

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012424\
 Data File : BG060418.D
 Acq On : 24 Jan 2024 16:56
 Operator : MA/JU
 Sample : P1233-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 69-TP-1

Quant Time: Jan 24 17:28:34 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	7.926	152	164454	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	667267	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	547333	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1528269	20.000	ng	0.00
76) Chrysene-d12	21.568	240	1421022	20.000	ng	0.00
86) Perylene-d12	24.735	264	1594298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	935472	93.561	ng	0.00
7) Phenol-d6	7.091	99	1176621	79.472	ng	0.00
23) Nitrobenzene-d5	9.089	82	722392	51.121	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	832006	103.318	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	1956208	49.691	ng	0.00
79) Terphenyl-d14	19.929	244	3720482	58.720	ng	0.00

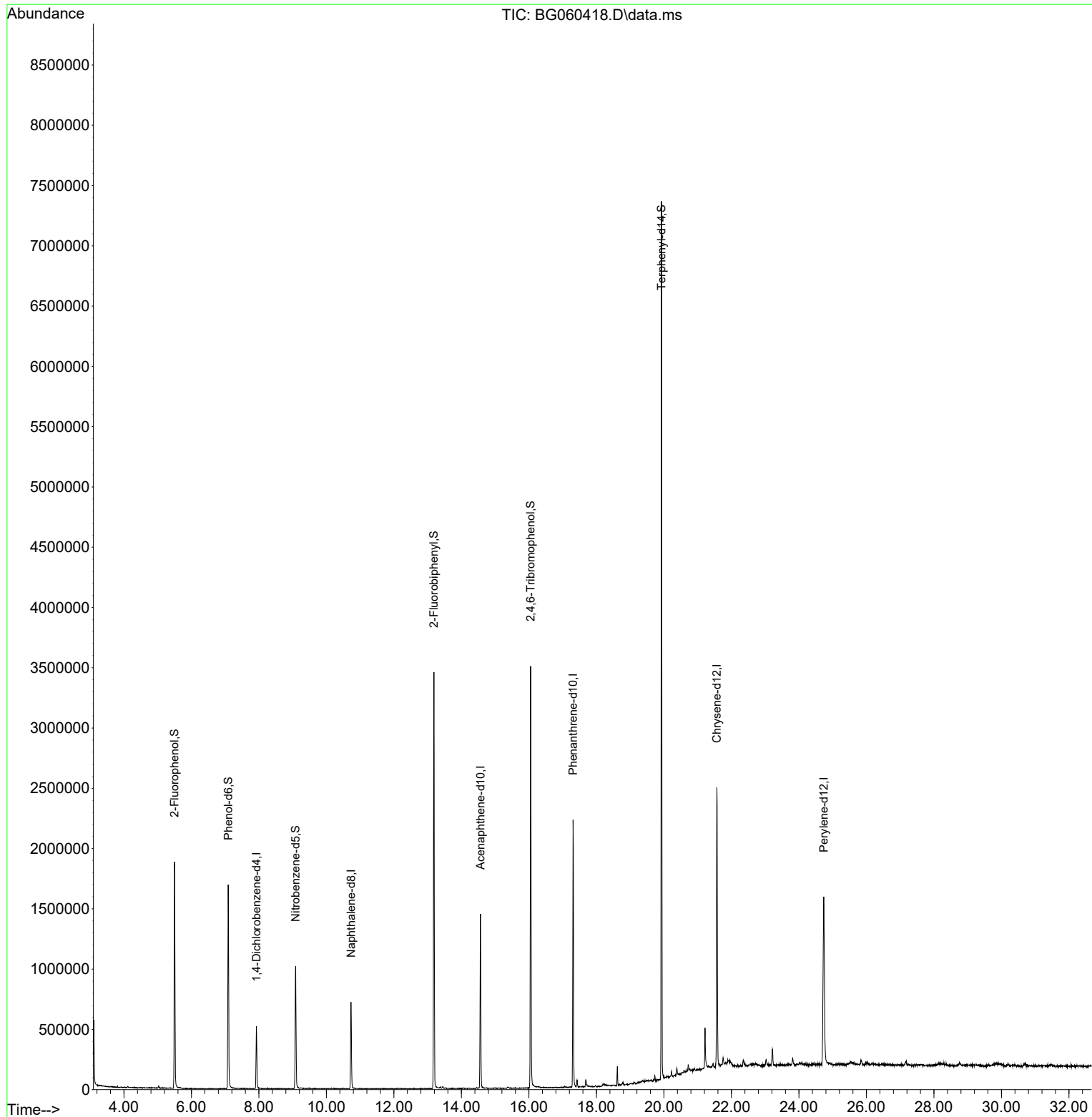
Target Compounds	Qvalue

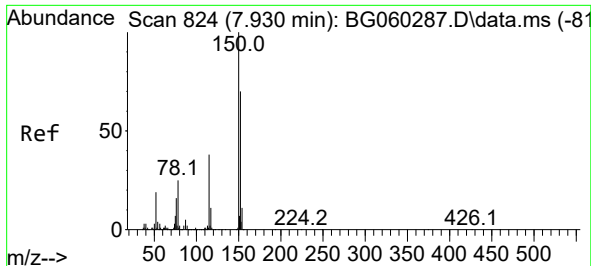
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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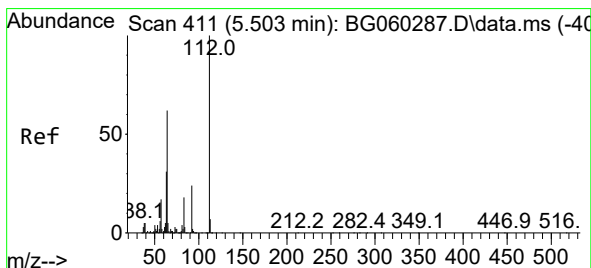
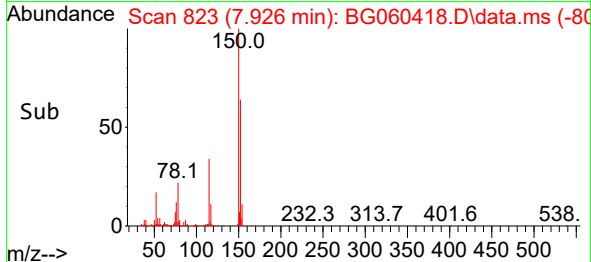
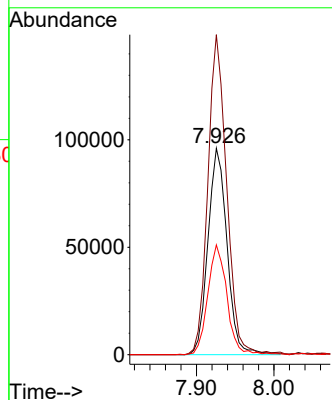
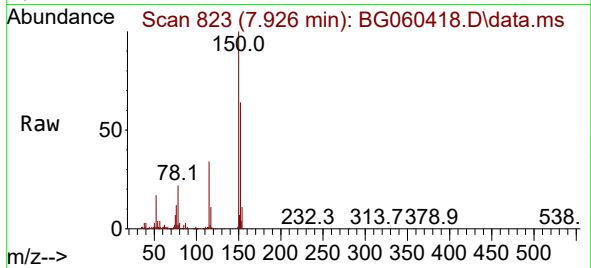




