

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060143.D
 Acq On : 22 Dec 2023 18:12
 Operator : MA/JU
 Sample : 05897-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-26

Quant Time: Dec 23 05:46:18 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	7.942	152	147985	20.000	ng	# 0.00
21) Naphthalene-d8	10.744	136	739779	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	706069	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1962225	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1407273	20.000	ng	0.00
86) Perylene-d12	24.763	264	1465052	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	1166235	124.178	ng	0.00
7) Phenol-d6	7.101	99	1908286	120.734	ng	0.00
23) Nitrobenzene-d5	9.099	82	1042552	69.037	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1118929	117.699	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	2943253	62.592	ng	0.00
79) Terphenyl-d14	19.945	244	4796537	61.676	ng	0.00

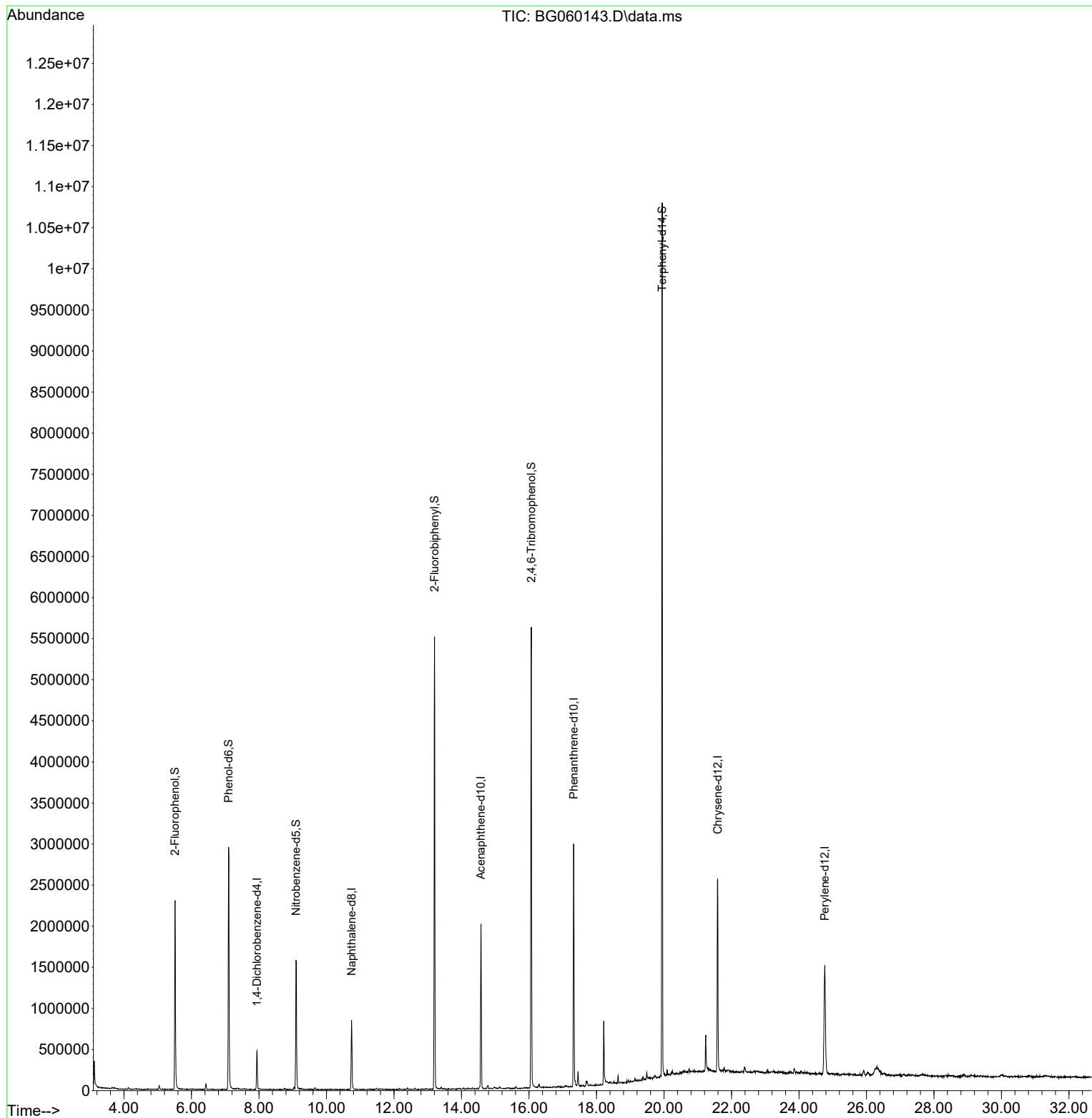
Target Compounds	Qvalue

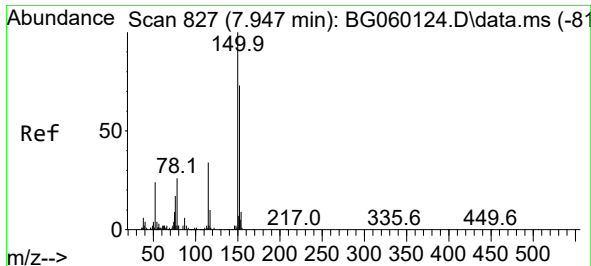
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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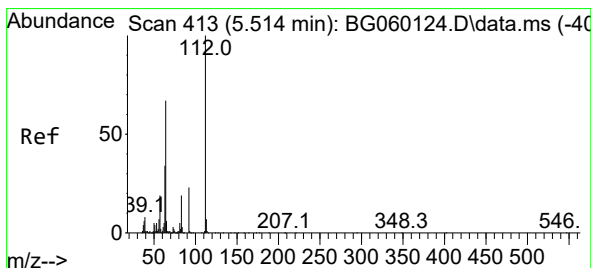
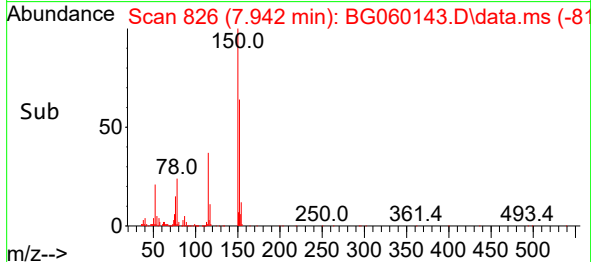
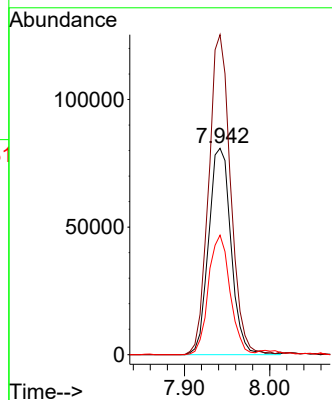
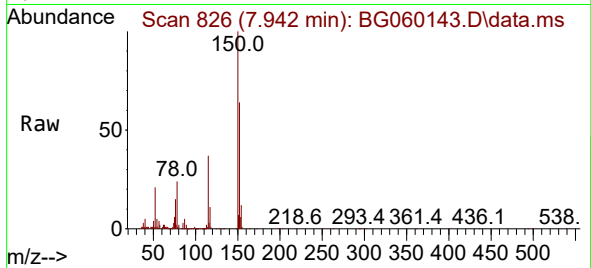




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060143.D
Acq: 22 Dec 2023 18:12

