

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060144.D
 Acq On : 22 Dec 2023 18:52
 Operator : MA/JU
 Sample : 05897-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-27

Quant Time: Dec 23 05:46:47 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)

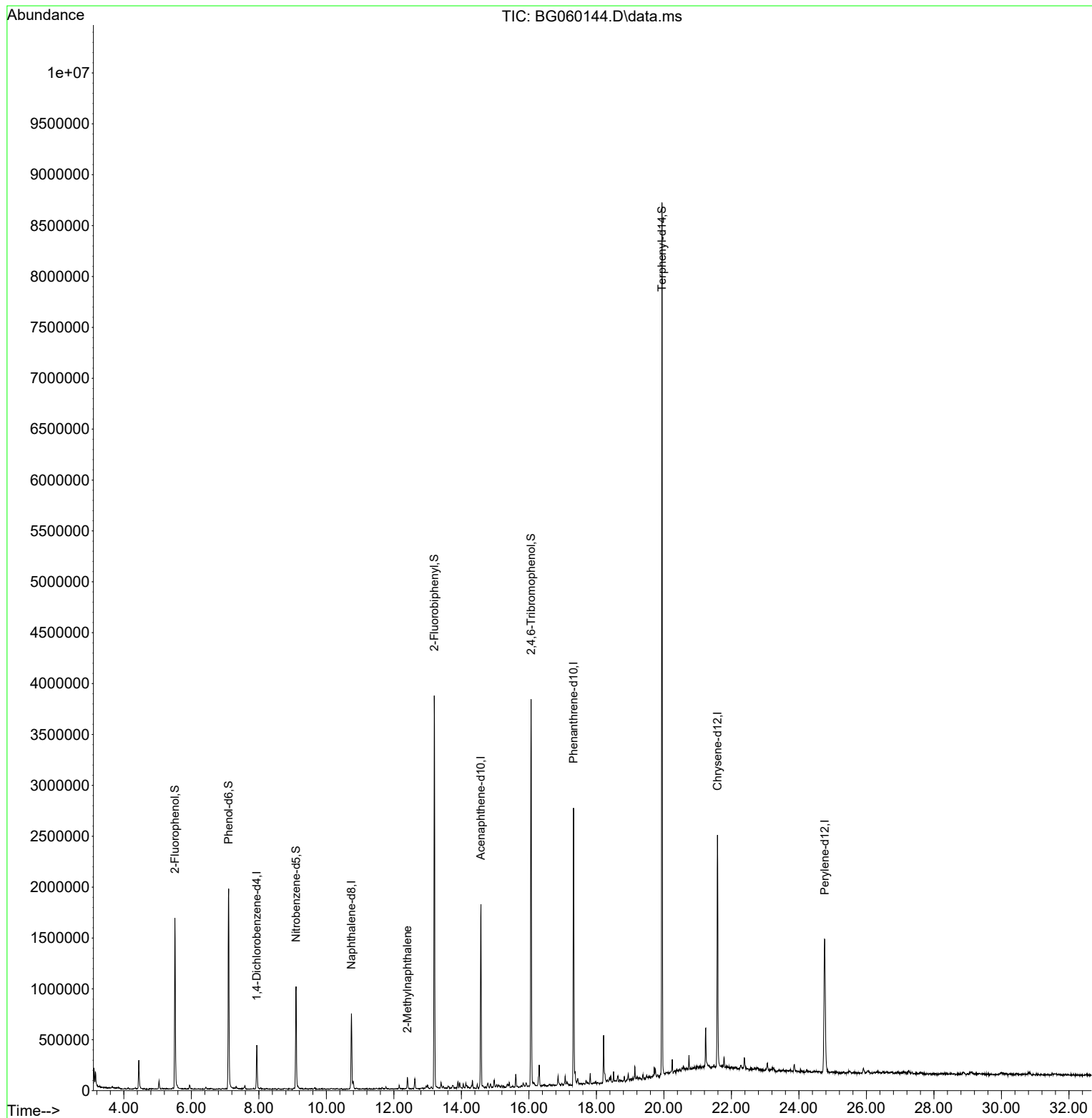
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	130942	20.000	ng	# 0.00
21) Naphthalene-d8	10.741	136	649845	20.000	ng	0.00
39) Acenaphthene-d10	14.578	164	629945	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1867972	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1345005	20.000	ng	0.00
86) Perylene-d12	24.766	264	1443298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.512	112	824021	99.160	ng	0.00
7) Phenol-d6	7.104	99	1299832	92.942	ng	0.00
23) Nitrobenzene-d5	9.102	82	662806	49.964	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	771196	90.924	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	2172287	51.779	ng	0.00
79) Terphenyl-d14	19.942	244	3928515	52.853	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	12.398	142	56253	2.095	ng	Qvalue 97