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

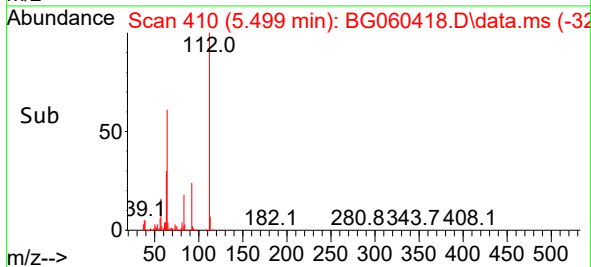
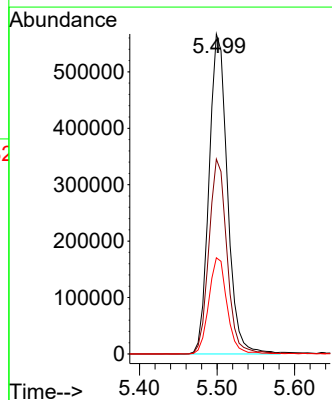
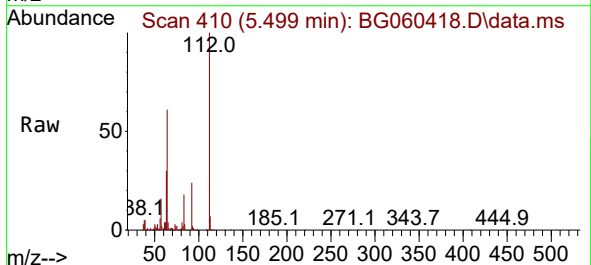
Instrument :
BNA_G
ClientSampleId :
69-TP-1

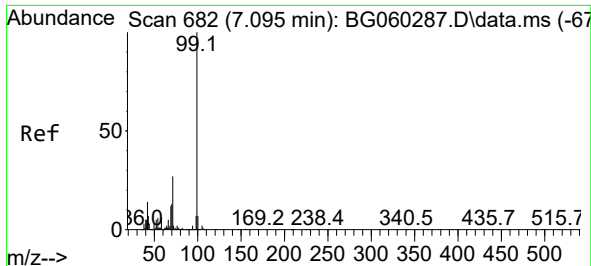
Tgt Ion:152 Resp: 164454
Ion Ratio Lower Upper
152 100
150 155.1 114.5 171.7
115 53.2 43.0 64.6



#5
2-Fluorophenol
Concen: 93.561 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion:112 Resp: 935472
Ion Ratio Lower Upper
112 100
64 60.9 49.8 74.6
63 30.1 24.4 36.6

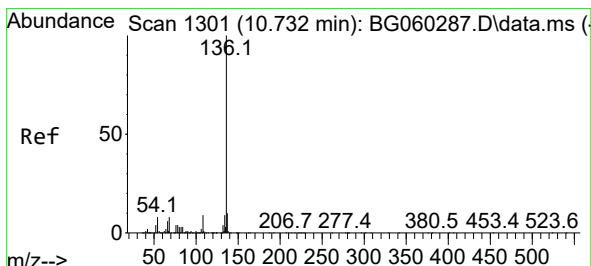
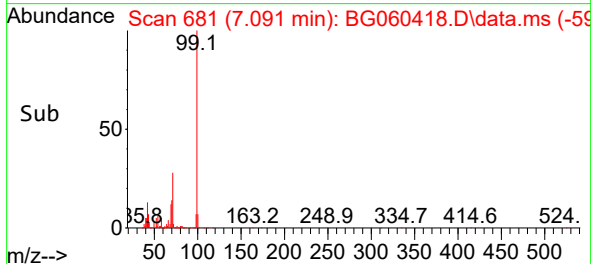
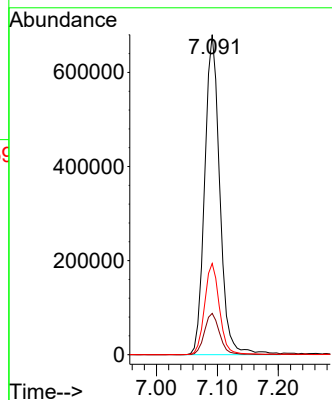
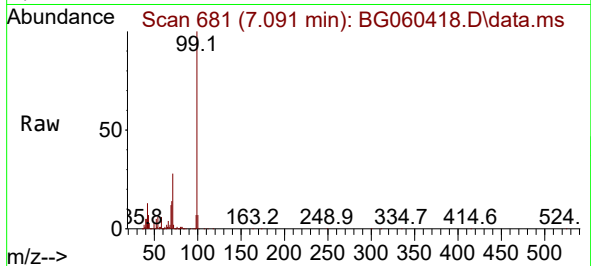




