

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060192.D
 Acq On : 2 Jan 2024 13:09
 Operator : MA/JU
 Sample : 05898-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-69a

Quant Time: Jan 02 13:52:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	170816	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	742790	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	612221	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1723469	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1564823	20.000	ng	0.00
86) Perylene-d12	24.769	264	1728680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1232493	108.904	ng	0.00
7) Phenol-d6	7.101	99	1713401	101.967	ng	0.00
23) Nitrobenzene-d5	9.099	82	925822	57.572	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	801381	97.786	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	2567201	60.266	ng	0.00
79) Terphenyl-d14	19.945	244	4349851	53.441	ng	0.00

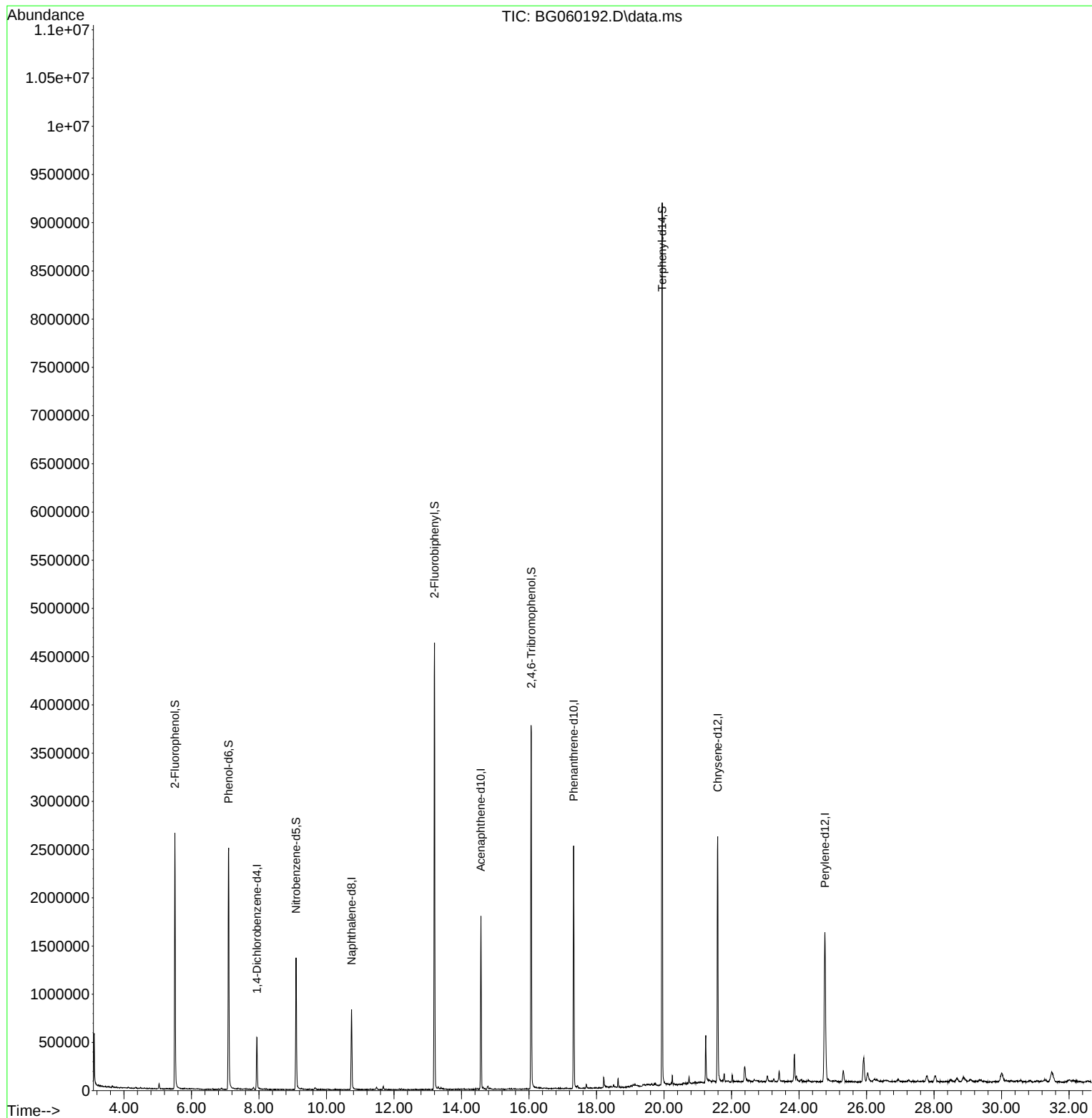
Target Compounds	Qvalue

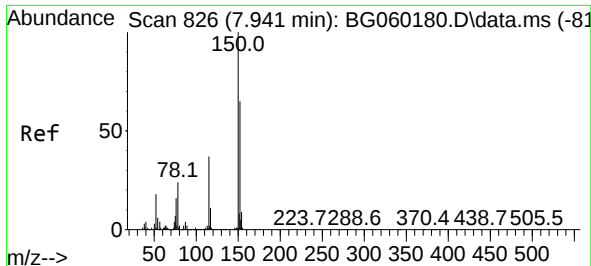
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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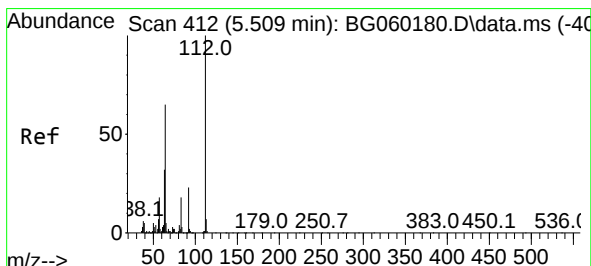
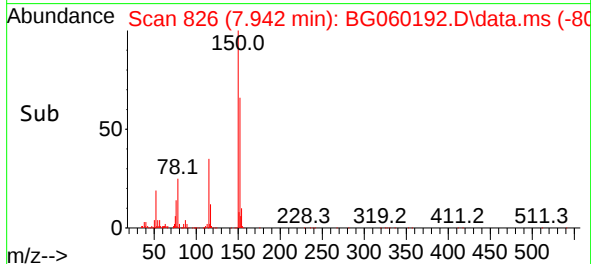
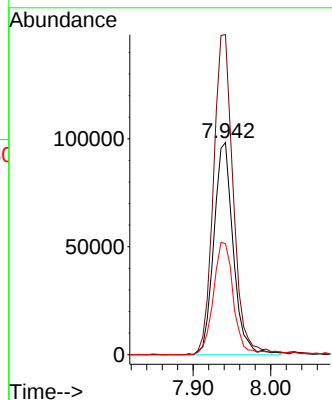
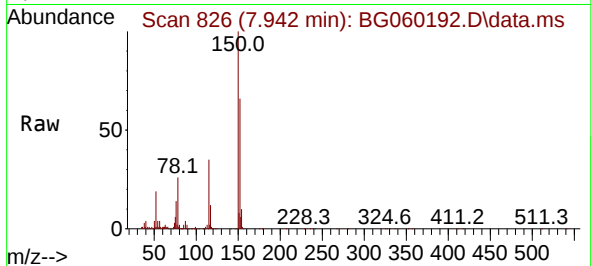




