

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060671.D
 Acq On : 15 Mar 2024 20:12
 Operator : MA/JU
 Sample : P1764-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Mar 15 23:40:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.322	152	100919	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	457451	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	309482	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	644928	20.000	ng	0.00
76) Chrysene-d12	22.012	240	569166	20.000	ng	-0.01
86) Perylene-d12	25.567	264	669999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	569406	88.695	ng	0.00
7) Phenol-d6	7.435	99	843766	90.604	ng	0.00
23) Nitrobenzene-d5	9.521	82	506414	57.614	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	335909	93.666	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	1271805	55.562	ng	0.00
79) Terphenyl-d14	20.273	244	1833211	58.219	ng	0.00

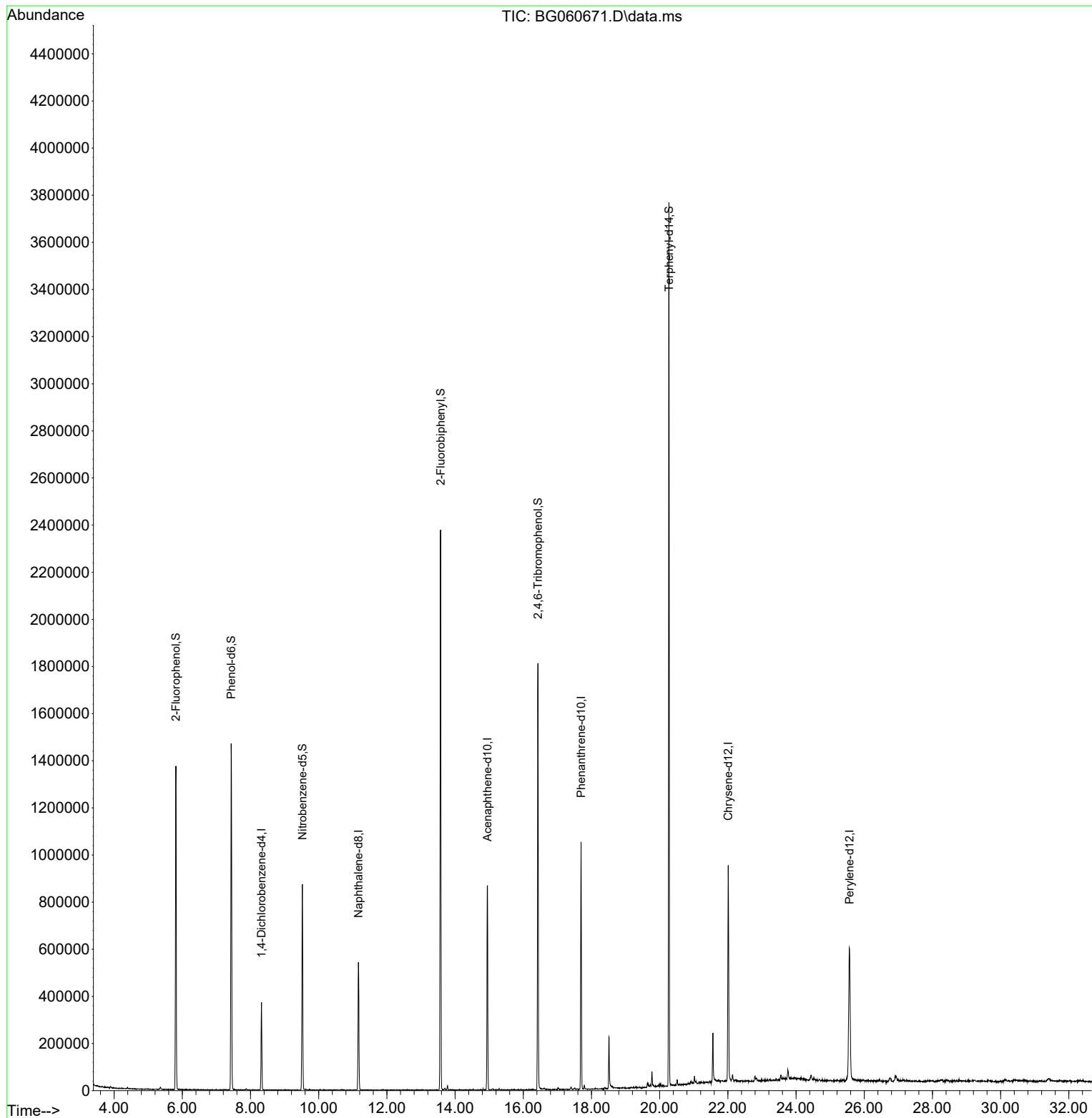
Target Compounds	Qvalue

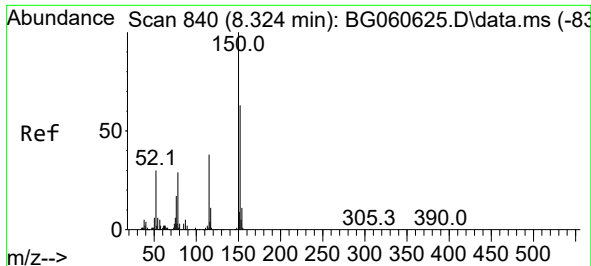
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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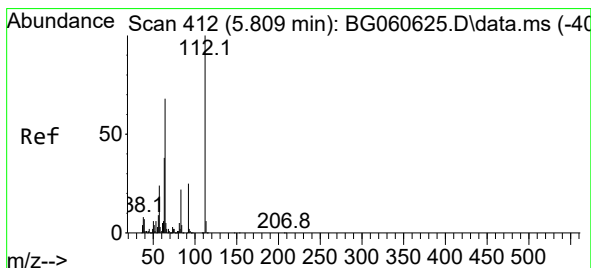
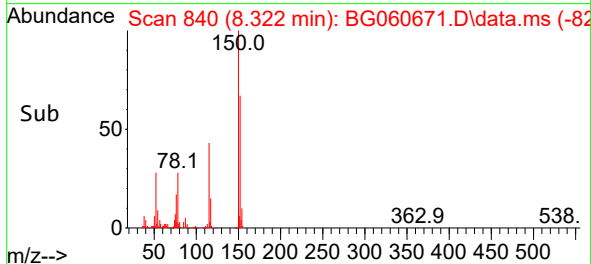
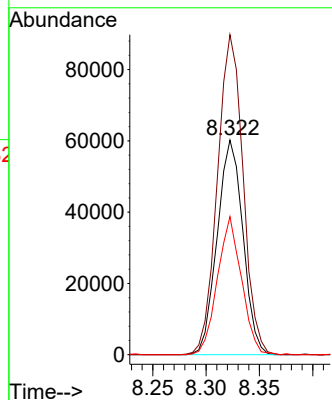
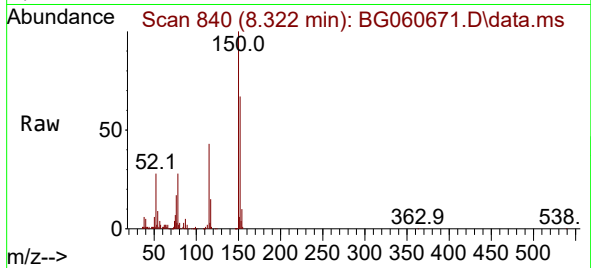




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.322 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

