

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136820.D
 Acq On : 29 Dec 2023 10:33
 Operator : CG\JU
 Sample : 05899-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-15-2-4

Quant Time: Dec 29 11:00:56 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)

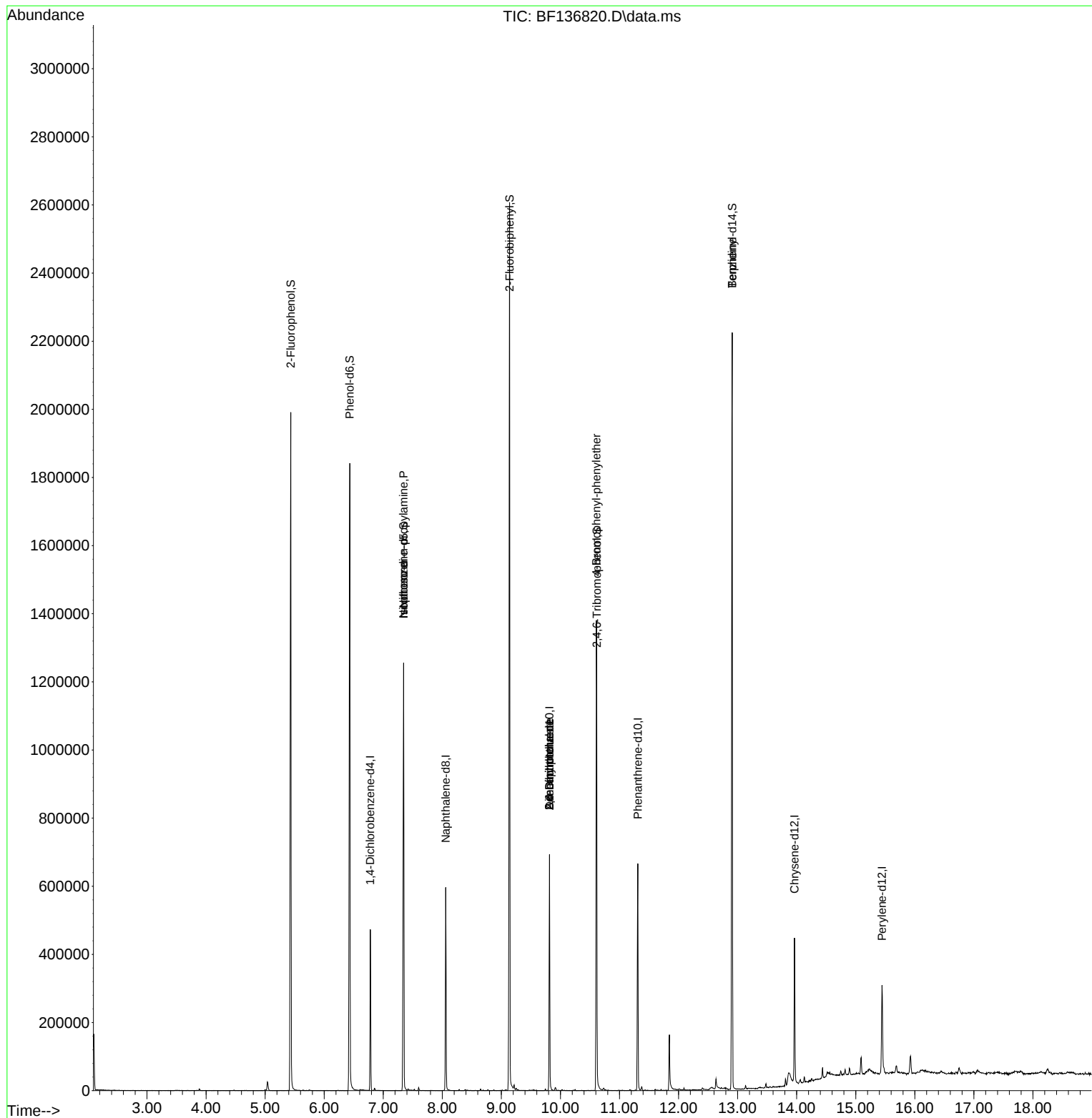
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	63385	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	250975	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	126917	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	240292	20.000	ng	0.00
76) Chrysene-d12	13.962	240	139254	20.000	ng	0.00
86) Perylene-d12	15.445	264	126993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	523846	128.950	ng	0.00
7) Phenol-d6	6.434	99	656269	124.674	ng	0.00
23) Nitrobenzene-d5	7.345	82	417855	85.196	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	189177	126.563	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	823115	87.228	ng	-0.01
79) Terphenyl-d14	12.910	244	806722	80.958	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	54381	17.042	ng	# 73
25) Isophorone	7.345	82	416720	46.694	ng	# 65
50) Dimethylphthalate	9.816	163	25724	2.775	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	16652	7.915	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	16652	6.097	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	11132	4.171	ng	# 1
77) Benzidine	12.910	184	8306	2.023	ng	# 93