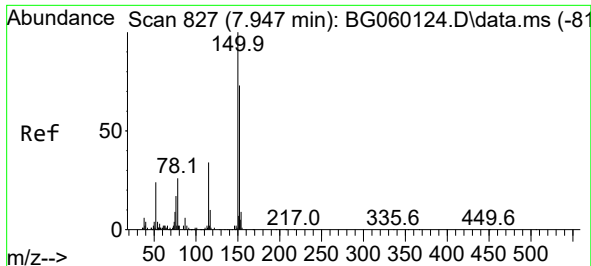
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
Data File : BG060144.D
Acq On : 22 Dec 2023 18:52
Operator : MA/JU
Sample : 05897-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

Quant Time: Dec 23 05:46:47 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

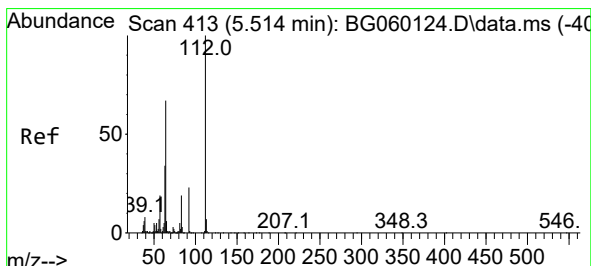
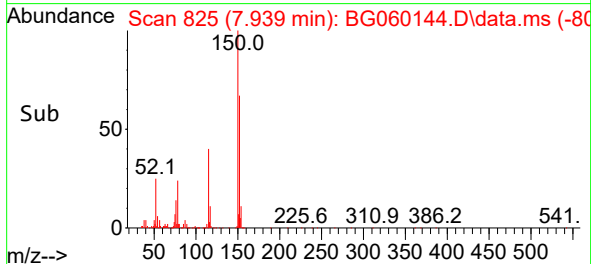
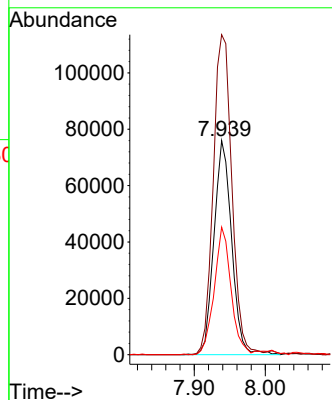
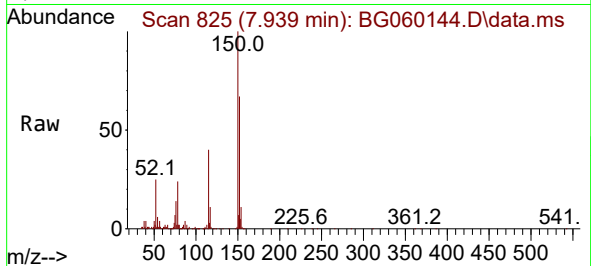




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

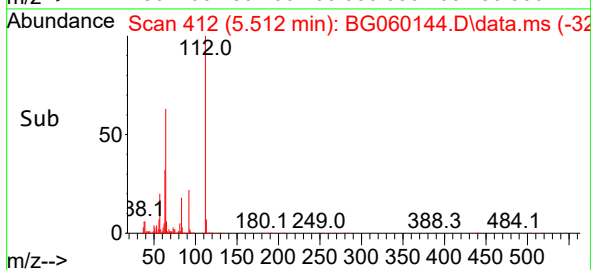
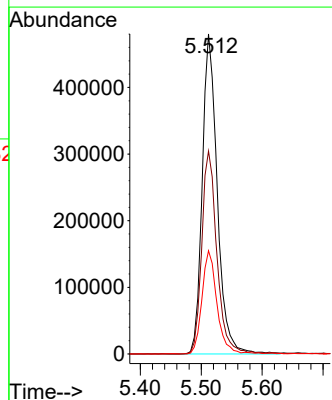
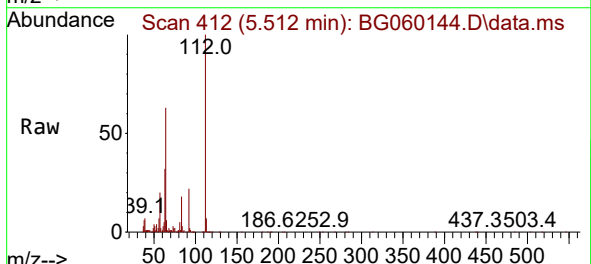
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