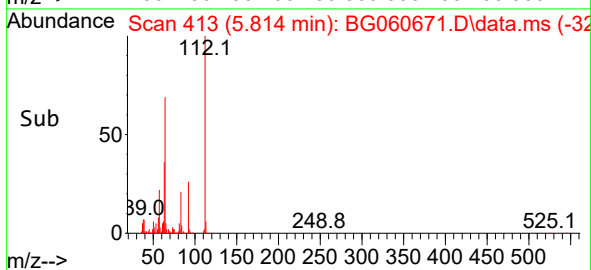
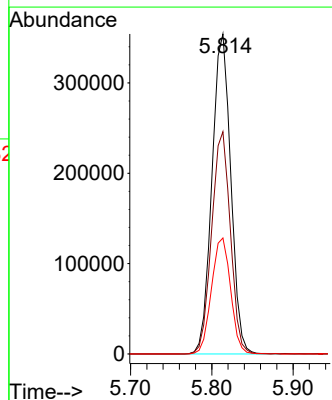
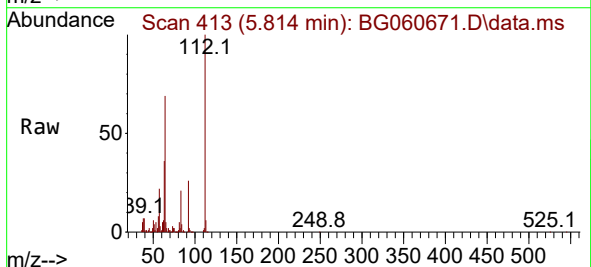
Instrument :
BNA_G
ClientSampleId :
COMP-2

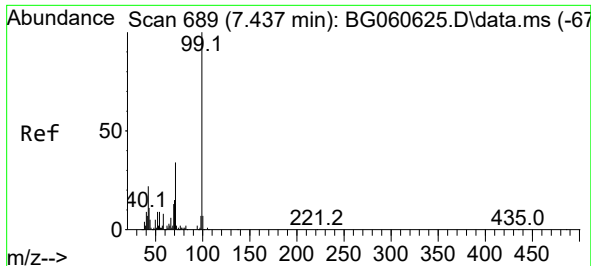
Tgt Ion:152 Resp: 100919
Ion Ratio Lower Upper
152 100
150 149.1 126.6 190.0
115 64.4 47.8 71.8



#5
2-Fluorophenol
Concen: 88.695 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.004 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion:112 Resp: 569406
Ion Ratio Lower Upper
112 100
64 69.4 54.1 81.1
63 36.2 30.3 45.5

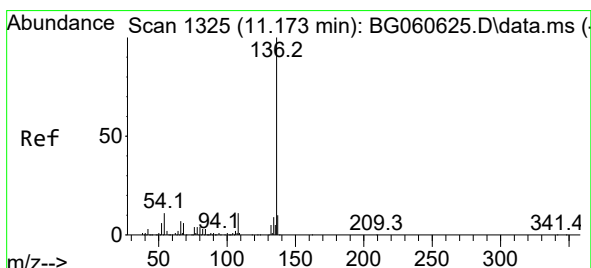
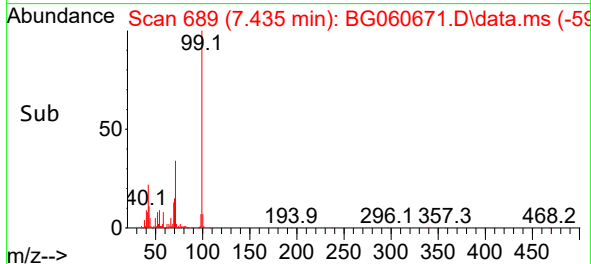
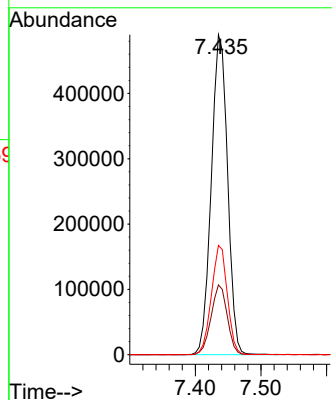
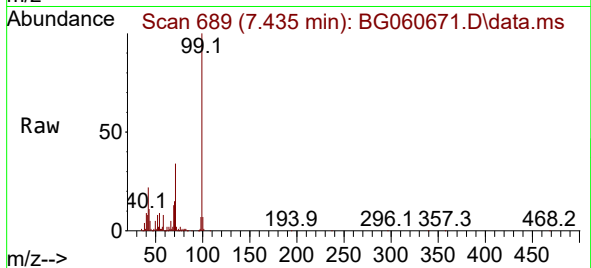




