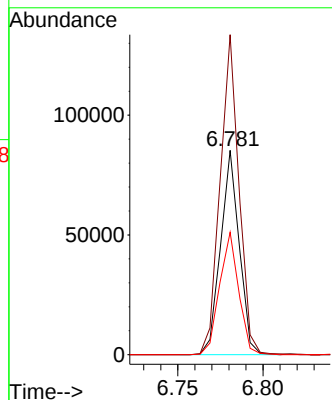
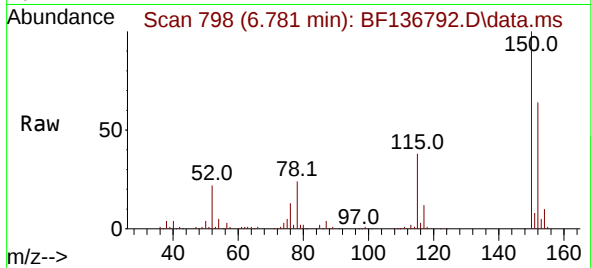




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

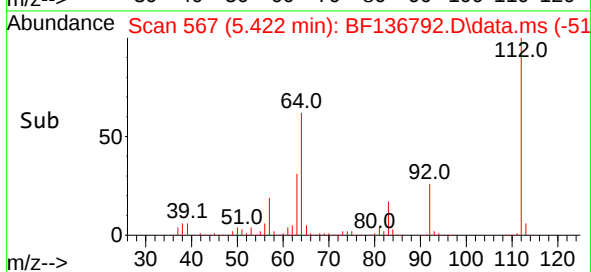
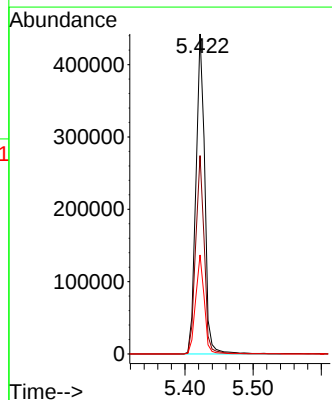
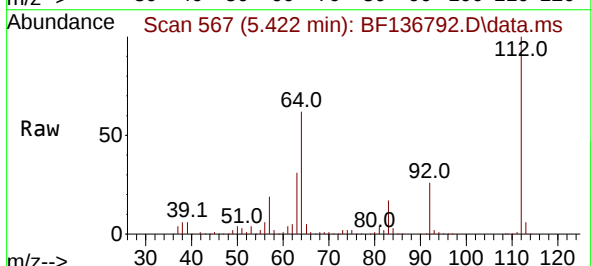
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

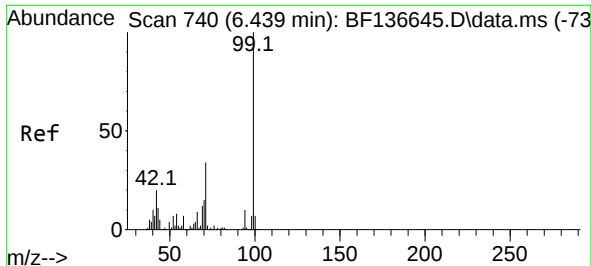
Tgt Ion:152 Resp: 64910
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 95.435 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion:112 Resp: 397023
Ion Ratio Lower Upper
112 100
64 62.0 51.1 76.7
63 30.9 26.1 39.1

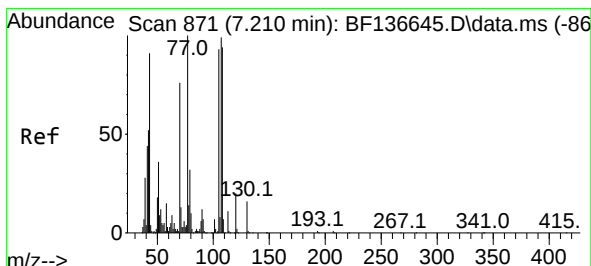
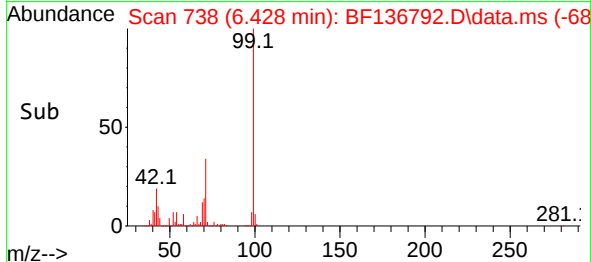
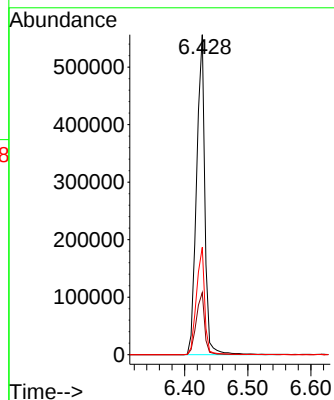
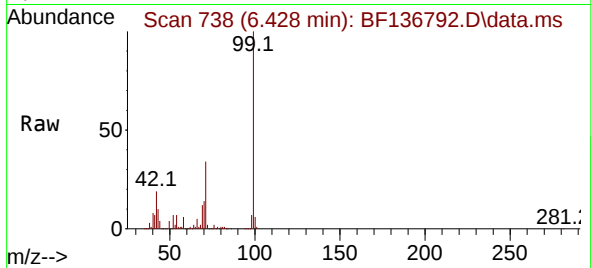