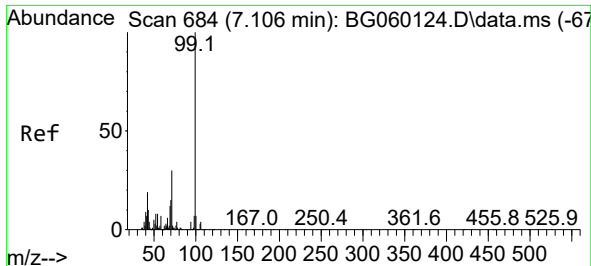
Tgt Ion:152 Resp: 130942
Ion Ratio Lower Upper
152 100
150 149.4 109.4 164.0
115 59.6 36.5 54.7#



#5
2-Fluorophenol
Concen: 99.160 ng
RT: 5.512 min Scan# 412
Delta R.T. -0.002 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion:112 Resp: 824021
Ion Ratio Lower Upper
112 100
64 63.4 53.3 79.9
63 32.2 27.1 40.7

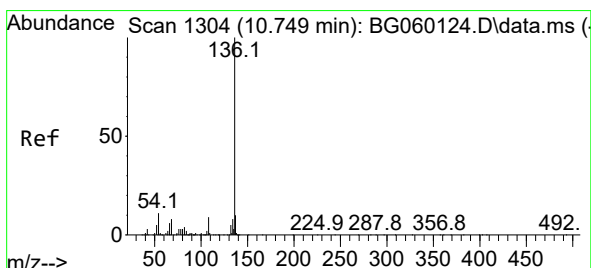
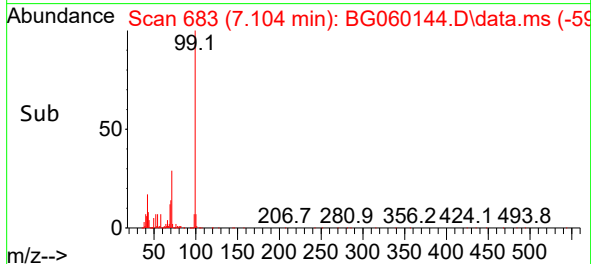
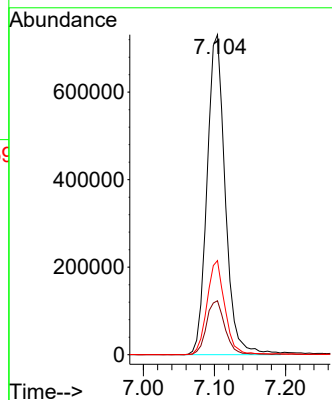
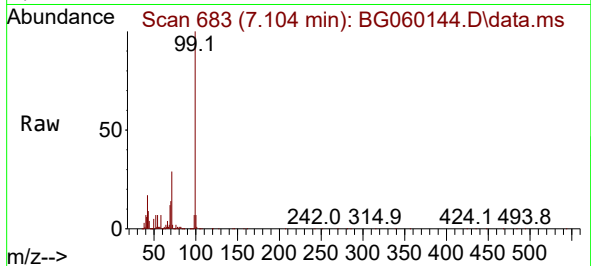




#7
Phenol-d6
Concen: 92.942 ng
RT: 7.104 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

