

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060410.D
 Acq On : 23 Jan 2024 19:19
 Operator : MA/JU
 Sample : P1221-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-B

Quant Time: Jan 24 03:18:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	123818	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	545139	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	526248	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	1527508	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1400384	20.000	ng	0.00
86) Perylene-d12	24.733	264	1601387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	728398	96.760	ng	0.00
7) Phenol-d6	7.089	99	1104168	99.054	ng	0.00
23) Nitrobenzene-d5	9.087	82	654828	56.721	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	878448	113.456	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	1820862	48.106	ng	0.00
79) Terphenyl-d14	19.927	244	3786886	61.403	ng	0.00

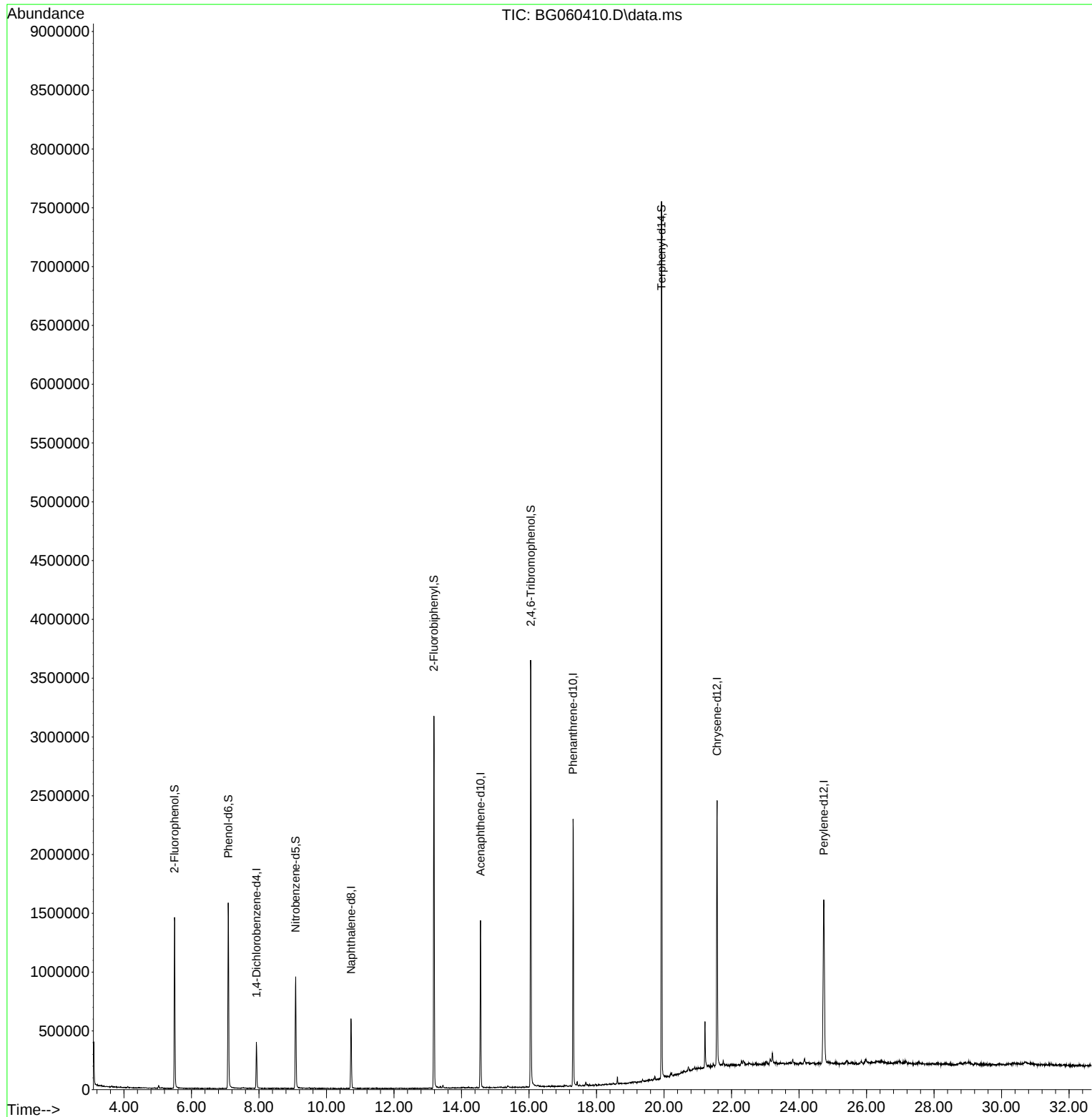
Target Compounds	Qvalue

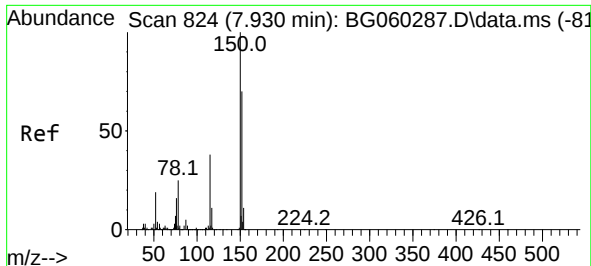
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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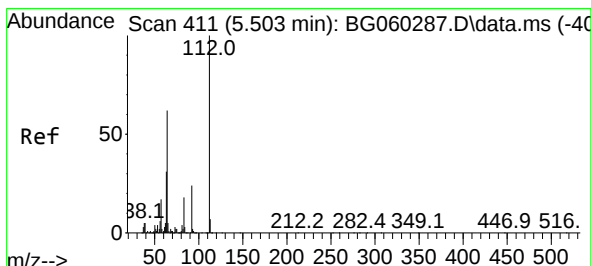
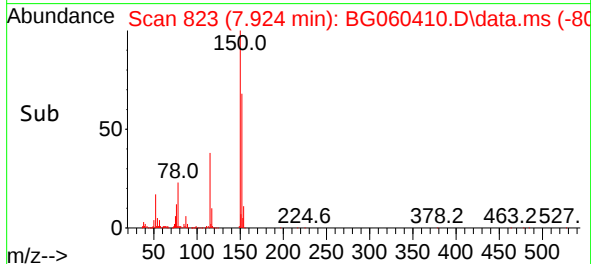
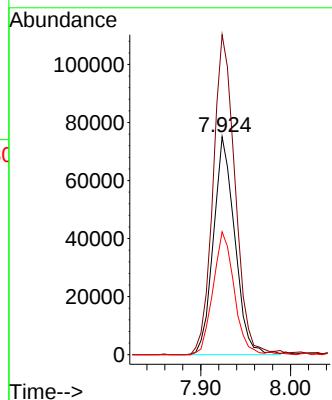
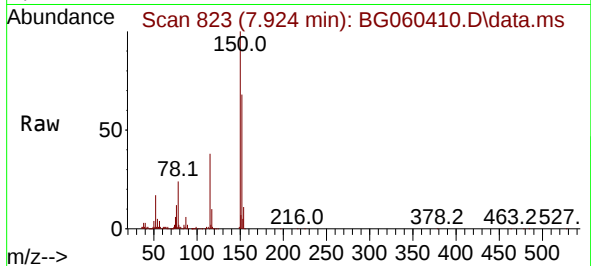




