

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136729.D
 Acq On : 26 Dec 2023 20:31
 Operator : CG\JU
 Sample : 05900-23RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-65a

Quant Time: Dec 27 03:57:56 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)

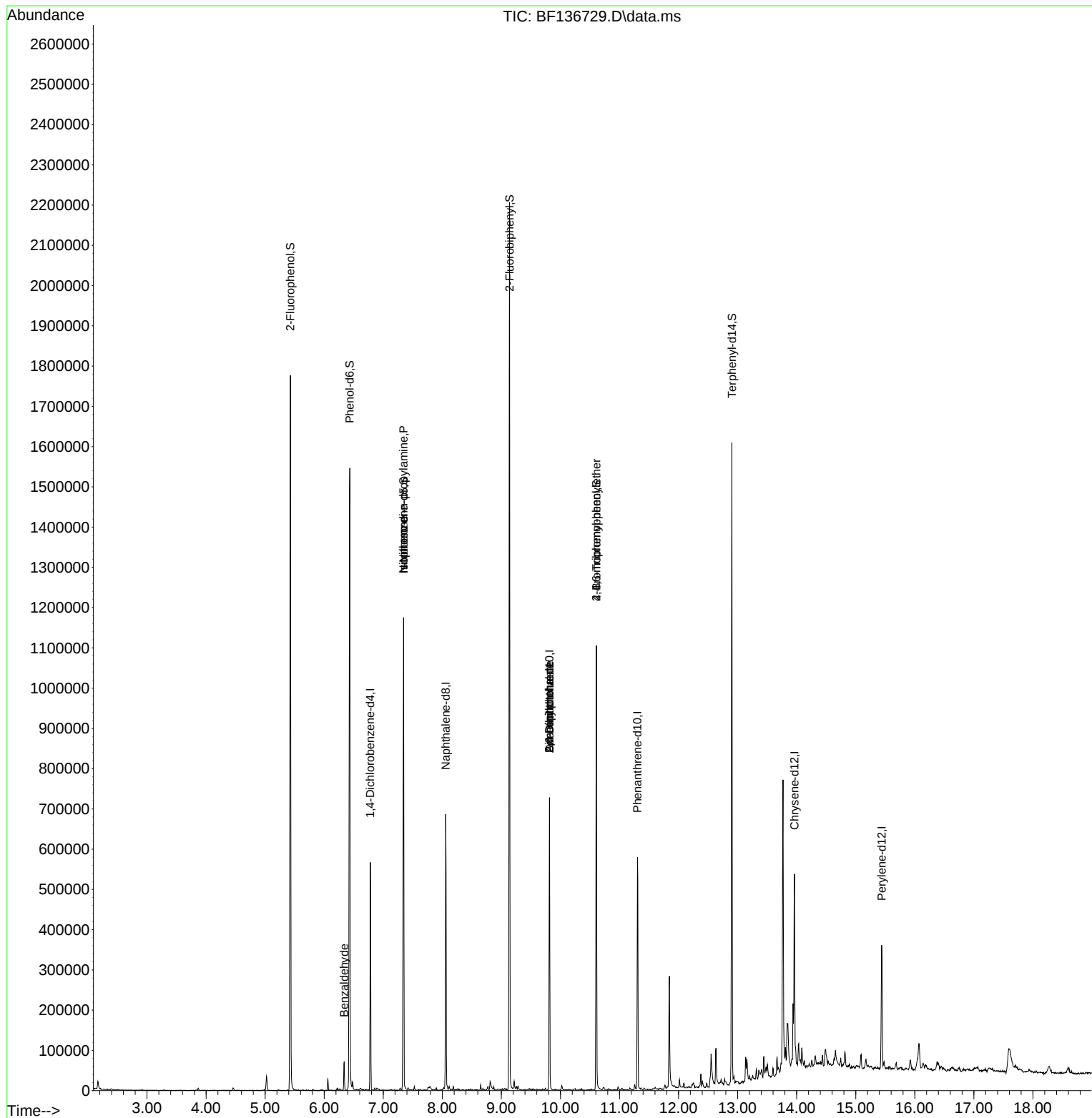
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	78426	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	289354	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	136120	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	218030	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	154796	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	143364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	439722	87.483	ng	0.00
7) Phenol-d6	6.434	99	561388	86.195	ng	0.00
23) Nitrobenzene-d5	7.345	82	357195	63.168	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	128477	80.142	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	663767	65.586	ng	-0.01
79) Terphenyl-d14	12.904	244	524481	47.349	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.339	77	12633	3.410	ng	95
19) n-Nitroso-di-n-propyla...	7.345	70	46839	11.864	ng	# 70
25) Isophorone	7.345	82	357186	34.715	ng	# 65
50) Dimethylphthalate	9.816	163	28097	2.826	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17309	7.671	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17309	5.909	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8149	3.365	ng	# 1

