

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060664.D
 Acq On : 15 Mar 2024 14:27
 Operator : MA/JU
 Sample : P1771-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Mar 15 16:37:47 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	8.323	152	120724	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	517234	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	310006	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	547230	20.000	ng	# 0.00
76) Chrysene-d12	22.019	240	531105	20.000	ng	0.00
86) Perylene-d12	25.574	264	636689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	682156	88.826	ng	0.00
7) Phenol-d6	7.436	99	980906	88.051	ng	0.00
23) Nitrobenzene-d5	9.522	82	608552	61.232	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	332086	92.443	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	1406729	61.352	ng	0.00
79) Terphenyl-d14	20.280	244	1691351	57.563	ng	0.00

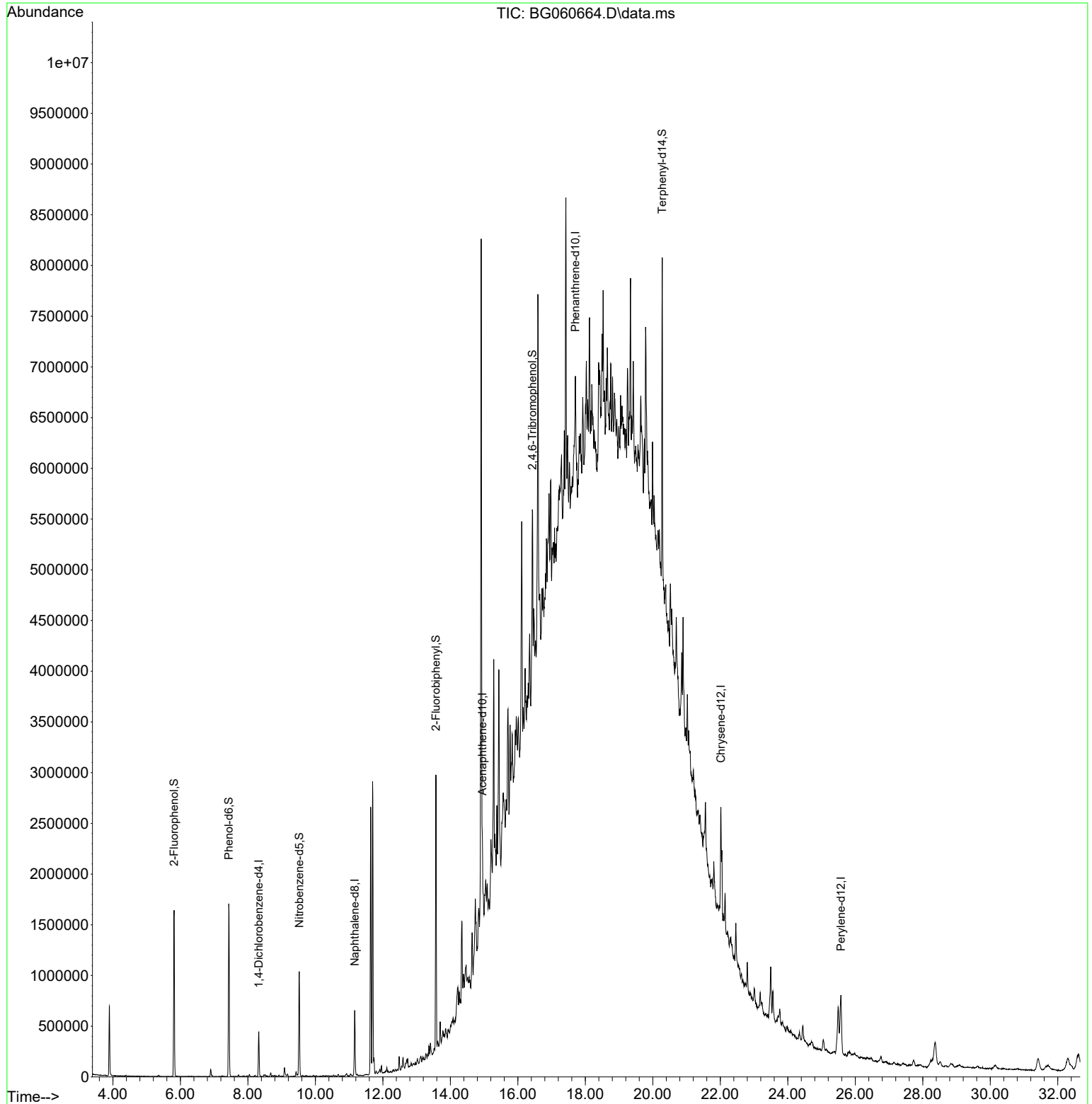
Target Compounds	Qvalue

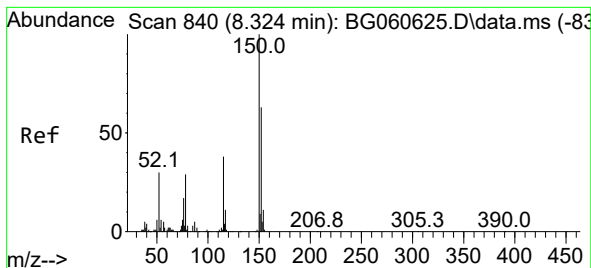
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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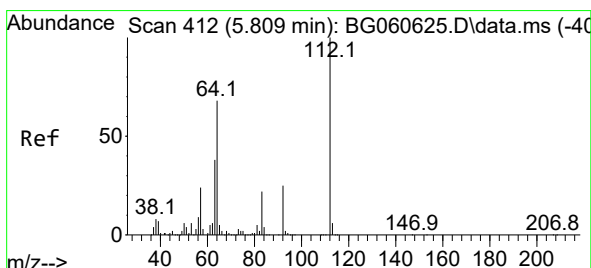
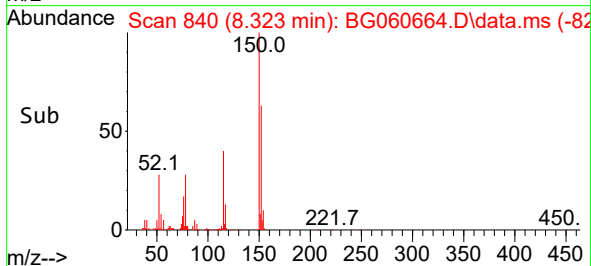
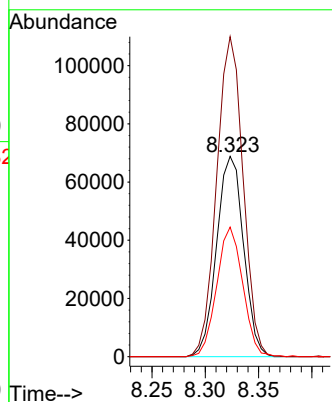
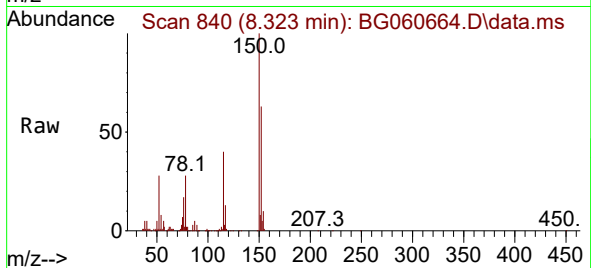