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

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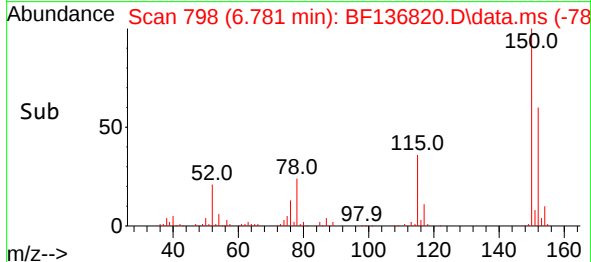
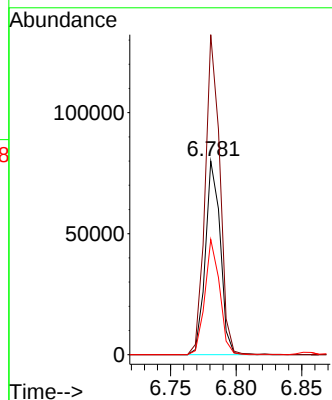
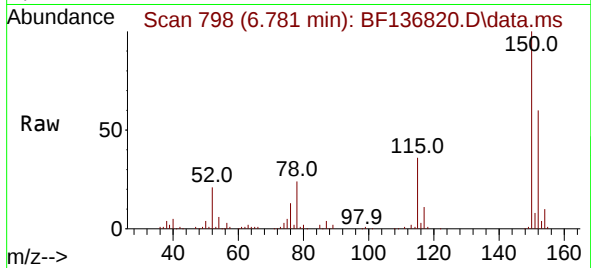




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

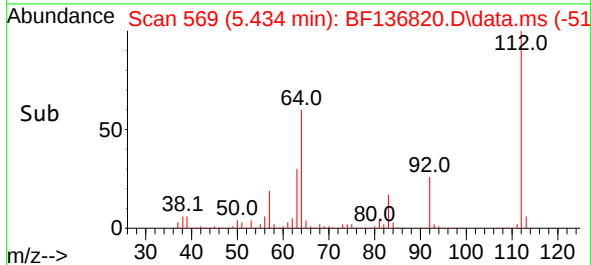
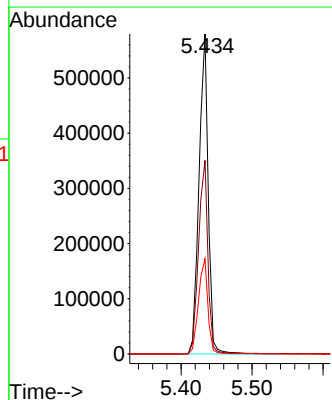
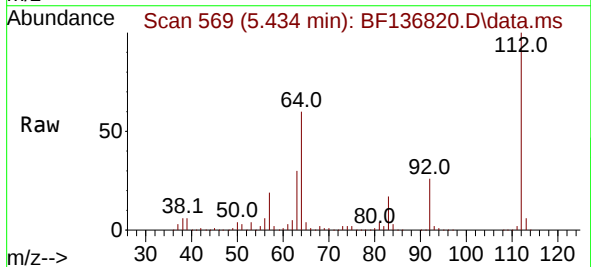
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

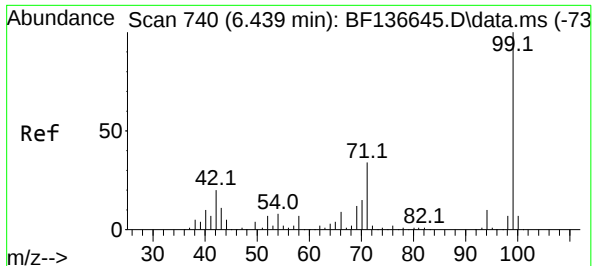
Tgt Ion:152 Resp: 63385
Ion Ratio Lower Upper
152 100
150 165.3 127.0 190.6
115 59.5 49.0 73.4



#5
2-Fluorophenol
Concen: 128.950 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

Tgt Ion:112 Resp: 523846
Ion Ratio Lower Upper
112 100
64 60.5 51.1 76.7
63 29.8 26.1 39.1

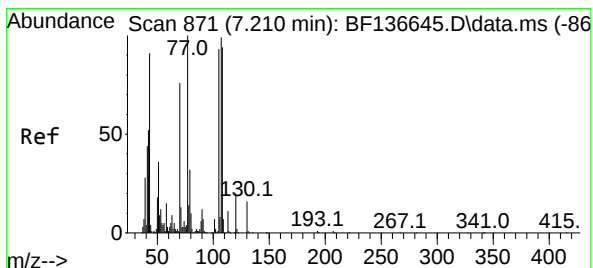
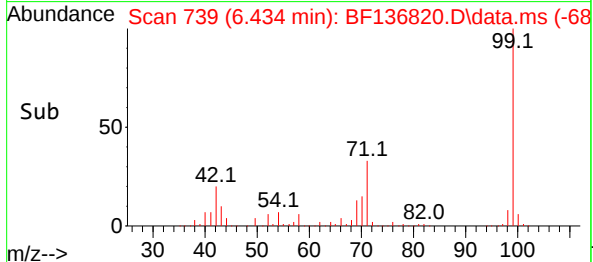
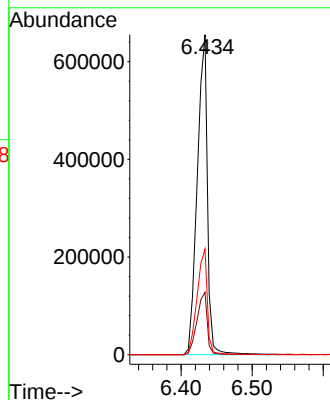
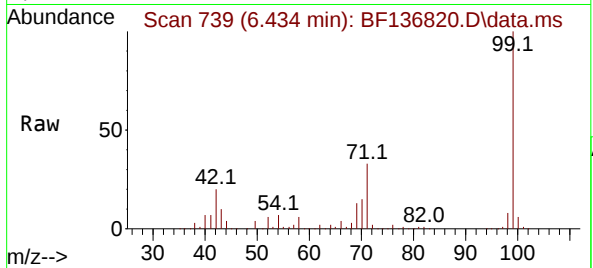