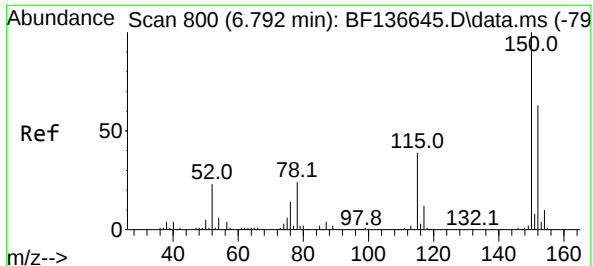
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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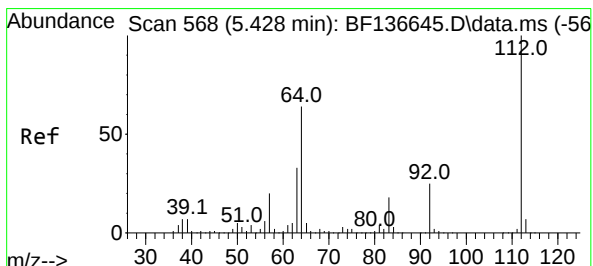
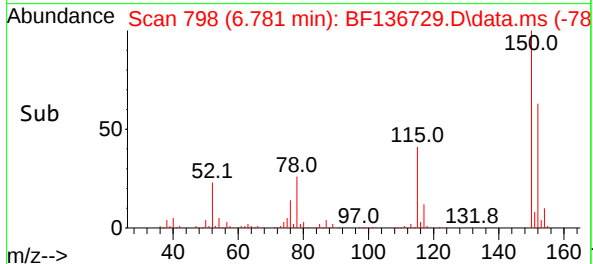
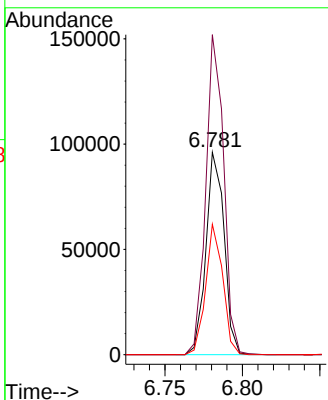
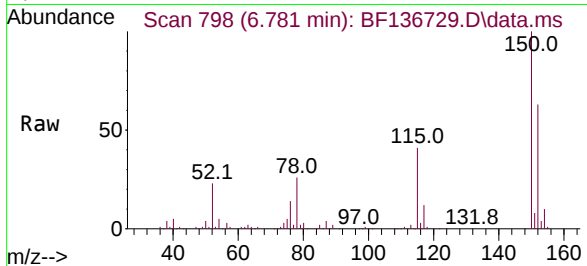




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

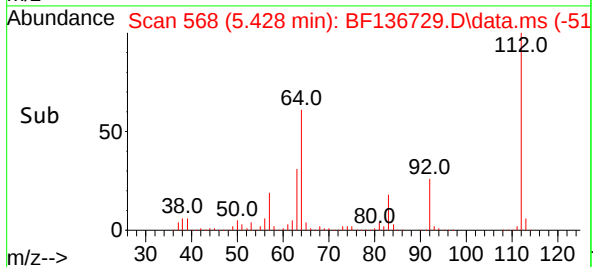
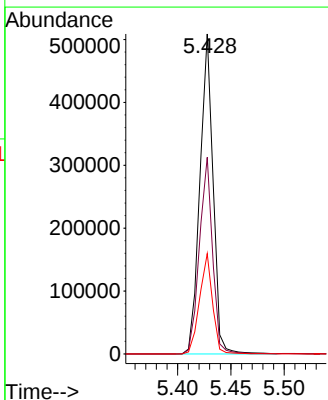
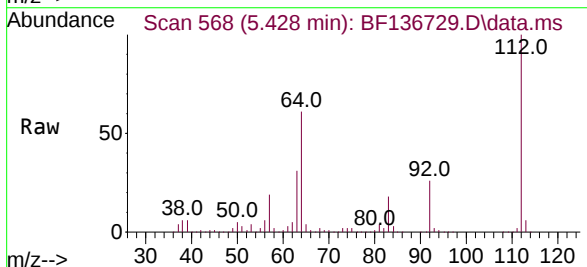
Instrument :
BNA_F
ClientSampleId :
GHL-SS-65a

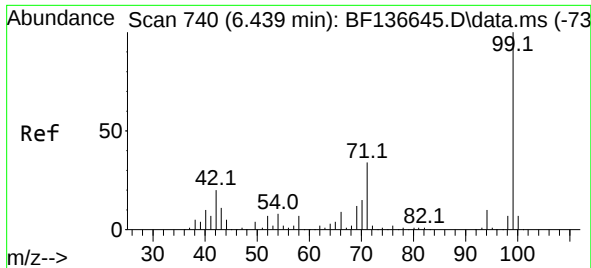
Tgt Ion:152 Resp: 78426
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.6
115 64.4 49.0 73.4



#5
2-Fluorophenol
Concen: 87.483 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

Tgt Ion:112 Resp: 439722
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 31.4 26.1 39.1

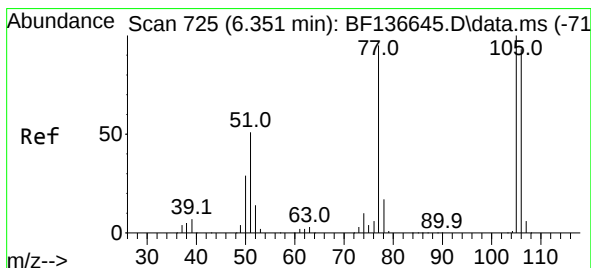
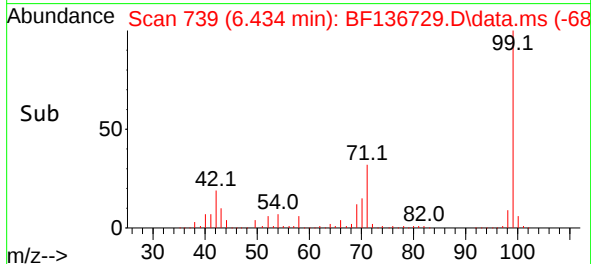
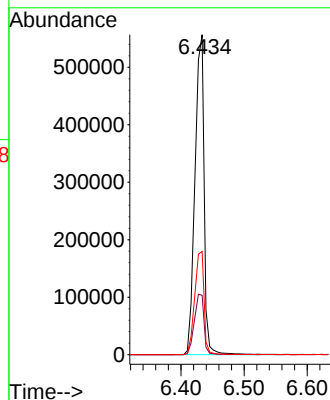
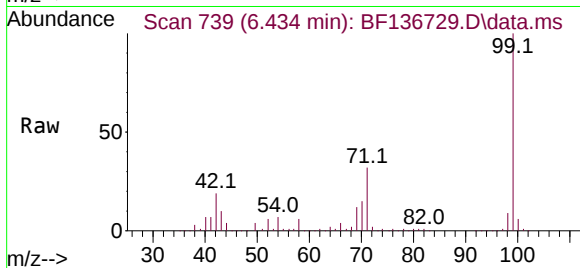




