

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060323.D
 Acq On : 12 Jan 2024 19:51
 Operator : MA/JU
 Sample : P1104-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Jan 12 23:44:37 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	7.929	152	245301	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	968110	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	668036	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	1726925	20.000	ng	0.00
76) Chrysene-d12	21.571	240	1759997	20.000	ng	0.00
86) Perylene-d12	24.738	264	1813136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	1737523	116.504	ng	0.00
7) Phenol-d6	7.094	99	2495927	113.020	ng	0.00
23) Nitrobenzene-d5	9.092	82	1774210	86.538	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	1329965	135.314	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3977392	82.777	ng	0.00
79) Terphenyl-d14	19.932	244	5922234	84.775	ng	0.00

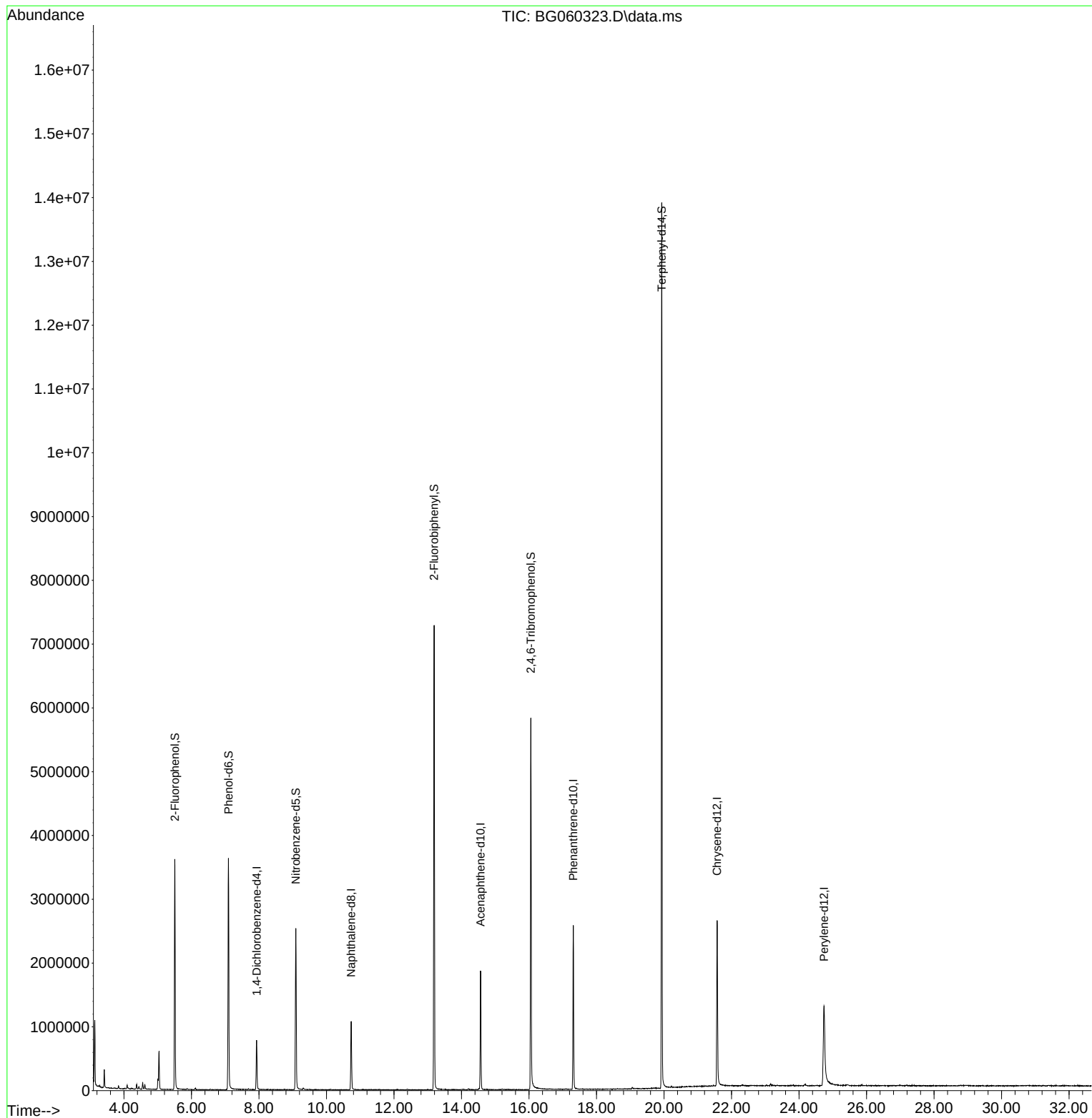
Target Compounds	Qvalue

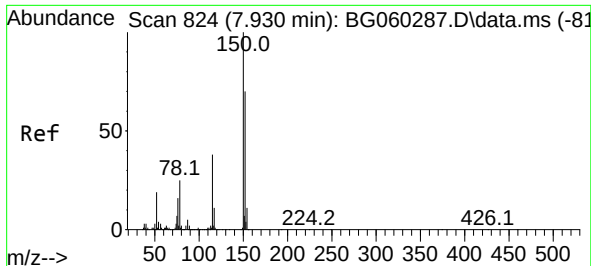
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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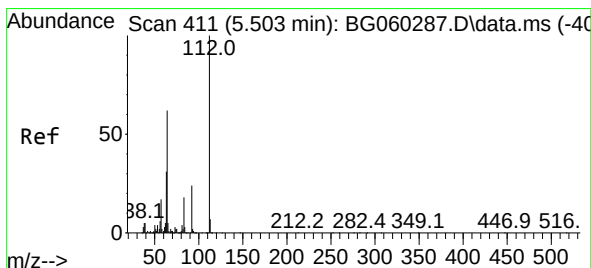
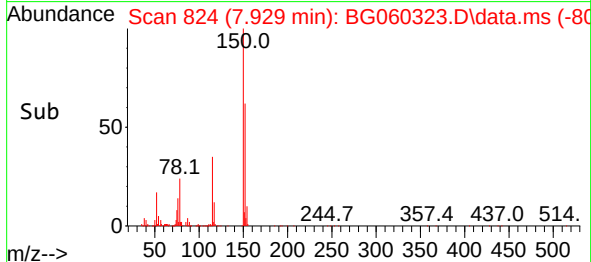
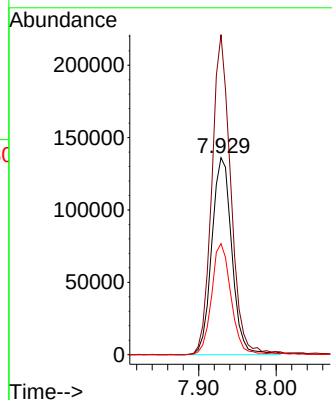
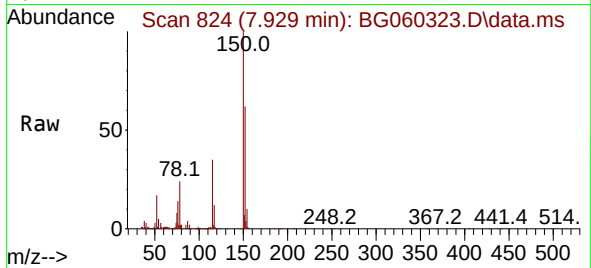