#7
Phenol-d6
Concen: 124.674 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

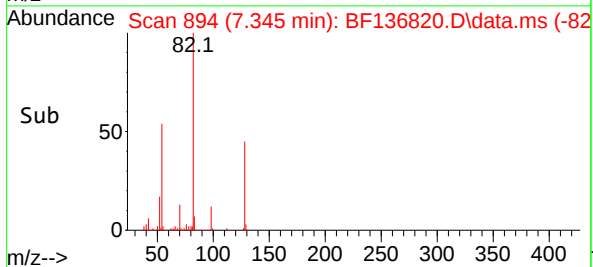
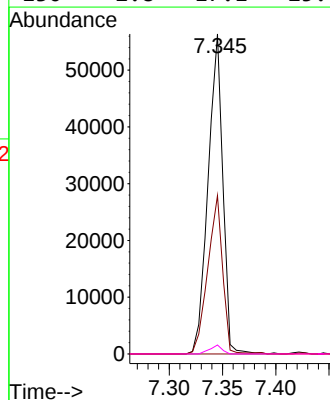
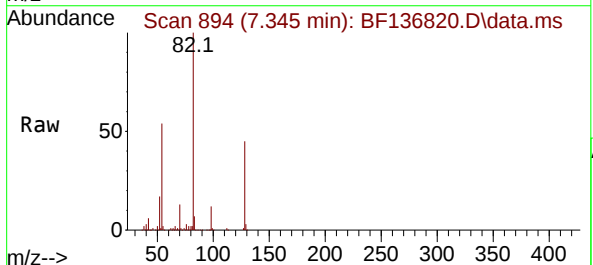
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

Tgt Ion: 99 Resp: 656269
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.042 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

Tgt Ion: 70 Resp: 54381
Ion Ratio Lower Upper
70 100
42 49.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.8 17.1 25.7#

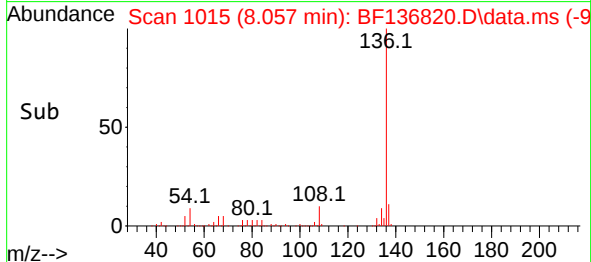
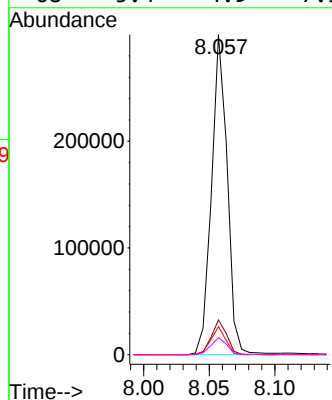
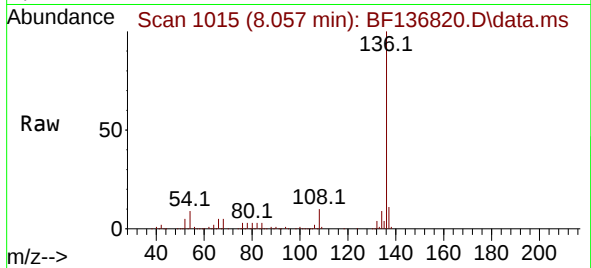




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

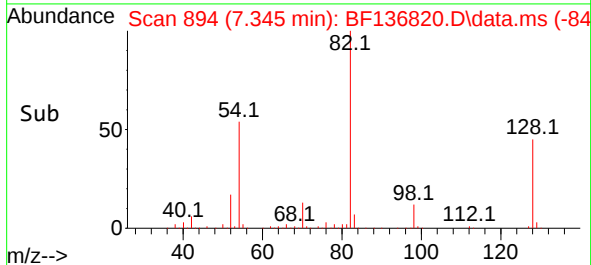
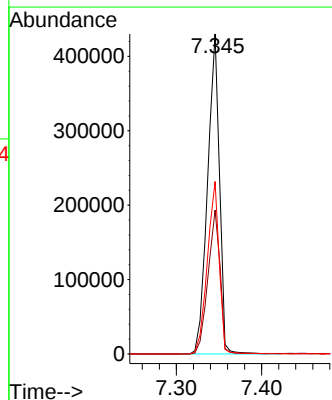
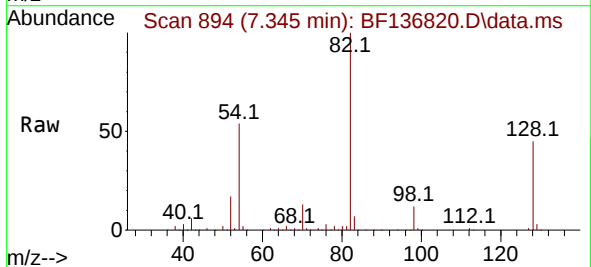
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