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

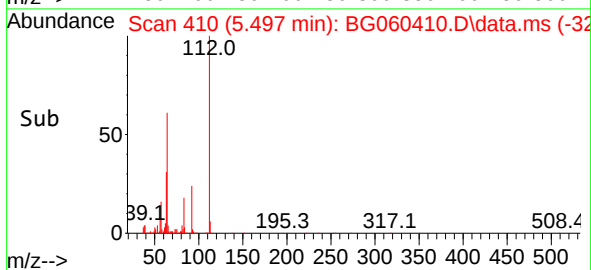
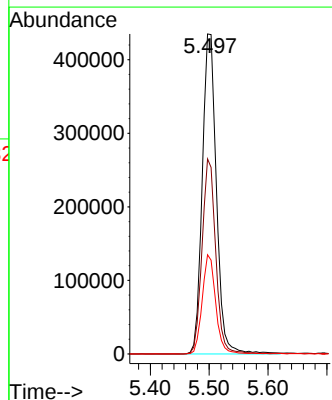
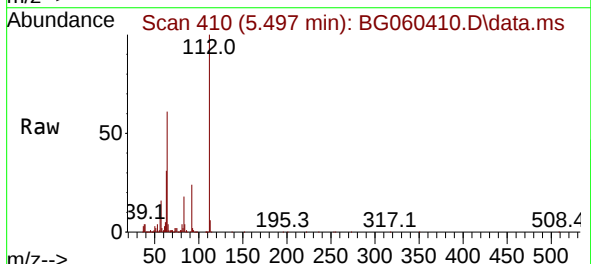
Instrument :
BNA_G
ClientSampleId :
MH-B

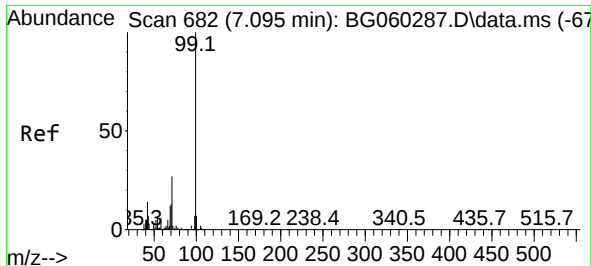
Tgt Ion:152 Resp: 123818
Ion Ratio Lower Upper
152 100
150 146.9 114.5 171.7
115 56.4 43.0 64.6



#5
2-Fluorophenol
Concen: 96.760 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:112 Resp: 728398
Ion Ratio Lower Upper
112 100
64 61.0 49.8 74.6
63 31.0 24.4 36.6



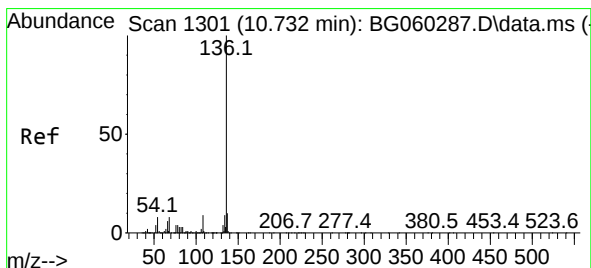
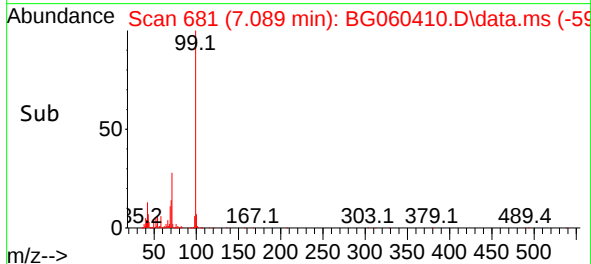
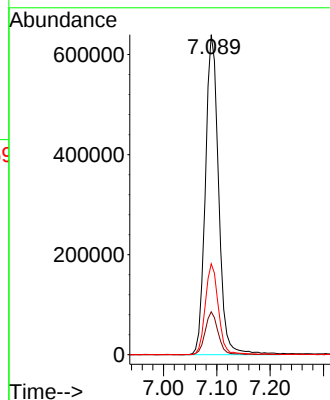
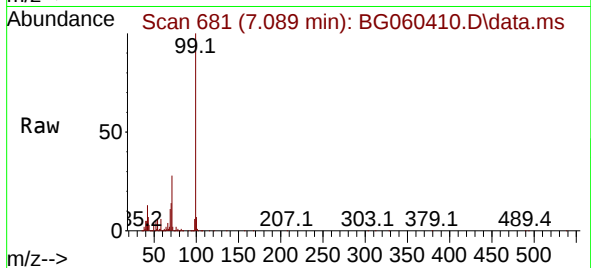