#7
Phenol-d6
Concen: 86.195 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

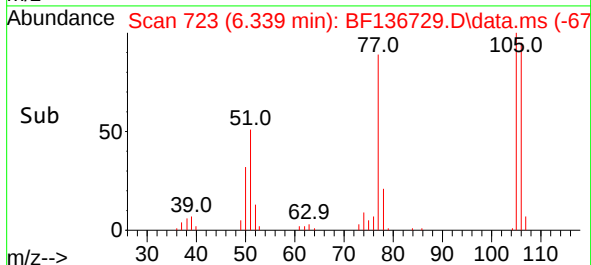
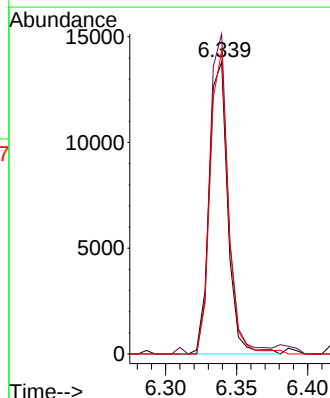
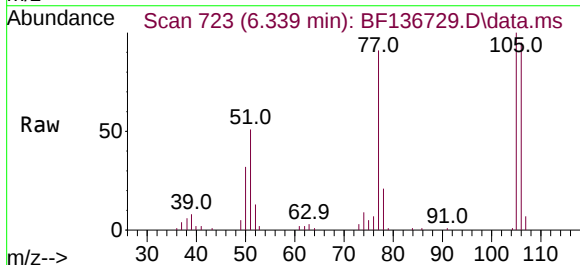
Instrument :
BNA_F
ClientSampleId :
GHL-SS-65a

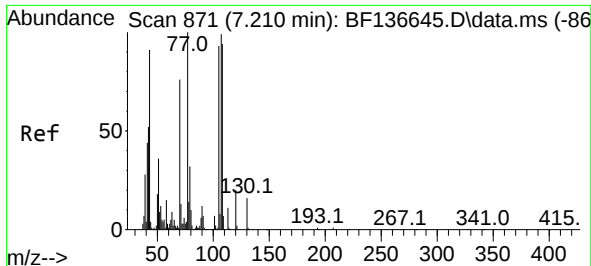
Tgt Ion: 99 Resp: 561388
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 32.3 27.4 41.2



#9
Benzaldehyde
Concen: 3.410 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.012 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

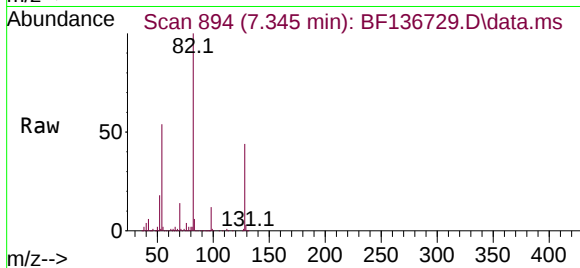
Tgt Ion: 77 Resp: 12633
Ion Ratio Lower Upper
77 100
105 109.6 84.8 124.8
106 103.8 77.8 117.8



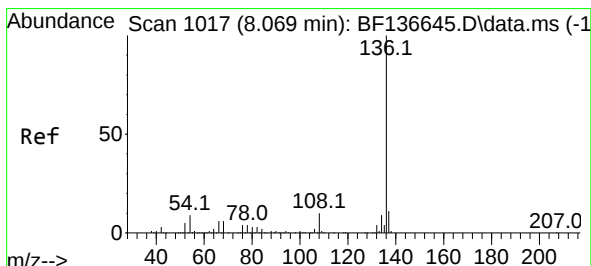
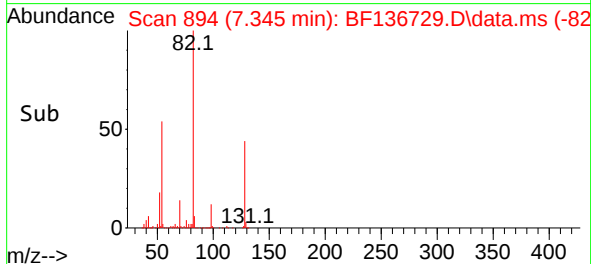
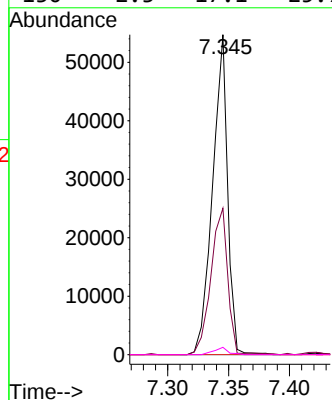


#19
n-Nitroso-di-n-propylamine
Concen: 11.864 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
GHL-SS-65a

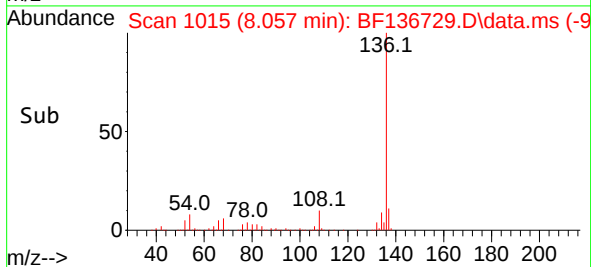
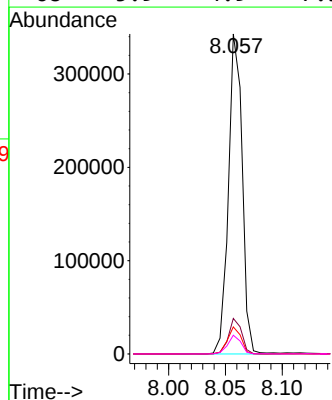
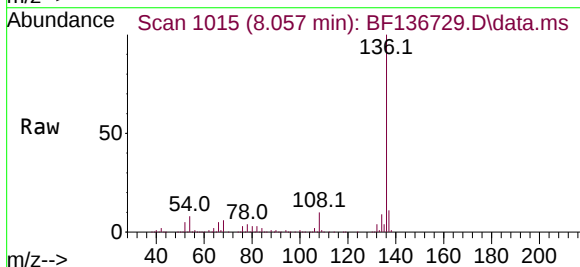


