

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060407.D
 Acq On : 23 Jan 2024 17:17
 Operator : MA/JU
 Sample : P1219-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 222177

Quant Time: Jan 23 17:50:46 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	137927	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	602253	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	531836	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1481672	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1358138	20.000	ng	0.00
86) Perylene-d12	24.730	264	1575927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	1086543	129.571	ng	0.00
7) Phenol-d6	7.092	99	1594003	128.370	ng	0.00
23) Nitrobenzene-d5	9.084	82	1095137	85.865	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1129483	144.346	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	2599460	67.955	ng	0.00
79) Terphenyl-d14	19.930	244	4381258	79.359	ng	0.00

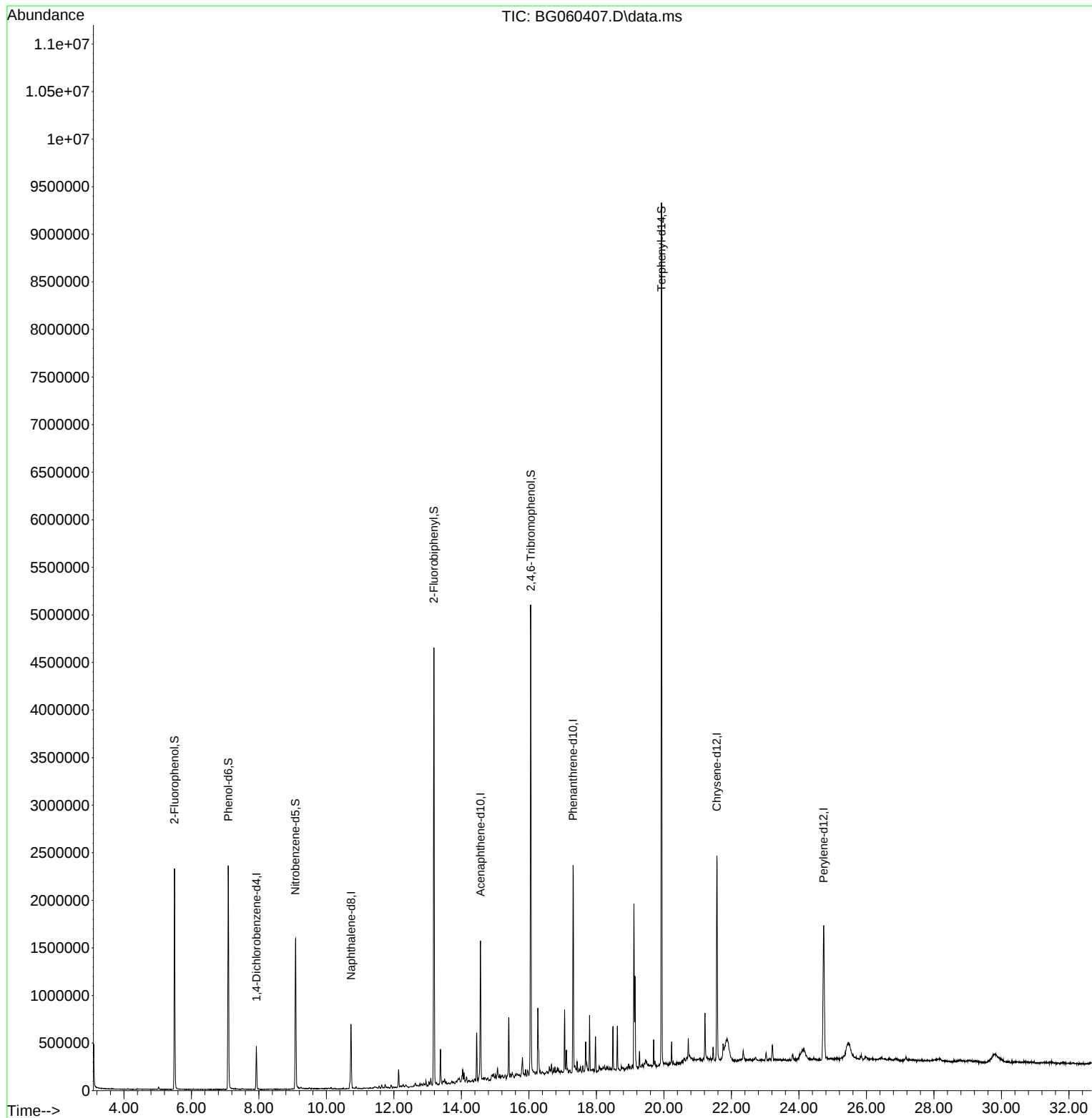
Target Compounds	Qvalue

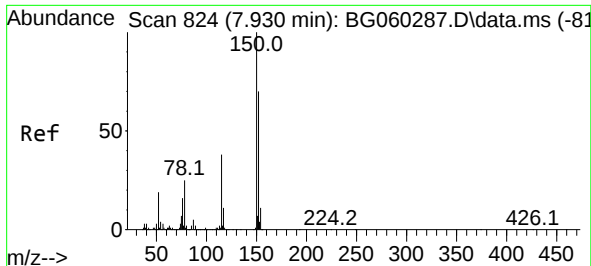
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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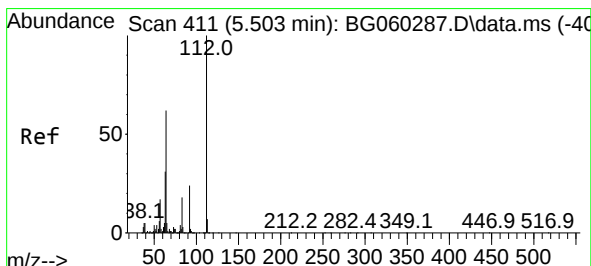
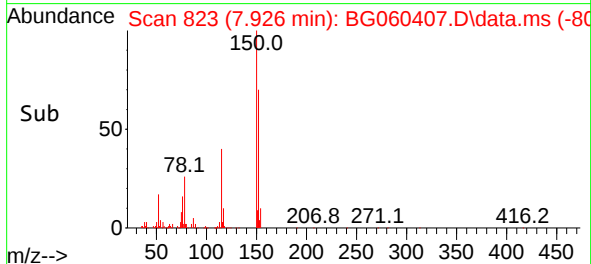
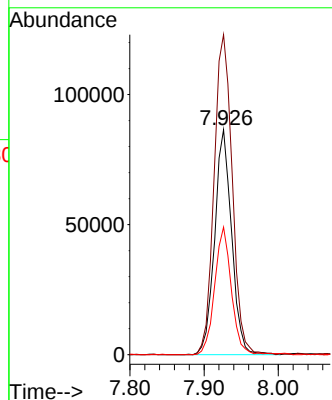
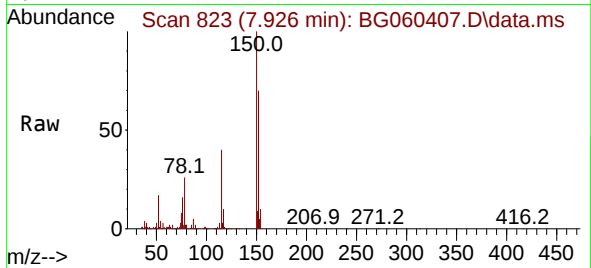




