

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060142.D
 Acq On : 22 Dec 2023 17:32
 Operator : MA/JU
 Sample : 05900-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-65a

Quant Time: Dec 23 05:45:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

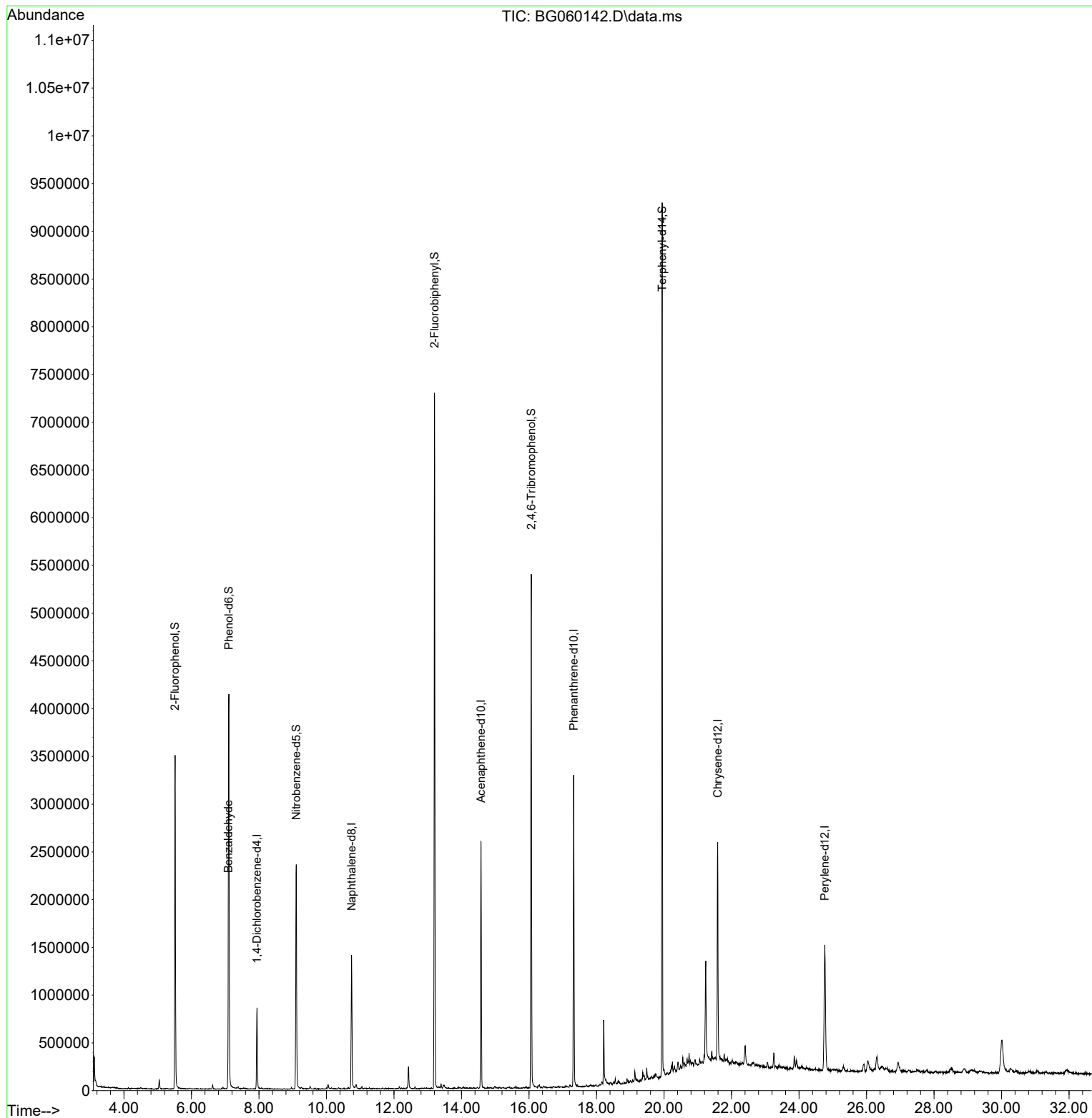
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	253369	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	1189865	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	922450	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	2094615	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1291387	20.000	ng	0.00
86) Perylene-d12	24.763	264	1429621	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1644150	102.250	ng	0.00
7) Phenol-d6	7.107	99	2623353	96.941	ng	0.00
23) Nitrobenzene-d5	9.105	82	1537340	63.293	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1076152	86.646	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	3825254	62.267	ng	0.00
79) Terphenyl-d14	19.945	244	4227227	59.233	ng	0.00
Target Compounds						
9) Benzaldehyde	7.089	77	39844	2.654	ng	Qvalue # 79