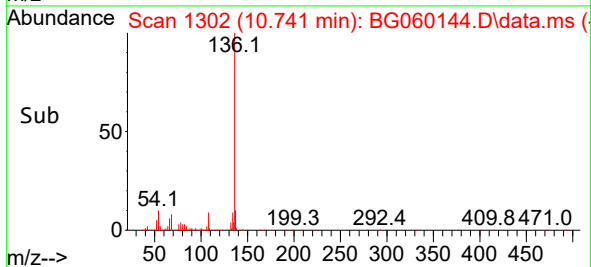
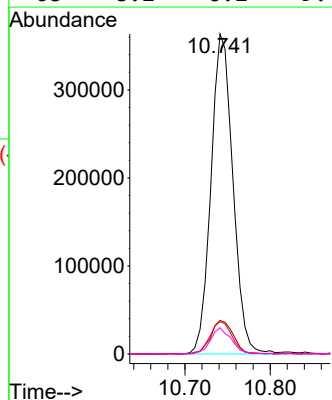
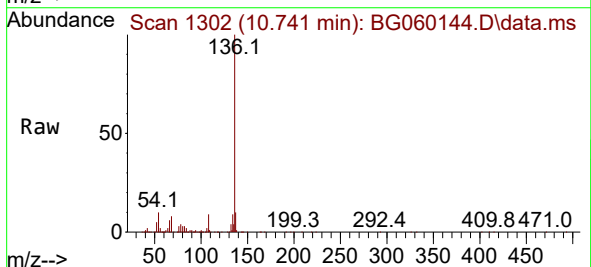
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

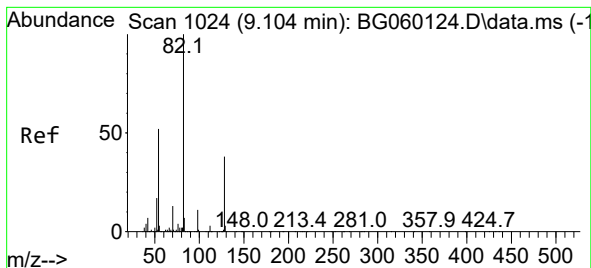
Tgt Ion: 99 Resp: 1299832
Ion Ratio Lower Upper
99 100
42 16.8 15.2 22.8
71 29.4 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1302
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion: 136 Resp: 649845
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 10.1 8.7 13.1
68 8.2 6.2 9.4





#23

Nitrobenzene-d5

Concen: 49.964 ng

RT: 9.102 min Scan# 1024

Delta R.T. -0.002 min

Lab File: BG060144.D

Acq: 22 Dec 2023 18:52

Instrument :

BNA_G

ClientSampleId :

GHL-SS-27

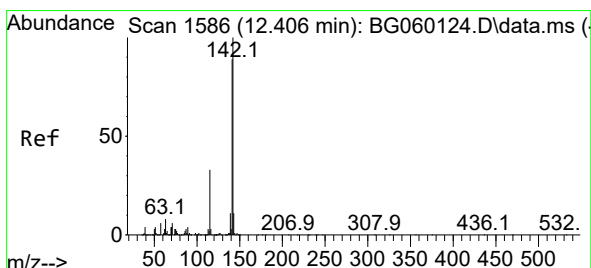
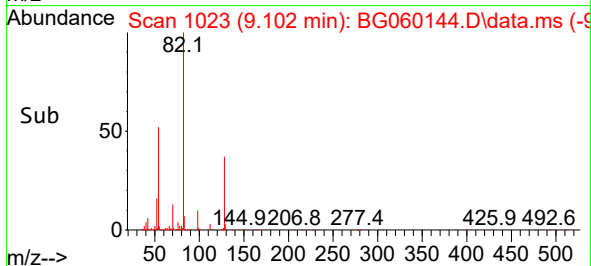
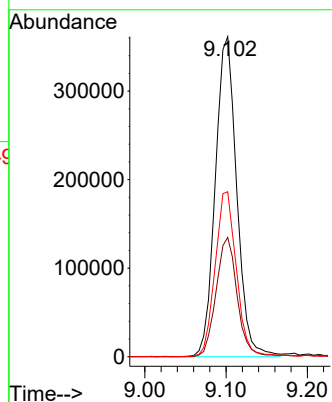
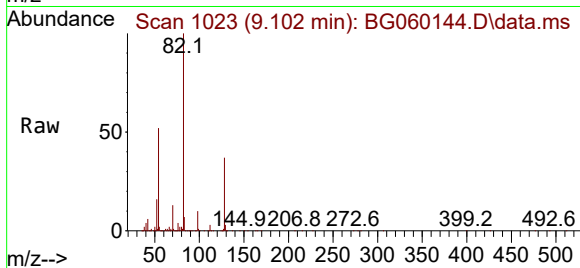
Tgt Ion: 82 Resp: 662806