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

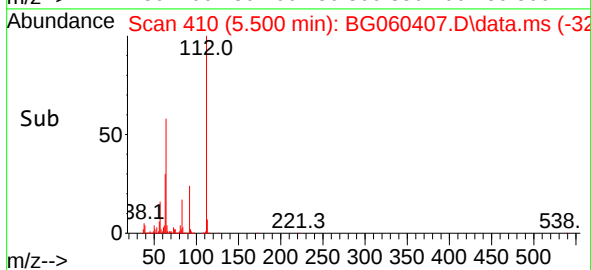
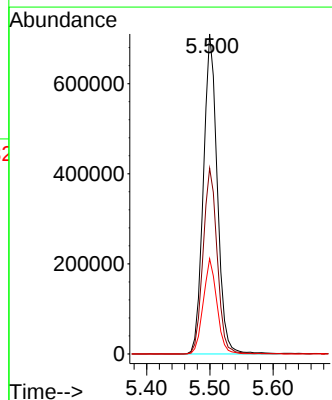
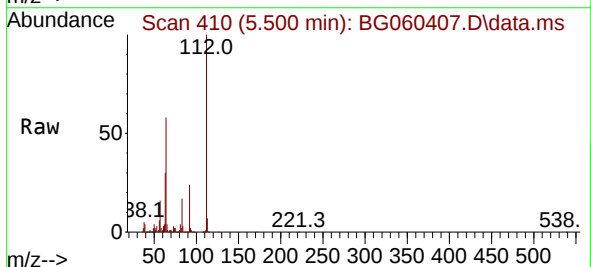
Instrument :
BNA_G
ClientSampleId :
222177

Tgt Ion:152 Resp: 137927
Ion Ratio Lower Upper
152 100
150 142.3 114.5 171.7
115 56.7 43.0 64.6



#5
2-Fluorophenol
Concen: 129.571 ng
RT: 5.500 min Scan# 410
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion:112 Resp: 1086543
Ion Ratio Lower Upper
112 100
64 58.0 49.8 74.6
63 29.7 24.4 36.6

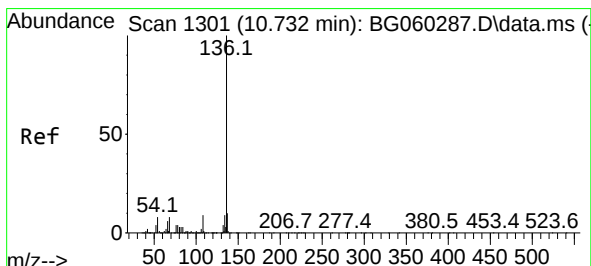
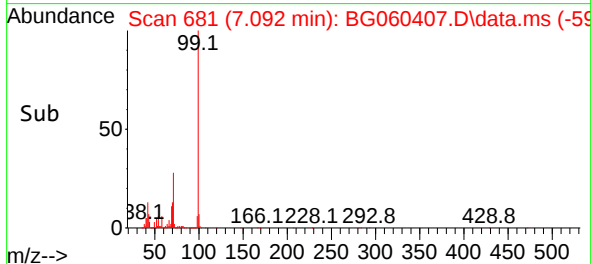
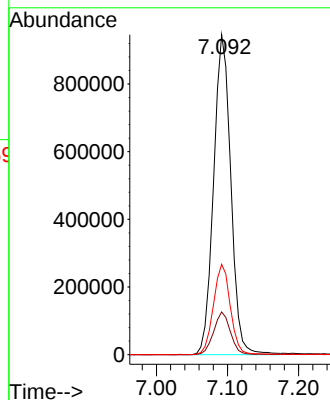
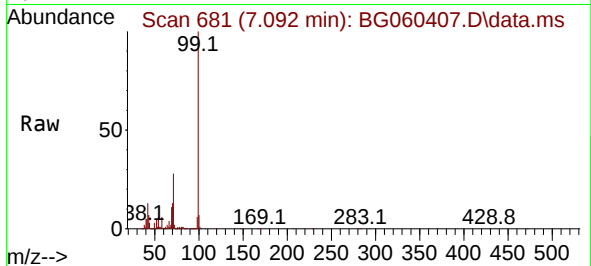




#7
Phenol-d6
Concen: 128.370 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