#7
Phenol-d6
Concen: 93.646 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

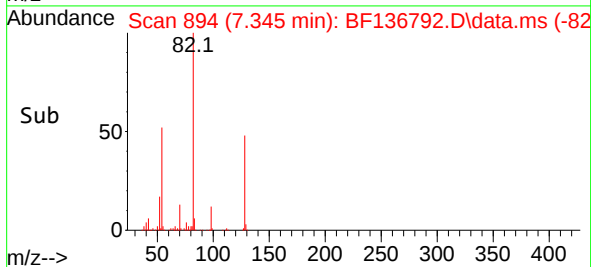
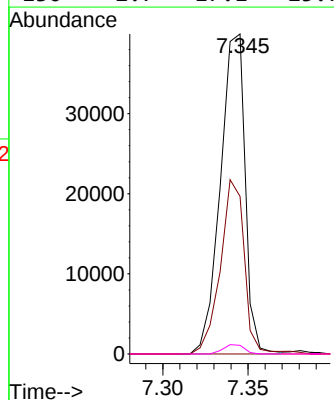
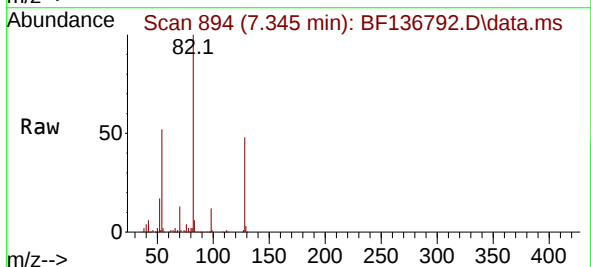
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

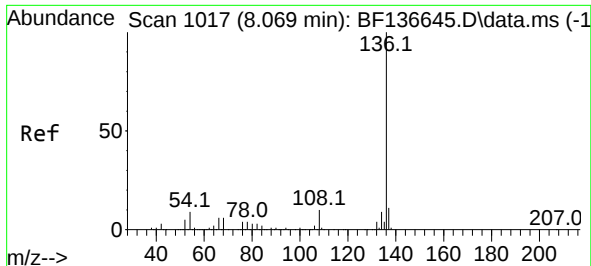
Tgt Ion: 99 Resp: 504803
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.389 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion: 70 Resp: 40484
Ion Ratio Lower Upper
70 100
42 49.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.7 17.1 25.7#

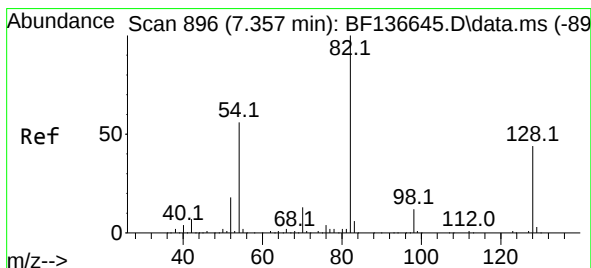
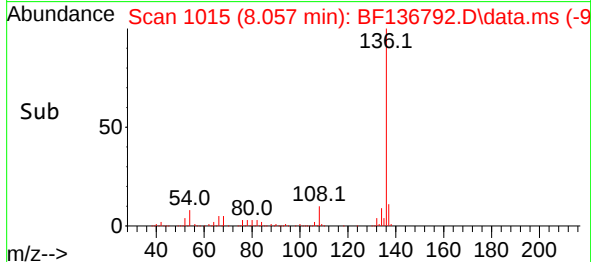
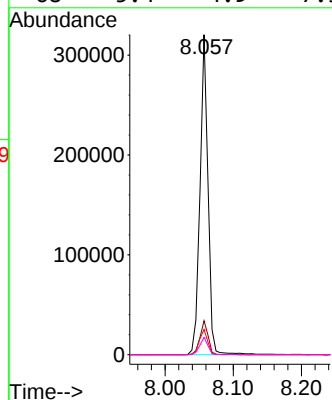
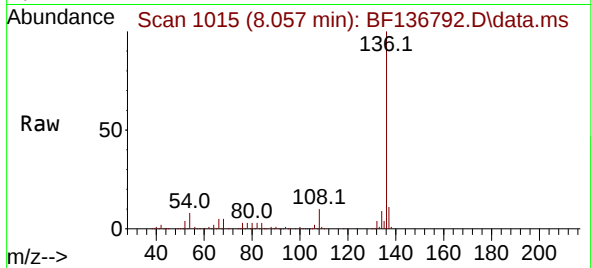