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

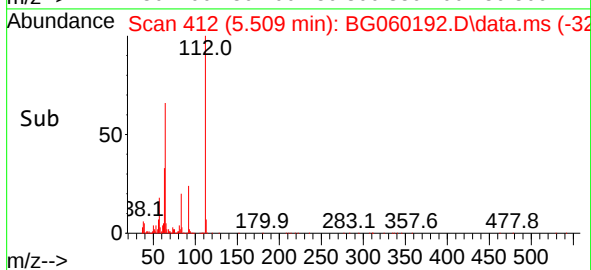
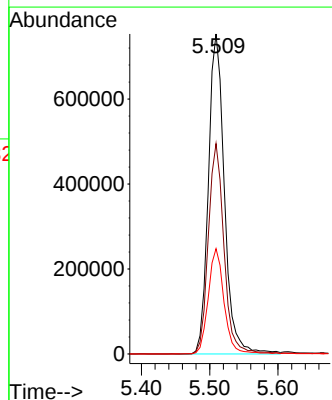
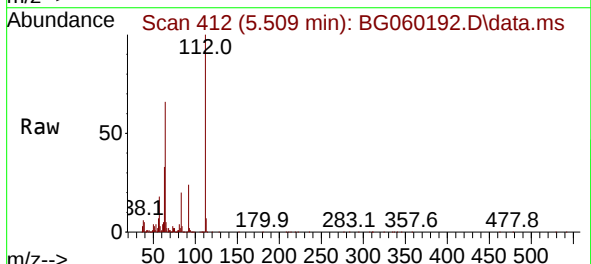
Instrument :
BNA_G
ClientSampleId :
GHL-SS-69a

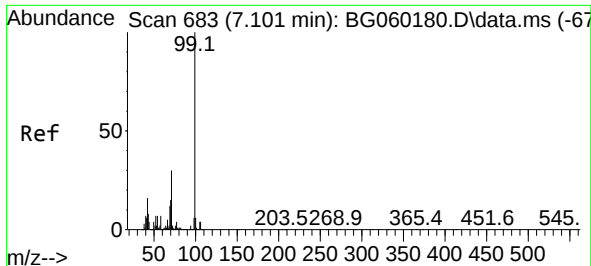
Tgt Ion:152 Resp: 170816
Ion Ratio Lower Upper
152 100
150 150.8 123.4 185.0
115 52.3 45.4 68.0



#5
2-Fluorophenol
Concen: 108.904 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.000 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Tgt Ion:112 Resp: 1232493
Ion Ratio Lower Upper
112 100
64 65.8 52.2 78.4
63 32.9 25.4 38.0



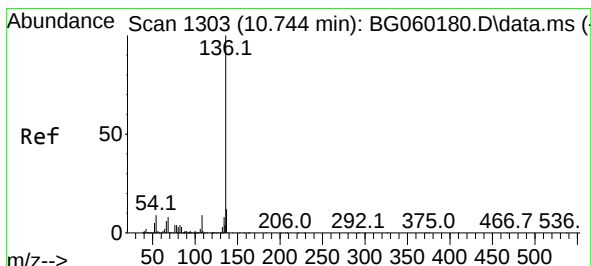
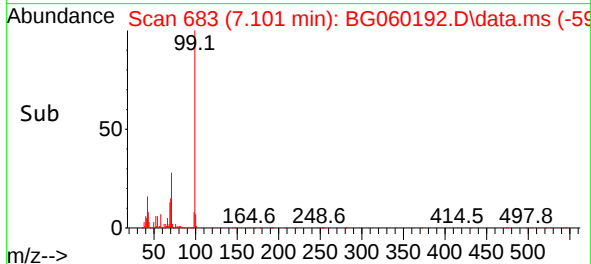
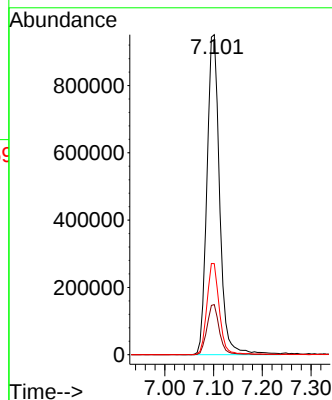
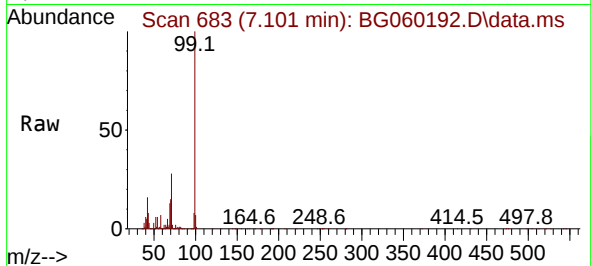