Tgt Ion:136	Resp: 250975
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 8.7	7.2 10.8
68 5.4	4.9 7.3



#23
Nitrobenzene-d5
Concen: 85.196 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

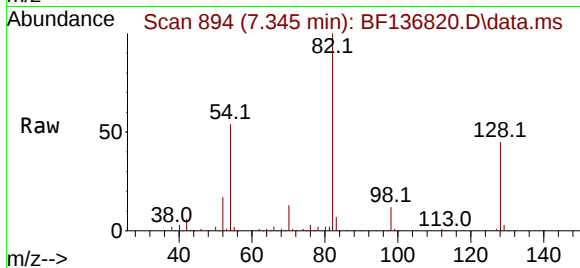
Tgt Ion: 82	Resp: 417855
Ion Ratio	Lower Upper
82 100	
128 45.0	35.3 52.9
54 53.9	44.5 66.7



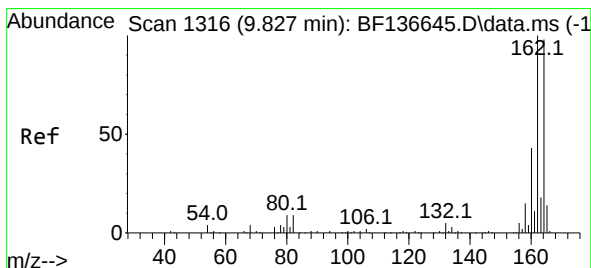
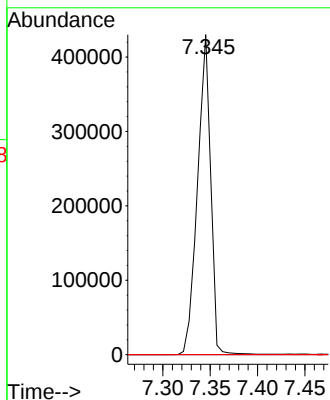
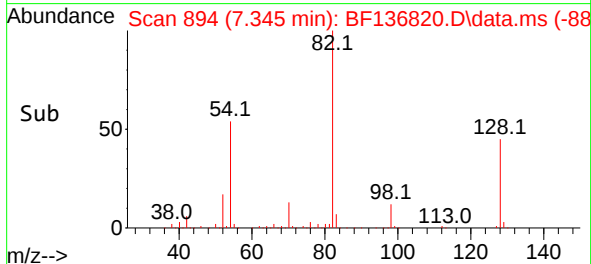


#25
Isophorone
Concen: 46.694 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

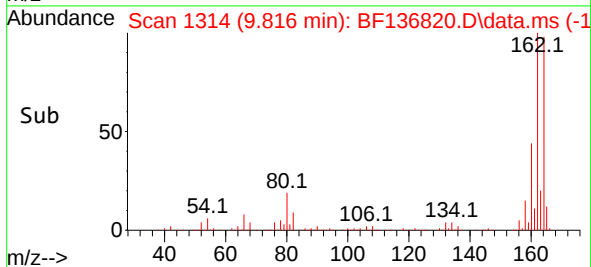
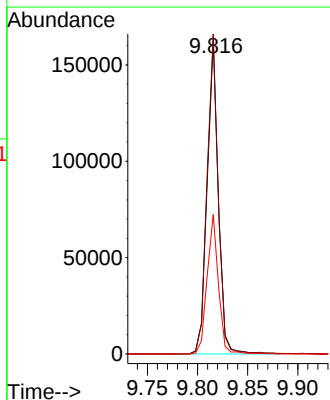
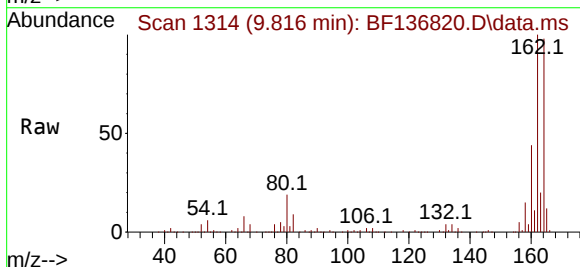


Tgt Ion: 82 Resp: 416720
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

Tgt Ion:164 Resp: 126917
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 44.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 126.563 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136820.D

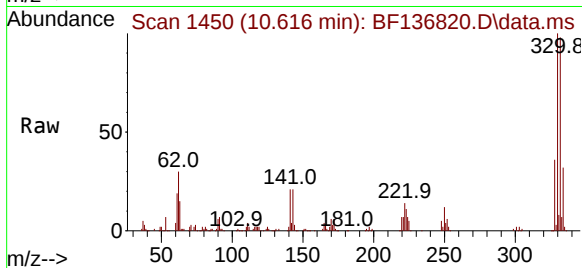
Acq: 29 Dec 2023 10:33

Instrument :