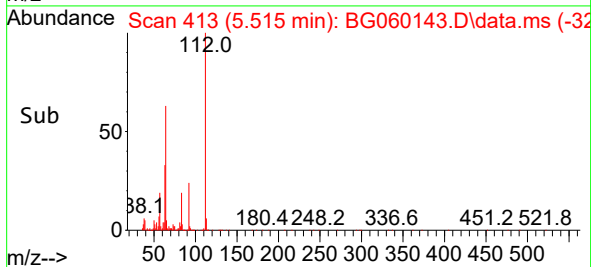
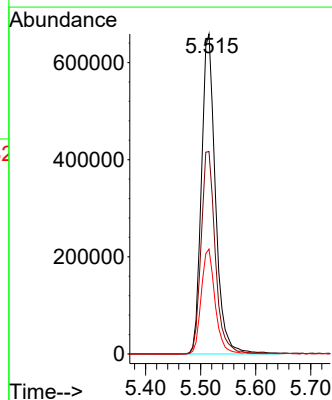
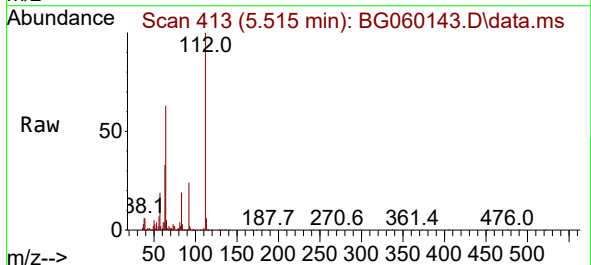
Instrument :
BNA_G
ClientSampleId :
GHL-SS-26

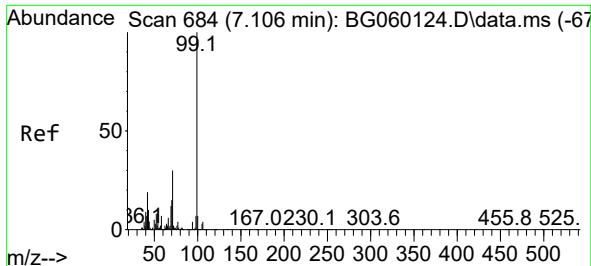
Tgt Ion:152 Resp: 147985
Ion Ratio Lower Upper
152 100
150 155.1 109.4 164.0
115 58.0 36.5 54.7#



#5
2-Fluorophenol
Concen: 124.178 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.001 min
Lab File: BG060143.D
Acq: 22 Dec 2023 18:12

Tgt Ion:112 Resp: 1166235
Ion Ratio Lower Upper
112 100
64 63.3 53.3 79.9
63 32.8 27.1 40.7

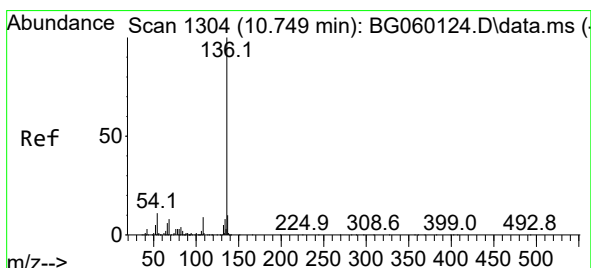
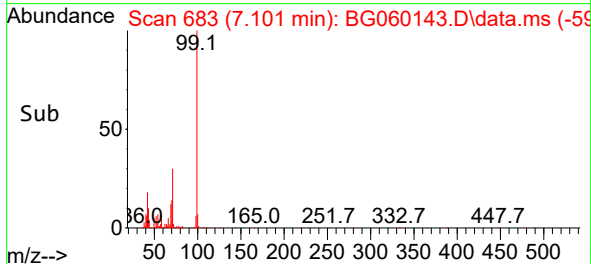
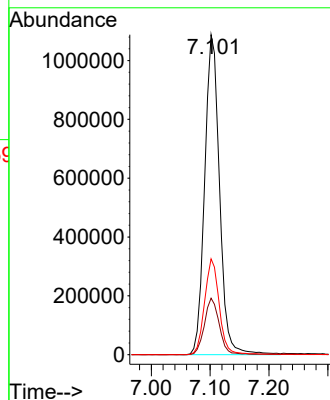
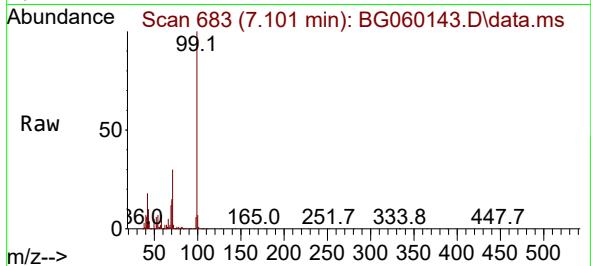