#7
Phenol-d6
Concen: 90.604 ng
RT: 7.435 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

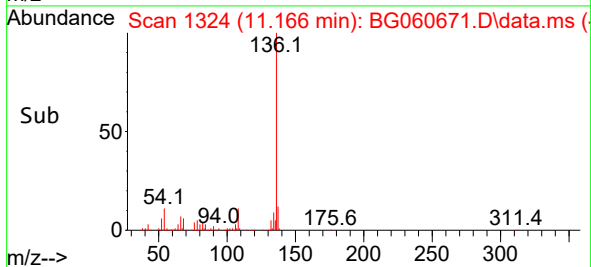
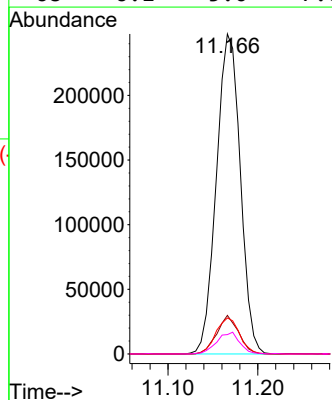
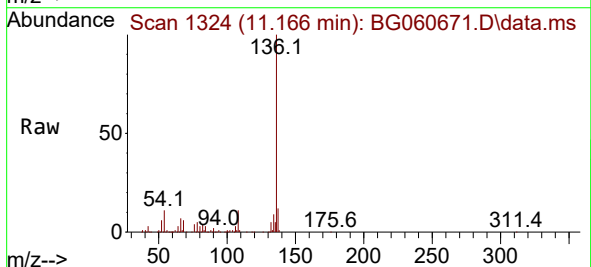
Instrument :
BNA_G
ClientSampleId :
COMP-2

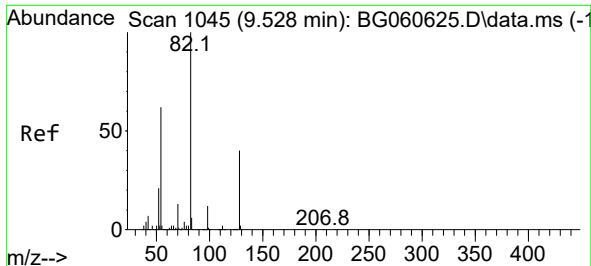
Tgt Ion: 99 Resp: 843766
Ion Ratio Lower Upper
99 100
42 21.8 17.5 26.3
71 34.2 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion: 136 Resp: 457451
Ion Ratio Lower Upper
136 100
137 12.1 8.4 12.6
54 11.3 8.5 12.7
68 6.1 5.0 7.6

