

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064194.D
 Acq On : 4 Apr 2025 9:28
 Operator : RC/JU
 Sample : Q1705-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-327

Quant Time: Apr 04 19:02:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	25289	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	116932	20.000	ng	#-0.01
39) Acenaphthene-d10	14.479	164	93690	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	219086	20.000	ng	-0.01
76) Chrysene-d12	21.448	240	224612	20.000	ng	-0.01
86) Perylene-d12	24.462	264	240188	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	97141	59.979	ng	0.00
7) Phenol-d6	7.024	99	177805	80.700	ng	0.00
23) Nitrobenzene-d5	9.004	82	132430	62.586	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	15012	14.415	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	366001	59.296	ng	-0.01
79) Terphenyl-d14	19.838	244	719530	64.773	ng	-0.01

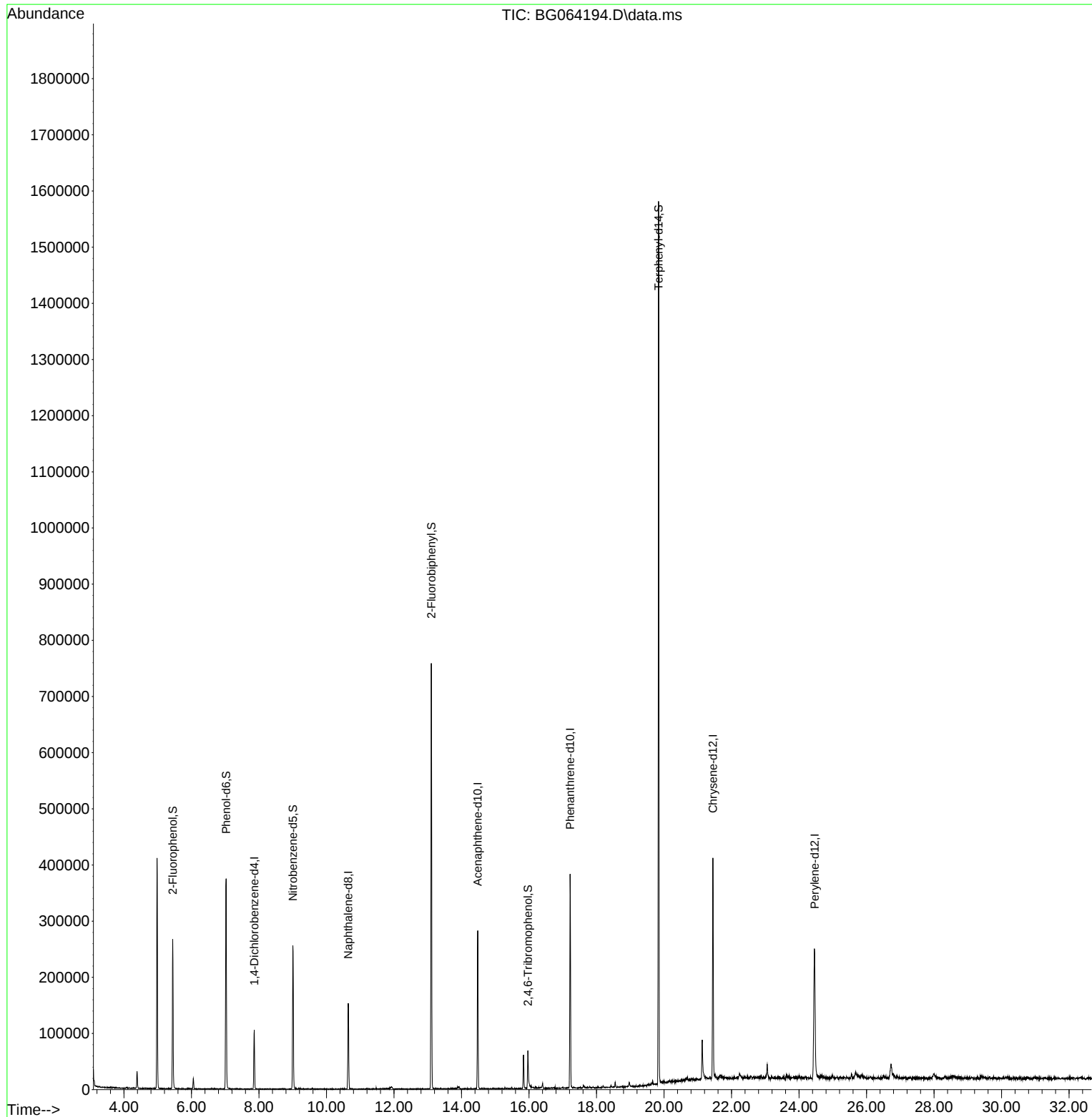
Target Compounds	Qvalue

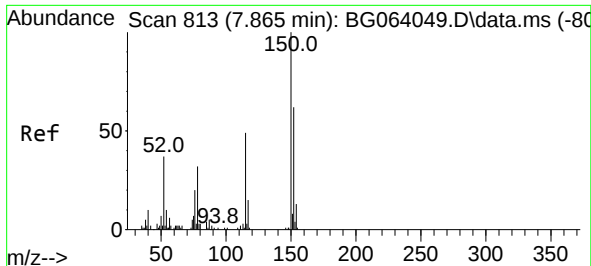
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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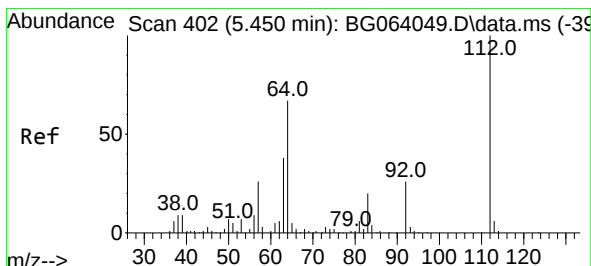
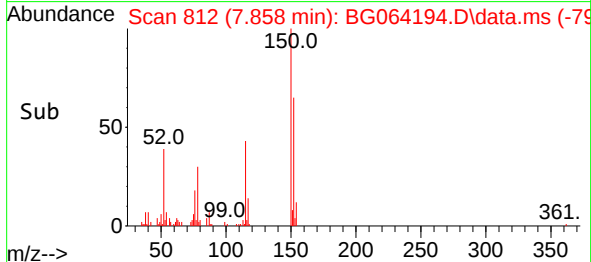
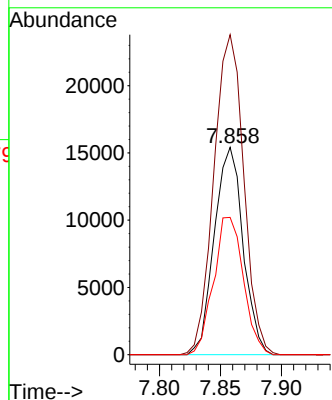
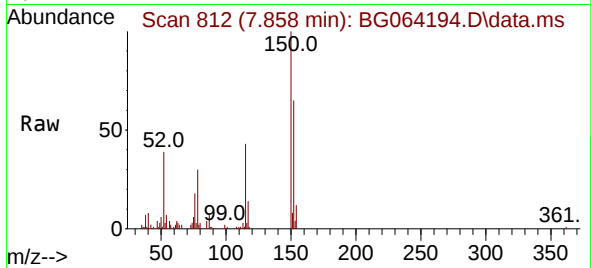




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 813
Delta R.T. -0.007 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