#7
Phenol-d6
Concen: 120.734 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060143.D
Acq: 22 Dec 2023 18:12

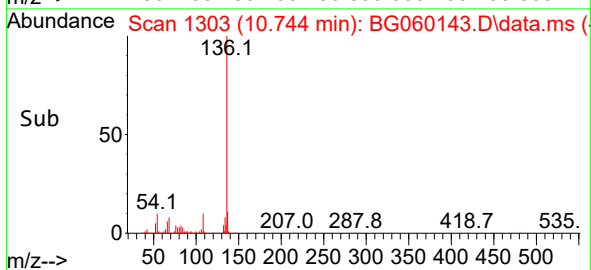
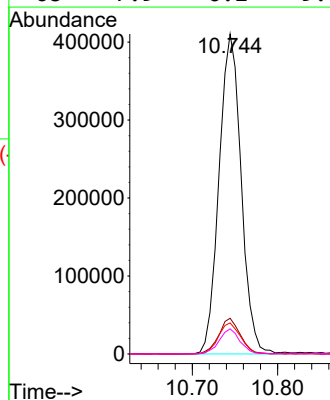
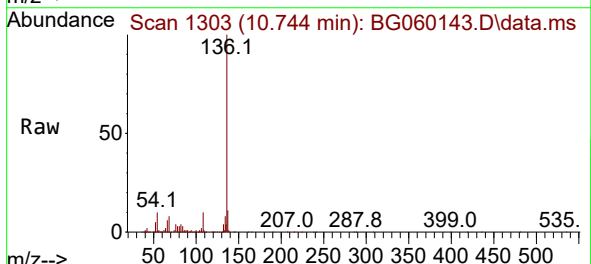
Instrument :
BNA_G
ClientSampleId :
GHL-SS-26

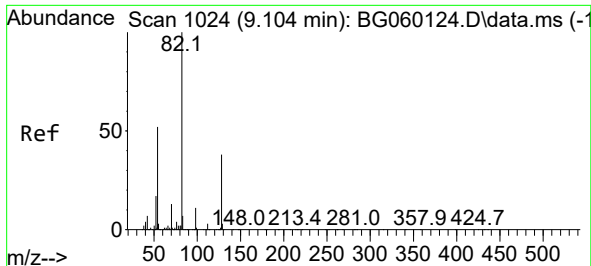
Tgt Ion: 99 Resp: 1908286
Ion Ratio Lower Upper
99 100
42 17.7 15.2 22.8
71 30.0 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG060143.D
Acq: 22 Dec 2023 18:12

Tgt Ion:136 Resp: 739779
Ion Ratio Lower Upper
136 100
137 11.2 8.1 12.1
54 9.7 8.7 13.1
68 7.9 6.2 9.4

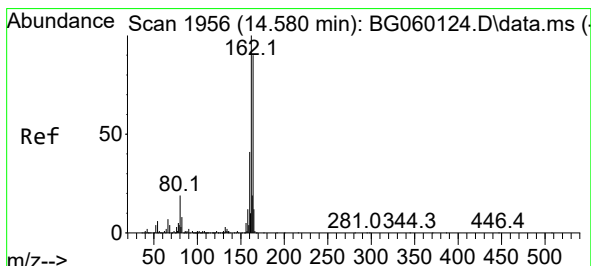
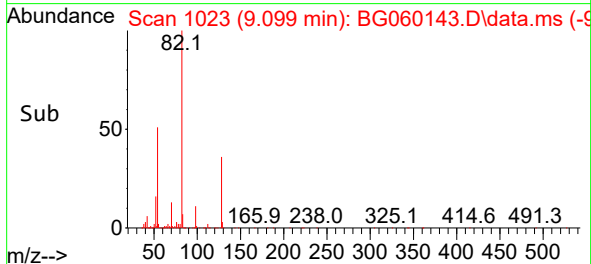
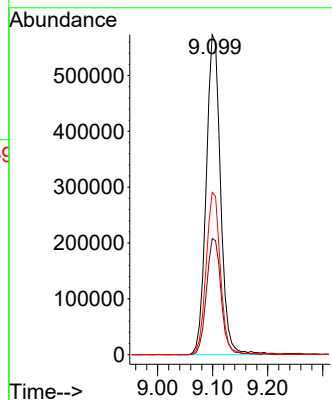
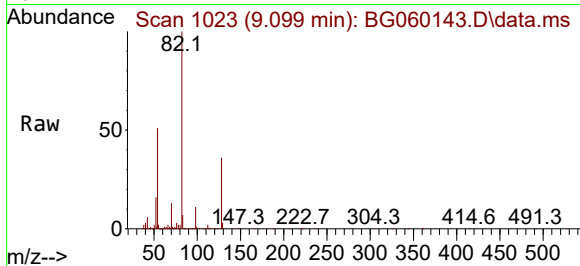