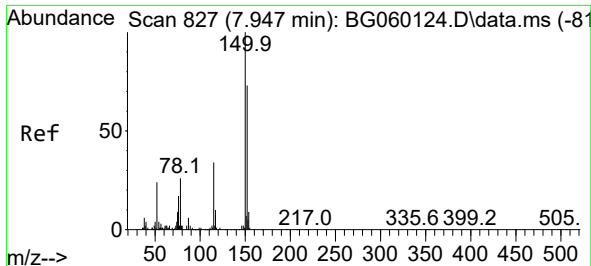
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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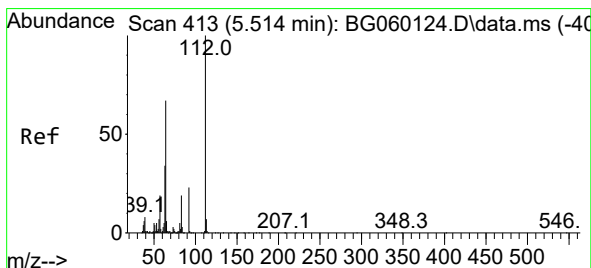
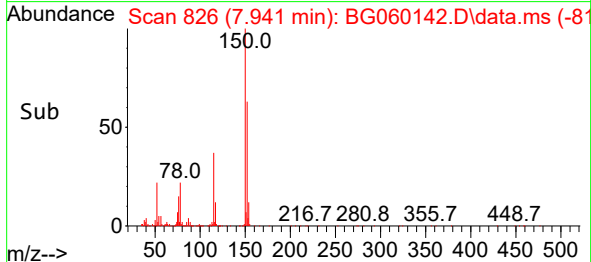
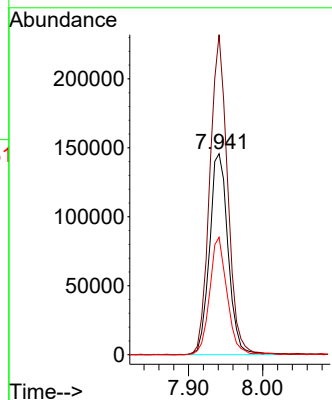
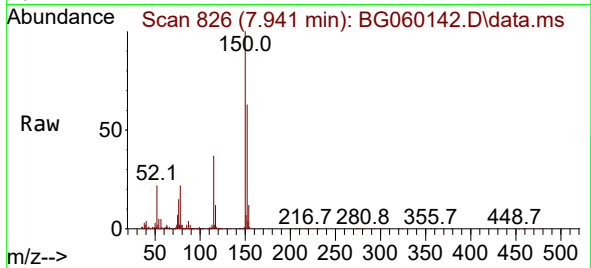




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

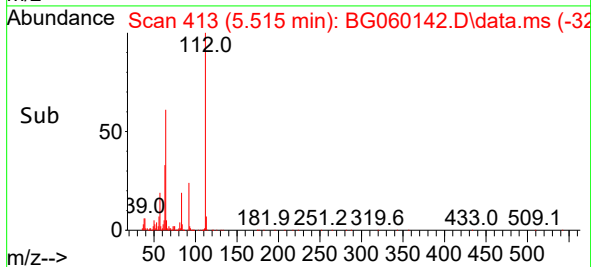
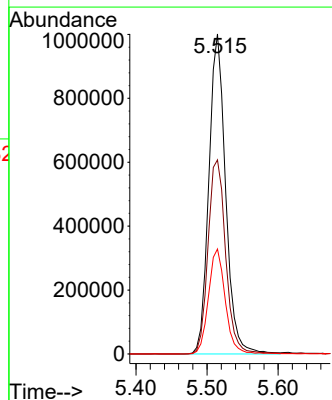
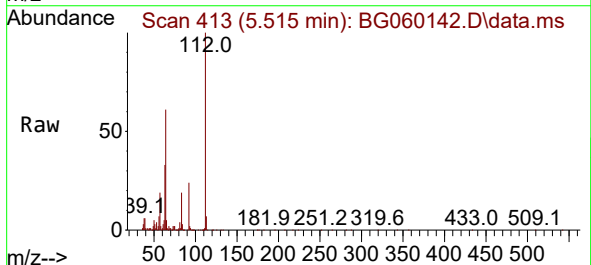
Instrument :
BNA_G
ClientSampleId :
GHL-SS-65a