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

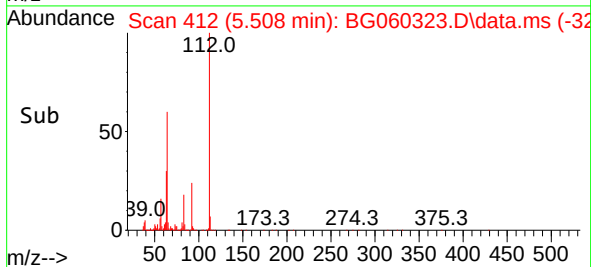
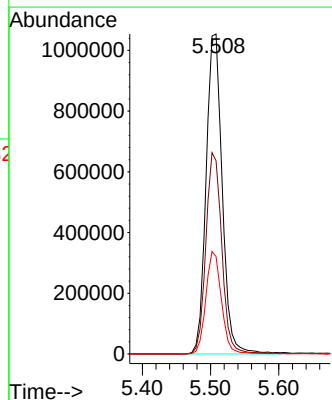
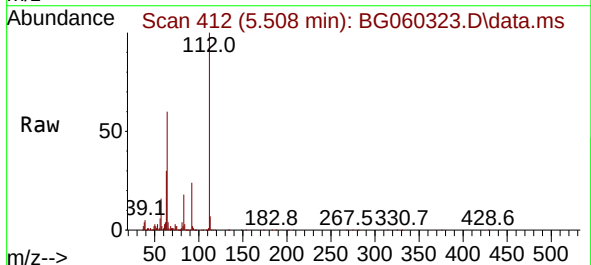
Instrument :
BNA_G
ClientSampleId :
TP-2

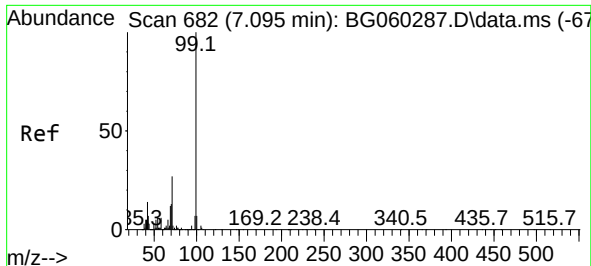
Tgt Ion:152 Resp: 245301
Ion Ratio Lower Upper
152 100
150 162.4 114.5 171.7
115 56.4 43.0 64.6



#5
2-Fluorophenol
Concen: 116.504 ng
RT: 5.508 min Scan# 412
Delta R.T. 0.005 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:112 Resp: 1737523
Ion Ratio Lower Upper
112 100
64 60.4 49.8 74.6
63 30.5 24.4 36.6



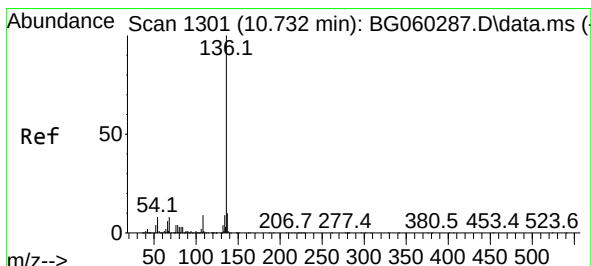
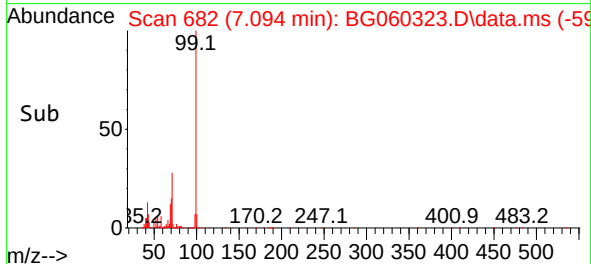
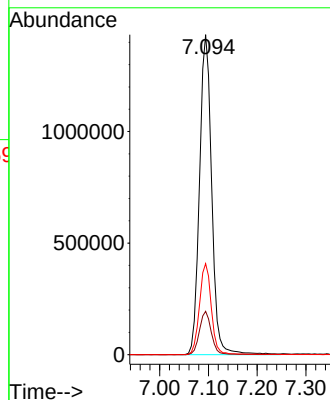
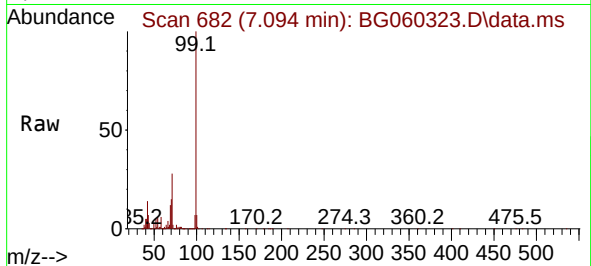