#7
Phenol-d6
Concen: 79.472 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

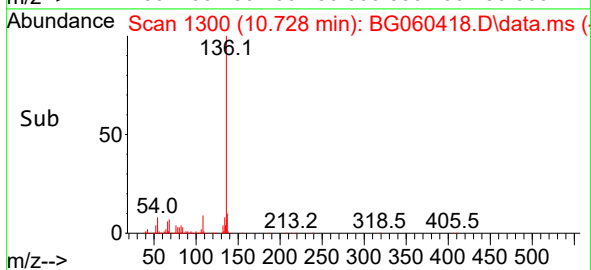
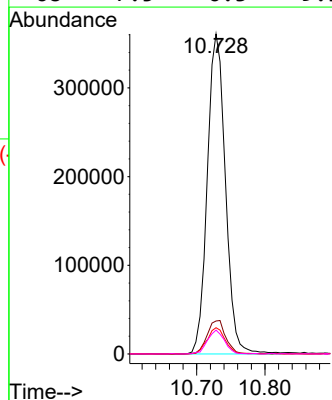
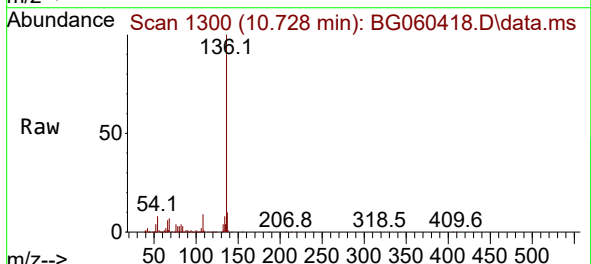
Instrument :
BNA_G
ClientSampleId :
69-TP-1

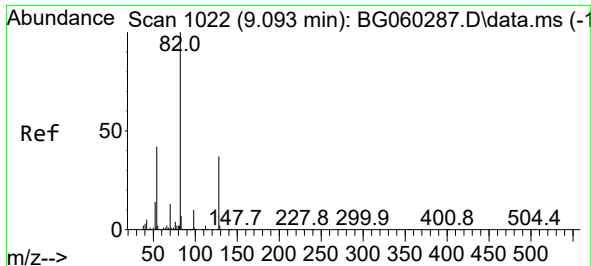
Tgt Ion: 99 Resp: 1176621
Ion Ratio Lower Upper
99 100
42 12.9 10.9 16.3
71 28.5 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1300
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion: 136 Resp: 667267
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 8.2 6.2 9.2
68 7.5 6.3 9.5

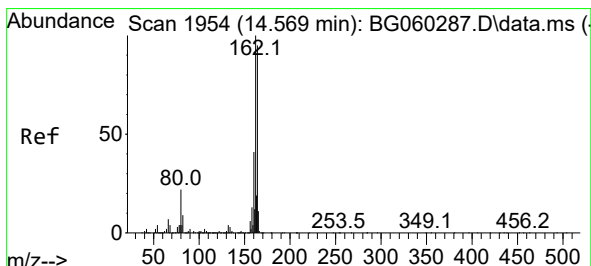
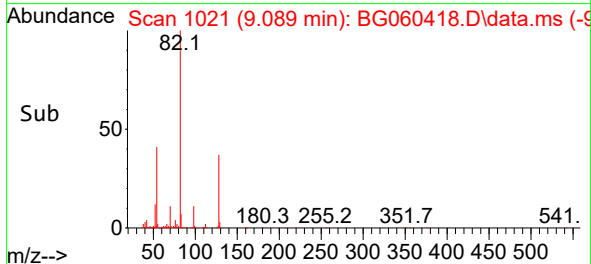
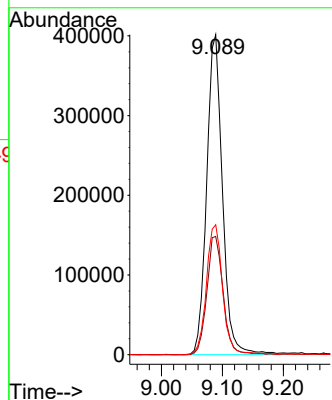
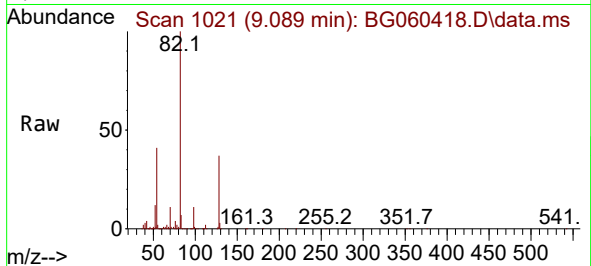