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

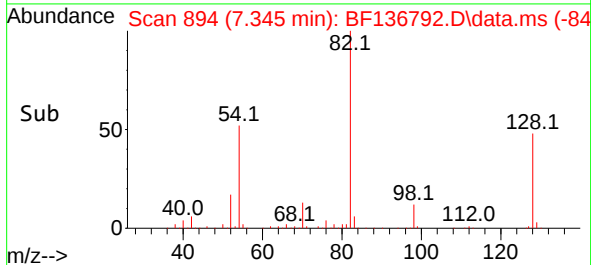
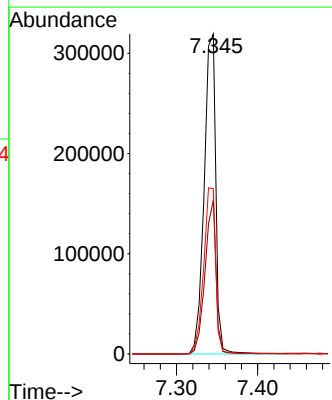
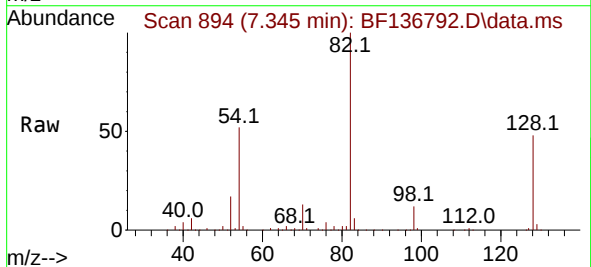
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

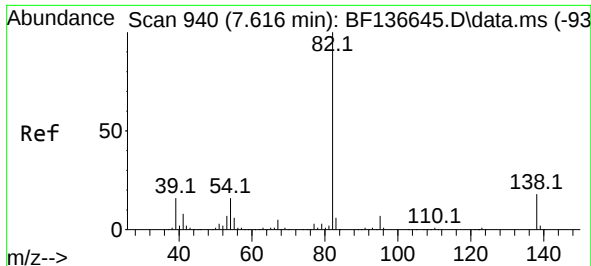
Tgt Ion:136 Resp: 260901
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 7.9 7.2 10.8
68 5.4 4.9 7.3



#23
Nitrobenzene-d5
Concen: 62.458 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion: 82 Resp: 318450
Ion Ratio Lower Upper
82 100
128 48.0 35.3 52.9
54 51.6 44.5 66.7

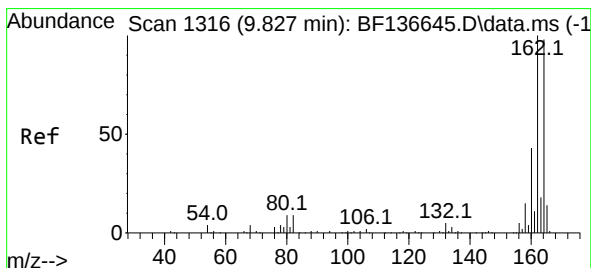
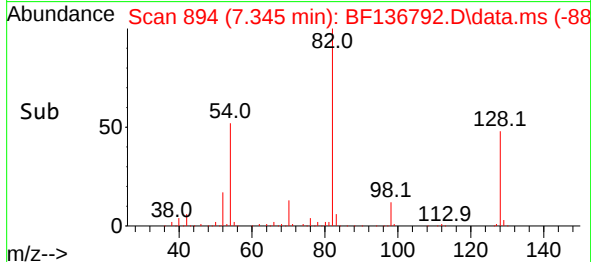
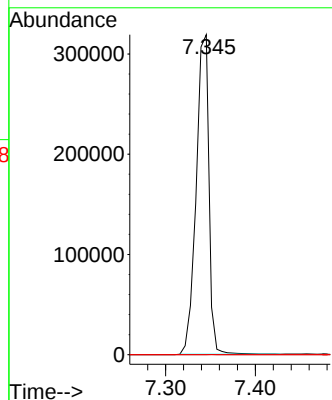
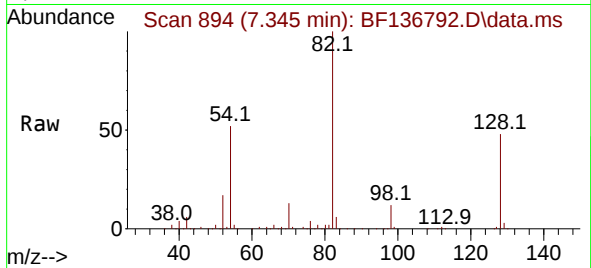