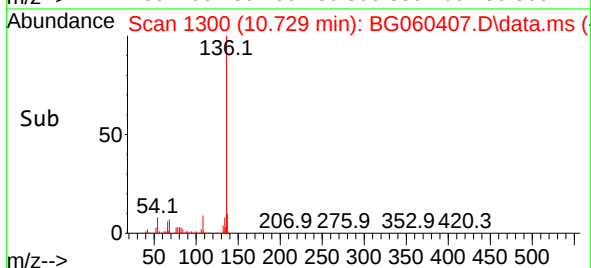
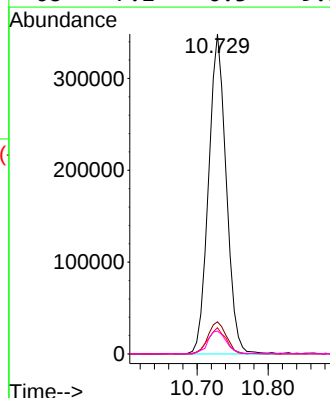
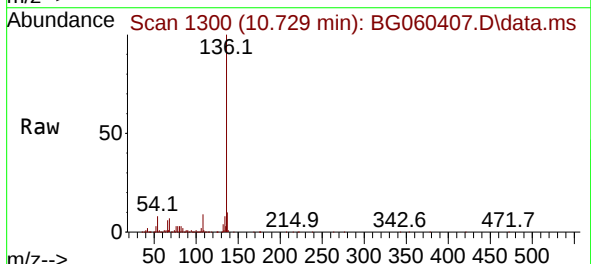
Instrument :
BNA_G
ClientSampleId :
222177

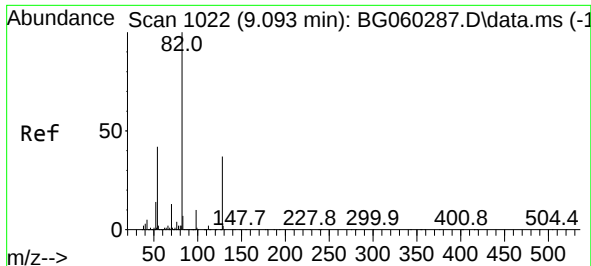
Tgt Ion: 99 Resp: 1594003
Ion Ratio Lower Upper
99 100
42 13.4 10.9 16.3
71 28.3 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion: 136 Resp: 602253
Ion Ratio Lower Upper
136 100
137 10.1 8.2 12.4
54 8.2 6.2 9.2
68 7.2 6.3 9.5

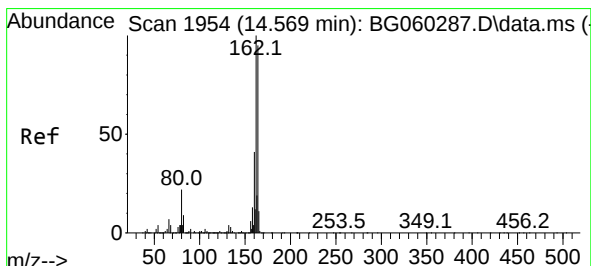
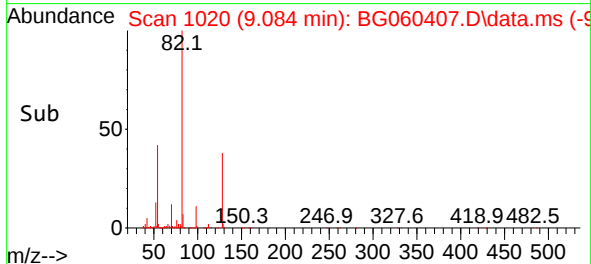
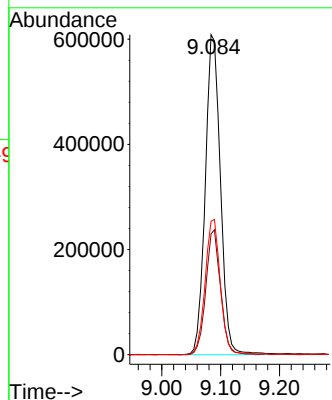
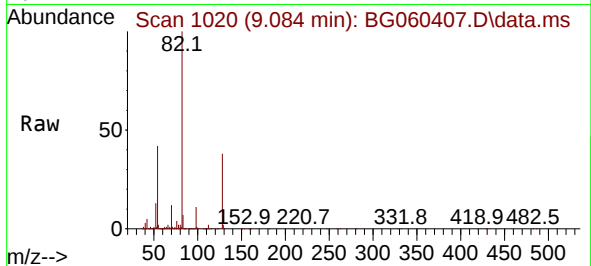