BNA_F

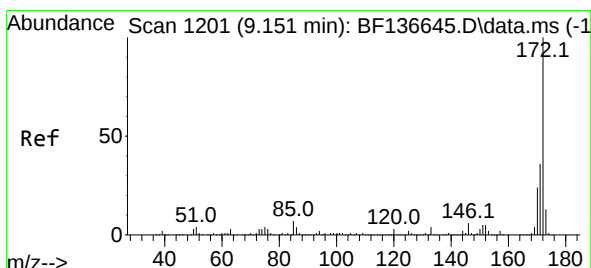
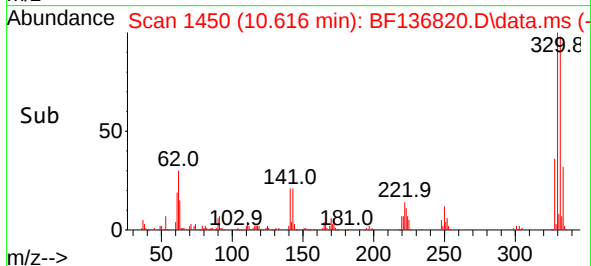
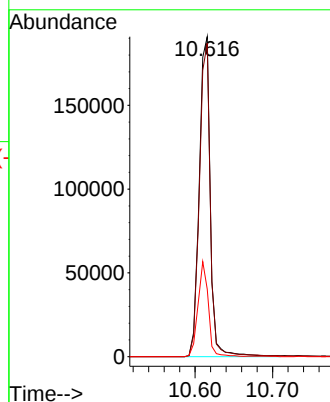
ClientSampleId :

GHL-SS-15-2-4



Tgt Ion:330 Resp: 189177

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	27.7	23.4	35.2



#45

2-Fluorobiphenyl

Concen: 87.228 ng

RT: 9.139 min Scan# 1199

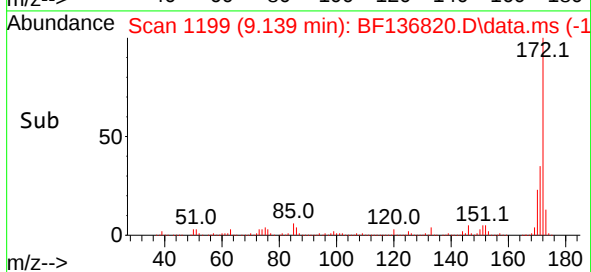
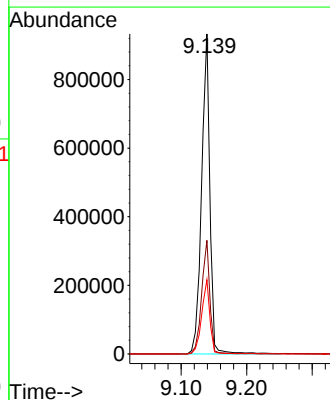
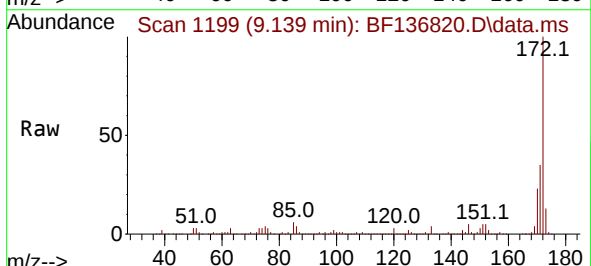
Delta R.T. -0.012 min

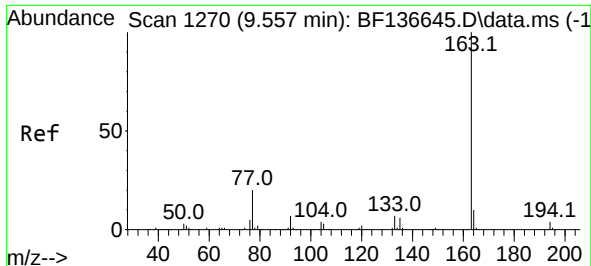
Lab File: BF136820.D

Acq: 29 Dec 2023 10:33

Tgt Ion:172 Resp: 823115

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.2	19.0	28.4

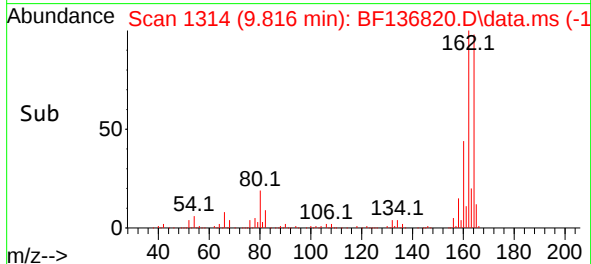
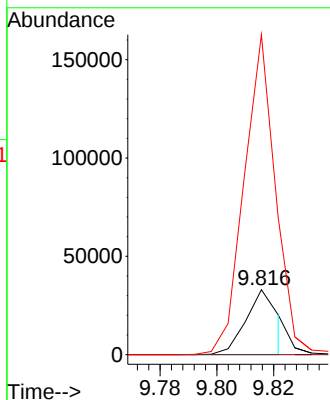
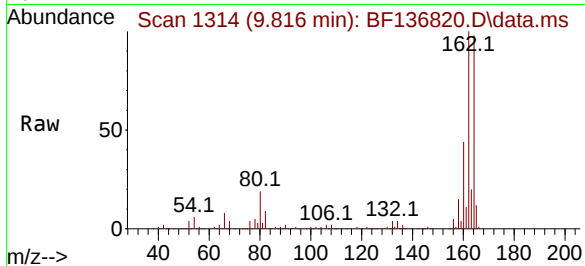




#50
Dimethylphthalate
Concen: 2.775 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