#25
Isophorone
Concen: 33.977 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

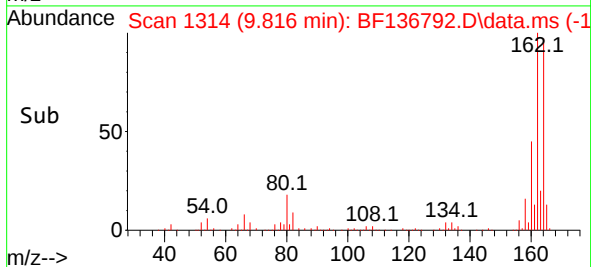
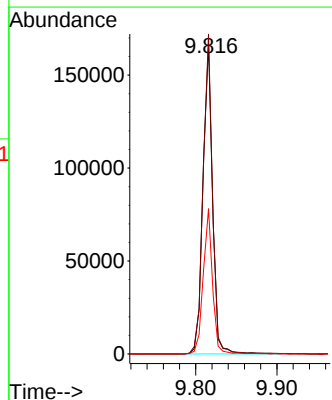
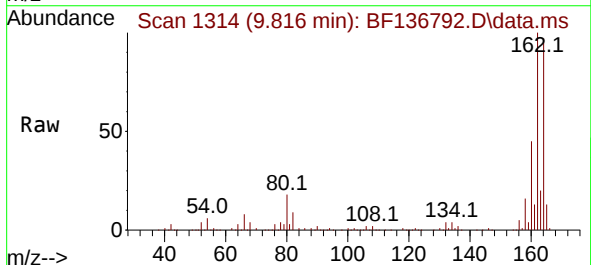
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ClientSampleId :
GHL-SS-33

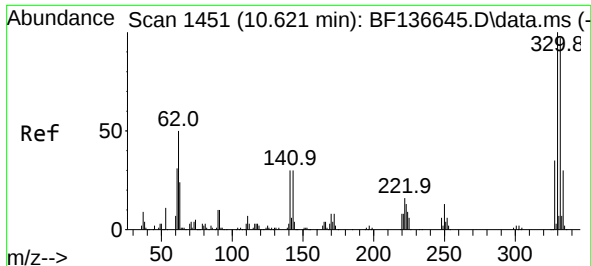
Tgt Ion: 82 Resp: 315224
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

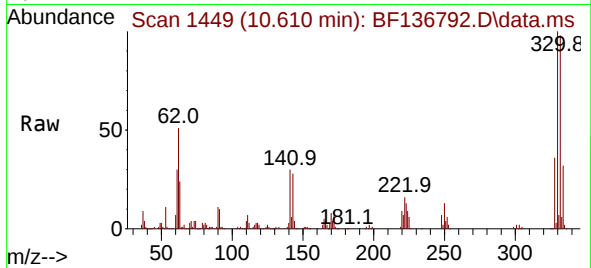
Tgt Ion:164 Resp: 137129
Ion Ratio Lower Upper
164 100
162 103.3 81.6 122.4
160 46.9 34.9 52.3



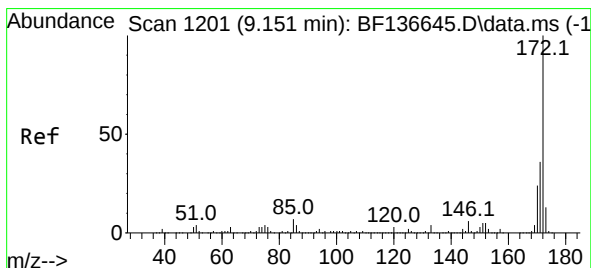
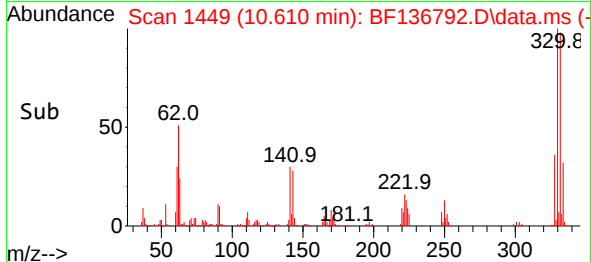
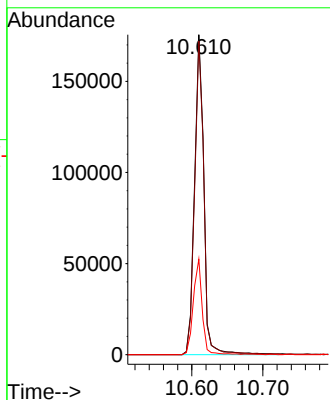