Ion Ratio Lower Upper

82 100

128 37.3 30.5 45.7

54 51.5 41.9 62.9



#37

2-Methylnaphthalene

Concen: 2.095 ng

RT: 12.398 min Scan# 1584

Delta R.T. -0.008 min

Lab File: BG060144.D

Acq: 22 Dec 2023 18:52

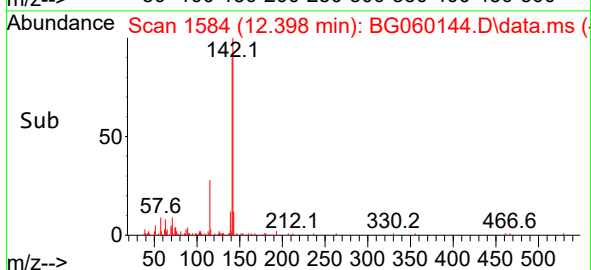
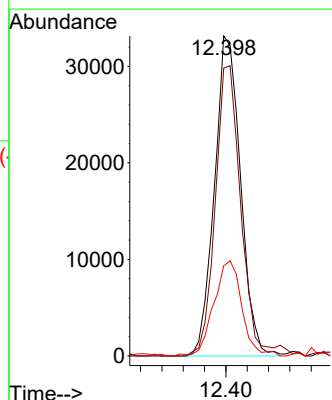
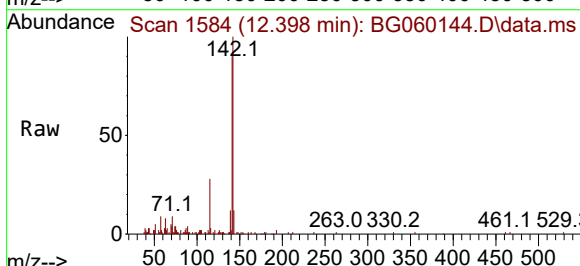
Tgt Ion:142 Resp: 56253

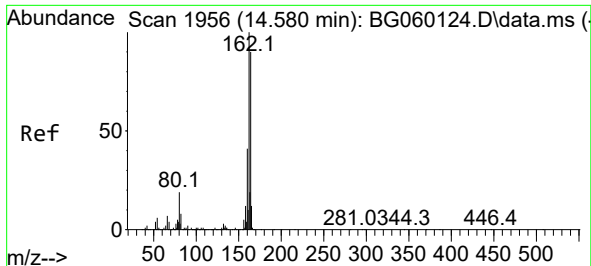
Ion Ratio Lower Upper

142 100

141 90.0 71.5 107.3

115 28.2 26.1 39.1

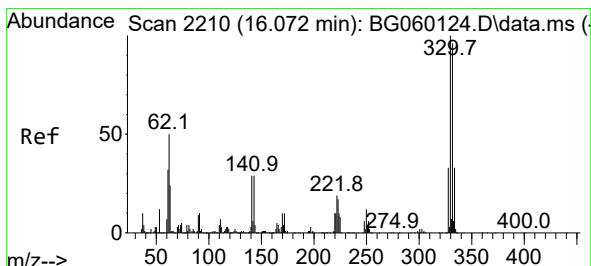
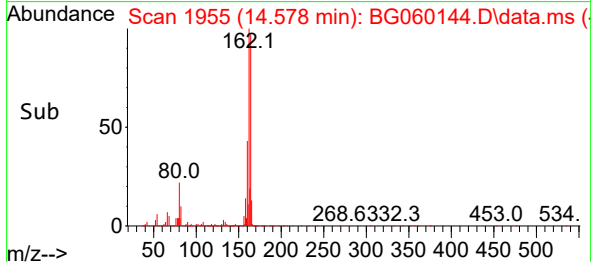
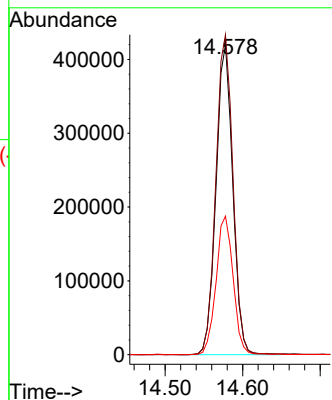
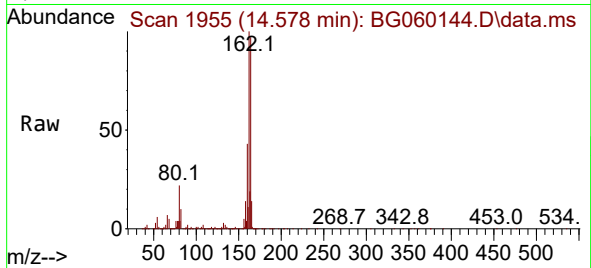