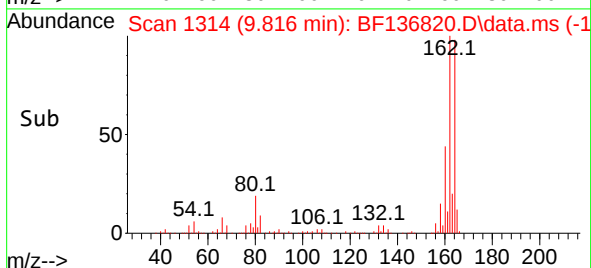
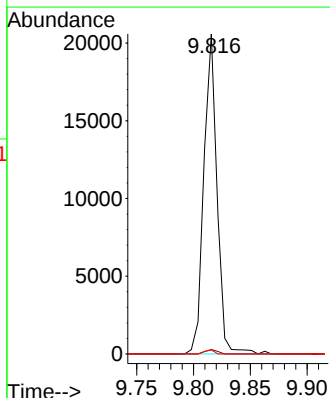
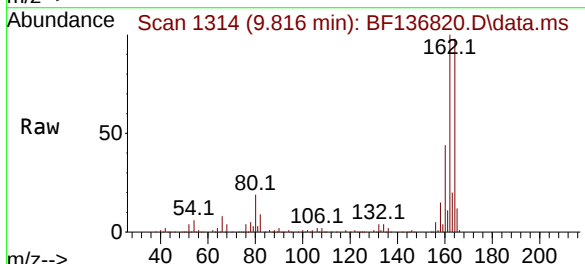
Instrument :
BNA_F
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GHL-SS-15-2-4

Tgt Ion:163 Resp: 25724
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 492.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.915 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

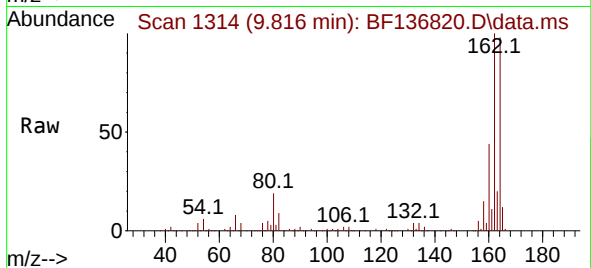
Tgt Ion:165 Resp: 16652
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.3 38.8 58.2#



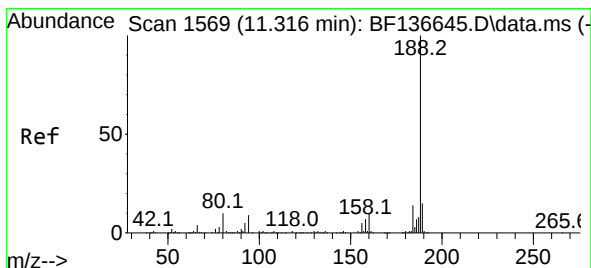
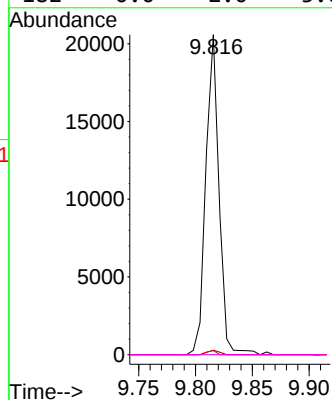
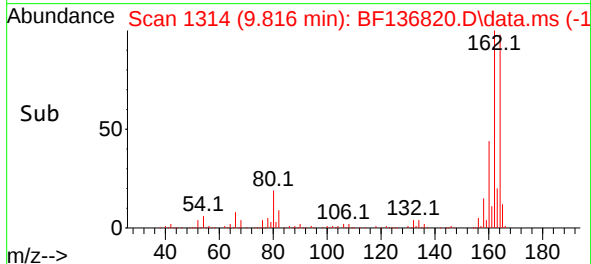


#57
2,4-Dinitrotoluene
Concen: 6.097 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

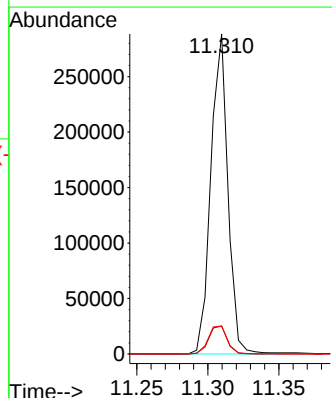
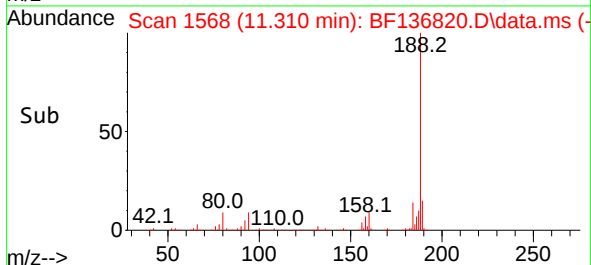
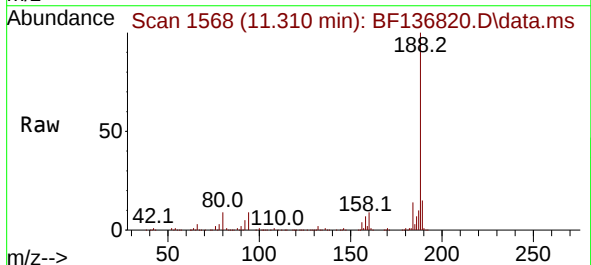