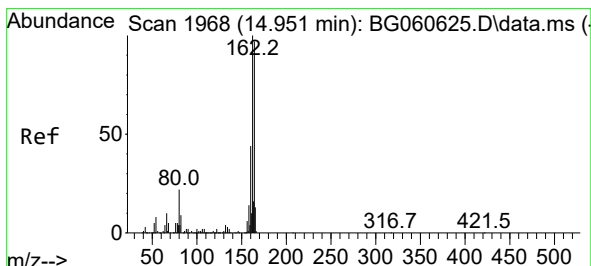
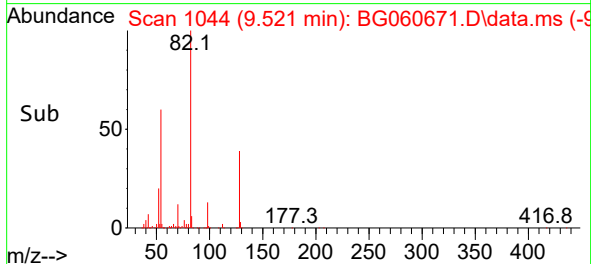
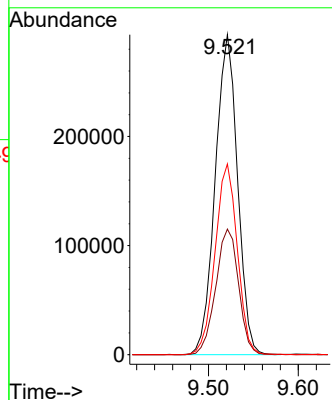
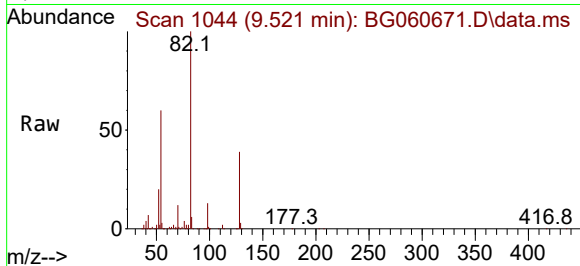




#23
Nitrobenzene-d5
Concen: 57.614 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

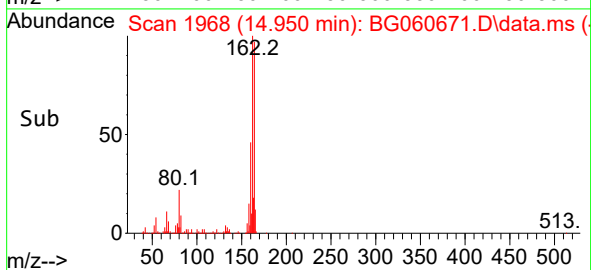
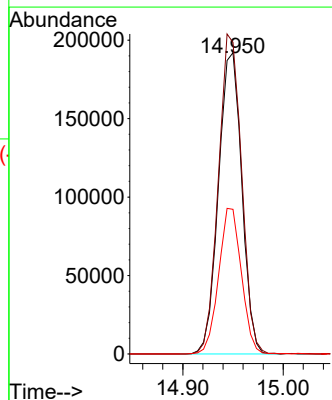
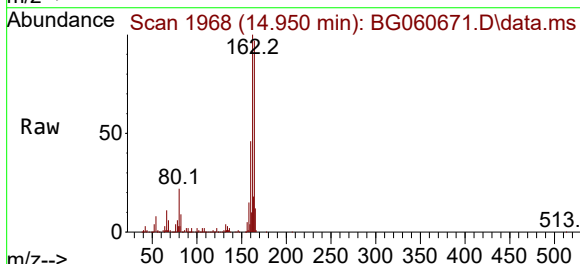
Instrument :
BNA_G
ClientSampleId :
COMP-2

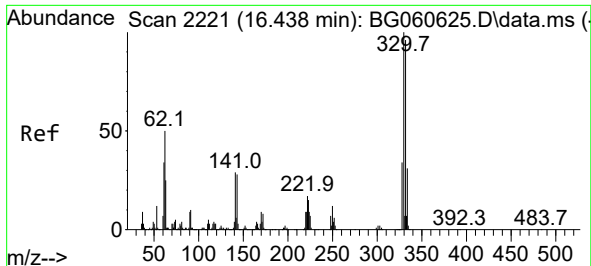
Tgt Ion: 82 Resp: 506414
Ion Ratio Lower Upper
82 100
128 39.2 31.6 47.4
54 59.6 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion: 164 Resp: 309482
Ion Ratio Lower Upper
164 100
162 103.4 82.5 123.7
160 48.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 93.666 ng

RT: 16.431 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060671.D

Acq: 15 Mar 2024 20:12

Instrument :

BNA_G

ClientSampleId :