#7
Phenol-d6
Concen: 113.020 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 2495927

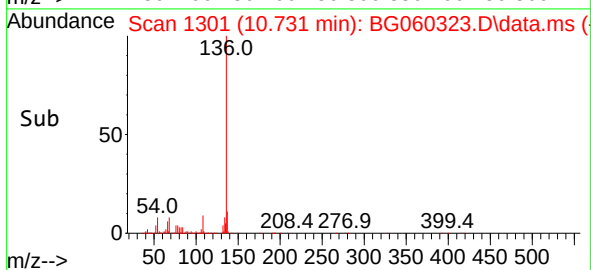
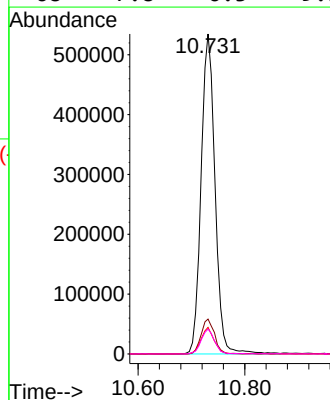
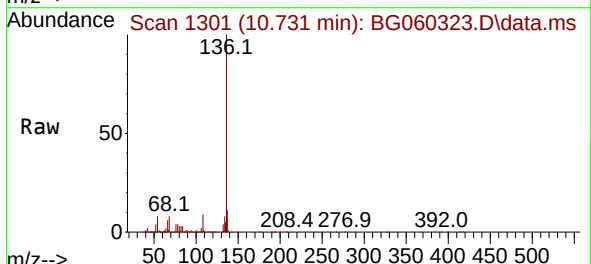
Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.9	16.3
71	28.4	21.5	32.3

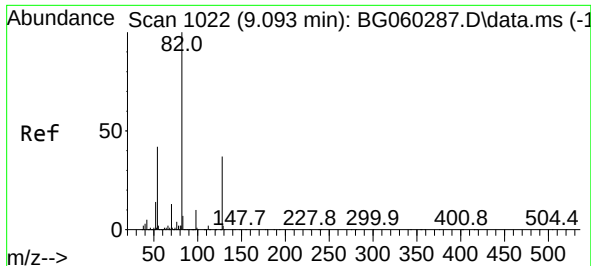


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:136 Resp: 968110

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.3	6.2	9.2
68	7.8	6.3	9.5

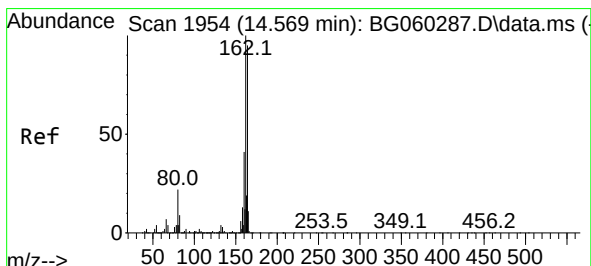
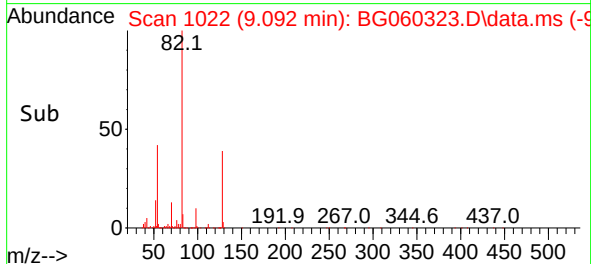
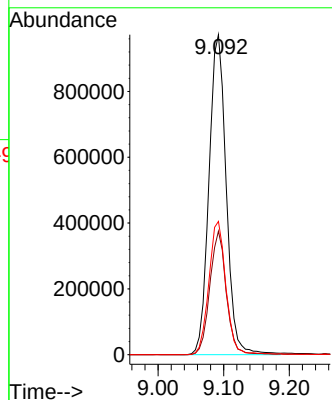
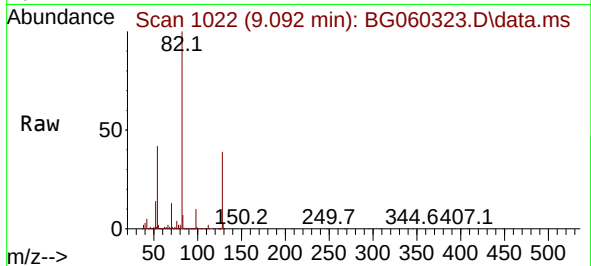