#23
Nitrobenzene-d5
Concen: 85.865 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

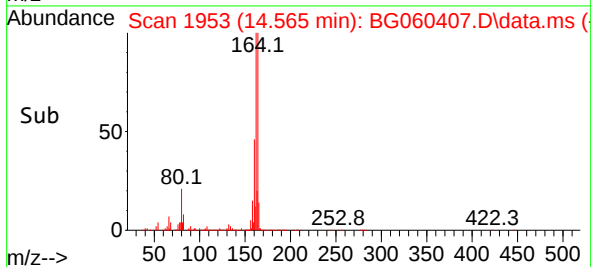
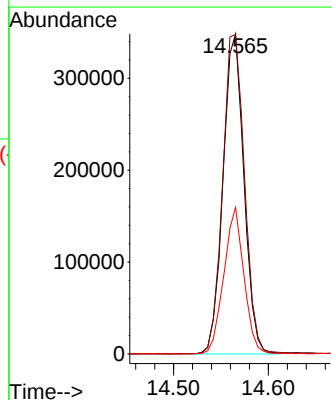
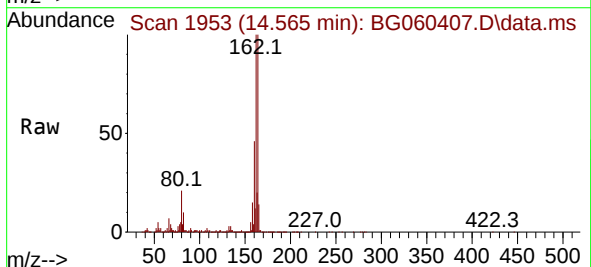
Instrument :
BNA_G
ClientSampleId :
222177

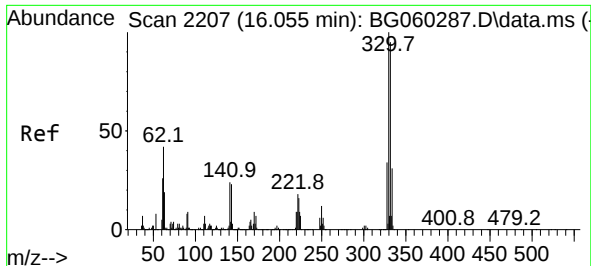
Tgt Ion: 82 Resp: 1095137
Ion Ratio Lower Upper
82 100
128 37.8 29.6 44.4
54 41.7 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion:164 Resp: 531836
Ion Ratio Lower Upper
164 100
162 99.9 84.4 126.6
160 45.8 34.6 52.0