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

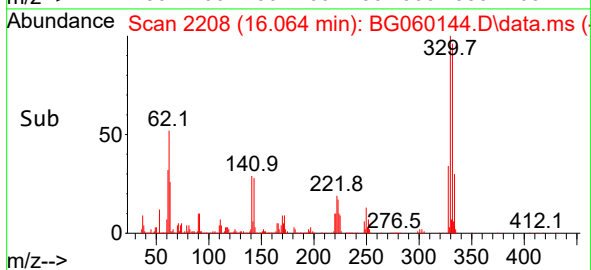
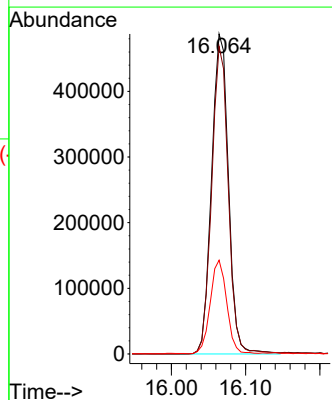
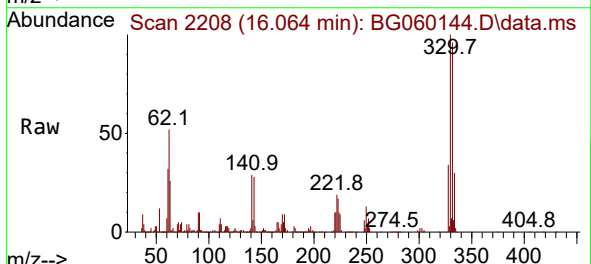
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

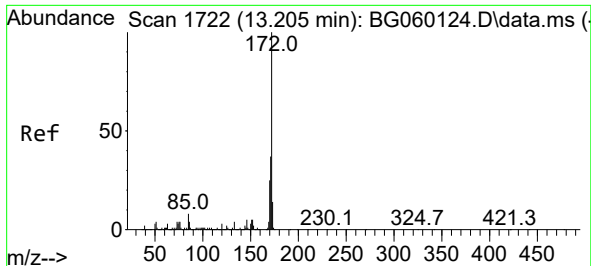
Tgt Ion:164 Resp: 629945
Ion Ratio Lower Upper
164 100
162 103.1 88.5 132.7
160 44.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 90.924 ng
RT: 16.064 min Scan# 2208
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion:330 Resp: 771196
Ion Ratio Lower Upper
330 100
332 94.5 75.5 113.3
141 28.5 24.7 37.1