#7
Phenol-d6
Concen: 99.054 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Instrument :
BNA_G
ClientSampleId :
MH-B

Tgt Ion: 99 Resp: 1104168

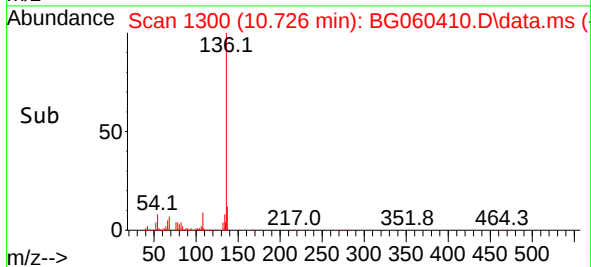
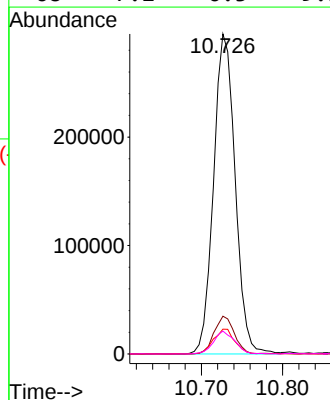
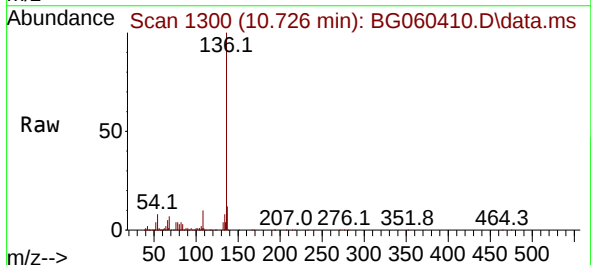
Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.9	16.3
71	28.4	21.5	32.3

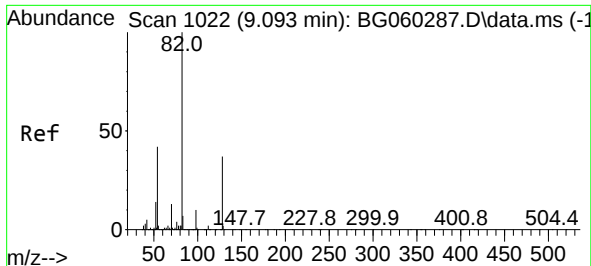


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:136 Resp: 545139

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	7.8	6.2	9.2
68	7.2	6.3	9.5

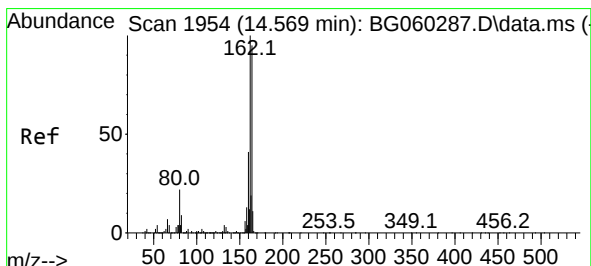
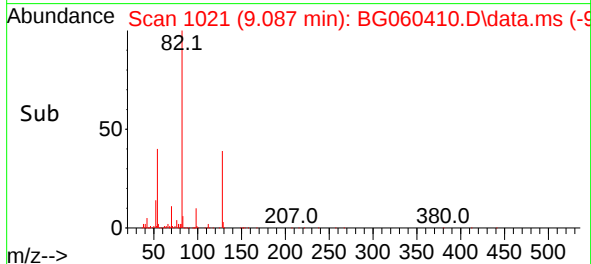
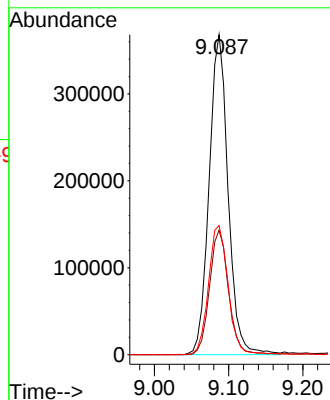
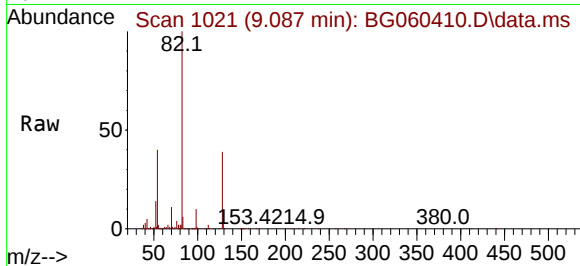