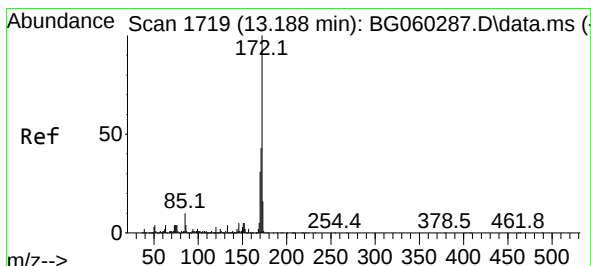
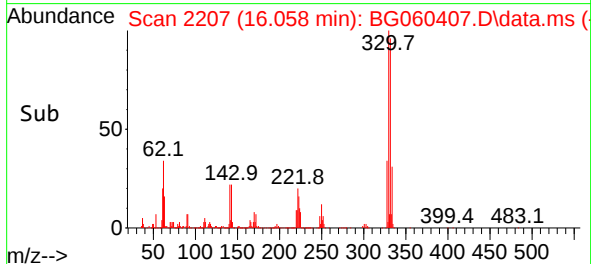
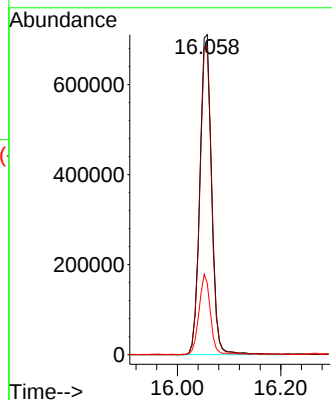
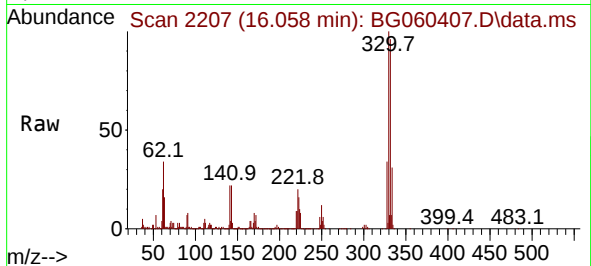




#42
2,4,6-Tribromophenol
Concen: 144.346 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

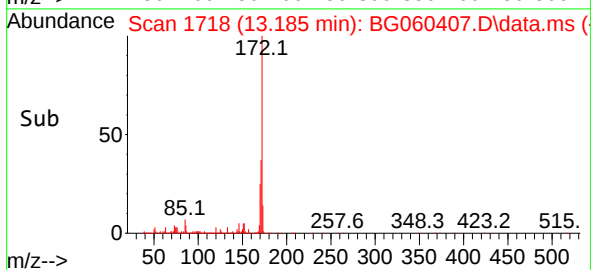
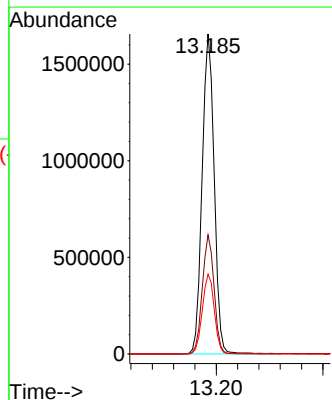
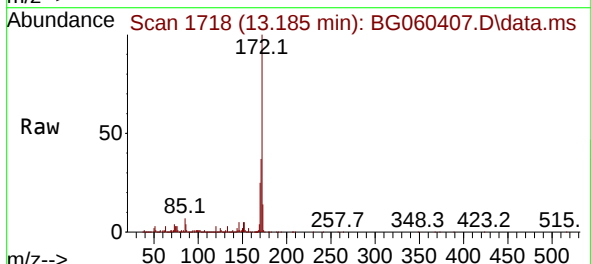
Instrument :
BNA_G
ClientSampleId :
222177

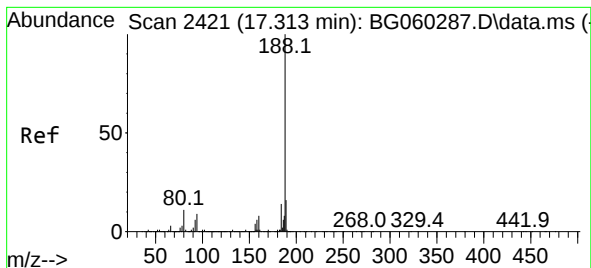
Tgt Ion:330 Resp: 1129483
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 24.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 67.955 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060407.D
Acq: 23 Jan 2024 17:17