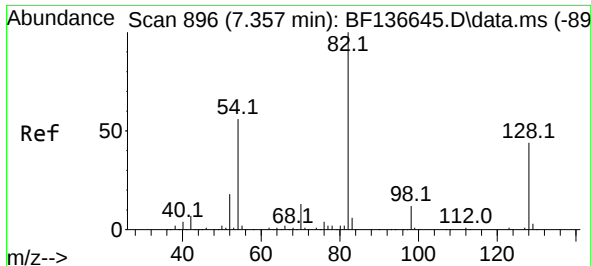
Tgt Ion: 70 Resp: 46839
Ion Ratio Lower Upper
70 100
42 45.8 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

Tgt Ion: 136 Resp: 289354
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.5 7.2 10.8
68 5.9 4.9 7.3

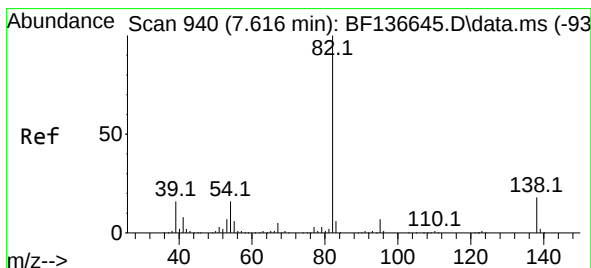
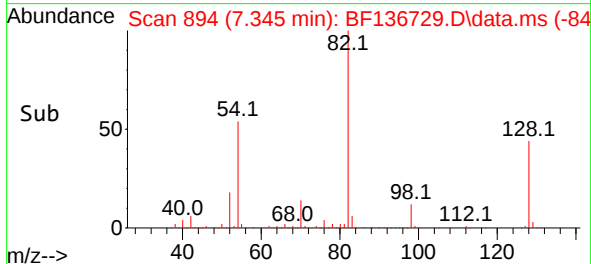
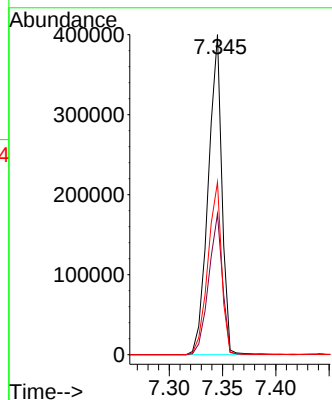
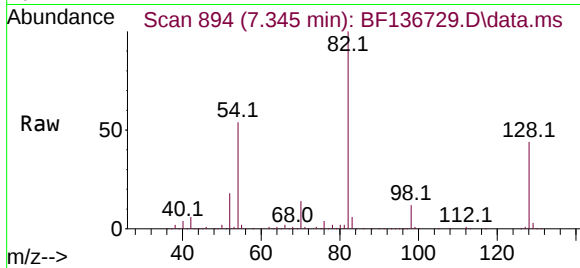




#23
Nitrobenzene-d5
Concen: 63.168 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

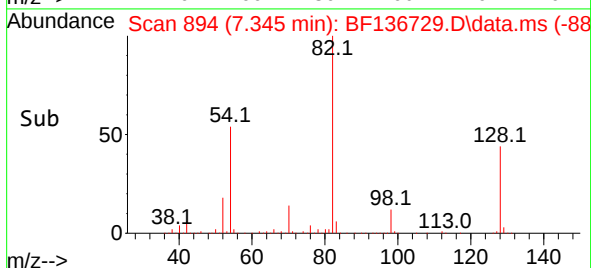
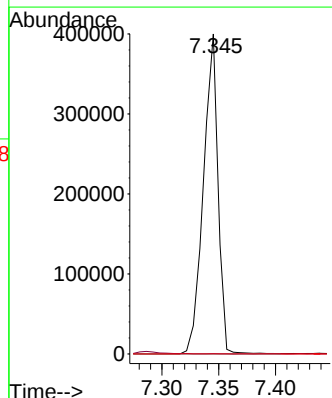
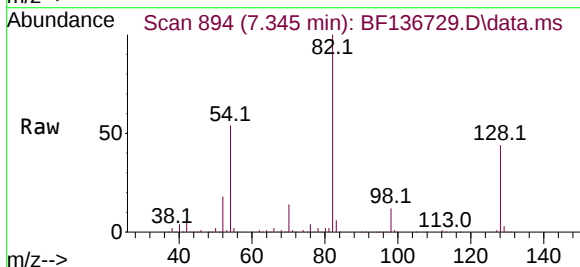
Instrument :
BNA_F
ClientSampleId :
GHL-SS-65a

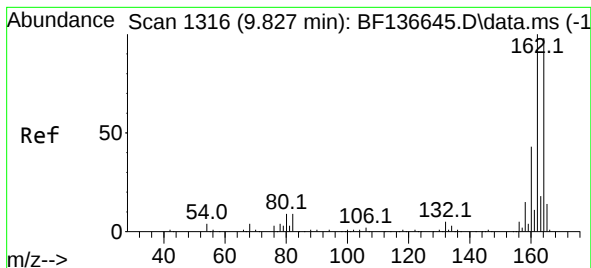
Tgt Ion: 82 Resp: 357195
Ion Ratio Lower Upper
82 100
128 44.0 35.3 52.9
54 53.9 44.5 66.7