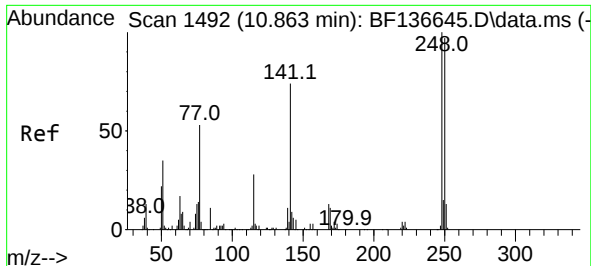
Tgt Ion:165 Resp: 16652
Ion Ratio Lower Upper
165 100
63 1.4 41.0 61.6#
89 1.3 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

Tgt Ion:188 Resp: 240292
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 8.7 8.1 12.1

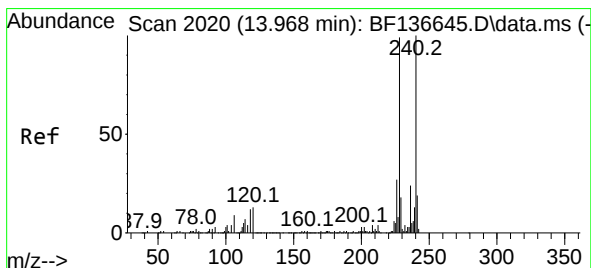
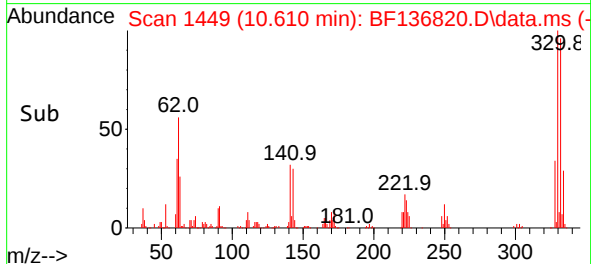
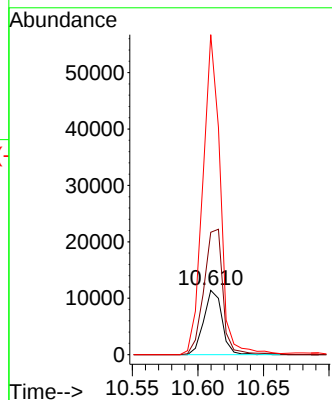
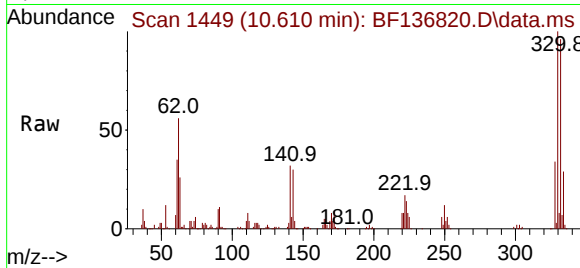




#67
4-Bromophenyl-phenylether
Concen: 4.171 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

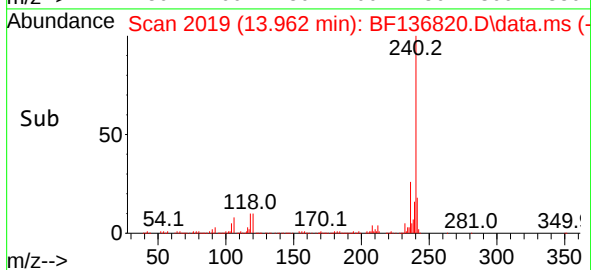
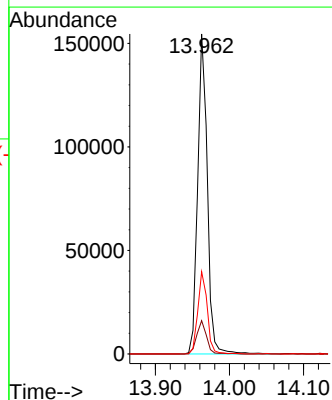
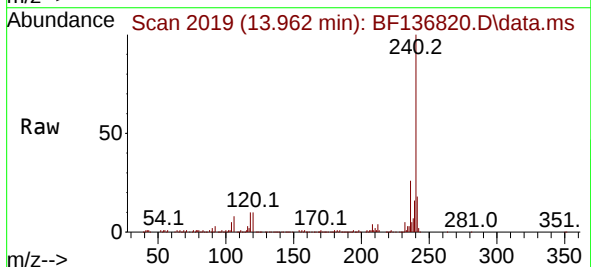
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

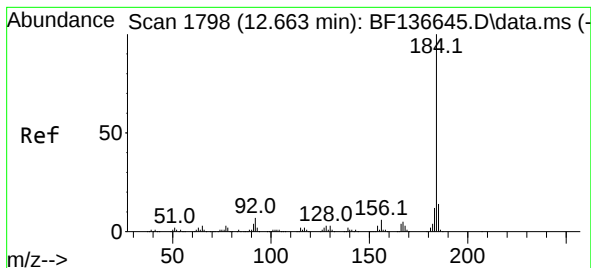
Tgt Ion:248 Resp: 11132
Ion Ratio Lower Upper
248 100
250 190.0 77.8 116.6#
141 497.0 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

Tgt Ion:240 Resp: 139254
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 25.7 19.4 29.2