#7
Phenol-d6
Concen: 101.967 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Instrument :
BNA_G
ClientSampleId :
GHL-SS-69a

Tgt Ion: 99 Resp: 1713401

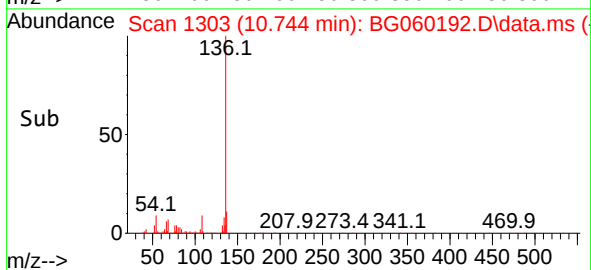
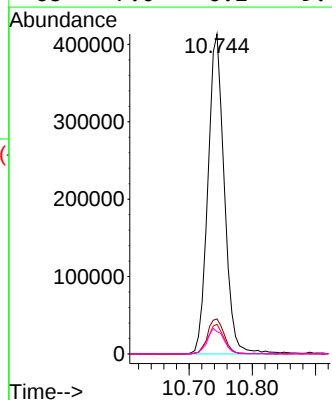
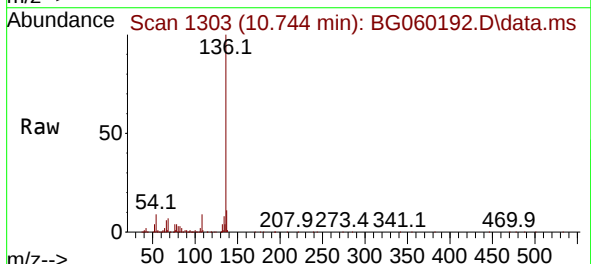
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.5	18.7
71	28.5	24.1	36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. 0.001 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Tgt Ion: 136 Resp: 742790

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	9.3	7.4	11.2
68	7.0	6.2	9.4





#23

Nitrobenzene-d5

Concen: 57.572 ng

RT: 9.099 min Scan# 1024

Delta R.T. -0.005 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

Instrument :

BNA_G

ClientSampleId :

GHL-SS-69a

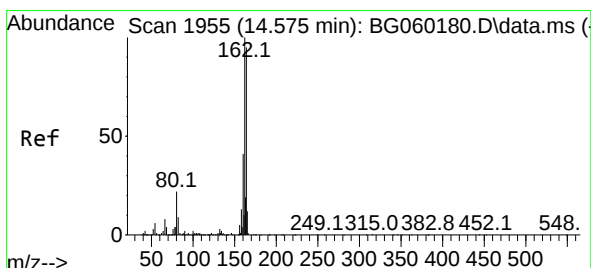
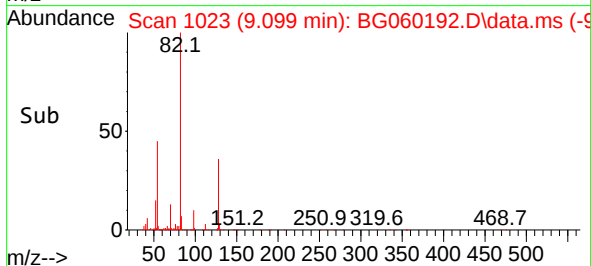
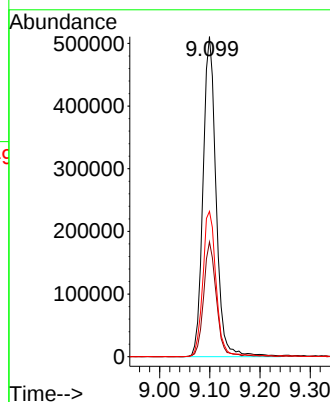
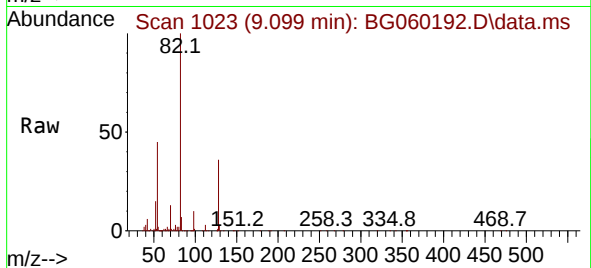
Tgt Ion: 82 Resp: 925822