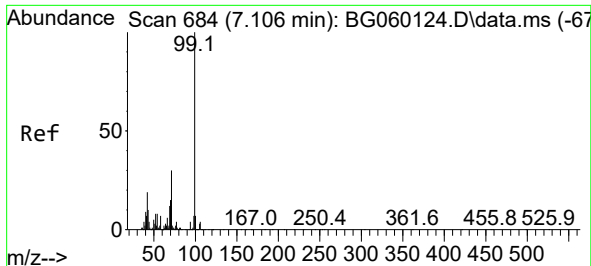
Tgt Ion:152 Resp: 253369
Ion Ratio Lower Upper
152 100
150 159.2 109.4 164.0
115 58.4 36.5 54.7#



#5
2-Fluorophenol
Concen: 102.250 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

Tgt Ion:112 Resp: 1644150
Ion Ratio Lower Upper
112 100
64 60.6 53.3 79.9
63 32.8 27.1 40.7





#7

Phenol-d6

Concen: 96.941 ng

RT: 7.107 min Scan# 6

Delta R.T. 0.001 min

Lab File: BG060142.D

Acq: 22 Dec 2023 17:32

Instrument :

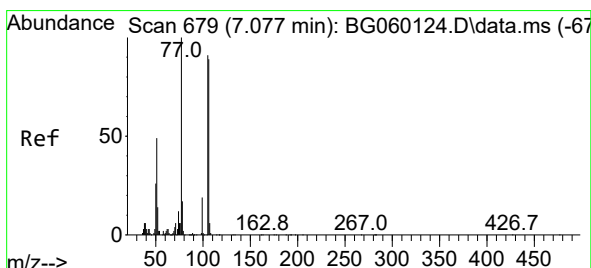
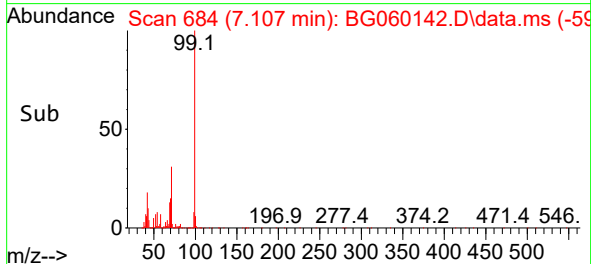
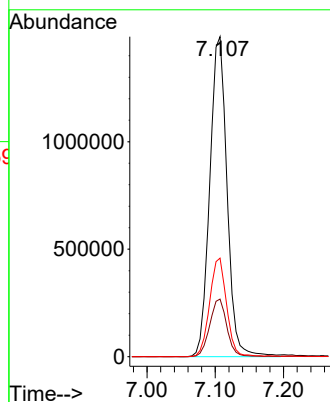
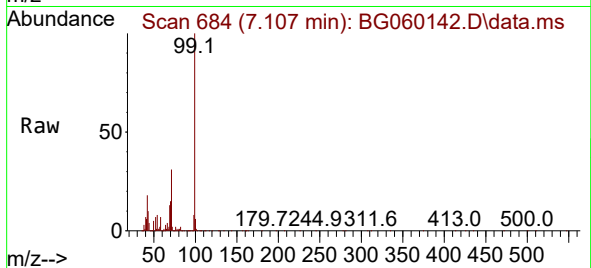
BNA_G

ClientSampleId :