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

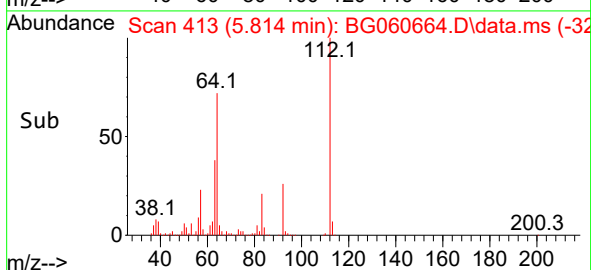
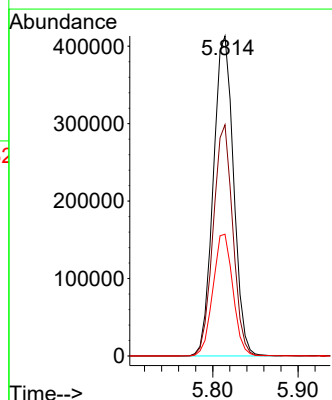
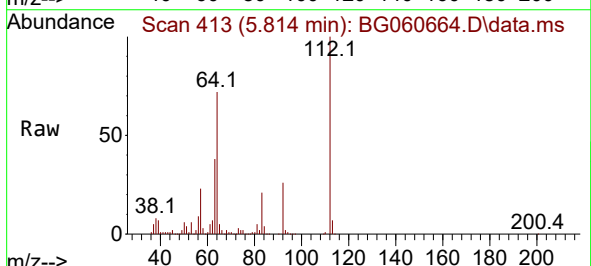
Instrument :
BNA_G
ClientSampleId :
COMP-2

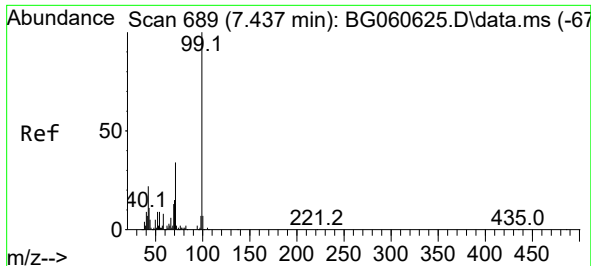
Tgt Ion:152 Resp: 120724
Ion Ratio Lower Upper
152 100
150 159.8 126.6 190.0
115 64.7 47.8 71.8



#5
2-Fluorophenol
Concen: 88.826 ng
RT: 5.814 min Scan# 413
Delta R.T. 0.005 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion:112 Resp: 682156
Ion Ratio Lower Upper
112 100
64 72.3 54.1 81.1
63 38.1 30.3 45.5

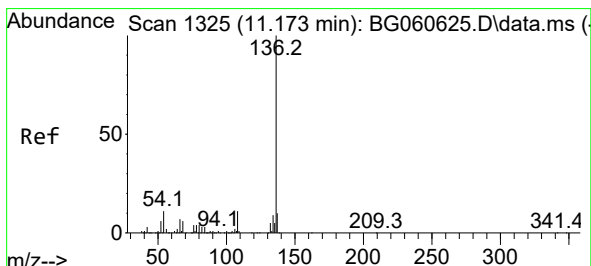
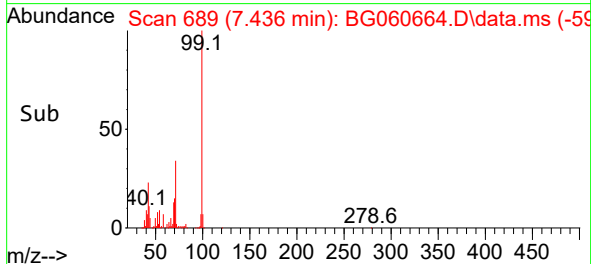
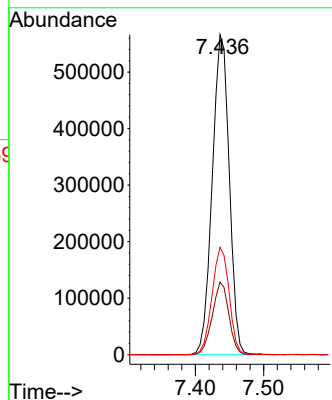
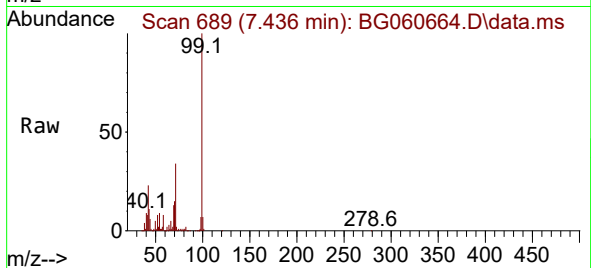