#23
Nitrobenzene-d5
Concen: 86.538 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

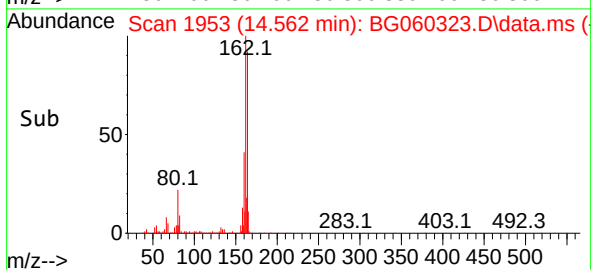
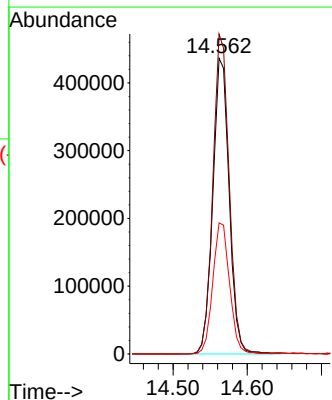
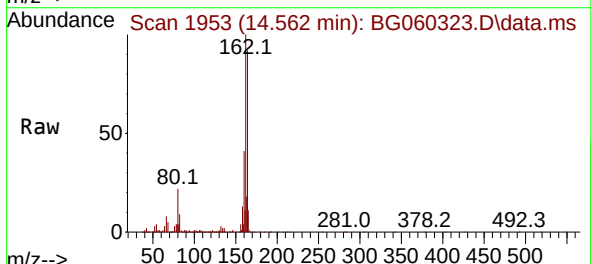
Instrument :
BNA_G
ClientSampleId :
TP-2

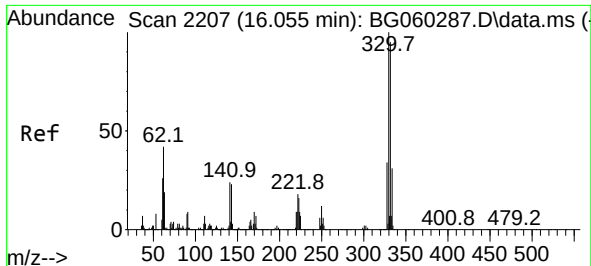
Tgt Ion: 82 Resp: 1774210
Ion Ratio Lower Upper
82 100
128 38.6 29.6 44.4
54 41.6 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:164 Resp: 668036
Ion Ratio Lower Upper
164 100
162 108.2 84.4 126.6
160 44.3 34.6 52.0