Ion Ratio Lower Upper

82 100

128 35.8 28.7 43.1

54 45.4 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1955

Delta R.T. 0.001 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

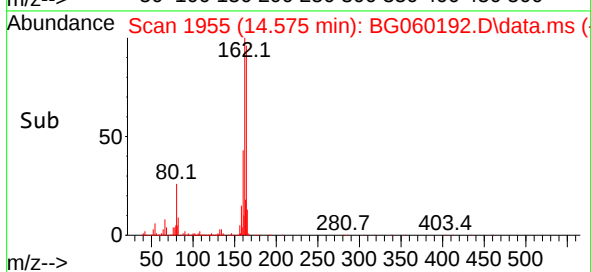
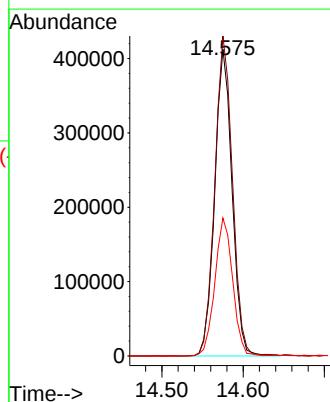
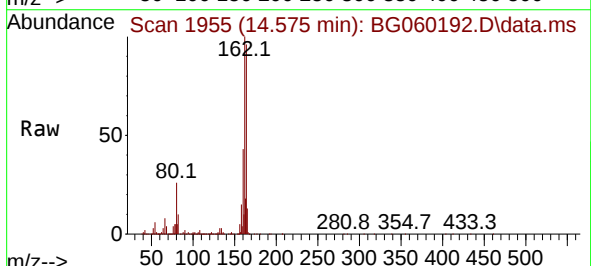
Tgt Ion:164 Resp: 612221