#23
Nitrobenzene-d5
Concen: 56.721 ng
RT: 9.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

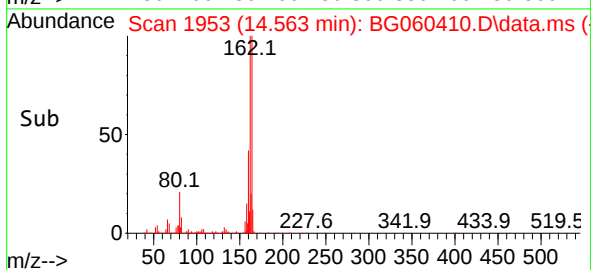
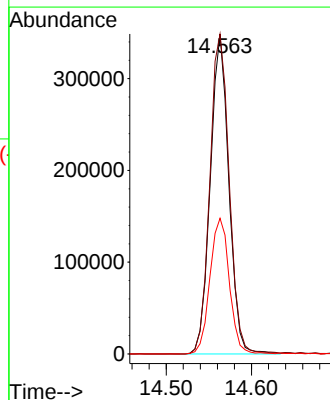
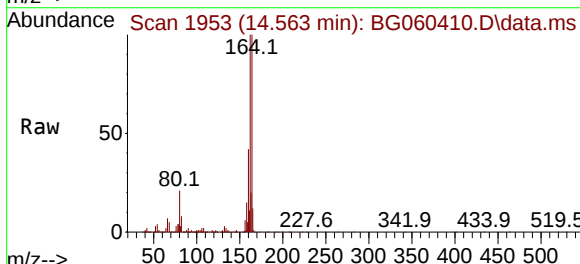
Instrument :
BNA_G
ClientSampleId :
MH-B

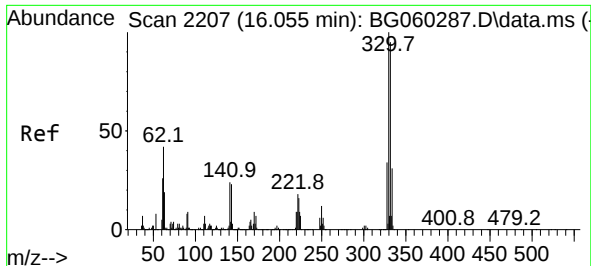
Tgt Ion: 82 Resp: 654828
Ion Ratio Lower Upper
82 100
128 38.9 29.6 44.4
54 40.4 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:164 Resp: 526248
Ion Ratio Lower Upper
164 100
162 99.9 84.4 126.6
160 42.4 34.6 52.0