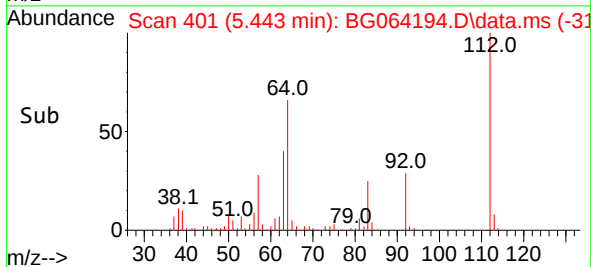
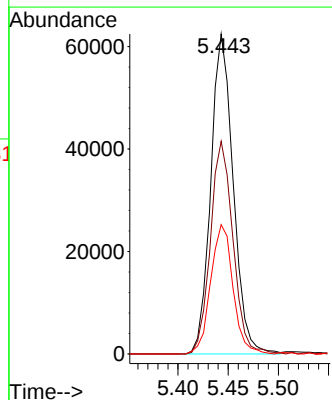
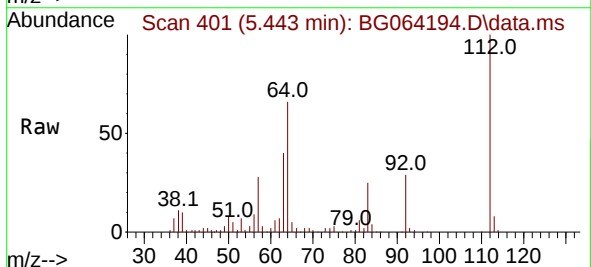
Instrument :
BNA_G
ClientSampleId :
ETGI-327

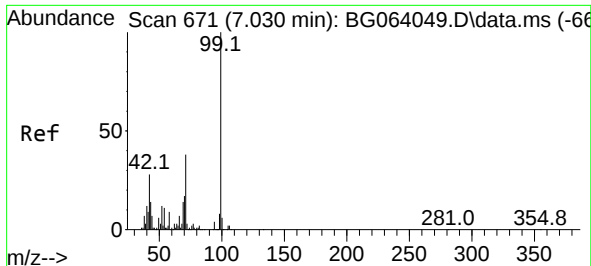
Tgt Ion:152 Resp: 25289
Ion Ratio Lower Upper
152 100
150 154.4 129.2 193.8
115 66.2 63.0 94.6



#5
2-Fluorophenol
Concen: 59.979 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.007 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Tgt Ion:112 Resp: 97141
Ion Ratio Lower Upper
112 100
64 66.5 53.7 80.5
63 40.4 30.2 45.4

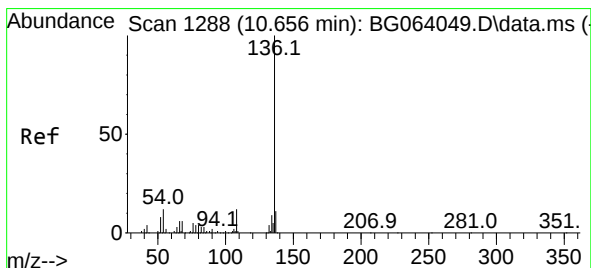
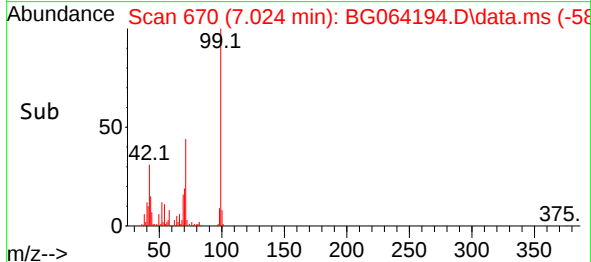
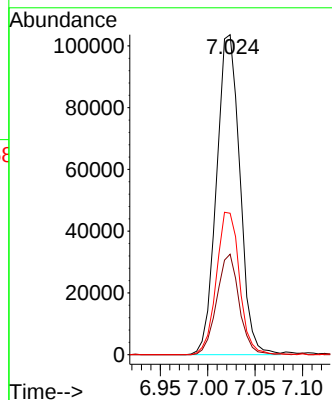
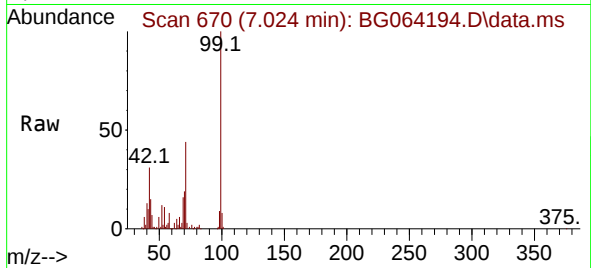