COMP-2

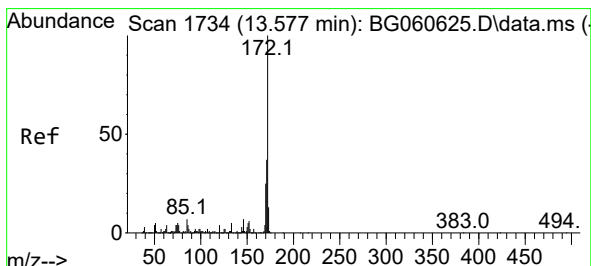
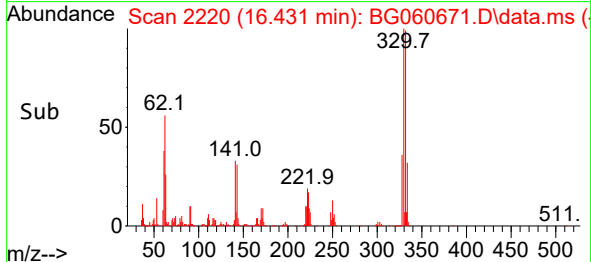
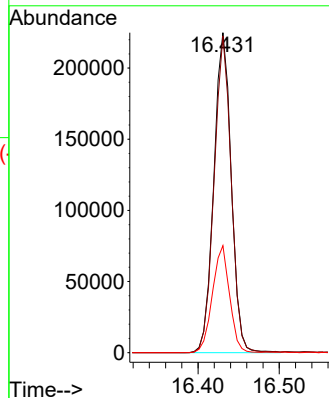
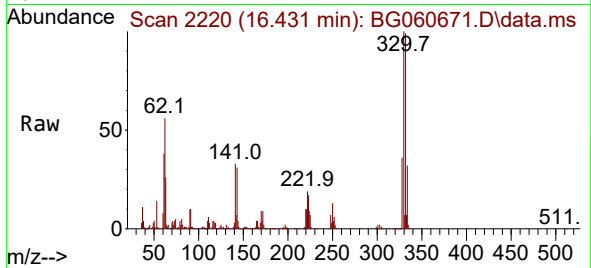
Tgt Ion:330 Resp: 335909

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 32.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 55.562 ng

RT: 13.575 min Scan# 1734

Delta R.T. -0.001 min

Lab File: BG060671.D

Acq: 15 Mar 2024 20:12

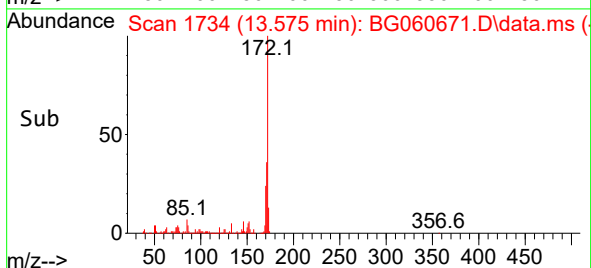
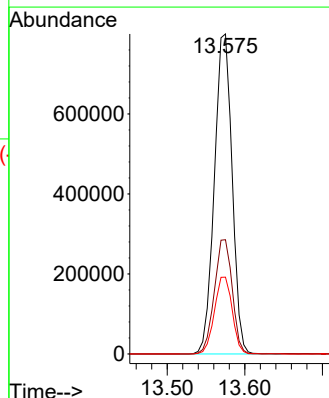
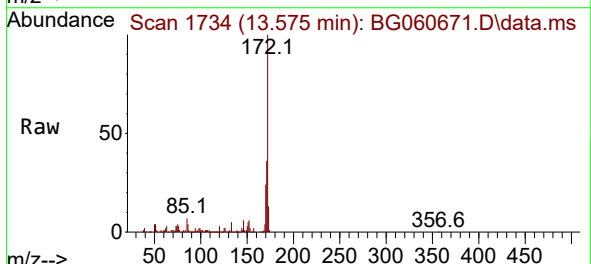
Tgt Ion:172 Resp: 1271805