#7
Phenol-d6
Concen: 88.051 ng
RT: 7.436 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

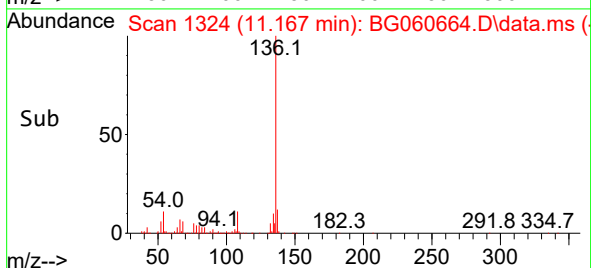
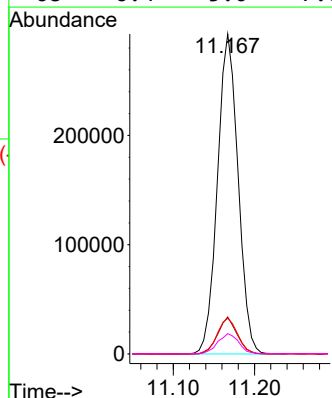
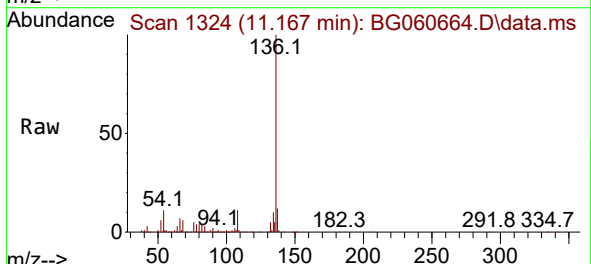
Instrument :
BNA_G
ClientSampleId :
COMP-2

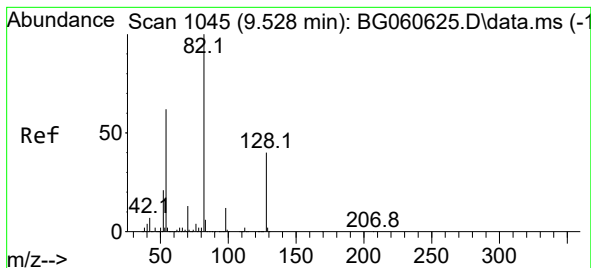
Tgt Ion: 99 Resp: 980906
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 33.6 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 136 Resp: 517234
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 11.2 8.5 12.7
68 6.4 5.0 7.6

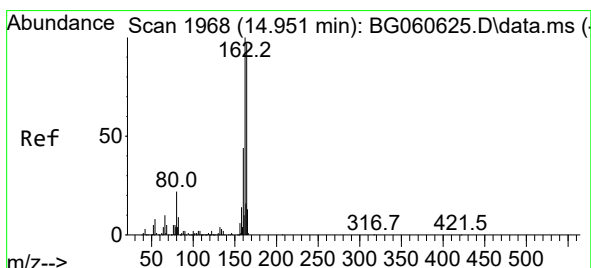
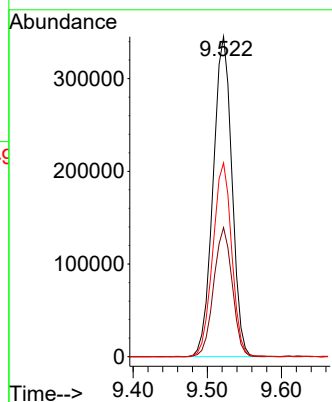
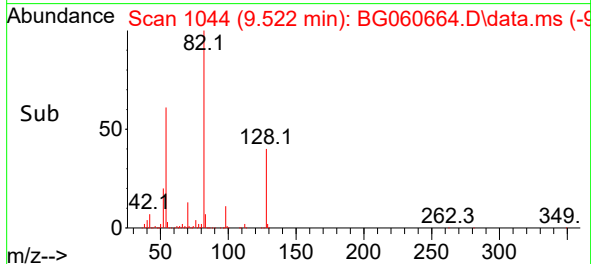
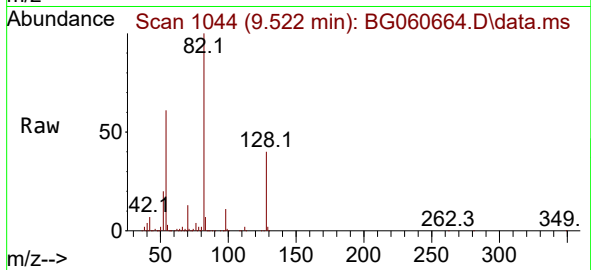