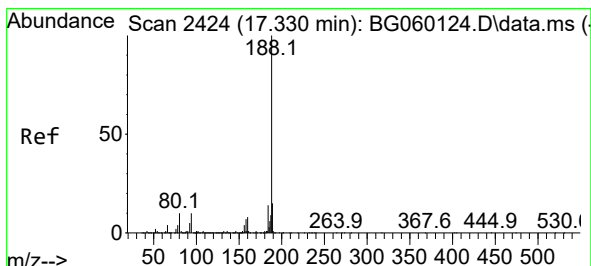
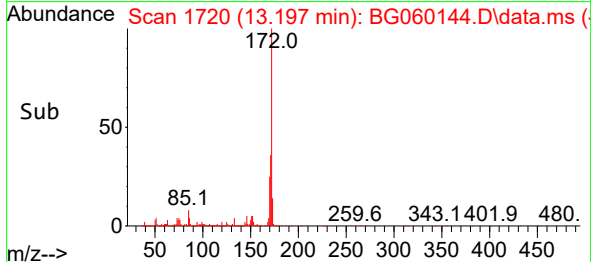
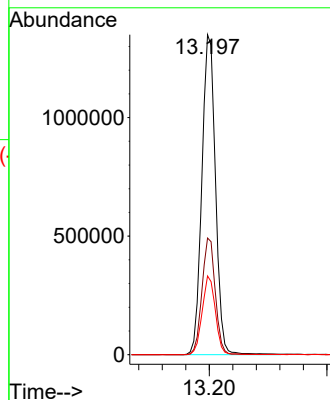
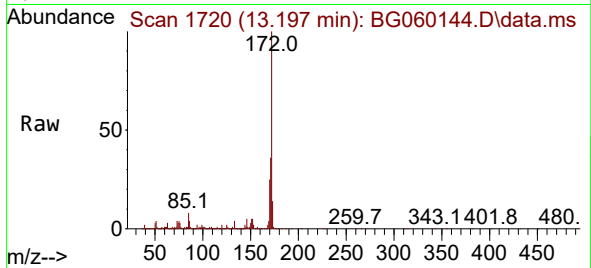




#45
2-Fluorobiphenyl
Concen: 51.779 ng
RT: 13.197 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

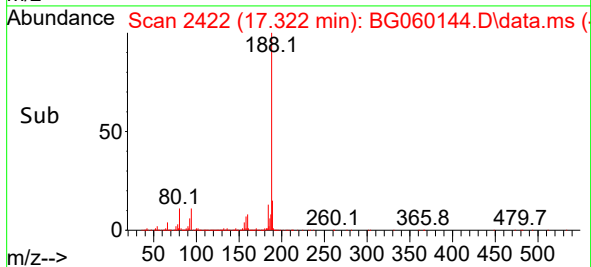
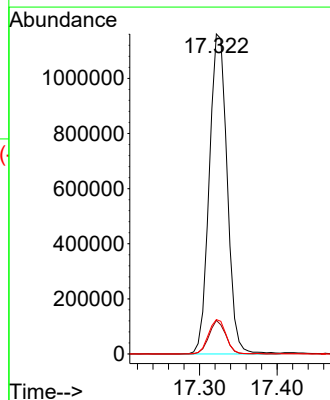
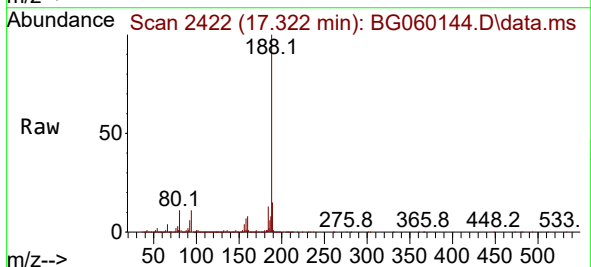
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

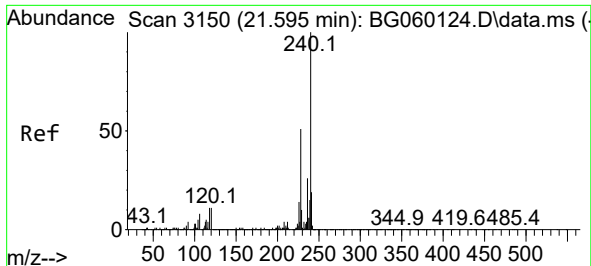
Tgt Ion:172 Resp: 2172287
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.6 20.1 30.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2422
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion:188 Resp: 1867972
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 10.7 7.9 11.9