#23
Nitrobenzene-d5
Concen: 51.121 ng
RT: 9.089 min Scan# 1022
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

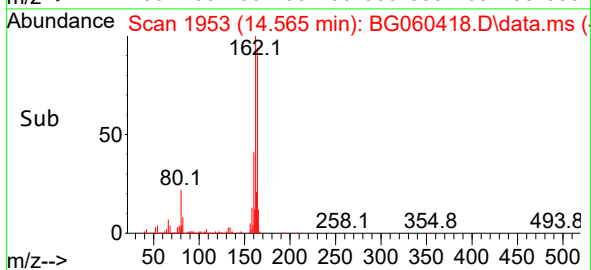
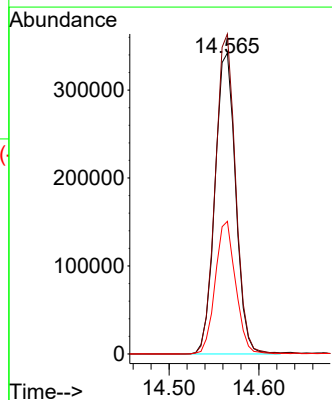
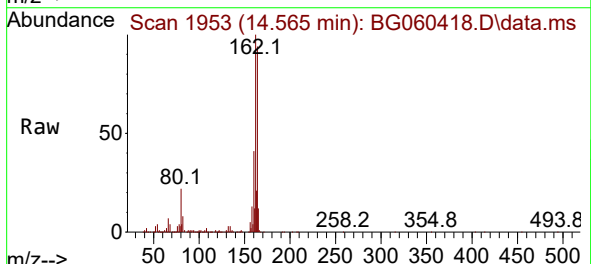
Instrument :
BNA_G
ClientSampleId :
69-TP-1

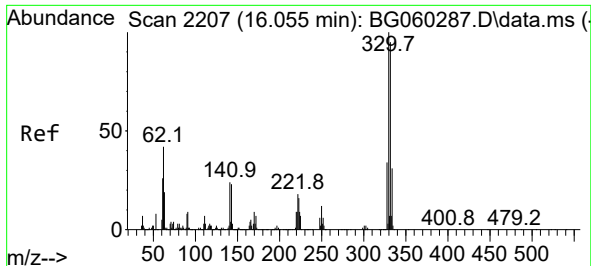
Tgt Ion: 82 Resp: 722392
Ion Ratio Lower Upper
82 100
128 37.0 29.6 44.4
54 40.6 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion:164 Resp: 547333
Ion Ratio Lower Upper
164 100
162 106.3 84.4 126.6
160 44.1 34.6 52.0