#42
2,4,6-Tribromophenol
Concen: 99.334 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

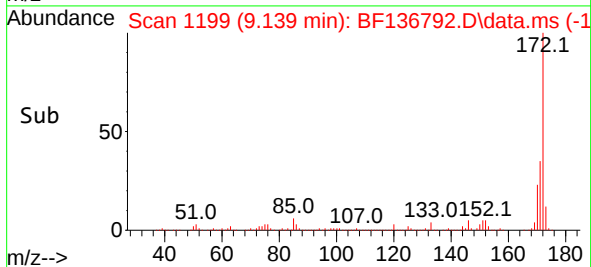
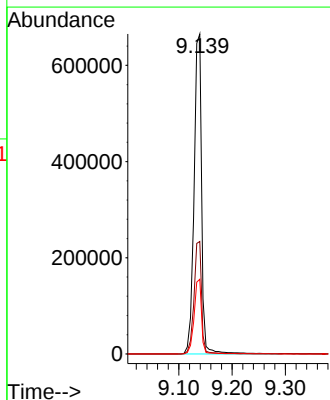
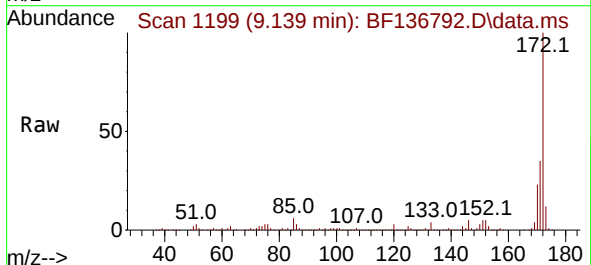


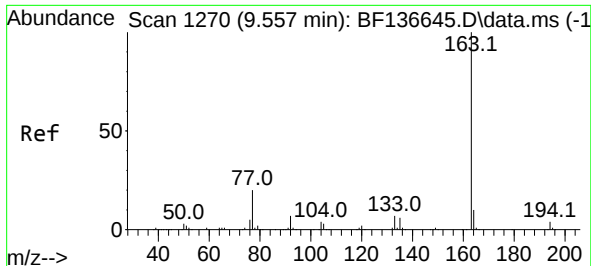
Tgt Ion:330 Resp: 160424
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 28.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 64.869 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion:172 Resp: 661377
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.6
170 23.3 19.0 28.4

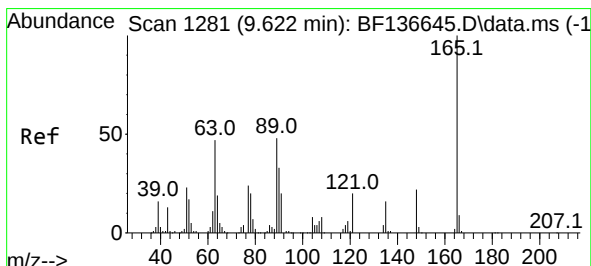
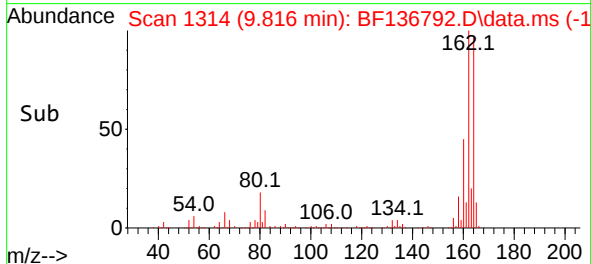
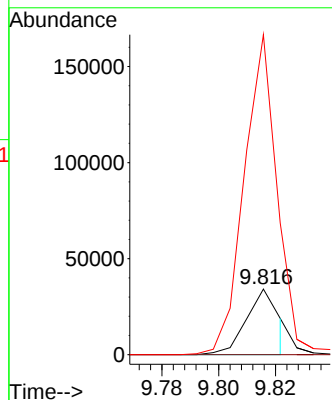
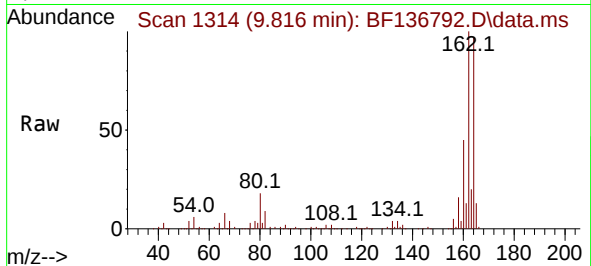