#7
Phenol-d6
Concen: 80.700 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

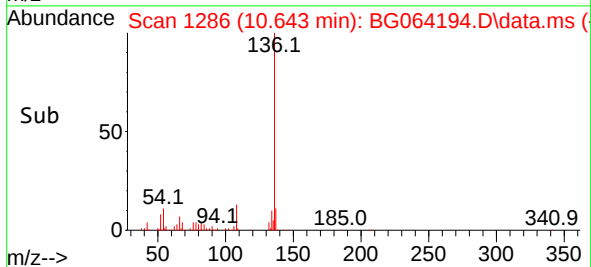
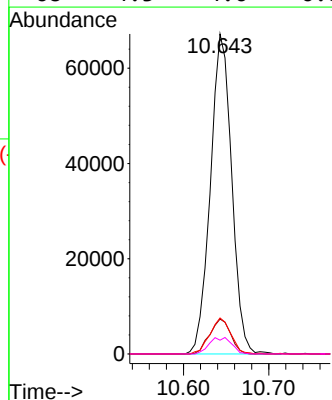
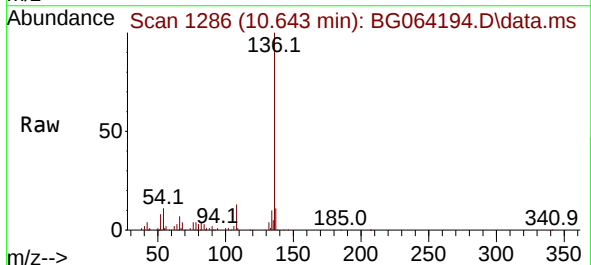
Instrument :
BNA_G
ClientSampleId :
ETGI-327

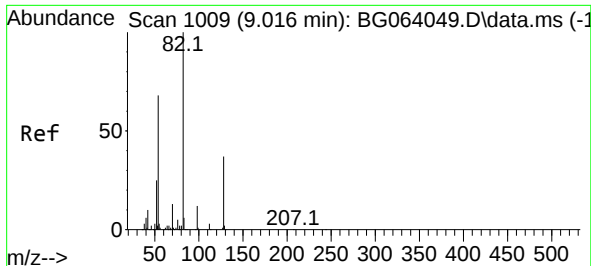
Tgt Ion: 99 Resp: 177805
Ion Ratio Lower Upper
99 100
42 31.4 22.7 34.1
71 44.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 1286
Delta R.T. -0.013 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Tgt Ion: 136 Resp: 116932
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.3 9.9 14.9
68 4.3 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 62.586 ng

RT: 9.004 min Scan# 1007

Delta R.T. -0.013 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

Instrument :

BNA_G

ClientSampleId :