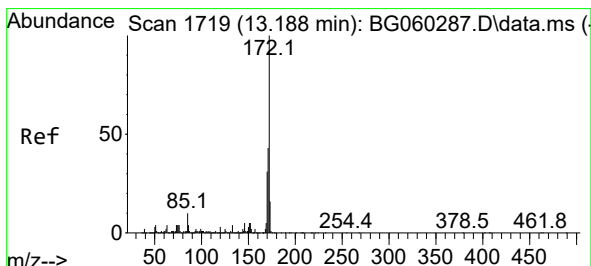
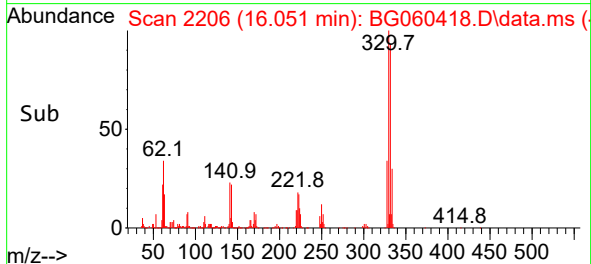
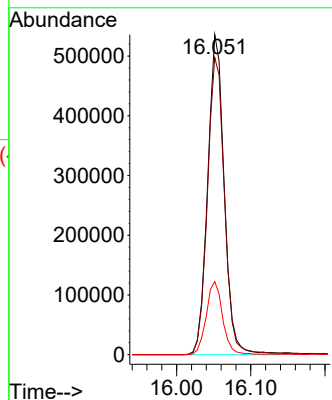
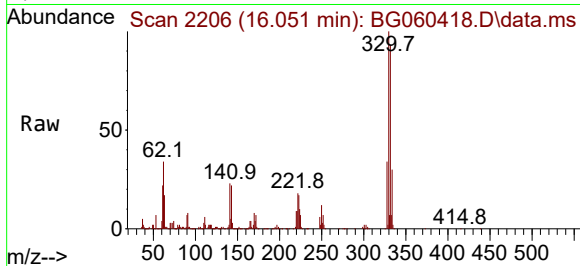




#42
2,4,6-Tribromophenol
Concen: 103.318 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

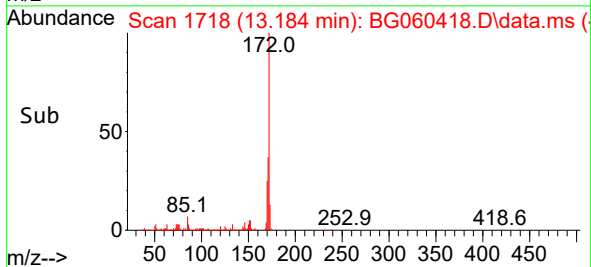
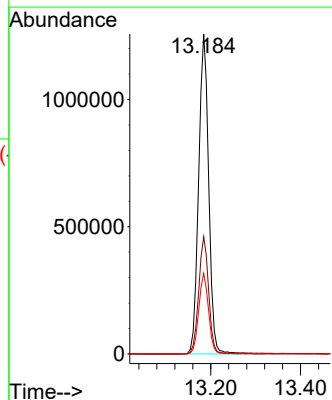
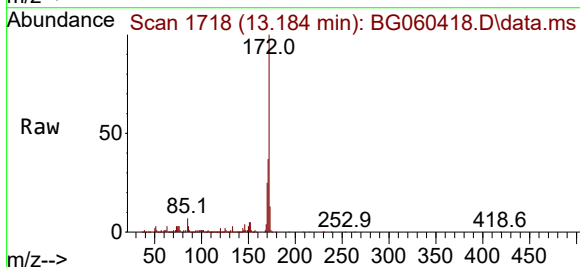
Instrument :
BNA_G
ClientSampleId :
69-TP-1

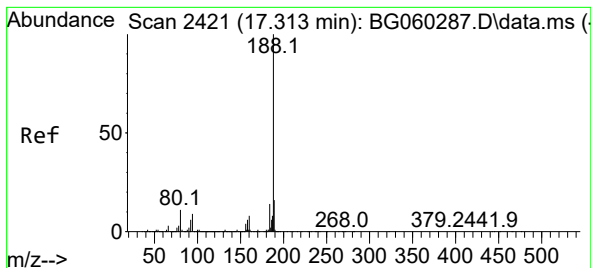
Tgt Ion:330 Resp: 832006
Ion Ratio Lower Upper
330 100
332 95.5 76.7 115.1
141 22.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 49.691 ng
RT: 13.184 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060418.D
Acq: 24 Jan 2024 16:56