#50
Dimethylphthalate
Concen: 2.699 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

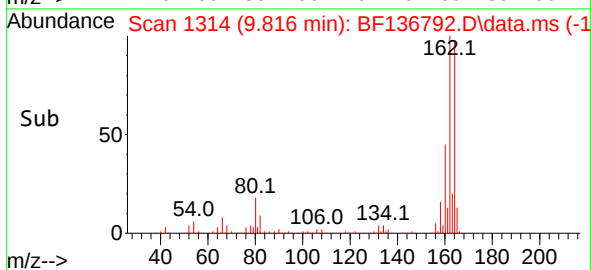
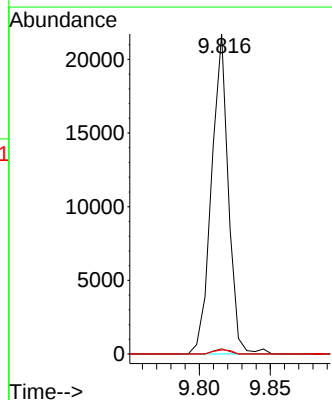
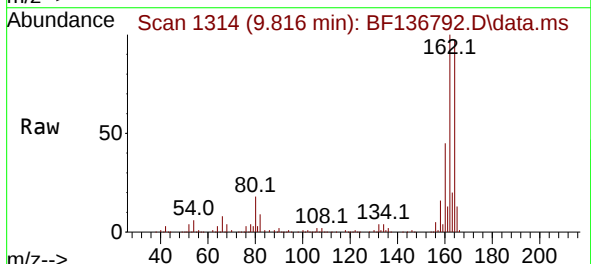
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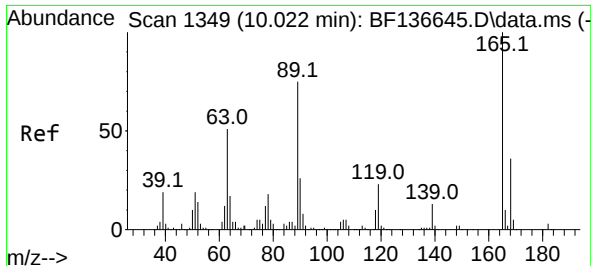
Tgt Ion:163 Resp: 27036
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 487.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.877 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion:165 Resp: 17906
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.2 38.8 58.2#

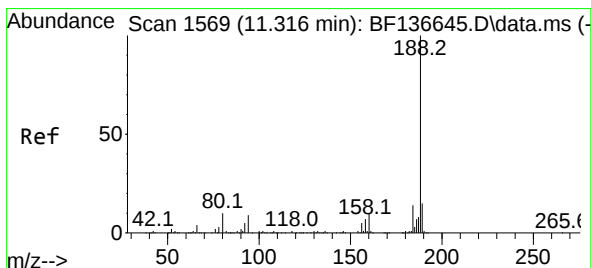
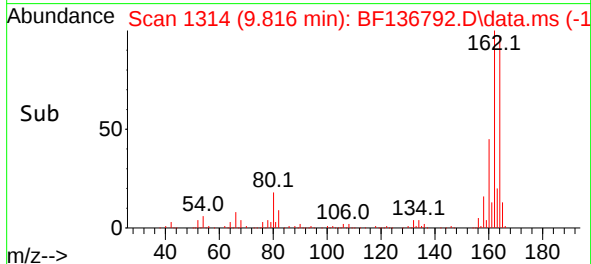
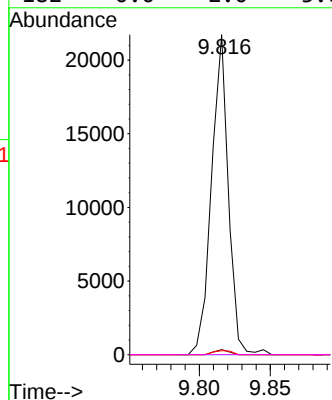
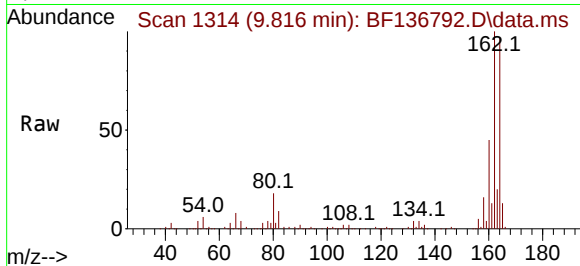




#57
2,4-Dinitrotoluene
Concen: 6.068 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