ETGI-327

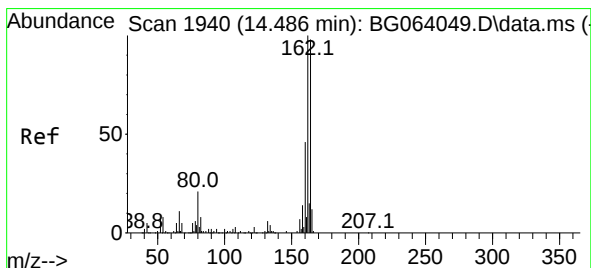
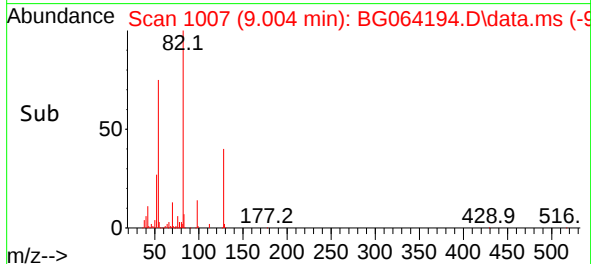
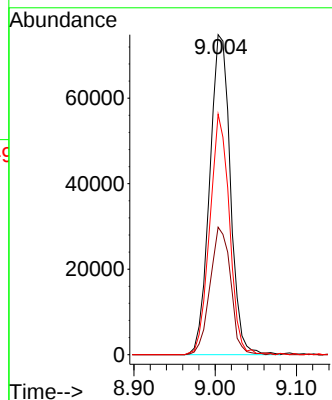
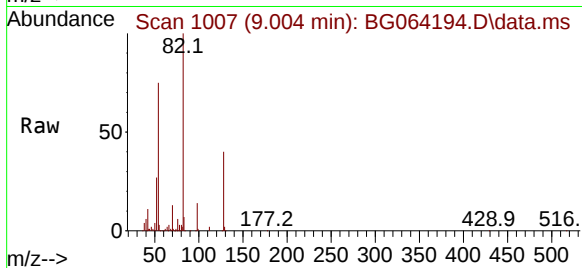
Tgt Ion: 82 Resp: 132430

Ion Ratio Lower Upper

82 100

128 39.9 30.0 45.0

54 75.2 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.479 min Scan# 1939

Delta R.T. -0.007 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

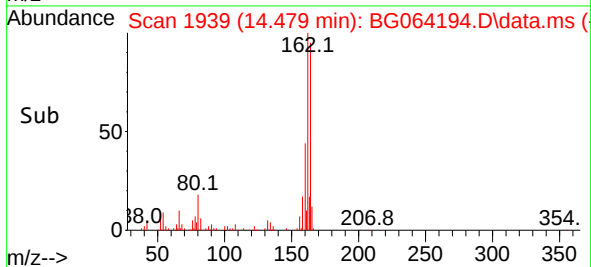
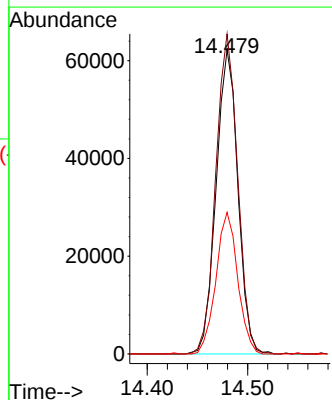
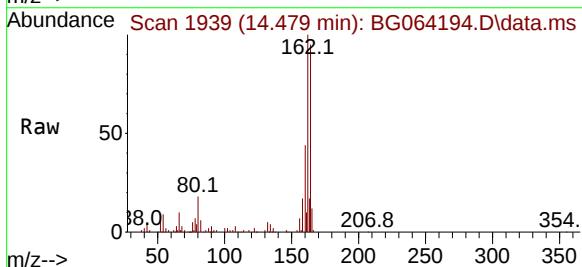
Tgt Ion:164 Resp: 93690

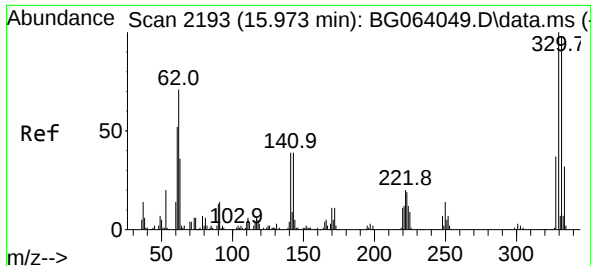
Ion Ratio Lower Upper

164 100

162 105.2 81.4 122.0

160 46.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 14.415 ng

RT: 15.966 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

Instrument :

BNA_G

ClientSampleId :