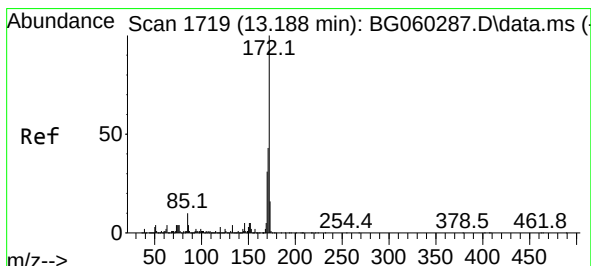
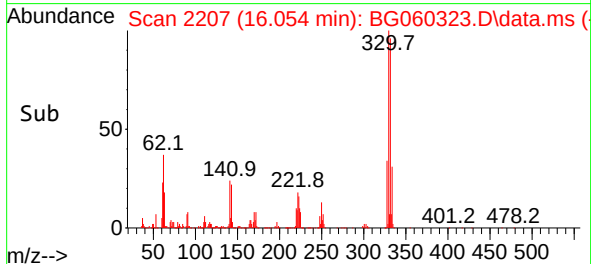
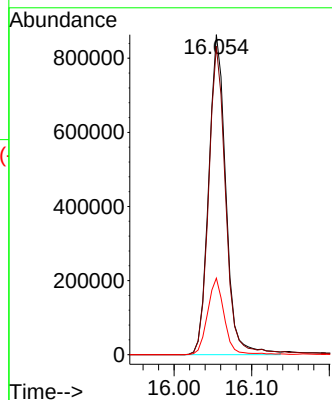
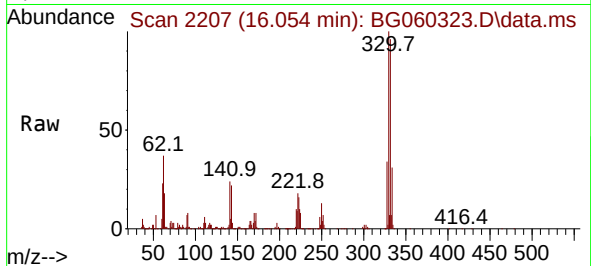




#42
2,4,6-Tribromophenol
Concen: 135.314 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

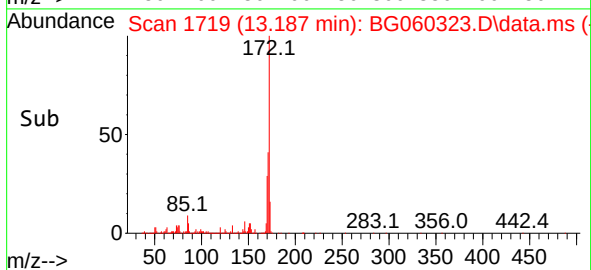
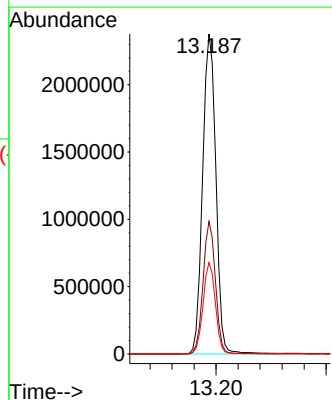
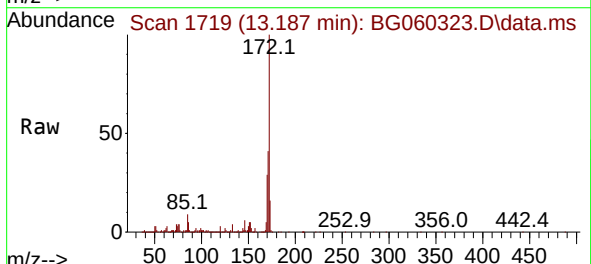
Instrument :
BNA_G
ClientSampleId :
TP-2

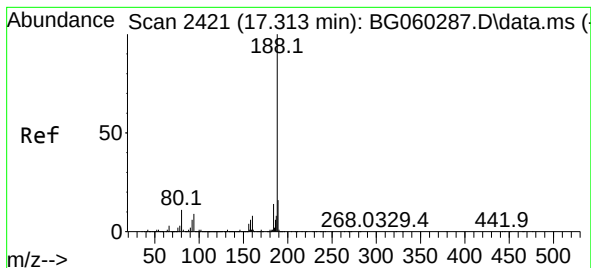
Tgt Ion:330 Resp: 1329965
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 23.4 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 82.777 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060323.D
Acq: 12 Jan 2024 19:51