#25
Isophorone
Concen: 34.715 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

Tgt Ion: 82 Resp: 357186
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136729.D

Acq: 26 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-65a

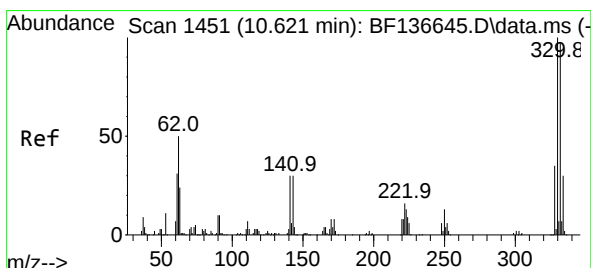
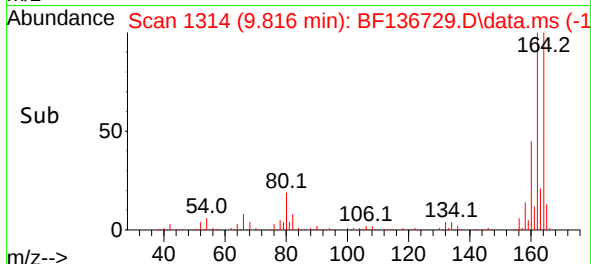
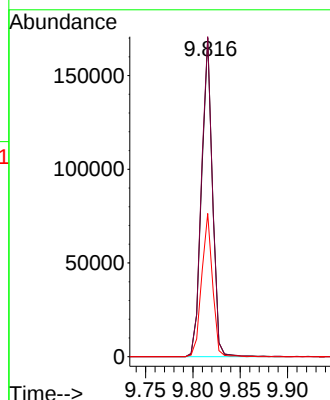
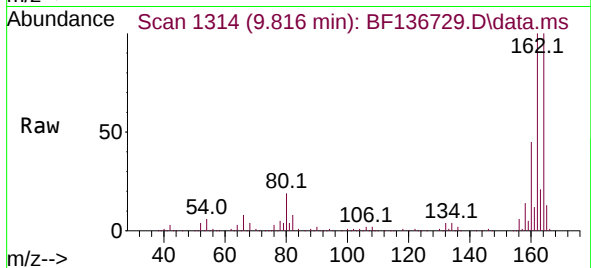
Tgt Ion:164 Resp: 136120

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

160 45.0 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 80.142 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136729.D

Acq: 26 Dec 2023 20:31

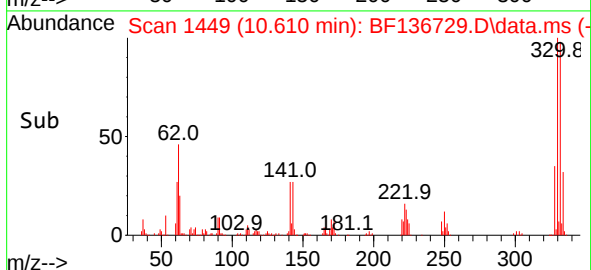
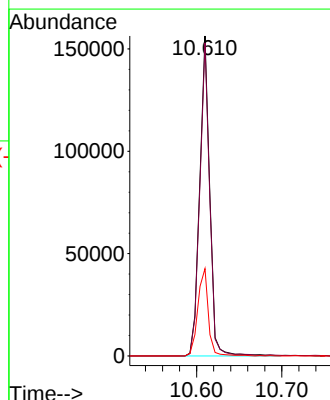
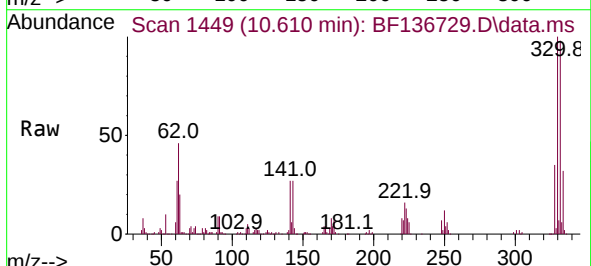
Tgt Ion:330 Resp: 128477

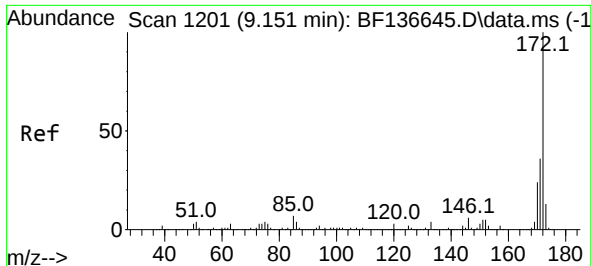
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 28.5 23.4 35.2