#23
Nitrobenzene-d5
Concen: 69.037 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG060143.D
Acq: 22 Dec 2023 18:12

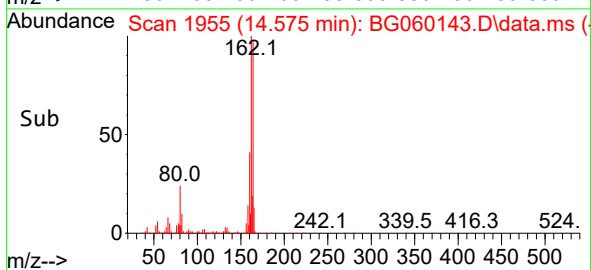
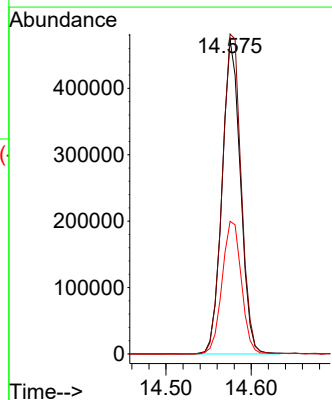
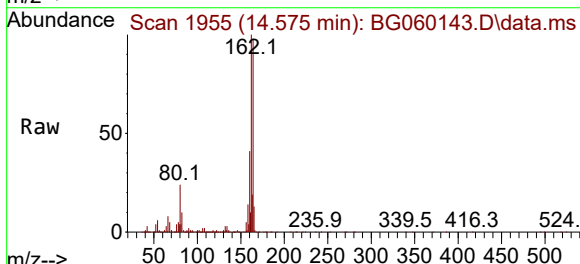
Instrument :
BNA_G
ClientSampleId :
GHL-SS-26

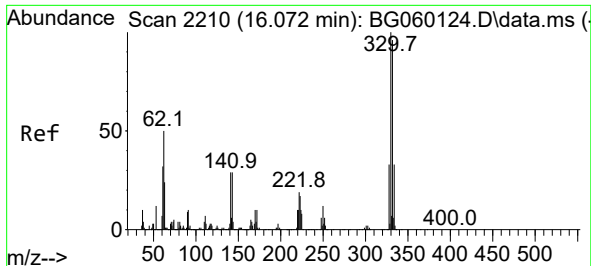
Tgt Ion: 82 Resp: 1042552
Ion Ratio Lower Upper
82 100
128 36.3 30.5 45.7
54 50.7 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG060143.D
Acq: 22 Dec 2023 18:12

Tgt Ion:164 Resp: 706069
Ion Ratio Lower Upper
164 100
162 101.9 88.5 132.7
160 42.3 36.2 54.2