Tgt Ion:172 Resp: 1956208
Ion Ratio Lower Upper
172 100
171 36.6 34.6 51.8
170 25.2 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG060418.D

Acq: 24 Jan 2024 16:56

Instrument :

BNA_G

ClientSampleId :

69-TP-1

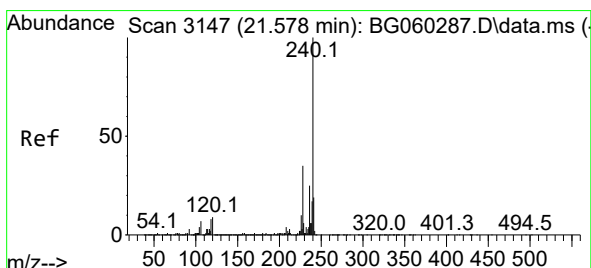
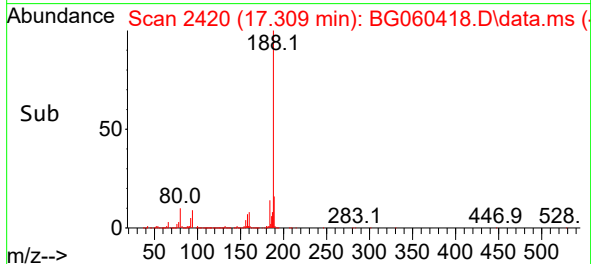
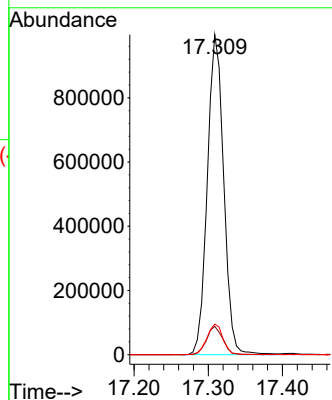
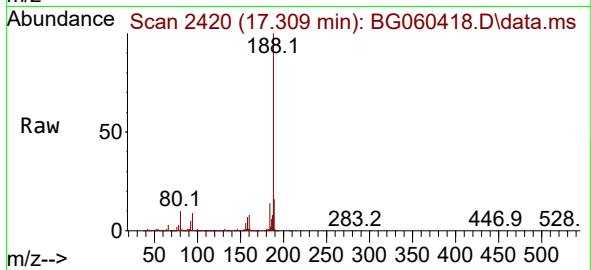
Tgt Ion:188 Resp: 1528269

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

80 9.6 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3145

Delta R.T. -0.010 min

Lab File: BG060418.D

Acq: 24 Jan 2024 16:56

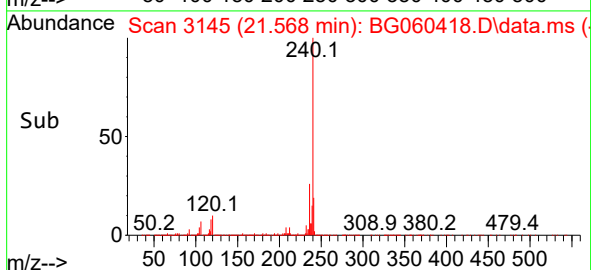
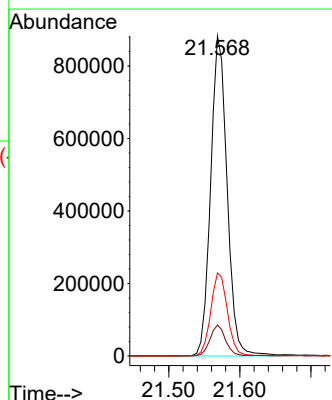
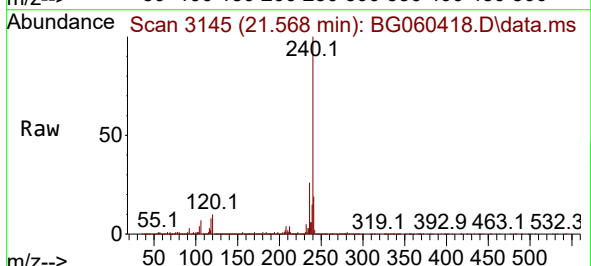
Tgt Ion:240 Resp: 1421022