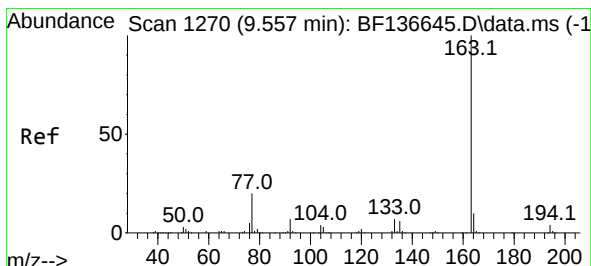
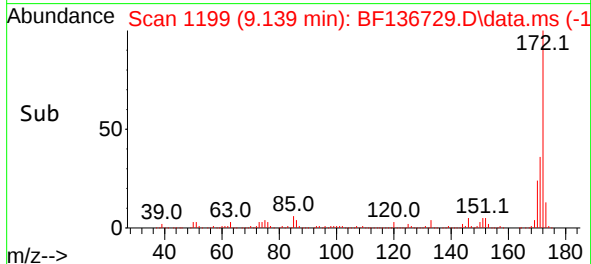
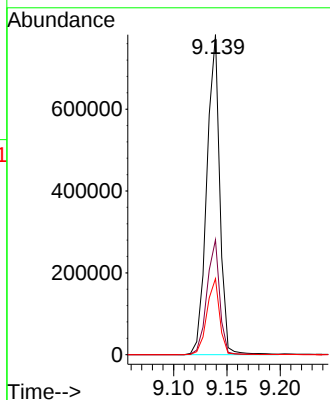
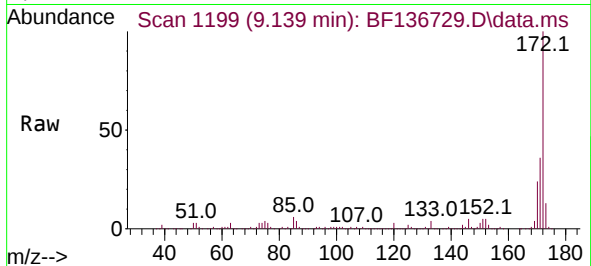




#45
2-Fluorobiphenyl
Concen: 65.586 ng
RT: 9.139 min Scan# 1119
Delta R.T. -0.012 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

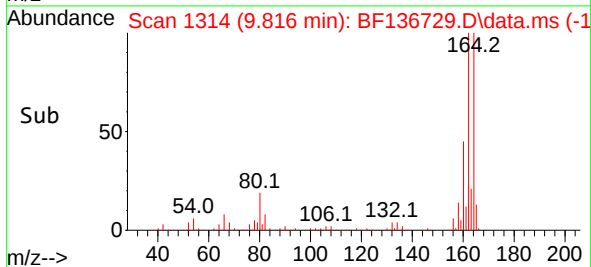
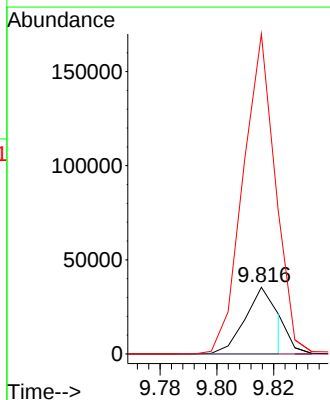
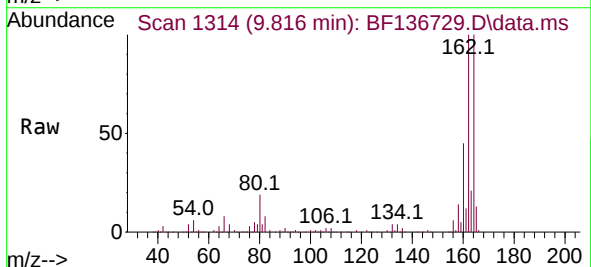
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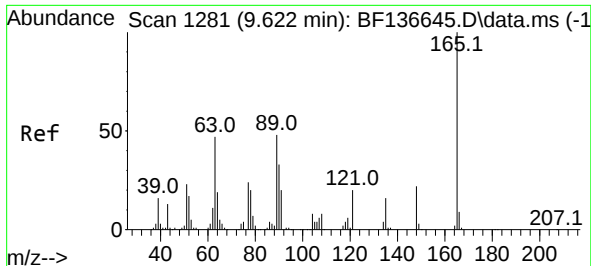
Tgt Ion:172 Resp: 663767
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.7 19.0 28.4



#50
Dimethylphthalate
Concen: 2.826 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

Tgt Ion:163 Resp: 28097
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 479.5 7.8 11.6#

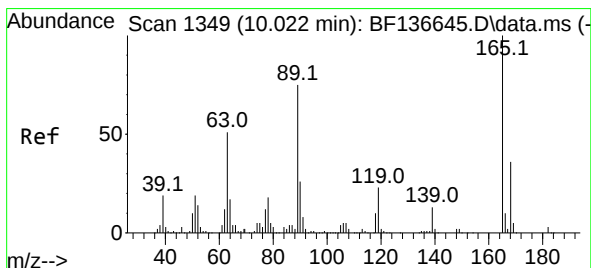
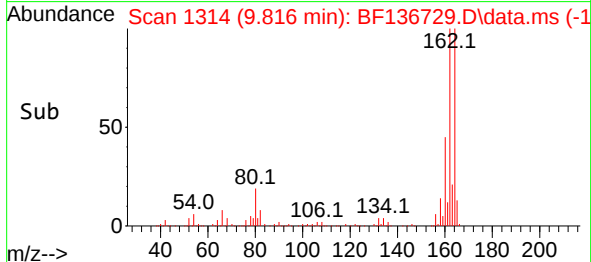
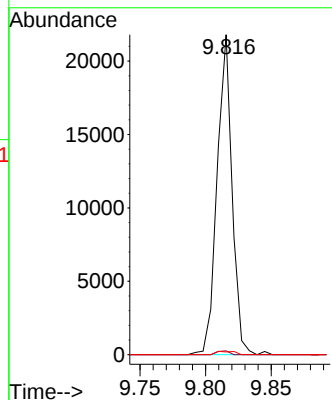
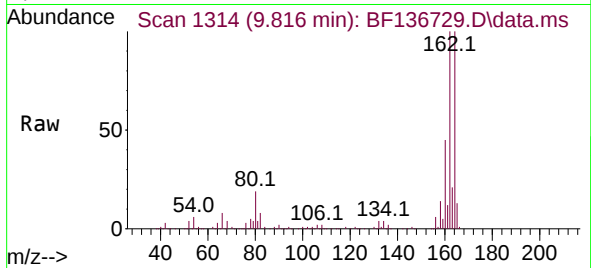




#51
2,6-Dinitrotoluene
Concen: 7.671 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