ETGI-327

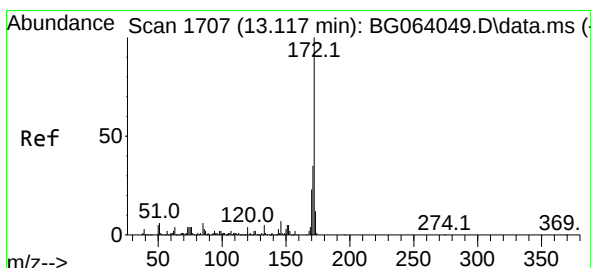
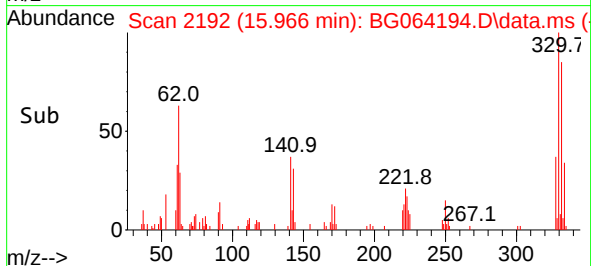
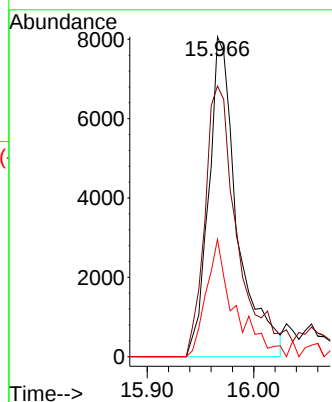
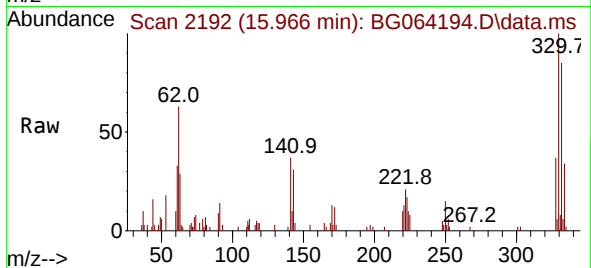
Tgt Ion:330 Resp: 15012

Ion Ratio Lower Upper

330 100

332 98.3 76.7 115.1

141 36.4 29.7 44.5



#45

2-Fluorobiphenyl

Concen: 59.296 ng

RT: 13.105 min Scan# 1705

Delta R.T. -0.013 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

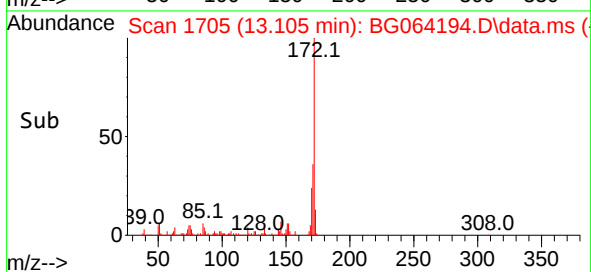
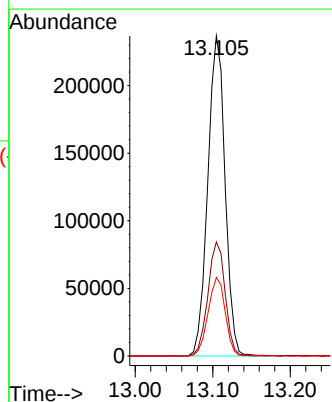
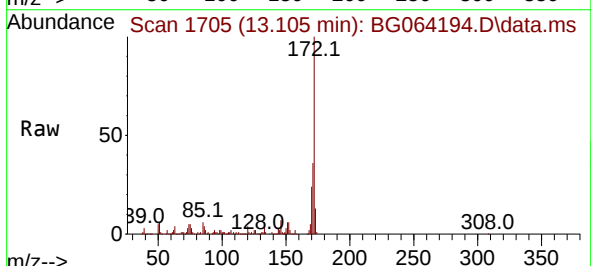
Tgt Ion:172 Resp: 366001