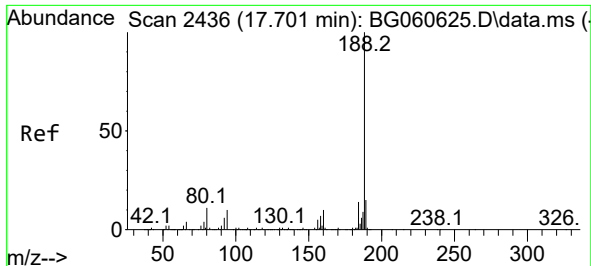
Ion Ratio Lower Upper

172 100

171 35.7 29.9 44.9

170 24.0 19.8 29.6

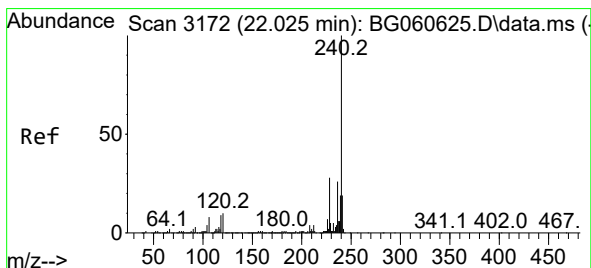
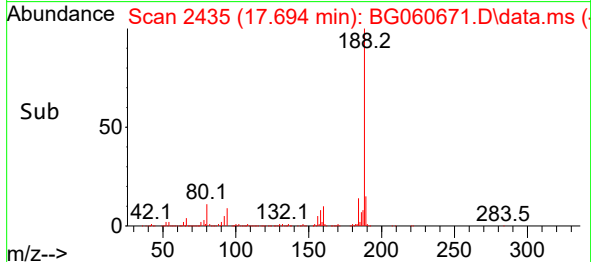
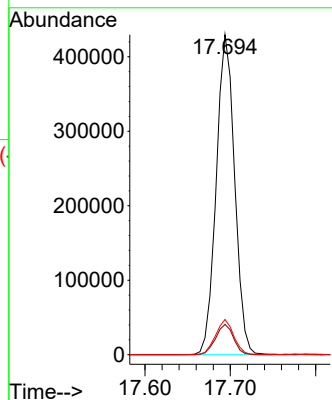
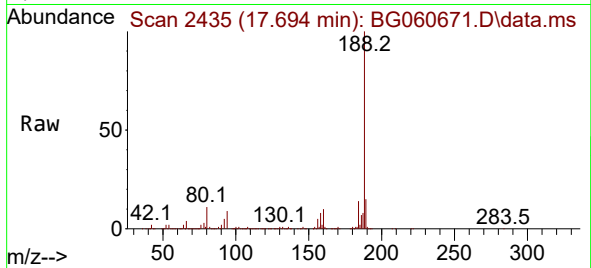




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

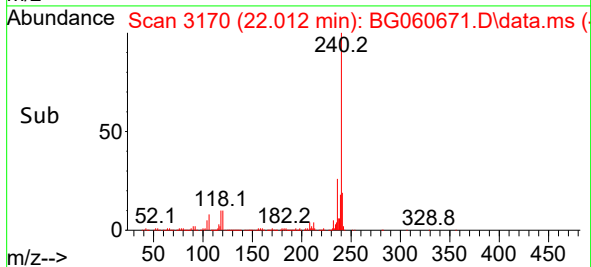
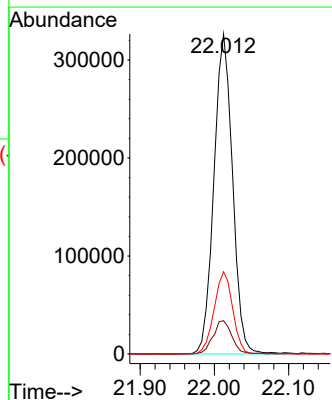
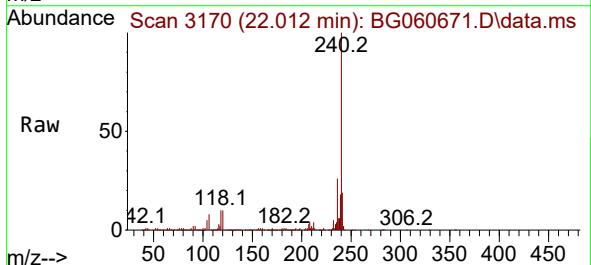
Instrument :
BNA_G
ClientSampleId :
COMP-2