Tgt Ion:172 Resp: 3977392
Ion Ratio Lower Upper
172 100
171 41.4 34.6 51.8
170 28.6 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.312 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG060323.D

Acq: 12 Jan 2024 19:51

Instrument :

BNA_G

ClientSampleId :

TP-2

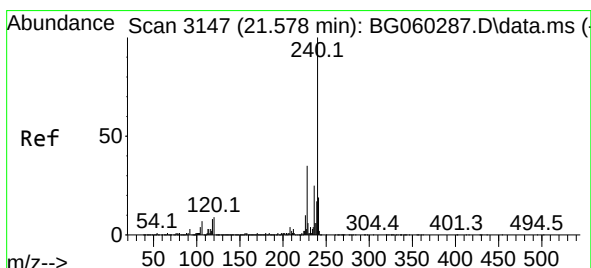
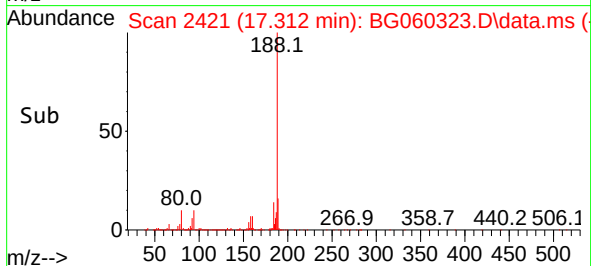
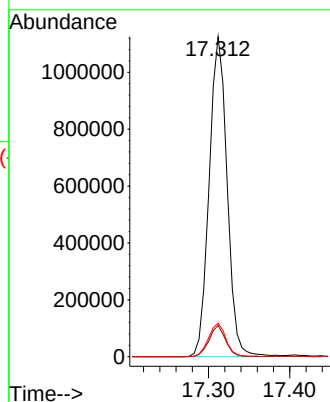
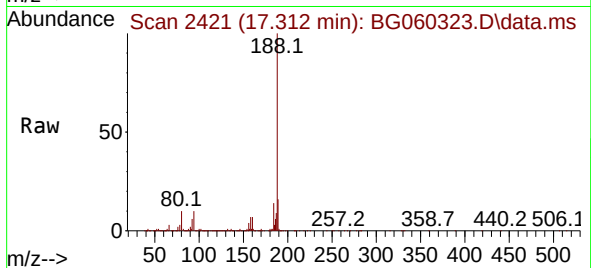
Tgt Ion:188 Resp: 1726925

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

80 10.4 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.571 min Scan# 3146

Delta R.T. -0.007 min

Lab File: BG060323.D

Acq: 12 Jan 2024 19:51

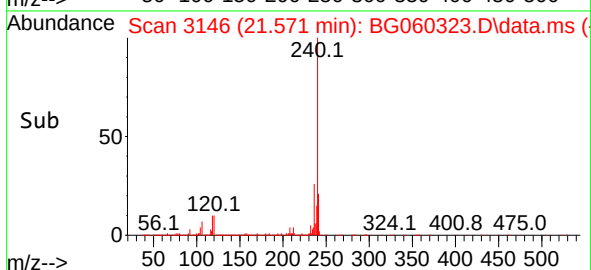
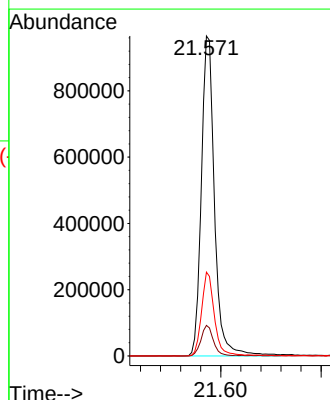
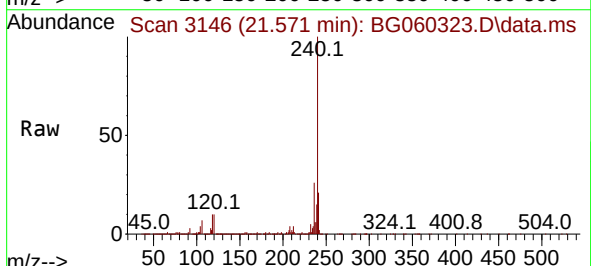
Tgt Ion:240 Resp: 1759997