GHL-SS-65a

Tgt Ion: 99 Resp: 2623353

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.2	22.8
71	30.8	24.2	36.2



#9

Benzaldehyde

Concen: 2.654 ng

RT: 7.089 min Scan# 681

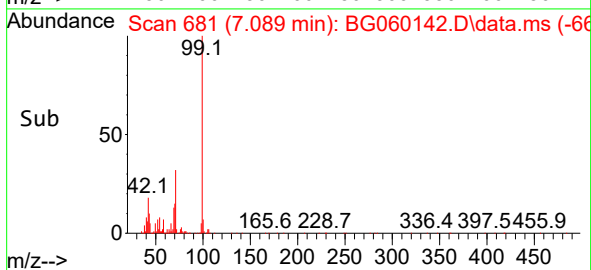
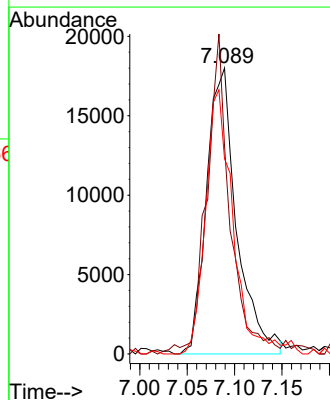
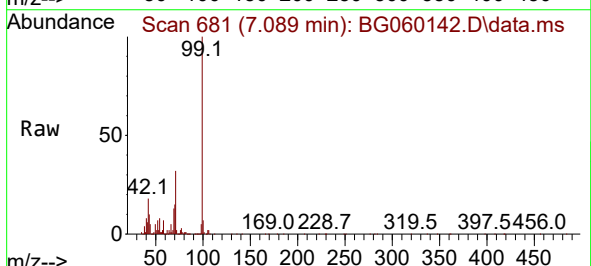
Delta R.T. 0.012 min

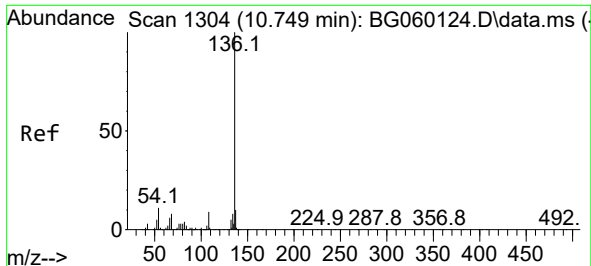
Lab File: BG060142.D

Acq: 22 Dec 2023 17:32

Tgt Ion: 77 Resp: 39844

Ion	Ratio	Lower	Upper
77	100		
105	72.8	71.4	111.4
106	68.3	68.8	108.8

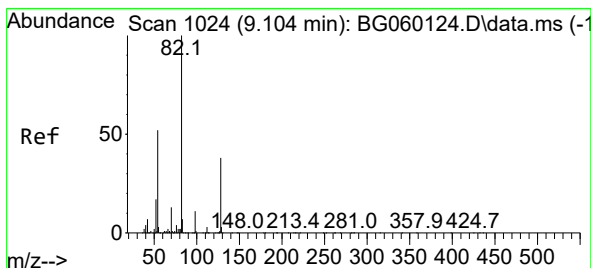
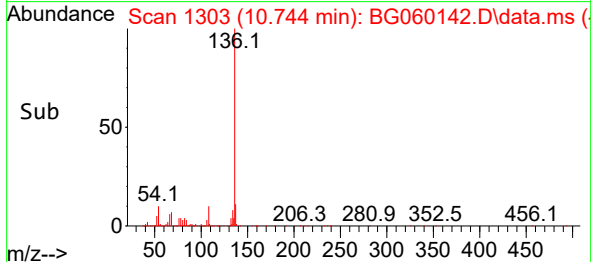
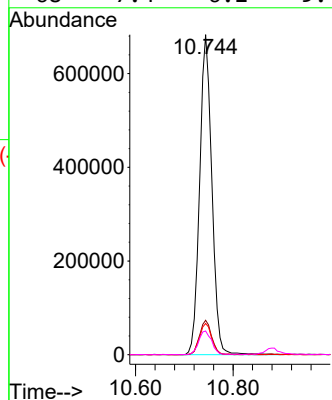
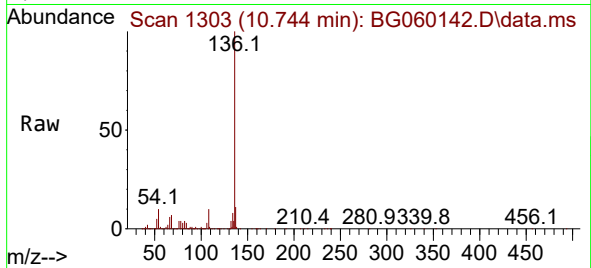