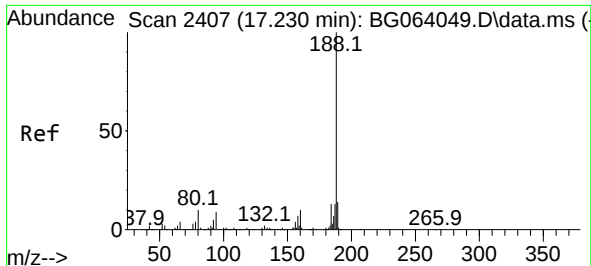
Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 24.5 18.7 28.1

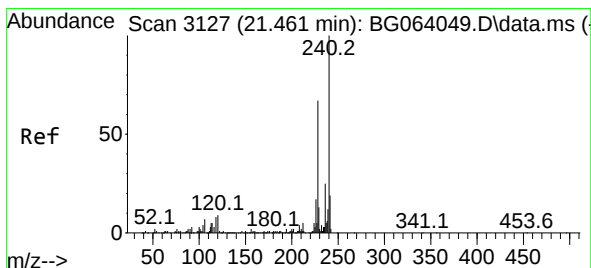
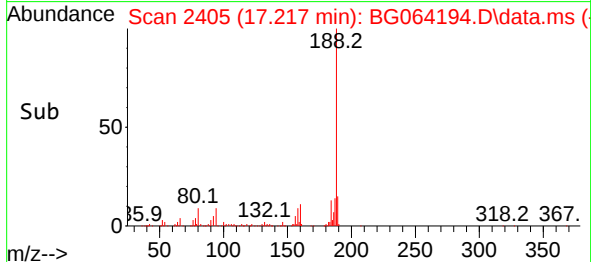
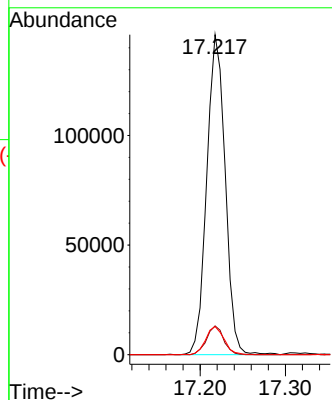
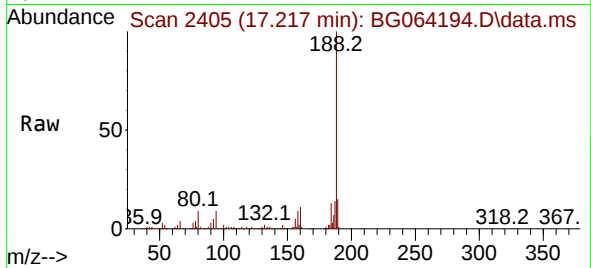




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.217 min Scan# 2405
Delta R.T. -0.013 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