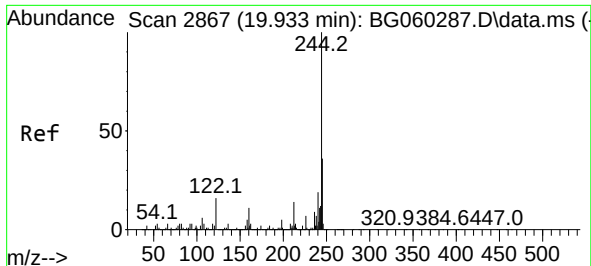
Ion Ratio Lower Upper

240 100

120 9.6 7.3 10.9

236 26.2 20.3 30.5





#79

Terphenyl-d14

Concen: 84.775 ng

RT: 19.932 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG060323.D

Acq: 12 Jan 2024 19:51

Instrument :

BNA_G

ClientSampleId :

TP-2

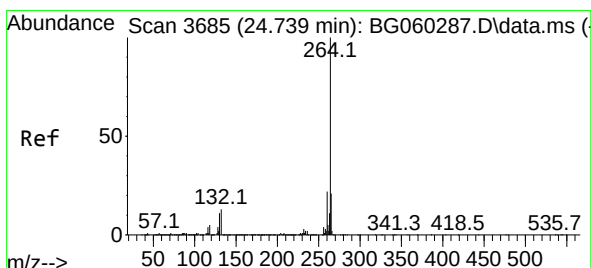
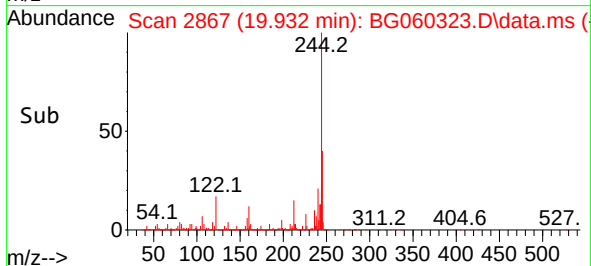
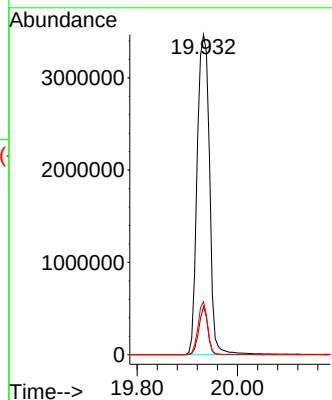
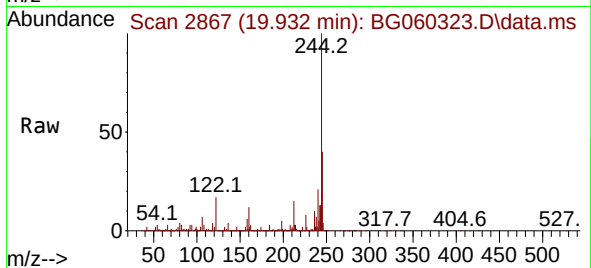
Tgt Ion:244 Resp: 5922234

Ion Ratio Lower Upper

244 100

212 15.1 10.9 16.3

122 16.6 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.738 min Scan# 3685

Delta R.T. -0.001 min

Lab File: BG060323.D

Acq: 12 Jan 2024 19:51

Tgt Ion:264 Resp: 1813136

Ion Ratio Lower Upper

264 100

260 23.9 17.8 26.6

265 21.5 16.8 25.2