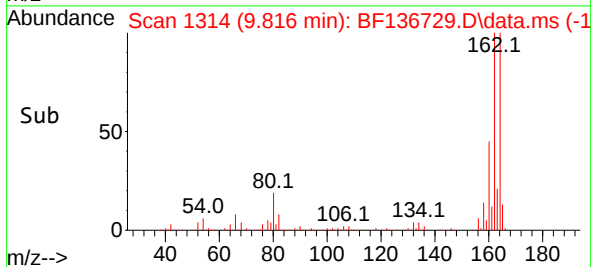
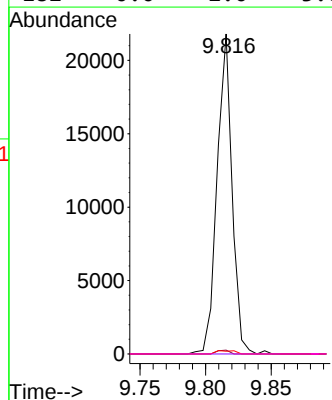
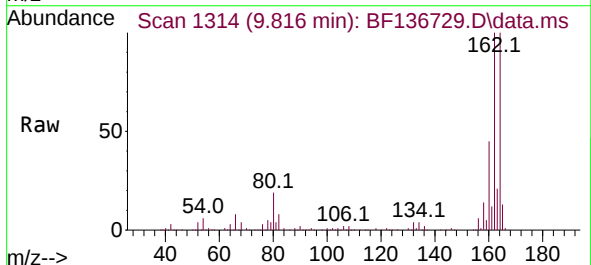
Instrument :
BNA_F
ClientSampleId :
GHL-SS-65a

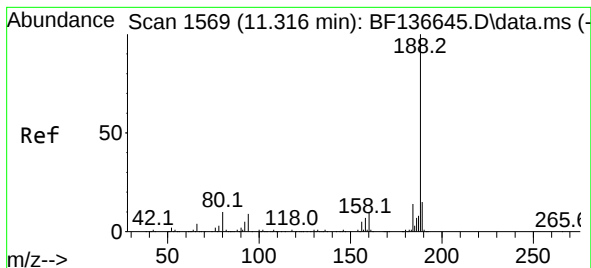
Tgt Ion:165 Resp: 17309
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 0.9 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.909 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

Tgt Ion:165 Resp: 17309
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 0.9 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: BF136729.D

Acq: 26 Dec 2023 20:31

Instrument :

BNA_F

ClientSampleId :

GHL-SS-65a

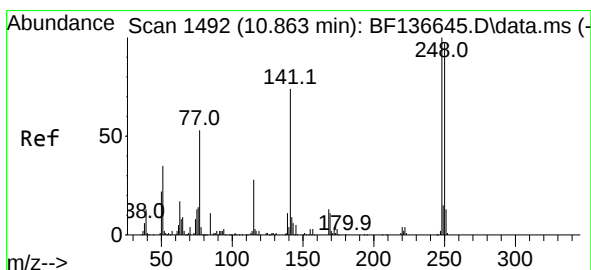
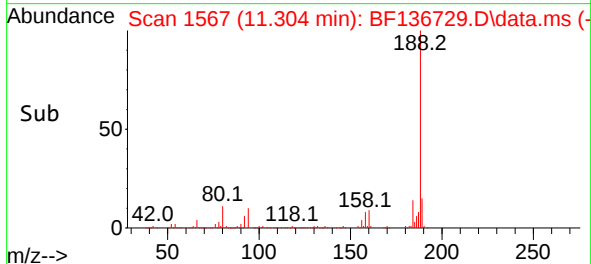
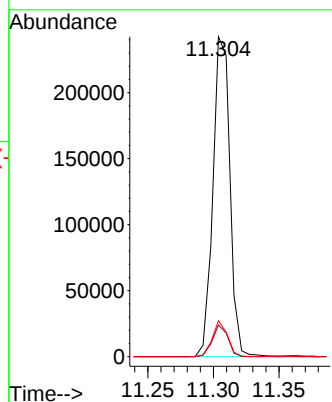
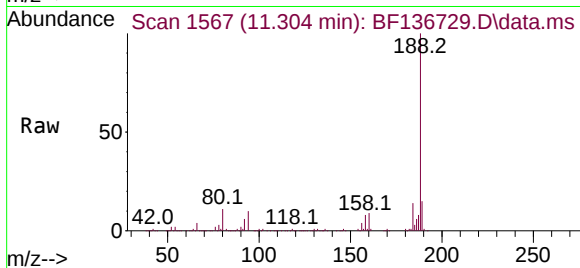
Tgt Ion:188 Resp: 218030

Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

80 11.2 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.365 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136729.D

Acq: 26 Dec 2023 20:31

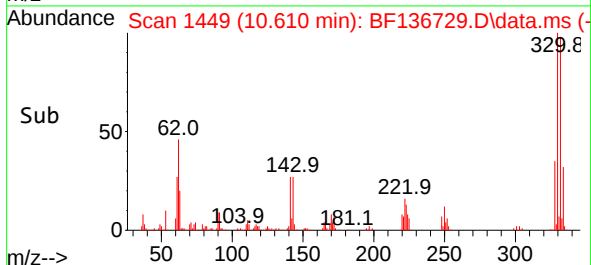
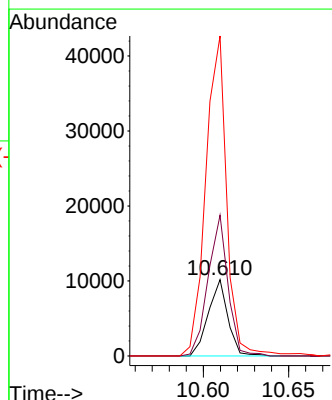
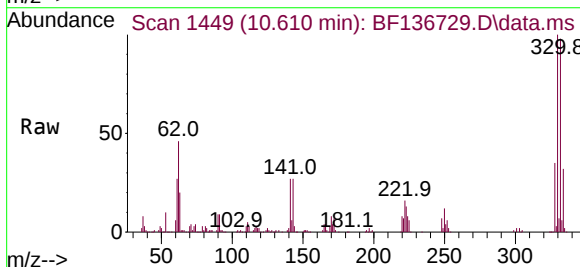
Tgt Ion:248 Resp: 8149