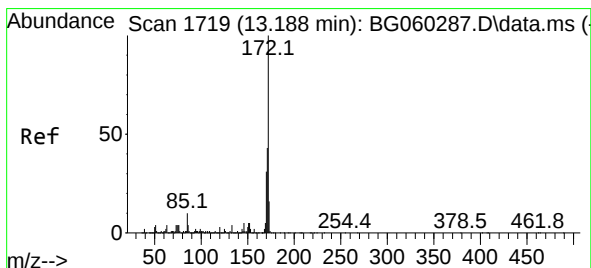
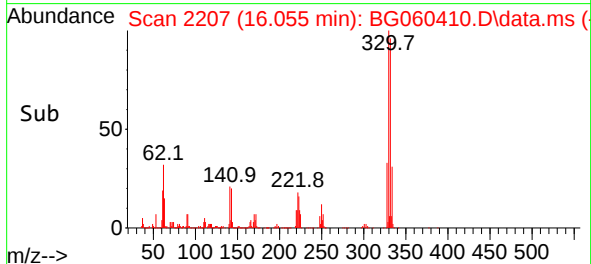
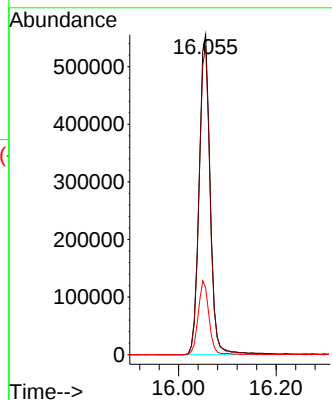
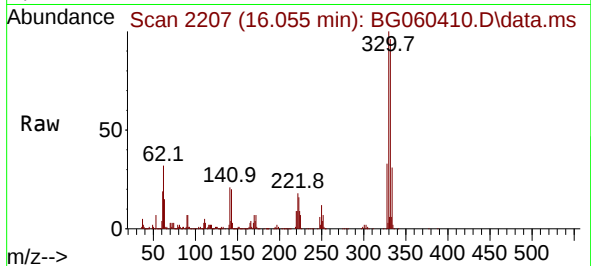




#42
2,4,6-Tribromophenol
Concen: 113.456 ng
RT: 16.055 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

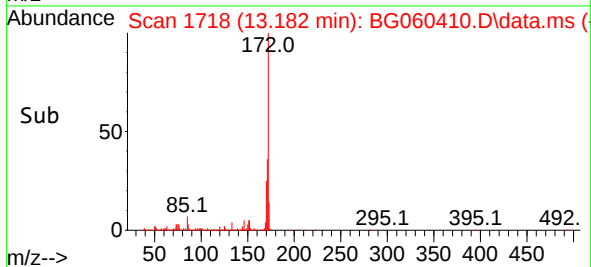
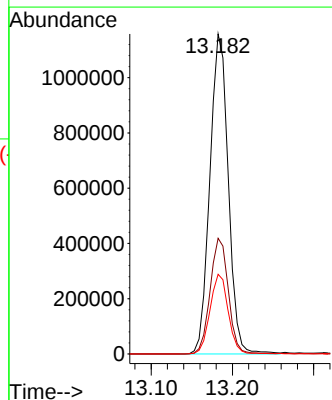
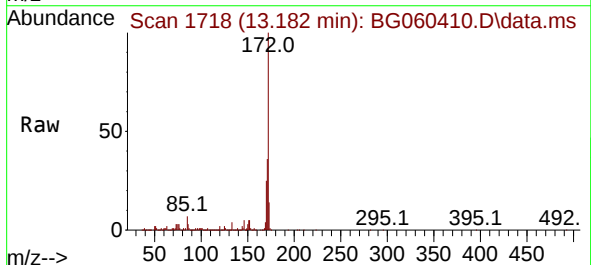
Instrument :
BNA_G
ClientSampleId :
MH-B

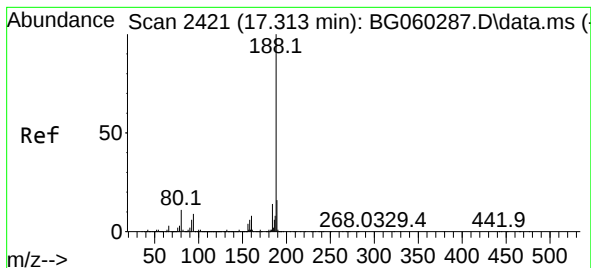
Tgt Ion:330 Resp: 878448
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 22.6 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 48.106 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG060410.D
Acq: 23 Jan 2024 19:19