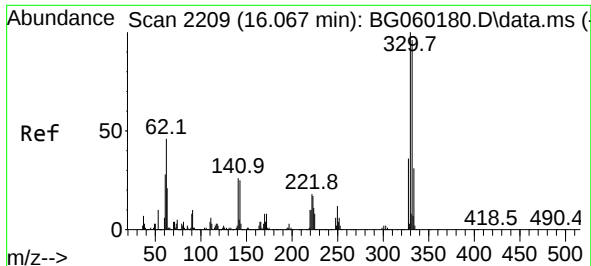
Ion Ratio Lower Upper

164 100

162 104.3 83.9 125.9

160 45.0 34.2 51.4

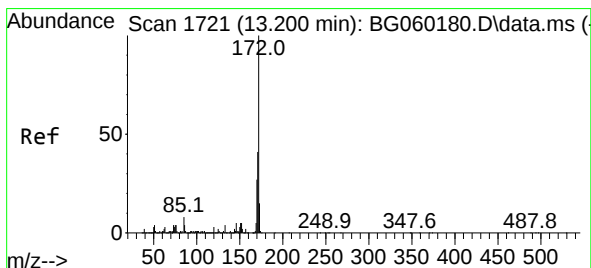
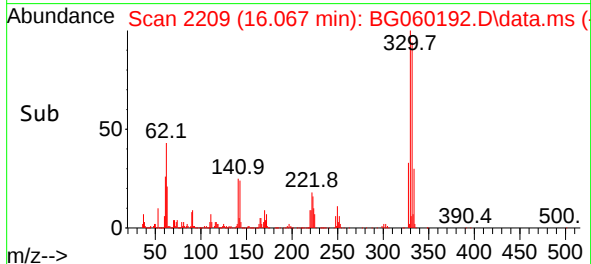
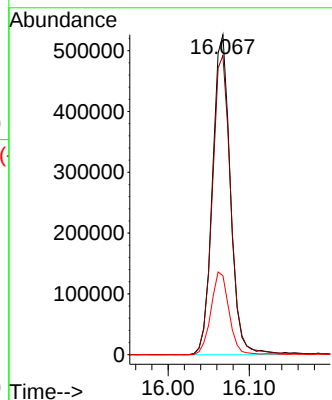
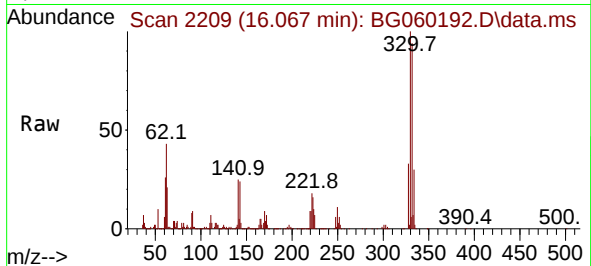




#42
2,4,6-Tribromophenol
Concen: 97.786 ng
RT: 16.067 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

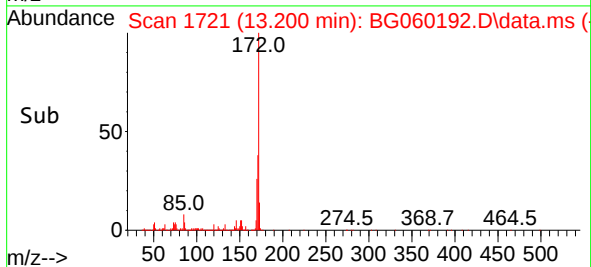
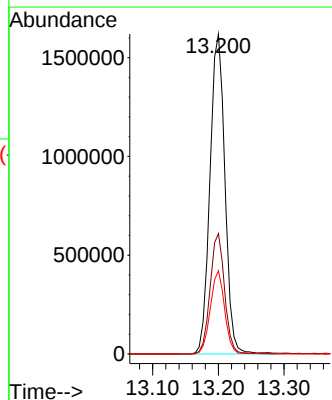
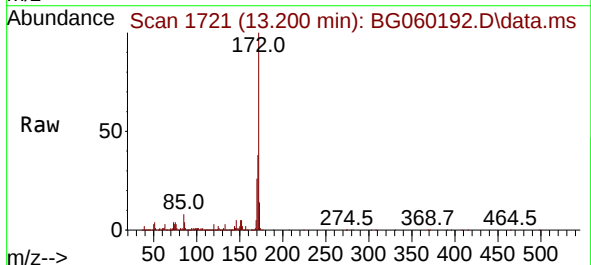
Instrument :
BNA_G
ClientSampleId :
GHL-SS-69a

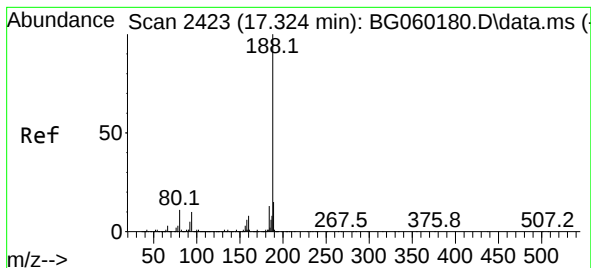
Tgt Ion:330 Resp: 801381
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 26.0 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 60.266 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BG060192.D
Acq: 2 Jan 2024 13:09