Tgt Ion:172 Resp: 2599460
Ion Ratio Lower Upper
172 100
171 37.2 34.6 51.8
170 24.9 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060407.D

Acq: 23 Jan 2024 17:17

Instrument :

BNA_G

ClientSampleId :

222177

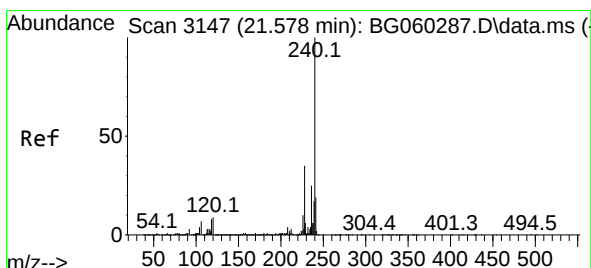
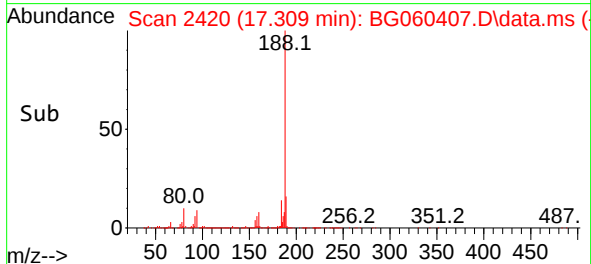
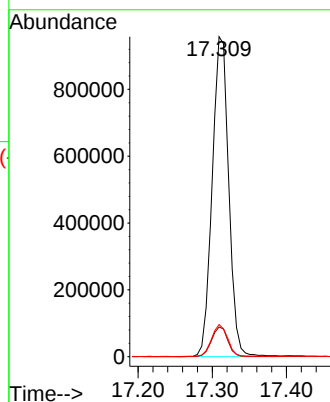
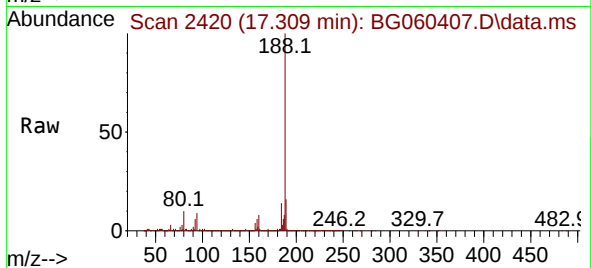
Tgt Ion:188 Resp: 1481672

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.0 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3145

Delta R.T. -0.009 min

Lab File: BG060407.D

Acq: 23 Jan 2024 17:17

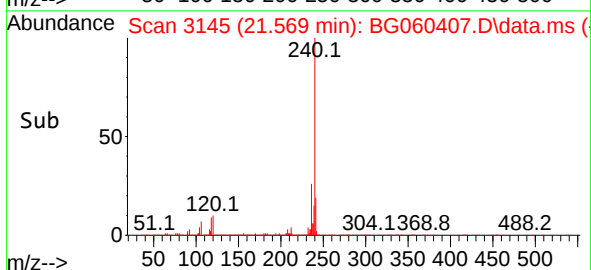
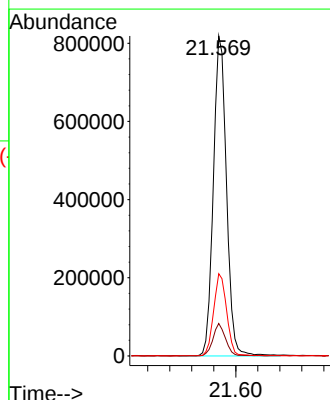
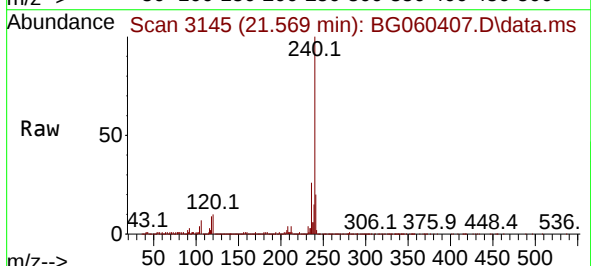
Tgt Ion:240 Resp: 1358138