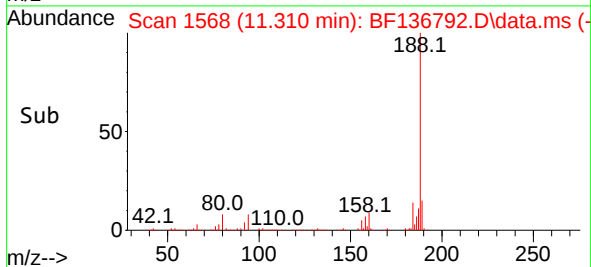
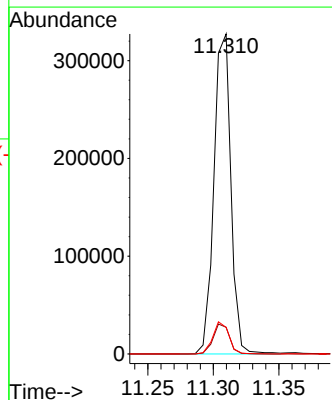
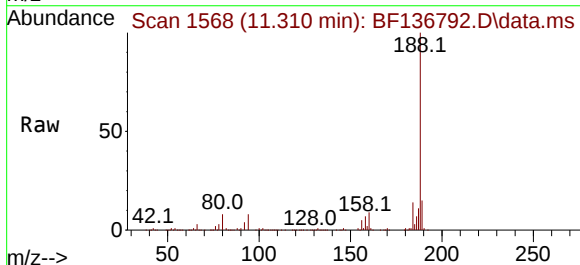
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

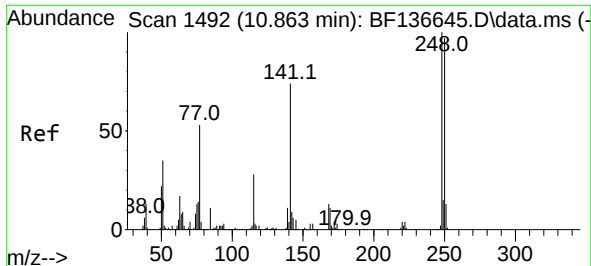
Tgt Ion:165 Resp: 17906
Ion Ratio Lower Upper
165 100
63 1.6 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion:188 Resp: 294453
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 8.3 8.1 12.1

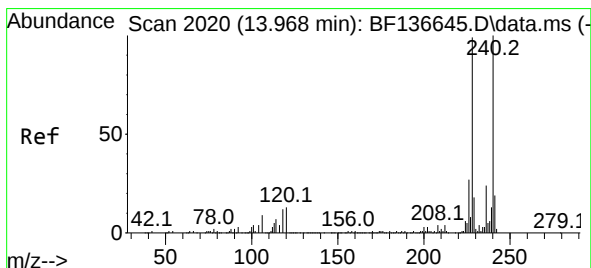
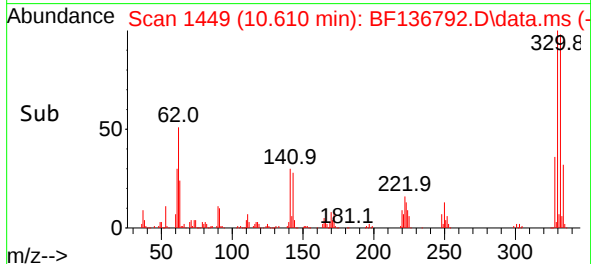
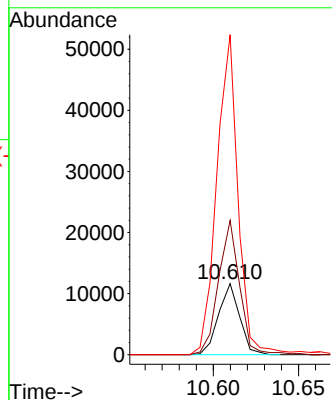
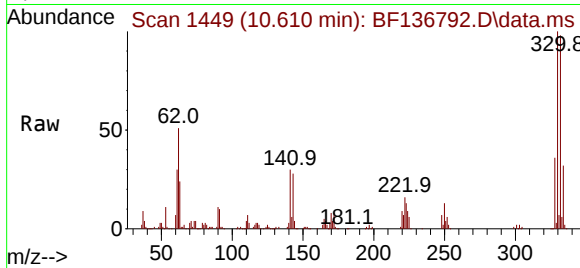




#67
4-Bromophenyl-phenylether
Concen: 3.070 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