#23
Nitrobenzene-d5
Concen: 61.232 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

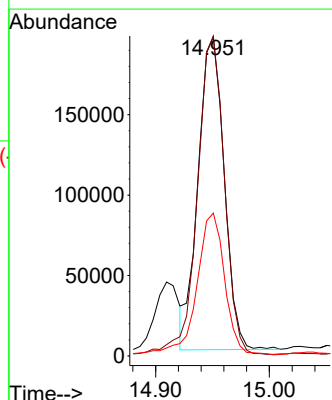
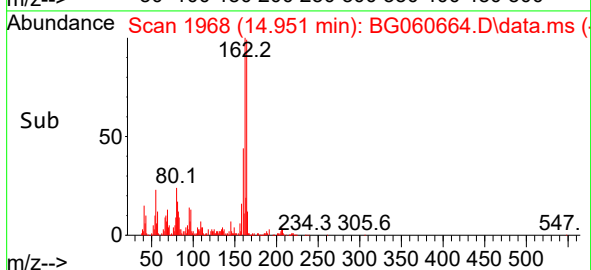
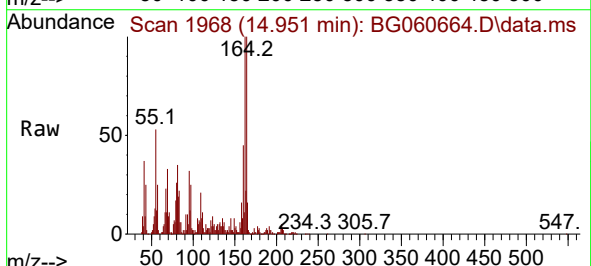
Instrument :
BNA_G
ClientSampleId :
COMP-2

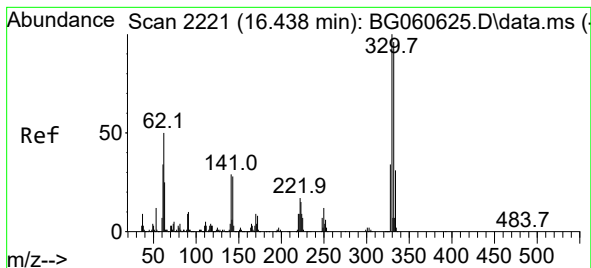
Tgt Ion: 82 Resp: 608552
Ion Ratio Lower Upper
82 100
128 40.4 31.6 47.4
54 60.5 49.3 73.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.951 min Scan# 1968
Delta R.T. -0.001 min
Lab File: BG060664.D
Acq: 15 Mar 2024 14:27

Tgt Ion: 164 Resp: 310006
Ion Ratio Lower Upper
164 100
162 100.4 82.5 123.7
160 44.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 92.443 ng

RT: 16.437 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060664.D

Acq: 15 Mar 2024 14:27

Instrument :

BNA_G

ClientSampleId :