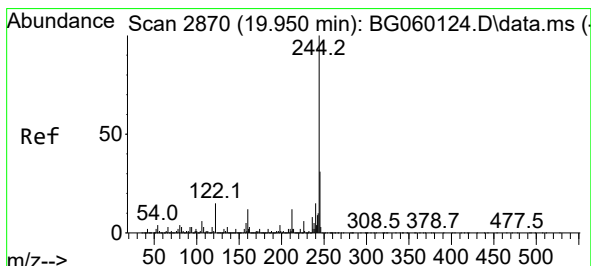
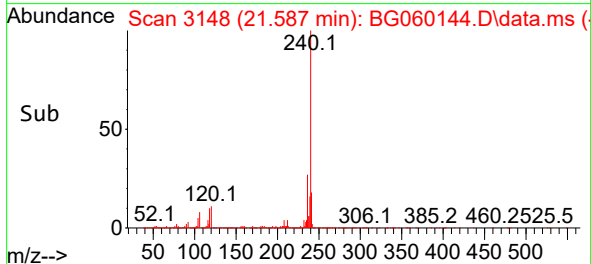
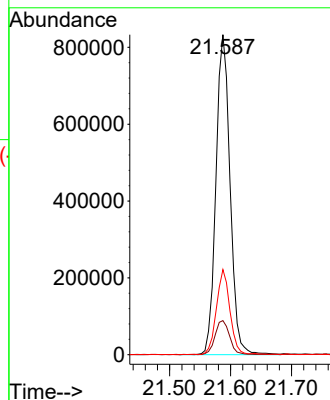
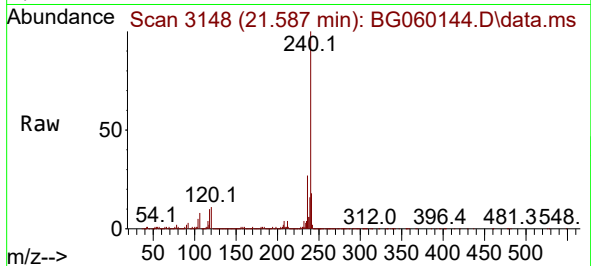




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

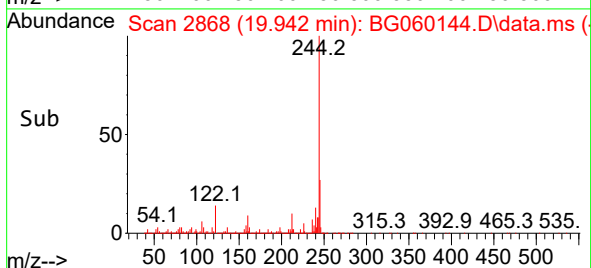
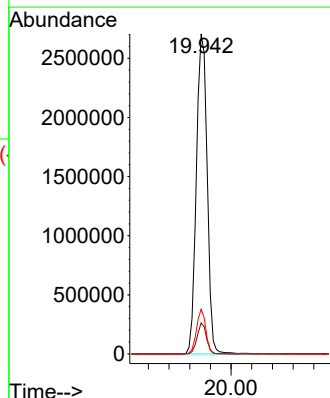
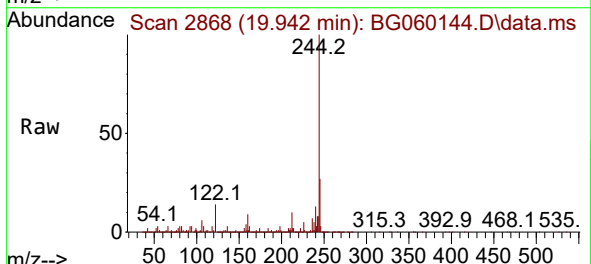
Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

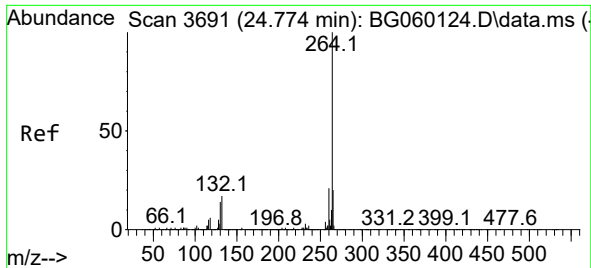
Tgt Ion:240 Resp: 1345005
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 26.6 20.4 30.6



#79
Terphenyl-d14
Concen: 52.853 ng
RT: 19.942 min Scan# 2868
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Tgt Ion:244 Resp: 3928515
Ion Ratio Lower Upper
244 100
212 9.7 9.5 14.3
122 14.0 12.2 18.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.766 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG060144.D
Acq: 22 Dec 2023 18:52

Instrument :
BNA_G
ClientSampleId :
GHL-SS-27

Tgt Ion:264 Resp: 1443298

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.1	25.7
265	20.6	16.0	24.0