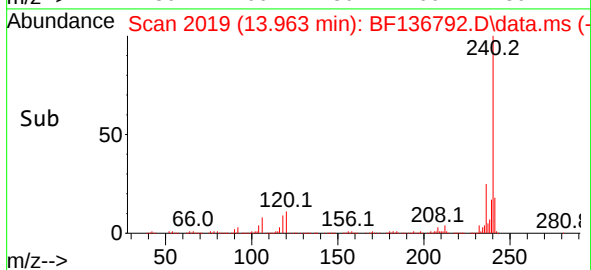
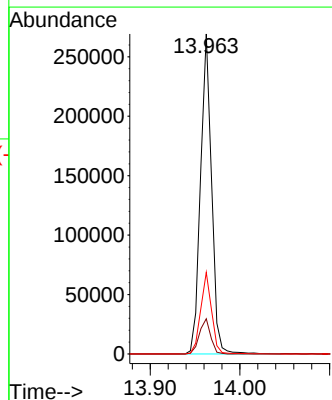
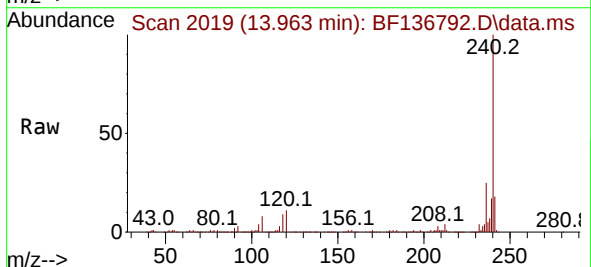
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

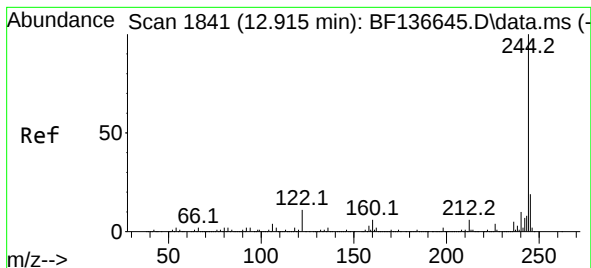
Tgt Ion:248 Resp: 10039
Ion Ratio Lower Upper
248 100
250 189.1 77.8 116.6#
141 450.8 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion:240 Resp: 230645
Ion Ratio Lower Upper
240 100
120 11.0 10.3 15.5
236 25.5 19.4 29.2





#79

Terphenyl-d14

Concen: 55.430 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136792.D

Acq: 28 Dec 2023 13:50

Instrument :

BNA_F

ClientSampleId :

GHL-SS-33

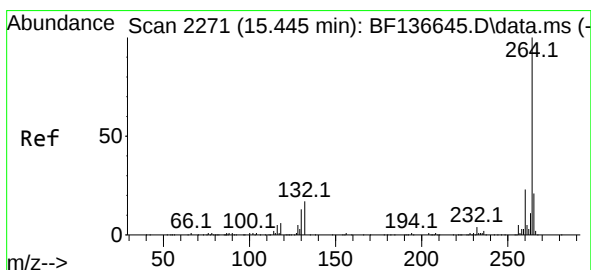
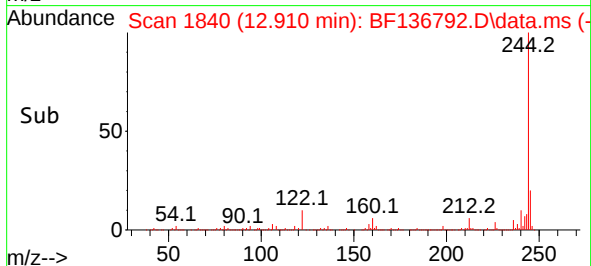
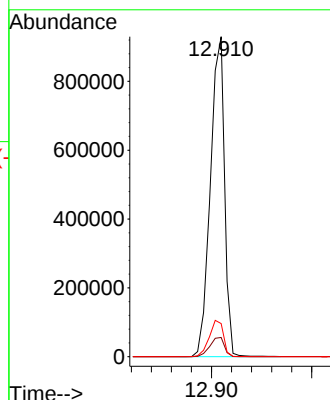
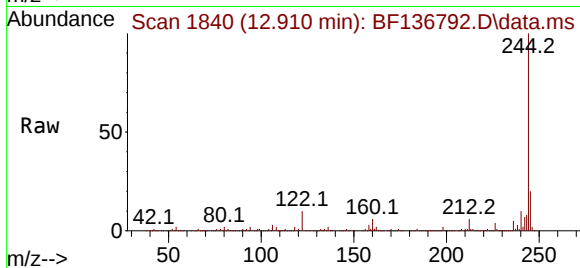
Tgt Ion:244 Resp: 914843

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.3 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: BF136792.D

Acq: 28 Dec 2023 13:50

Tgt Ion:264 Resp: 172834

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.3 17.0 25.6