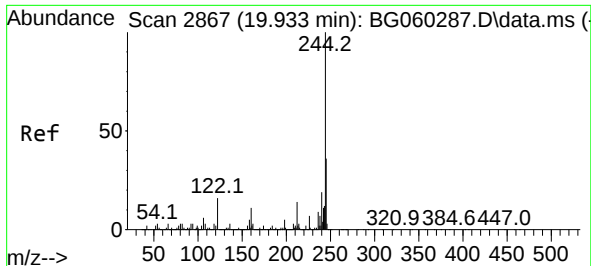
Ion Ratio Lower Upper

240 100

120 10.1 7.3 10.9

236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 79.359 ng

RT: 19.930 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060407.D

Acq: 23 Jan 2024 17:17

Instrument :

BNA_G

ClientSampleId :

222177

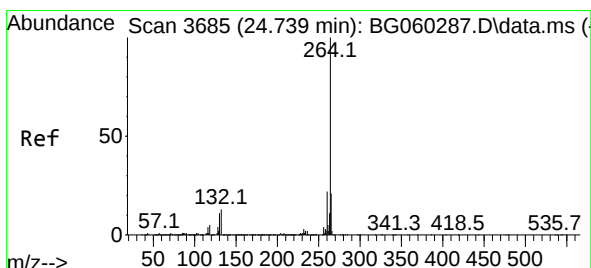
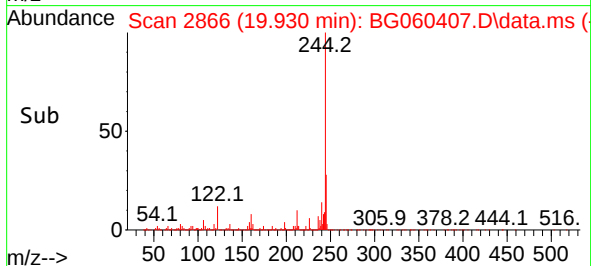
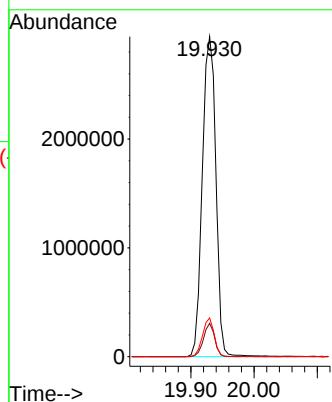
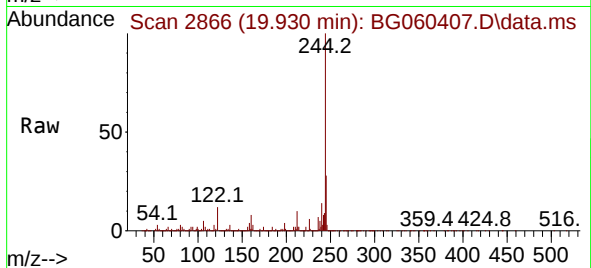
Tgt Ion:244 Resp: 4381258

Ion Ratio Lower Upper

244 100

212 10.5 10.9 16.3#

122 12.1 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.730 min Scan# 3683

Delta R.T. -0.009 min

Lab File: BG060407.D

Acq: 23 Jan 2024 17:17

Tgt Ion:264 Resp: 1575927

Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.6

265 21.5 16.8 25.2