Tgt Ion:172 Resp: 2567201
Ion Ratio Lower Upper
172 100
171 37.7 32.6 48.8
170 26.0 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.325 min Scan# 24

Delta R.T. 0.001 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

Instrument :

BNA_G

ClientSampleId :

GHL-SS-69a

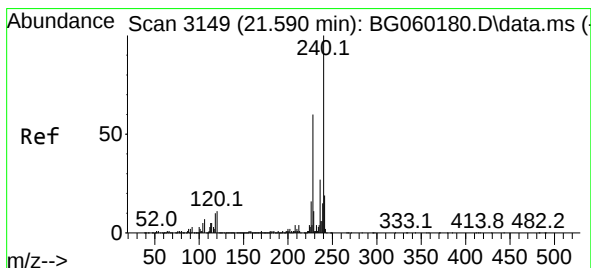
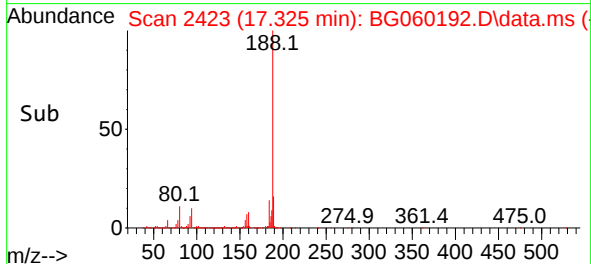
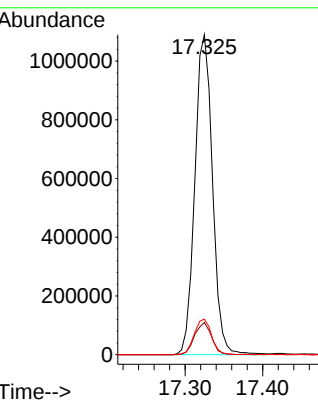
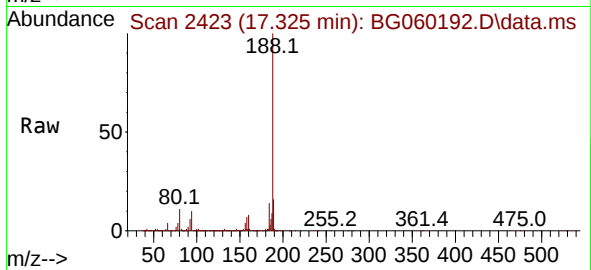
Tgt Ion:188 Resp: 1723469

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

80 11.1 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3149

Delta R.T. 0.000 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

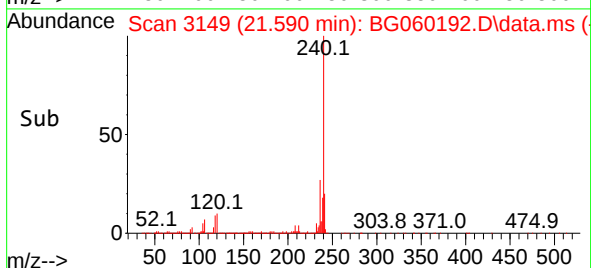
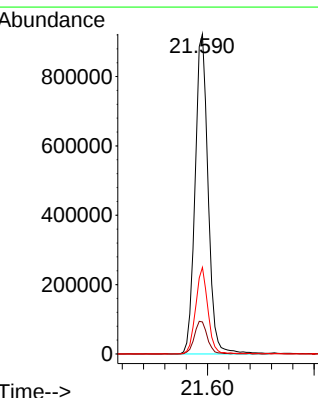
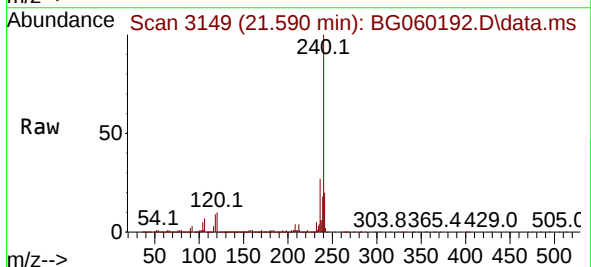
Tgt Ion:240 Resp: 1564823