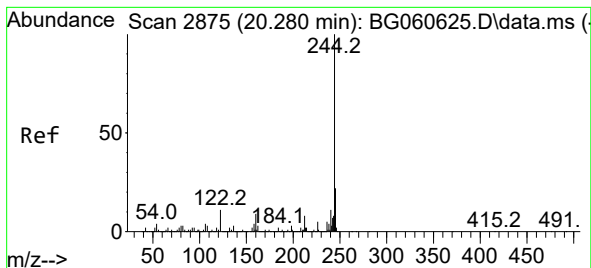
Tgt Ion:188 Resp: 644928
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 11.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BG060671.D
Acq: 15 Mar 2024 20:12

Tgt Ion:240 Resp: 569166
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.8
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 58.219 ng

RT: 20.273 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060671.D

Acq: 15 Mar 2024 20:12

Instrument :

BNA_G

ClientSampleId :

COMP-2

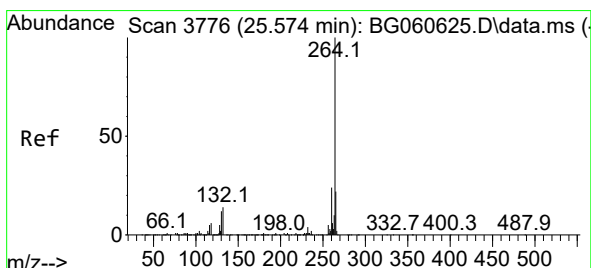
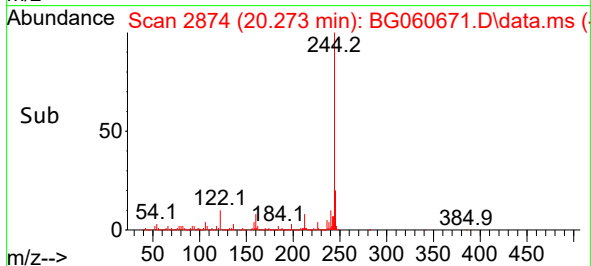
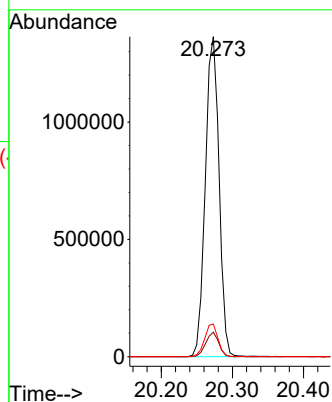
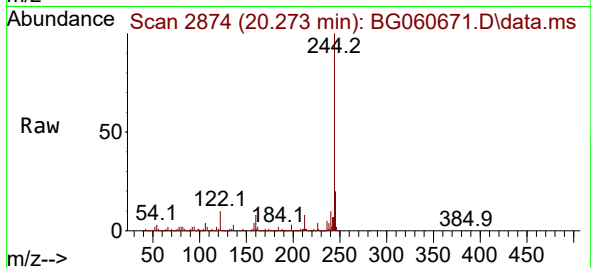
Tgt Ion:244 Resp: 1833211

Ion Ratio Lower Upper

244 100

212 7.6 6.6 9.8

122 10.2 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.567 min Scan# 3775

Delta R.T. -0.007 min

Lab File: BG060671.D

Acq: 15 Mar 2024 20:12

Tgt Ion:264 Resp: 669999

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.3 18.1 27.1