Tgt Ion:172 Resp: 1820862
Ion Ratio Lower Upper
172 100
171 36.2 34.6 51.8
170 24.9 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.307 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BG060410.D

Acq: 23 Jan 2024 19:19

Instrument :

BNA_G

ClientSampleId :

MH-B

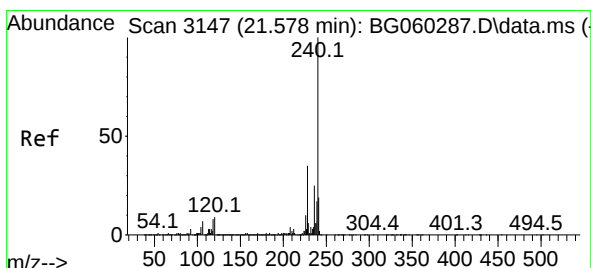
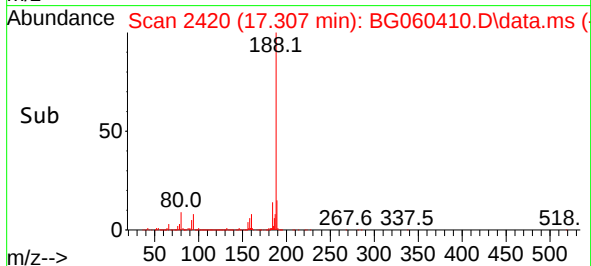
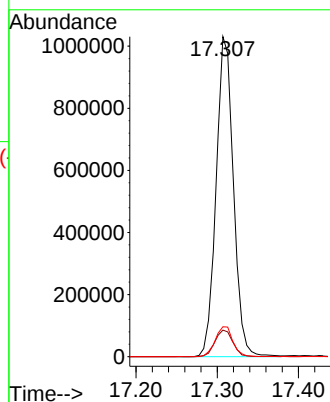
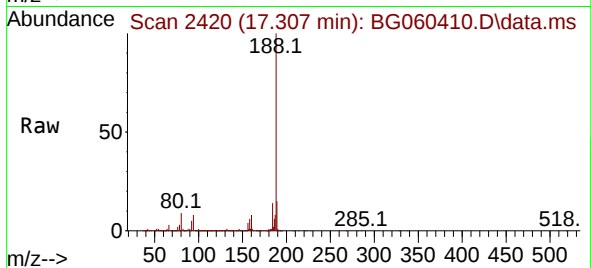
Tgt Ion:188 Resp: 1527508

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

80 9.4 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.573 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BG060410.D

Acq: 23 Jan 2024 19:19

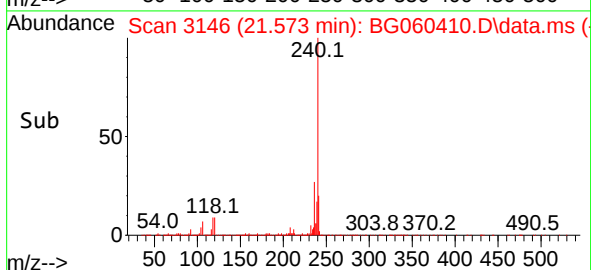
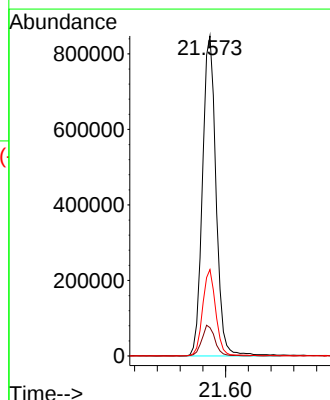
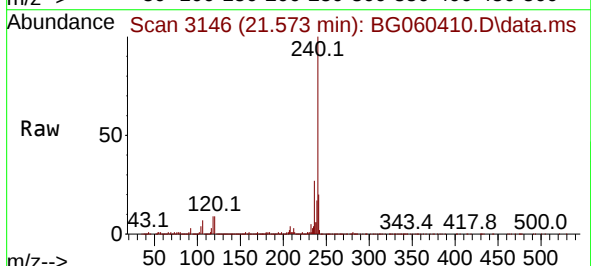
Tgt Ion:240 Resp: 1400384