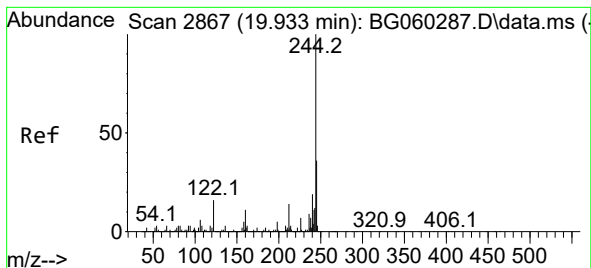
Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

236 25.9 20.3 30.5





#79

Terphenyl-d14

Concen: 58.720 ng

RT: 19.929 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060418.D

Acq: 24 Jan 2024 16:56

Instrument :

BNA_G

ClientSampleId :

69-TP-1

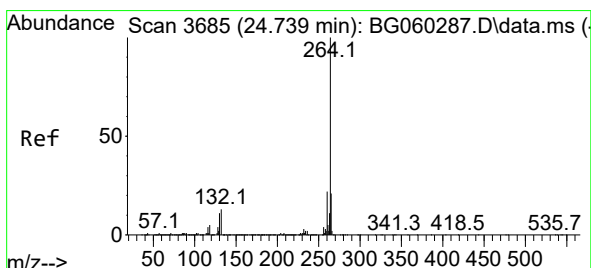
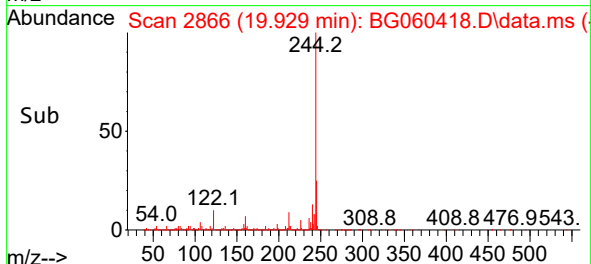
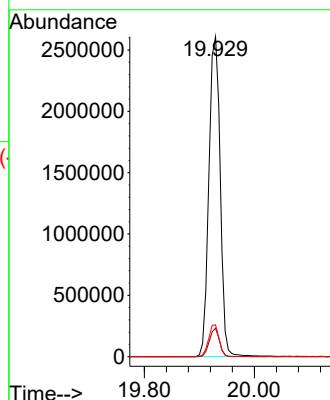
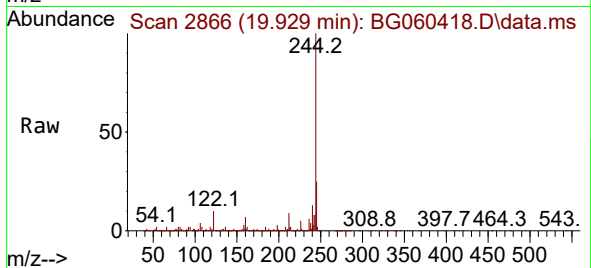
Tgt Ion:244 Resp: 3720482

Ion Ratio Lower Upper

244 100

212 8.9 10.9 16.3#

122 10.0 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.735 min Scan# 3684

Delta R.T. -0.004 min

Lab File: BG060418.D

Acq: 24 Jan 2024 16:56

Tgt Ion:264 Resp: 1594298

Ion Ratio Lower Upper

264 100

260 24.4 17.8 26.6

265 21.4 16.8 25.2