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

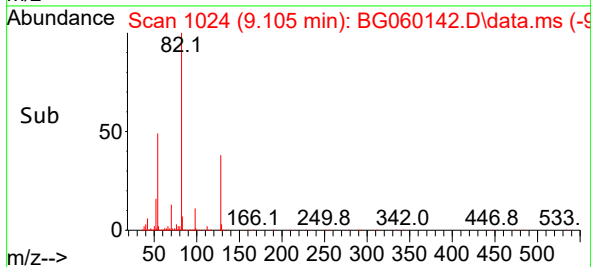
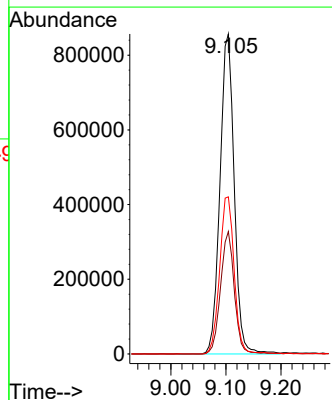
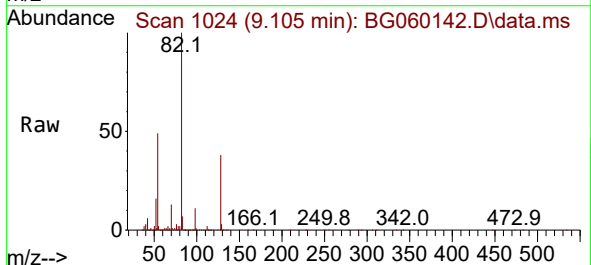
Instrument :
BNA_G
ClientSampleId :
GHL-SS-65a

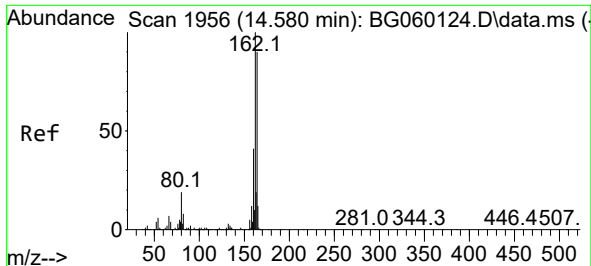
Tgt Ion:136 Resp: 1189865
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 9.8 8.7 13.1
68 7.4 6.2 9.4



#23
Nitrobenzene-d5
Concen: 63.293 ng
RT: 9.105 min Scan# 1024
Delta R.T. 0.001 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

Tgt Ion: 82 Resp: 1537340
Ion Ratio Lower Upper
82 100
128 38.3 30.5 45.7
54 49.1 41.9 62.9

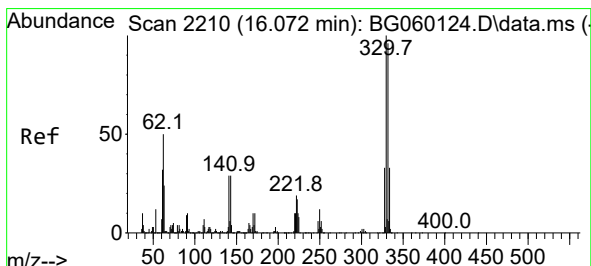
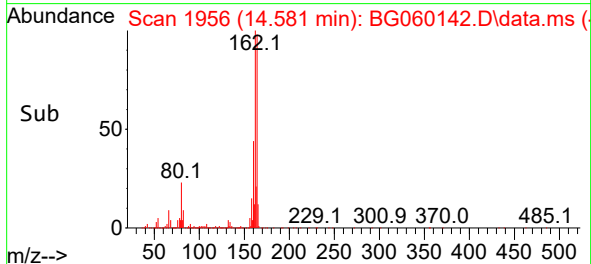
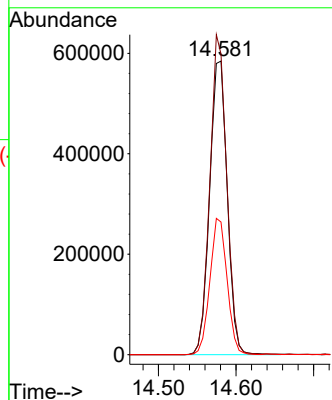
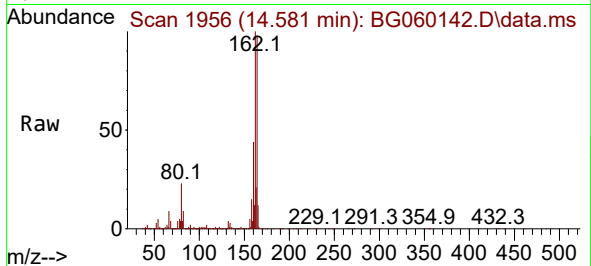