COMP-2

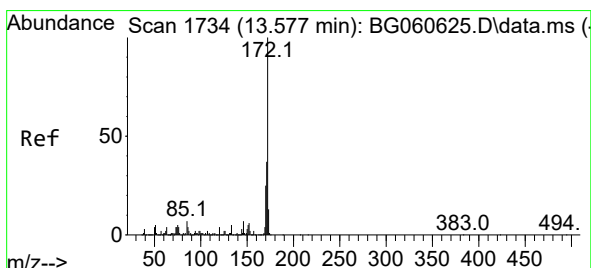
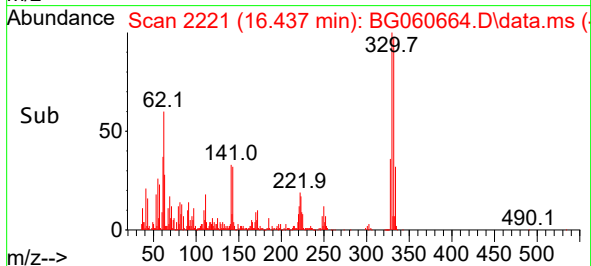
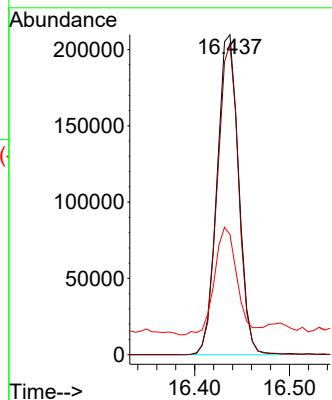
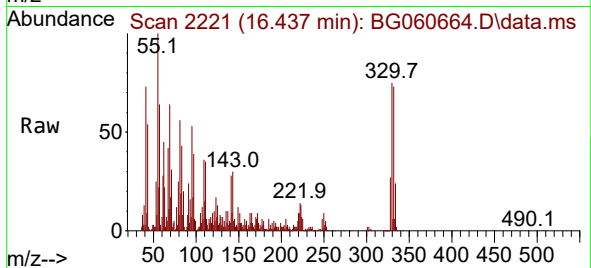
Tgt Ion:330 Resp: 332086

Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.8

141 35.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 61.352 ng

RT: 13.570 min Scan# 1733

Delta R.T. -0.007 min

Lab File: BG060664.D

Acq: 15 Mar 2024 14:27

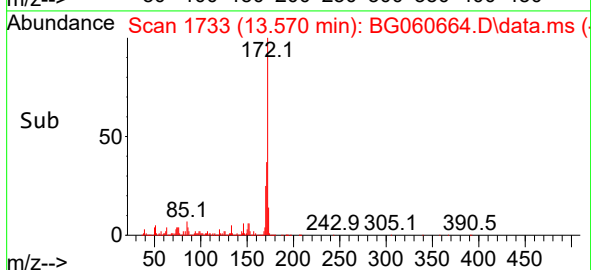
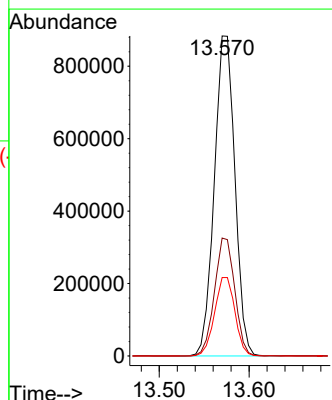
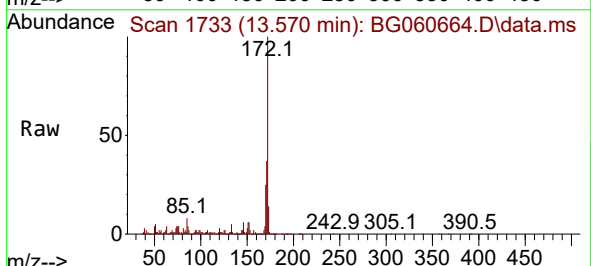
Tgt Ion:172 Resp: 1406729