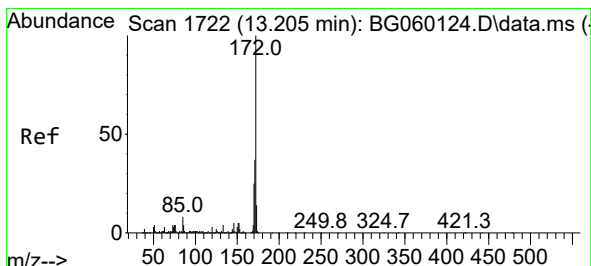
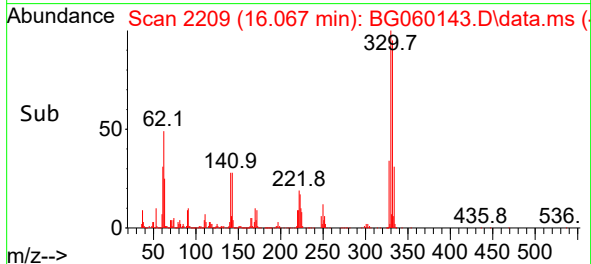
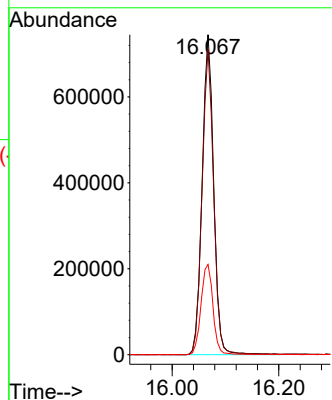
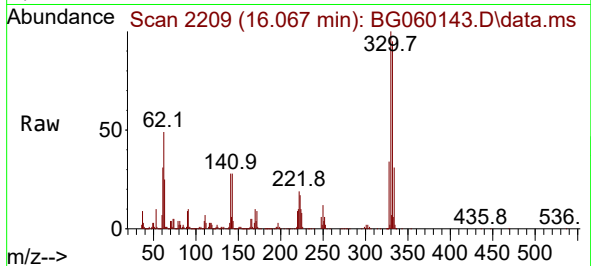




#42
2,4,6-Tribromophenol
Concen: 117.699 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060143.D
Acq: 22 Dec 2023 18:12

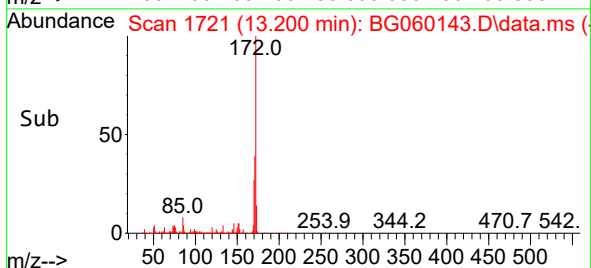
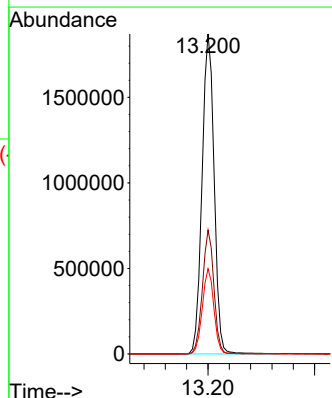
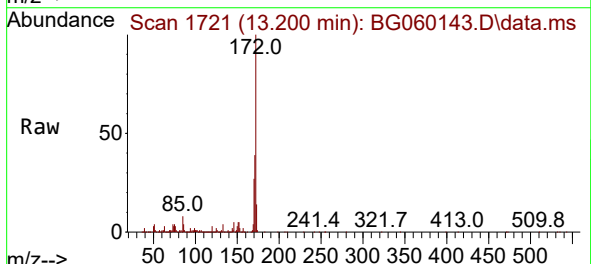
Instrument :
BNA_G
ClientSampleId :
GHL-SS-26

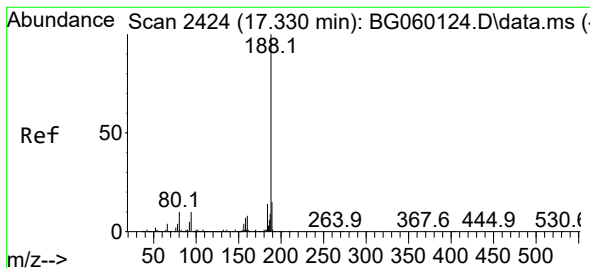
Tgt Ion:330 Resp: 1118929
Ion Ratio Lower Upper
330 100
332 95.3 75.5 113.3
141 29.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 62.592 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.005 min
Lab File: BG060143.D
Acq: 22 Dec 2023 18:12