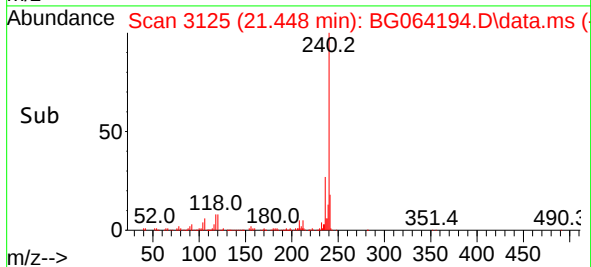
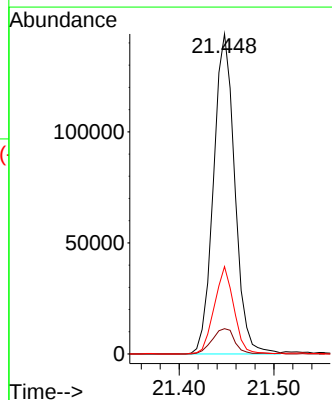
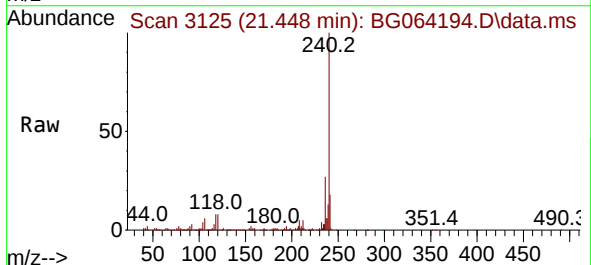
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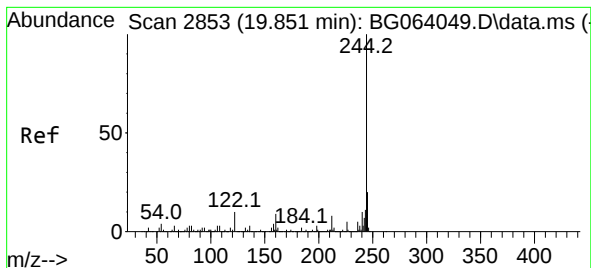
Tgt Ion:188 Resp: 219086
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 8.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.013 min
Lab File: BG064194.D
Acq: 4 Apr 2025 9:28

Tgt Ion:240 Resp: 224612
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 27.3 20.2 30.2





#79

Terphenyl-d14

Concen: 64.773 ng

RT: 19.838 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

Instrument :

BNA_G

ClientSampleId :

ETGI-327

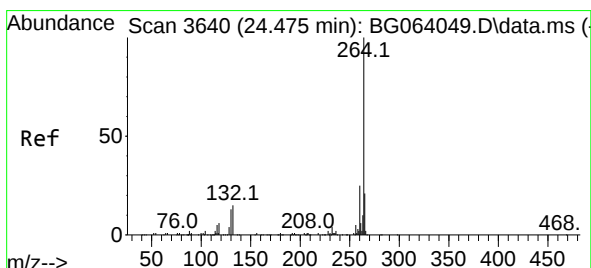
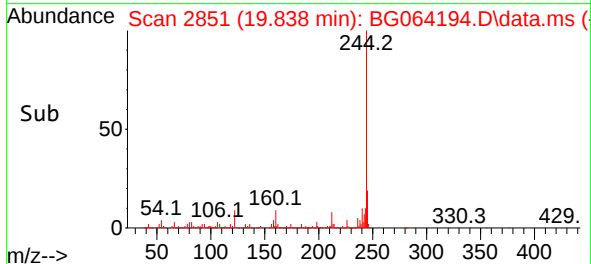
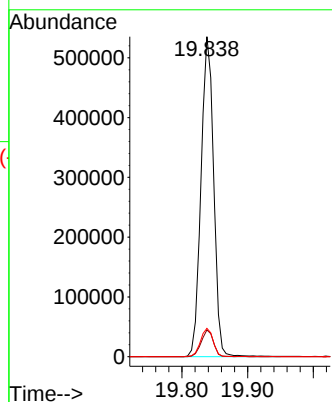
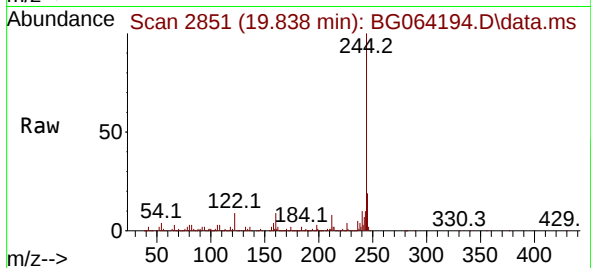
Tgt Ion:244 Resp: 719530

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

122 8.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3638

Delta R.T. -0.013 min

Lab File: BG064194.D

Acq: 4 Apr 2025 9:28

Tgt Ion:264 Resp: 240188

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.4 16.6 25.0