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1956
Delta R.T. 0.001 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

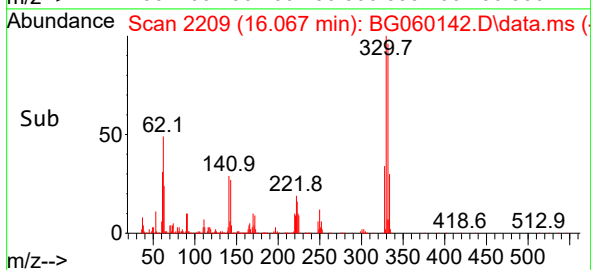
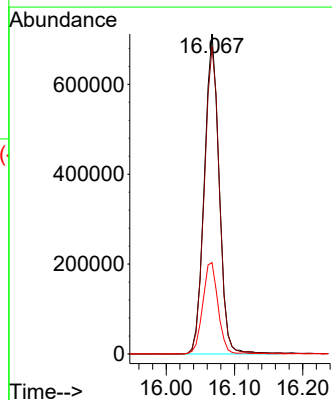
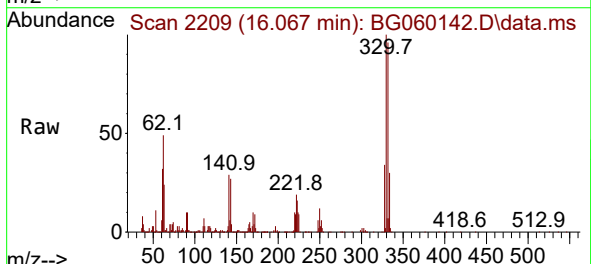
Instrument :
BNA_G
ClientSampleId :
GHL-SS-65a

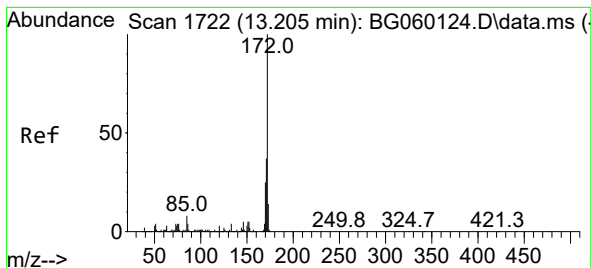
Tgt Ion:164 Resp: 922450
Ion Ratio Lower Upper
164 100
162 102.4 88.5 132.7
160 45.2 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 86.646 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

Tgt Ion:330 Resp: 1076152
Ion Ratio Lower Upper
330 100
332 97.6 75.5 113.3
141 29.5 24.7 37.1

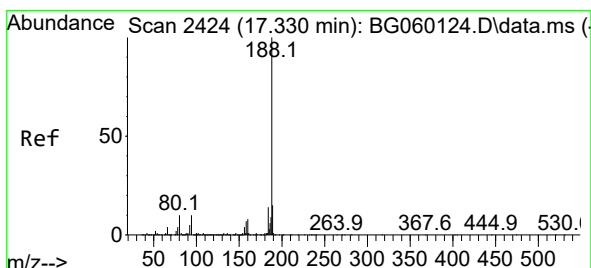
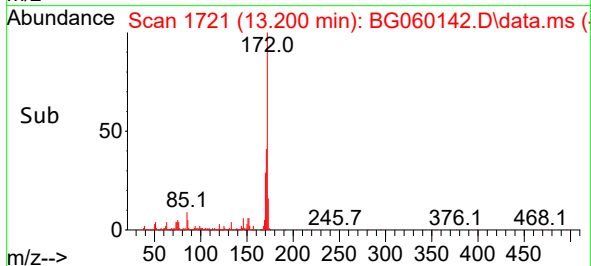
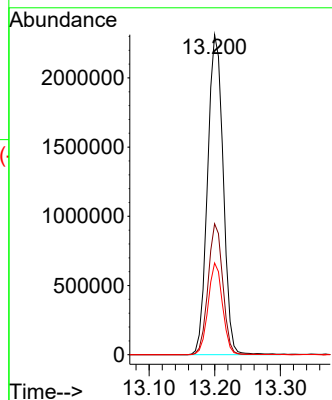
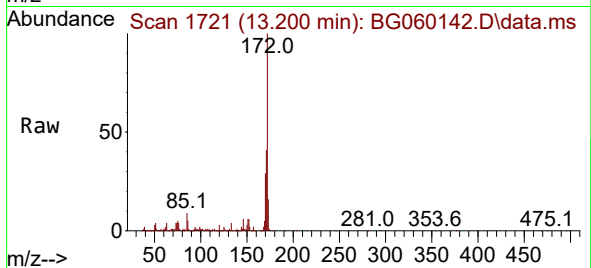