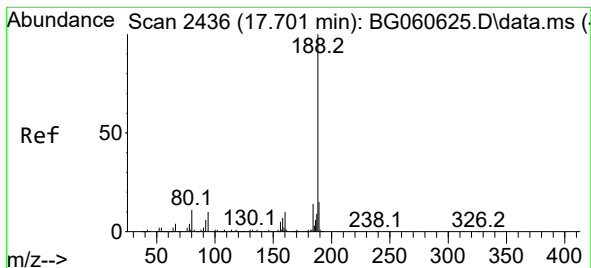
Ion Ratio Lower Upper

172 100

171 36.9 29.9 44.9

170 24.5 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.706 min Scan# 2436

Delta R.T. 0.005 min

Lab File: BG060664.D

Acq: 15 Mar 2024 14:27

Instrument :

BNA_G

ClientSampleId :

COMP-2

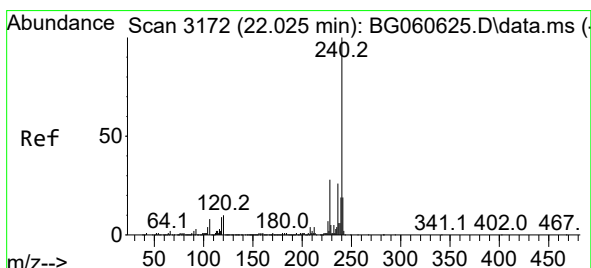
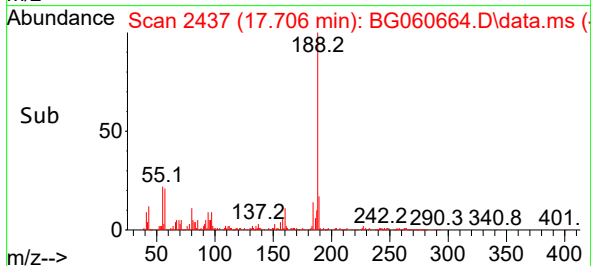
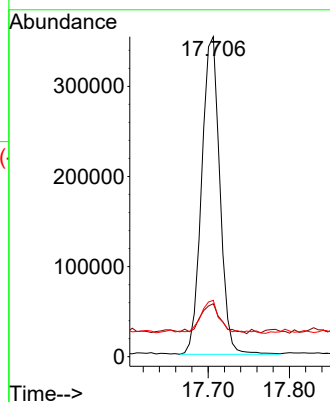
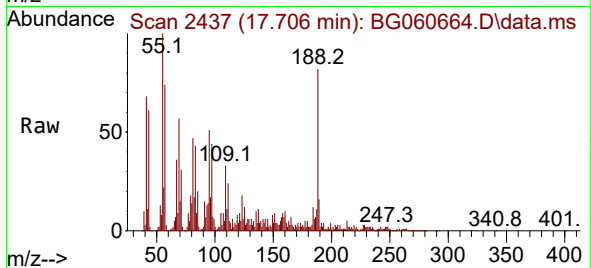
Tgt Ion:188 Resp: 547230

Ion Ratio Lower Upper

188 100

94 16.6 7.9 11.9#

80 17.6 8.6 13.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.019 min Scan# 3171

Delta R.T. -0.007 min

Lab File: BG060664.D

Acq: 15 Mar 2024 14:27

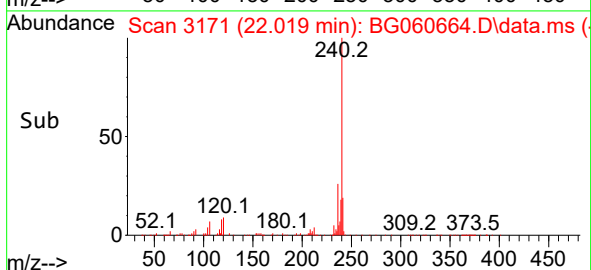
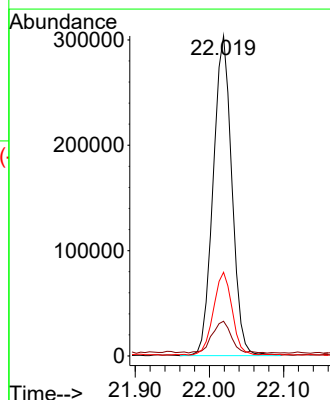
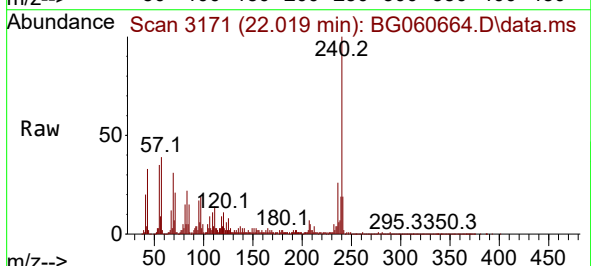
Tgt Ion:240 Resp: 531105