Tgt Ion:172 Resp: 2943253
Ion Ratio Lower Upper
172 100
171 38.7 29.2 43.8
170 26.7 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG060143.D

Acq: 22 Dec 2023 18:12

Instrument :

BNA_G

ClientSampleId :

GHL-SS-26

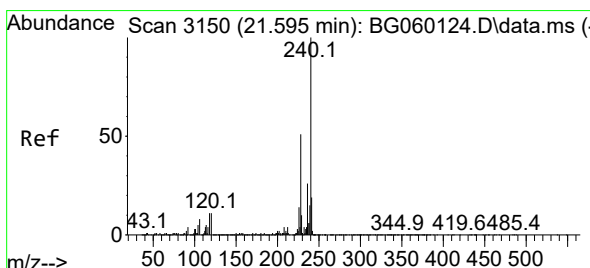
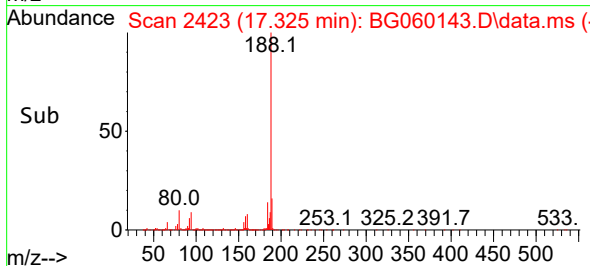
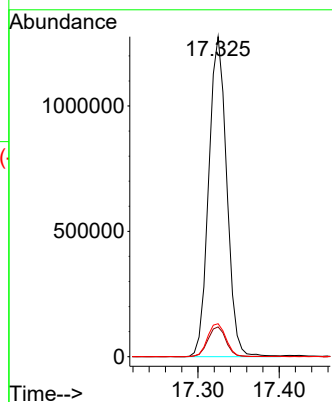
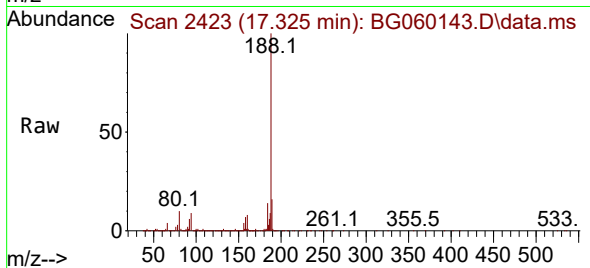
Tgt Ion:188 Resp: 1962225

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.3 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3149

Delta R.T. -0.005 min

Lab File: BG060143.D

Acq: 22 Dec 2023 18:12

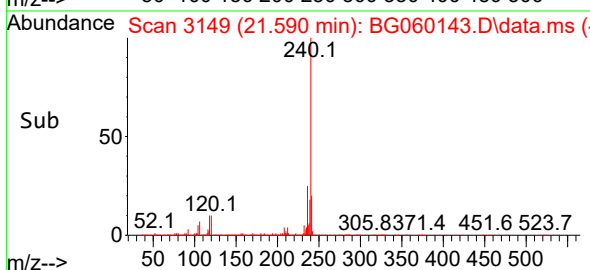
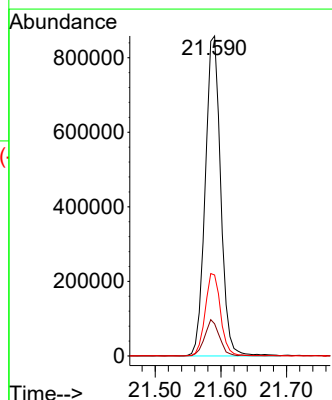
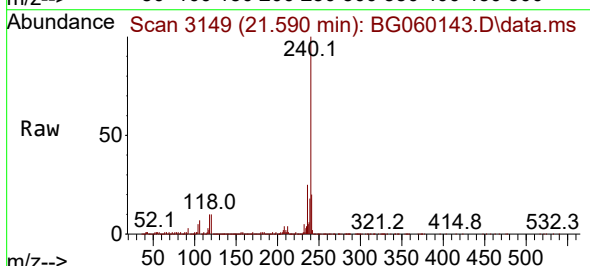
Tgt Ion:240 Resp: 1407273