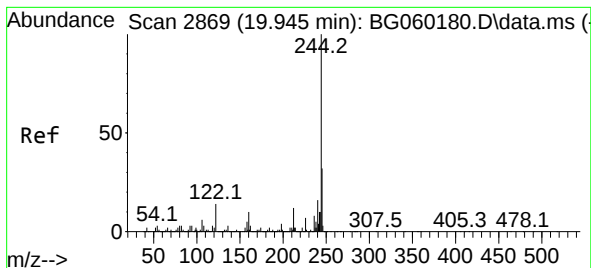
Ion Ratio Lower Upper

240 100

120 10.0 8.5 12.7

236 27.1 21.4 32.2





#79

Terphenyl-d14

Concen: 53.441 ng

RT: 19.945 min Scan# 2869

Delta R.T. 0.000 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

Instrument :

BNA_G

ClientSampleId :

GHL-SS-69a

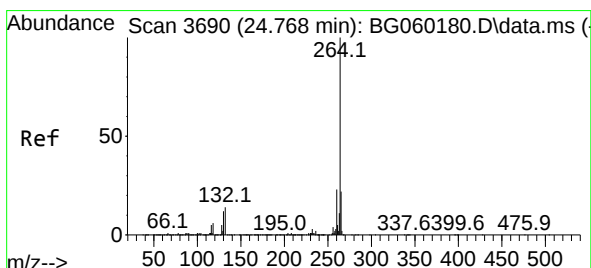
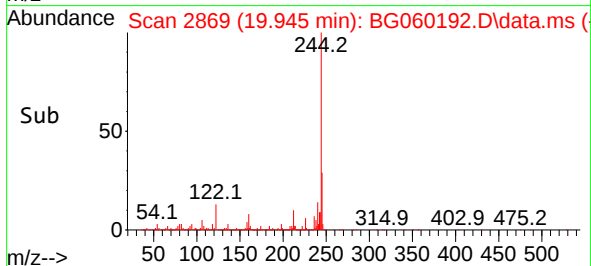
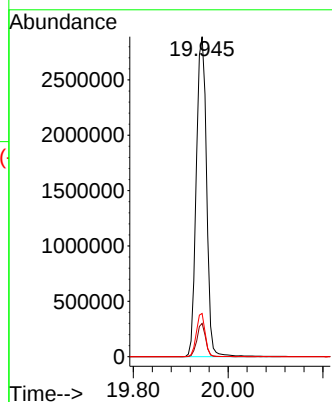
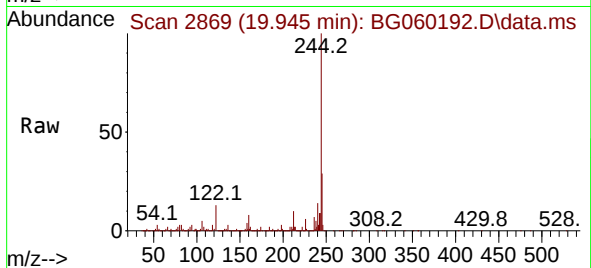
Tgt Ion:244 Resp: 4349851

Ion Ratio Lower Upper

244 100

212 10.4 9.5 14.3

122 13.5 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.769 min Scan# 3690

Delta R.T. 0.000 min

Lab File: BG060192.D

Acq: 2 Jan 2024 13:09

Tgt Ion:264 Resp: 1728680

Ion Ratio Lower Upper

264 100

260 22.7 18.0 27.0

265 20.8 17.4 26.0