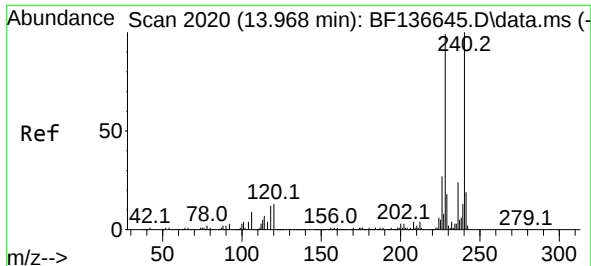
Ion Ratio Lower Upper

248 100

250 184.7 77.8 116.6#

141 419.6 59.2 88.8#

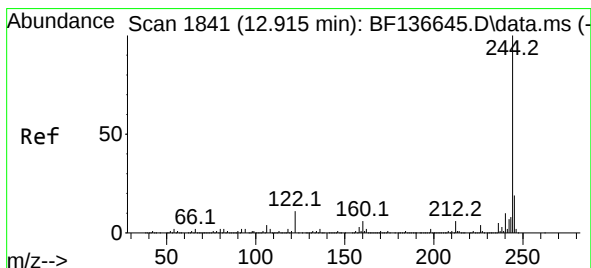
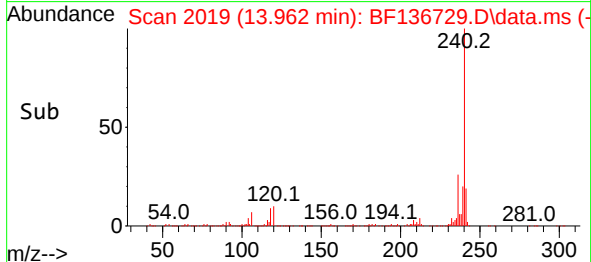
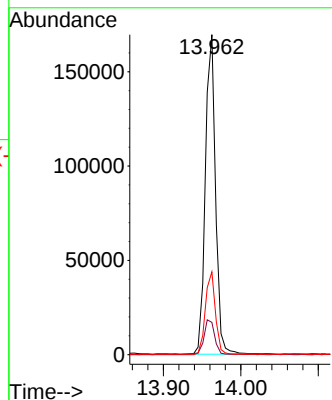
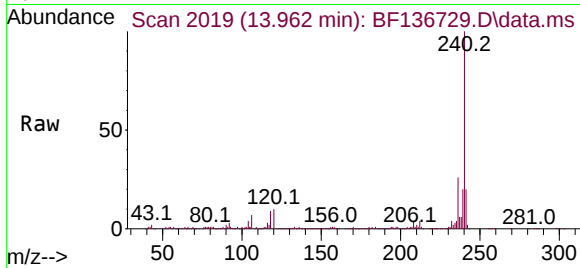




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

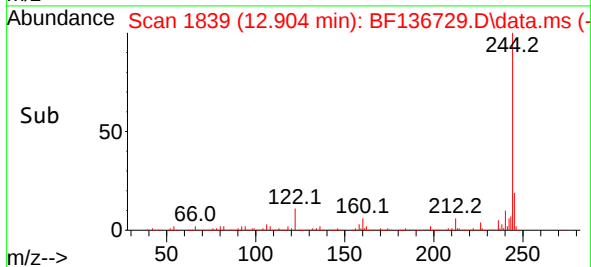
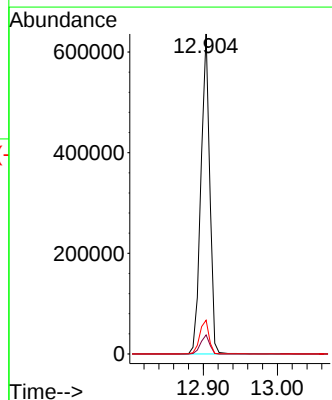
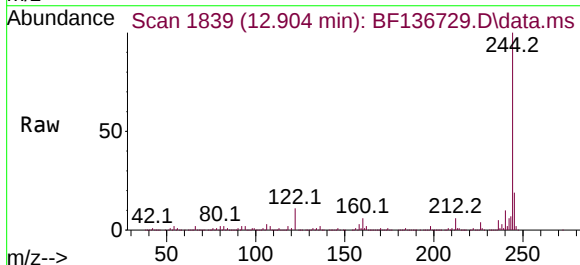
Instrument :
BNA_F
ClientSampleId :
GHL-SS-65a

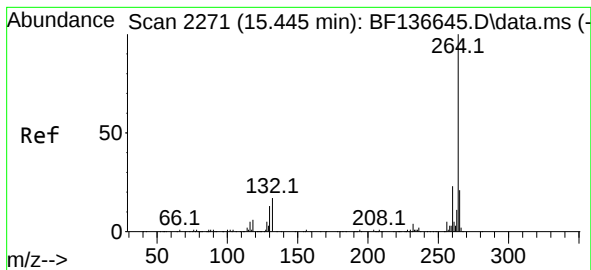
Tgt Ion:240 Resp: 154796
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5#
236 25.9 19.4 29.2



#79
Terphenyl-d14
Concen: 47.349 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136729.D
Acq: 26 Dec 2023 20:31

Tgt Ion:244 Resp: 524481
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 10.5 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: BF136729.D
Acq: 26 Dec 2023 20:31

Instrument :
BNA_F
ClientSampleId :
GHL-SS-65a

Tgt Ion:264 Resp: 143364

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.3	27.5
265	20.7	17.0	25.6