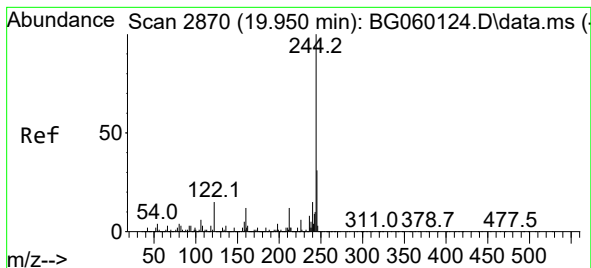
Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.6

236 25.3 20.4 30.6





#79

Terphenyl-d14

Concen: 61.676 ng

RT: 19.945 min Scan# 2869

Delta R.T. -0.005 min

Lab File: BG060143.D

Acq: 22 Dec 2023 18:12

Instrument :

BNA_G

ClientSampleId :

GHL-SS-26

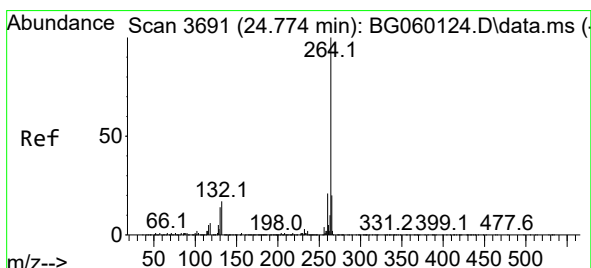
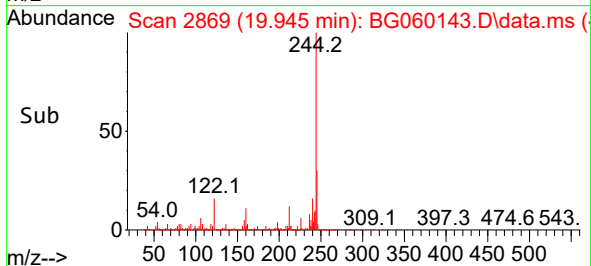
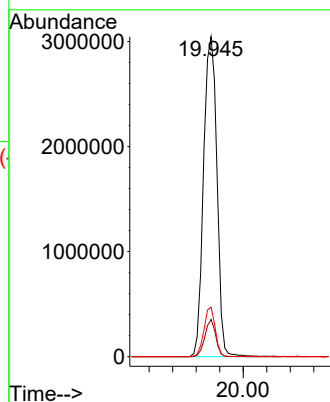
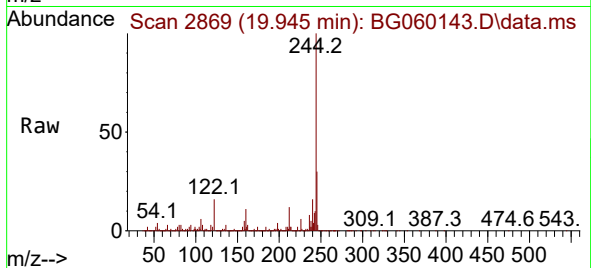
Tgt Ion:244 Resp: 4796537

Ion Ratio Lower Upper

244 100

212 11.7 9.5 14.3

122 15.5 12.2 18.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.763 min Scan# 3689

Delta R.T. -0.011 min

Lab File: BG060143.D

Acq: 22 Dec 2023 18:12

Tgt Ion:264 Resp: 1465052

Ion Ratio Lower Upper

264 100

260 22.7 17.1 25.7

265 22.0 16.0 24.0