#77

Benzidine

Concen: 2.023 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF136820.D

Acq: 29 Dec 2023 10:33

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4

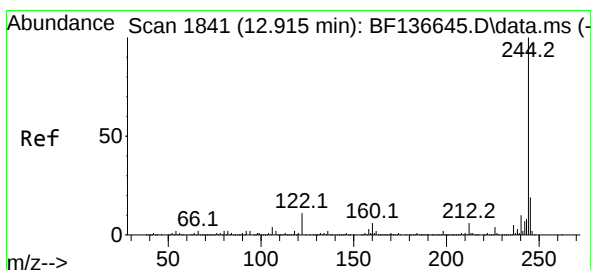
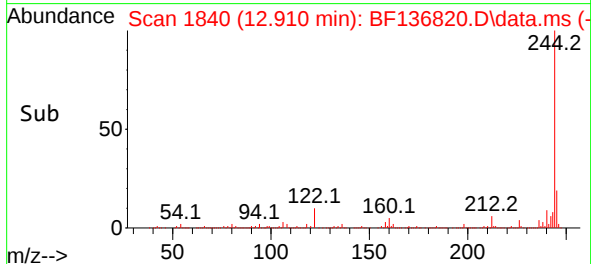
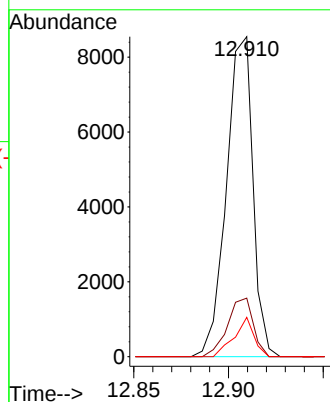
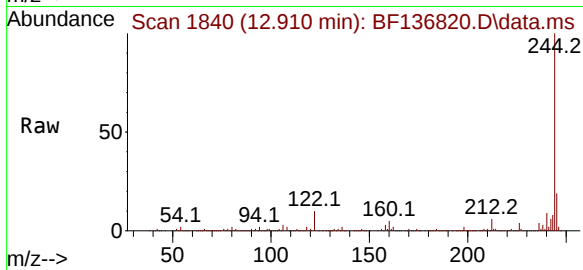
Tgt Ion:184 Resp: 8306

Ion Ratio Lower Upper

184 100

185 18.3 11.2 16.8#

183 12.3 9.3 13.9



#79

Terphenyl-d14

Concen: 80.958 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136820.D

Acq: 29 Dec 2023 10:33

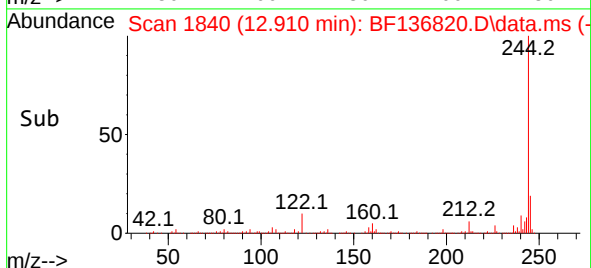
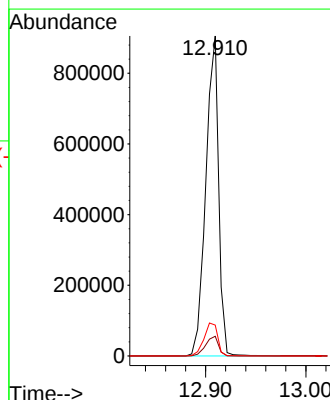
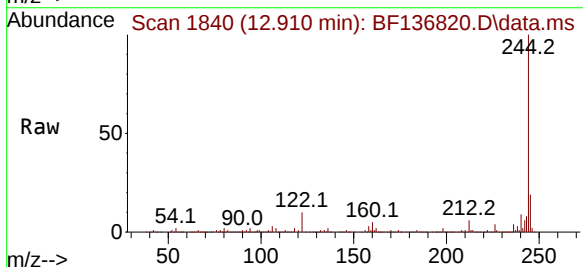
Tgt Ion:244 Resp: 806722

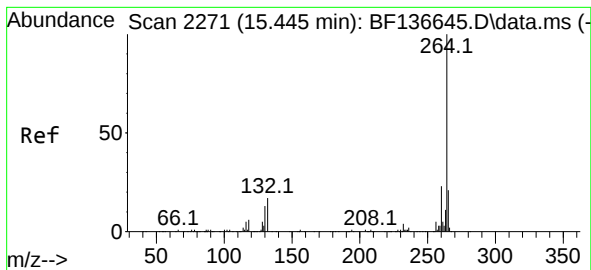
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 9.7 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136820.D

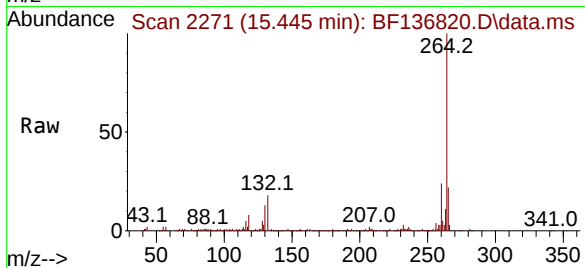
Acq: 29 Dec 2023 10:33

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4



Tgt Ion:264 Resp: 126993

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 22.1 17.0 25.6