#45
2-Fluorobiphenyl
Concen: 62.267 ng
RT: 13.200 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

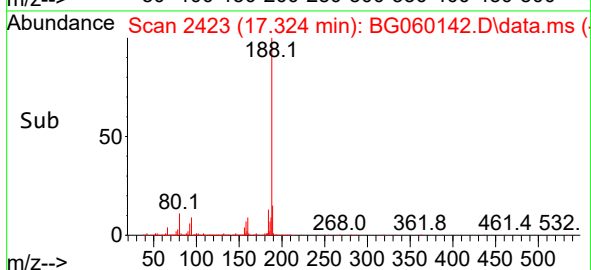
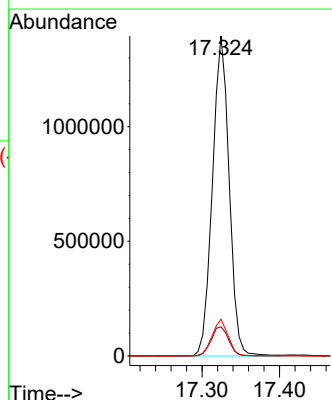
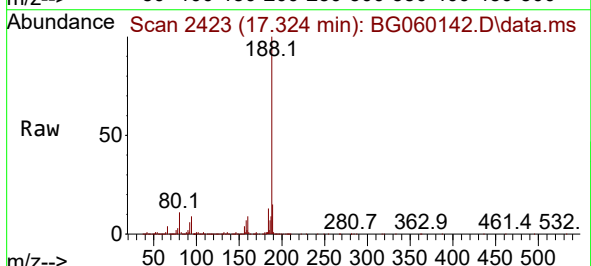
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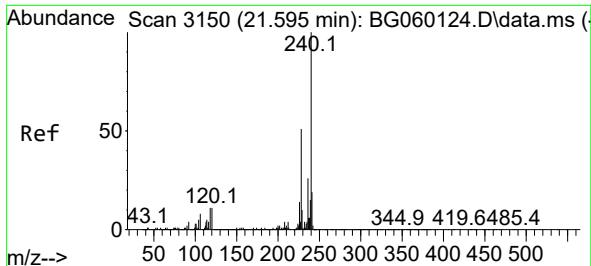
Tgt Ion:172 Resp: 3825254
Ion Ratio Lower Upper
172 100
171 40.9 29.2 43.8
170 28.6 20.1 30.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

Tgt Ion:188 Resp: 2094615
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 11.5 7.9 11.9

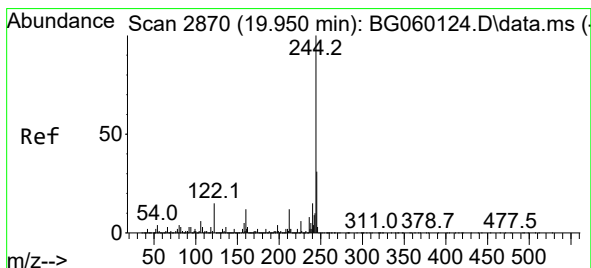
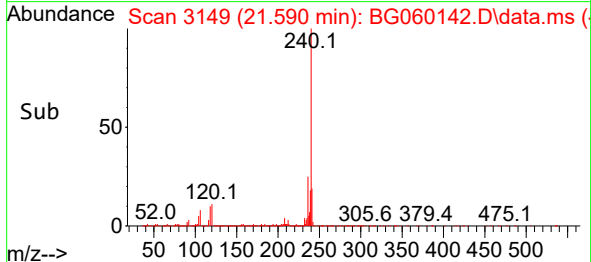
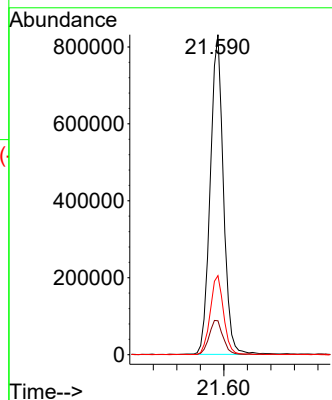
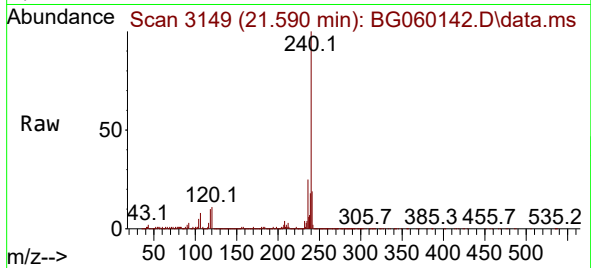