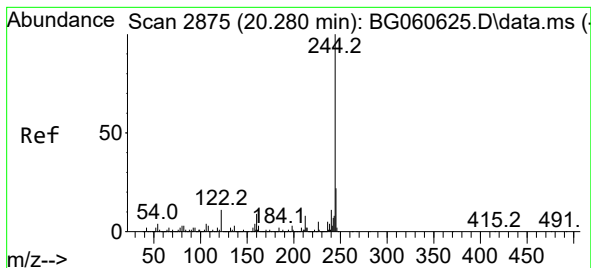
Ion Ratio Lower Upper

240 100

120 10.9 7.8 11.8

236 26.2 20.6 31.0





#79

Terphenyl-d14

Concen: 57.563 ng

RT: 20.280 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG060664.D

Acq: 15 Mar 2024 14:27

Instrument :

BNA_G

ClientSampleId :

COMP-2

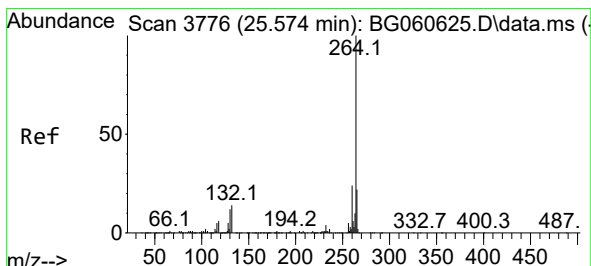
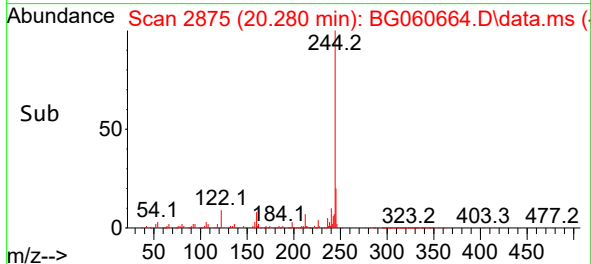
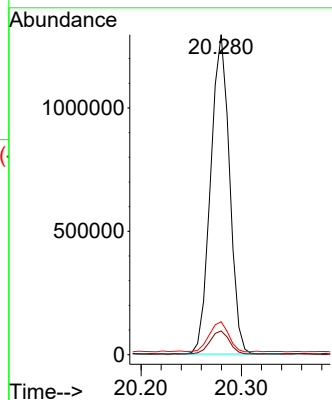
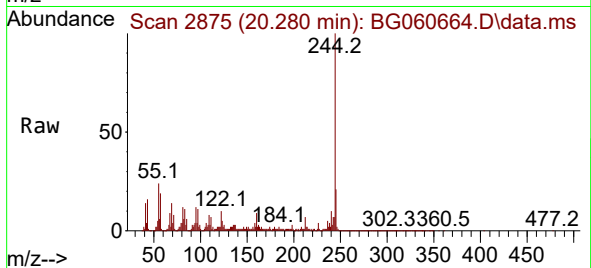
Tgt Ion:244 Resp: 1691351

Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

122 10.3 8.5 12.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.574 min Scan# 3776

Delta R.T. -0.001 min

Lab File: BG060664.D

Acq: 15 Mar 2024 14:27

Tgt Ion:264 Resp: 636689

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.2 18.1 27.1