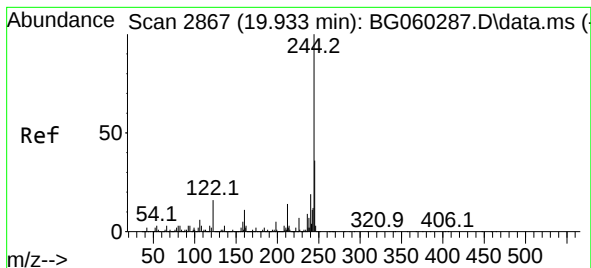
Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

236 27.0 20.3 30.5





#79

Terphenyl-d14

Concen: 61.403 ng

RT: 19.927 min Scan# 2

Delta R.T. -0.006 min

Lab File: BG060410.D

Acq: 23 Jan 2024 19:19

Instrument :

BNA_G

ClientSampleId :

MH-B

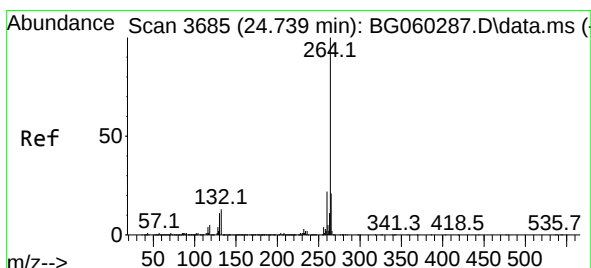
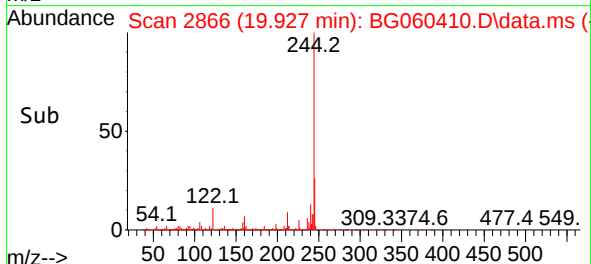
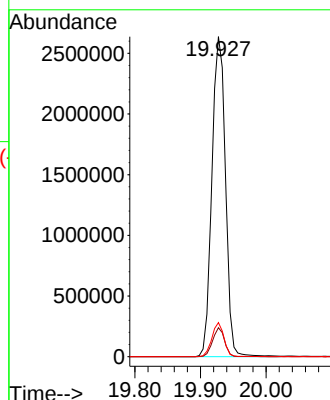
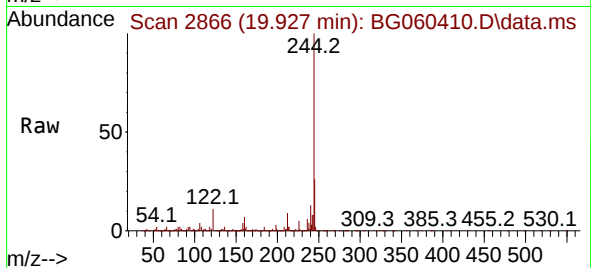
Tgt Ion:244 Resp: 3786886

Ion Ratio Lower Upper

244 100

212 9.0 10.9 16.3#

122 10.6 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.733 min Scan# 3684

Delta R.T. -0.006 min

Lab File: BG060410.D

Acq: 23 Jan 2024 19:19

Tgt Ion:264 Resp: 1601387

Ion Ratio Lower Upper

264 100

260 23.7 17.8 26.6

265 21.2 16.8 25.2