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

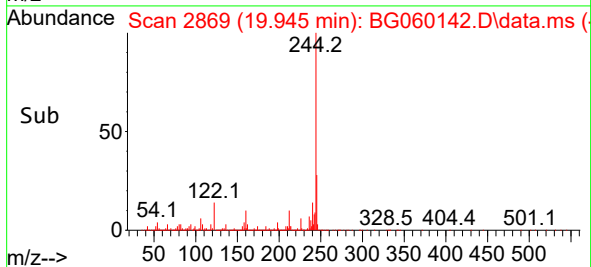
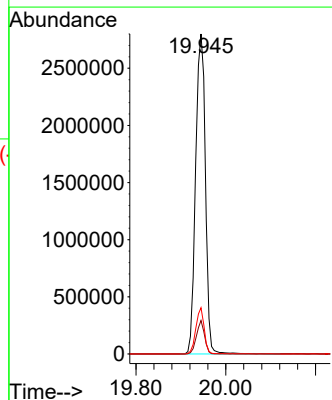
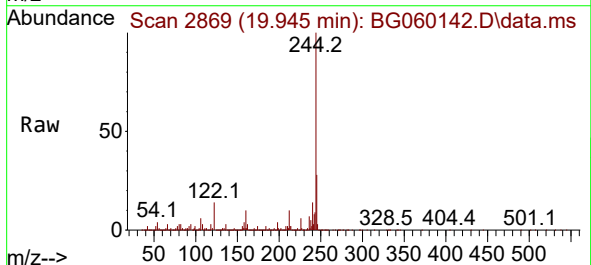
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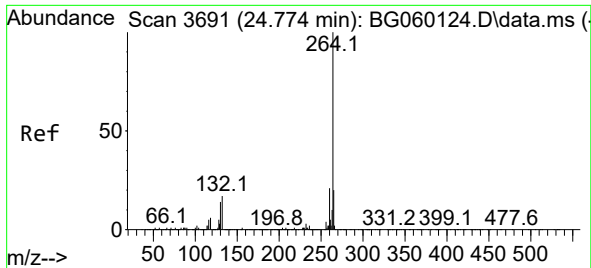
Tgt Ion:240 Resp: 1291387
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 24.7 20.4 30.6



#79
Terphenyl-d14
Concen: 59.233 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.005 min
Lab File: BG060142.D
Acq: 22 Dec 2023 17:32

Tgt Ion:244 Resp: 4227227
Ion Ratio Lower Upper
244 100
212 10.4 9.5 14.3
122 14.5 12.2 18.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.763 min Scan# 30

Delta R.T. -0.011 min

Lab File: BG060142.D

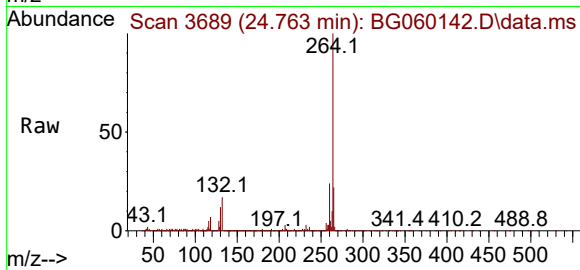
Acq: 22 Dec 2023 17:32

Instrument :

BNA_G

ClientSampleId :

GHL-SS-65a



Tgt Ion:264 Resp: 1429621

Ion Ratio Lower Upper

264 100

260 23.6 17.1 25.7

265 21.7 16.0 24.0

