

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
 Data File : BG064054.D
 Acq On : 5 Mar 2025 15:50
 Operator : RC/JU
 Sample : PB166970BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166970BL

Quant Time: Mar 05 16:23:00 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	7.862	152	28122	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	117232	20.000	ng	0.00
39) Acenaphthene-d10	14.489	164	83259	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	220855	20.000	ng	0.00
76) Chrysene-d12	21.457	240	228701	20.000	ng	0.00
86) Perylene-d12	24.477	264	245836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	272588	151.352	ng	0.00
7) Phenol-d6	7.027	99	352619	143.921	ng	0.00
23) Nitrobenzene-d5	9.013	82	225220	106.166	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	161205	174.185	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	552959	100.809	ng	0.00
79) Terphenyl-d14	19.853	244	1224584	108.268	ng	0.00

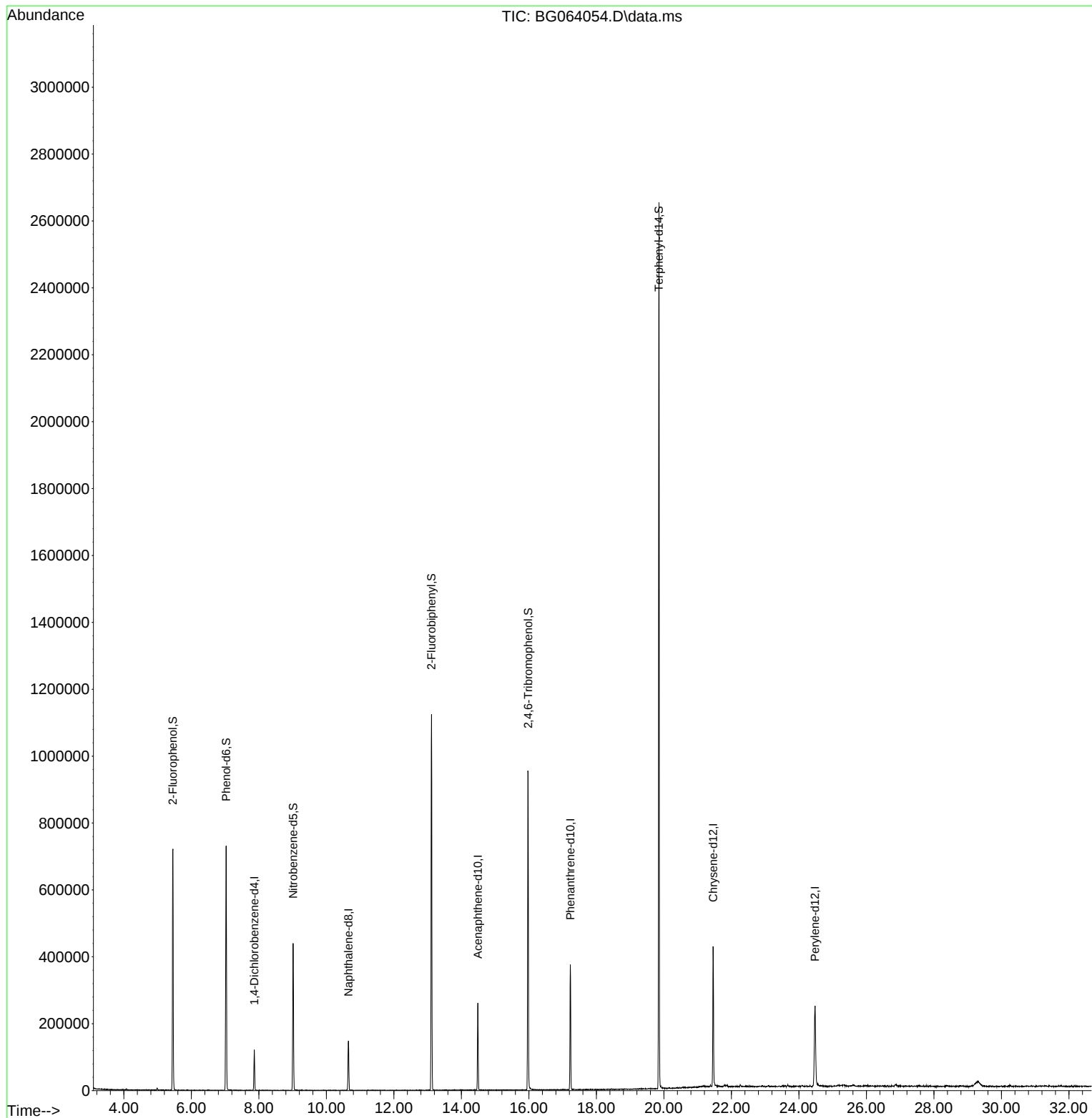
Target Compounds	Qvalue

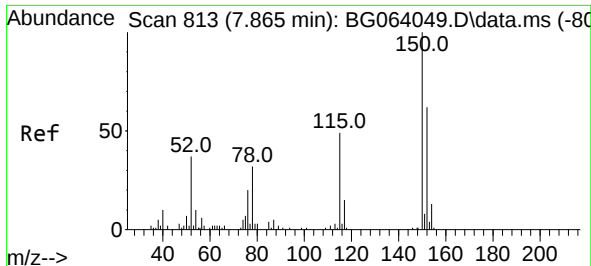
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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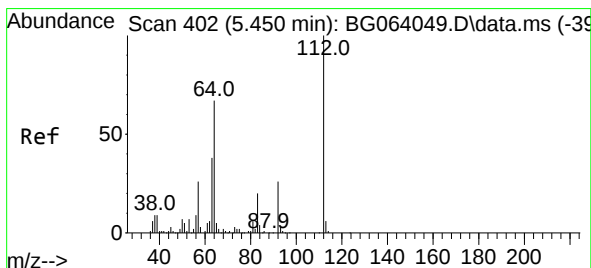
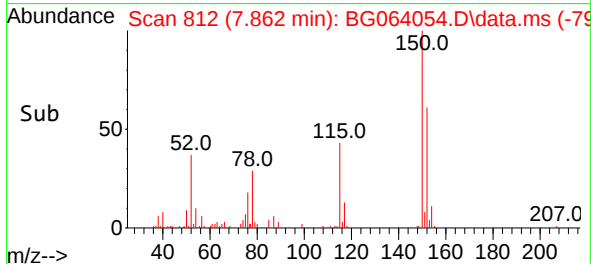
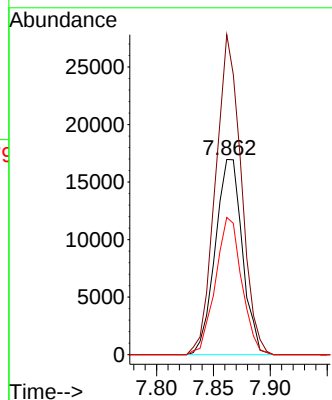
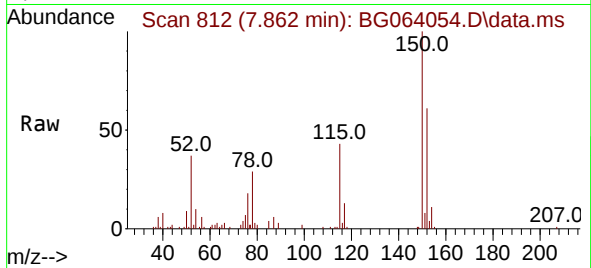




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50

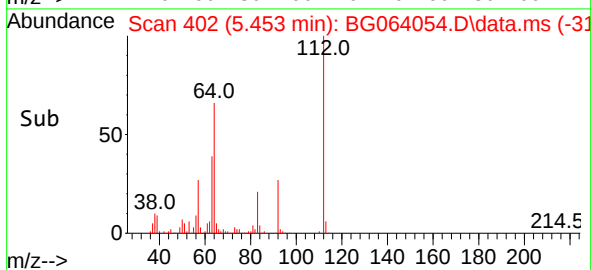
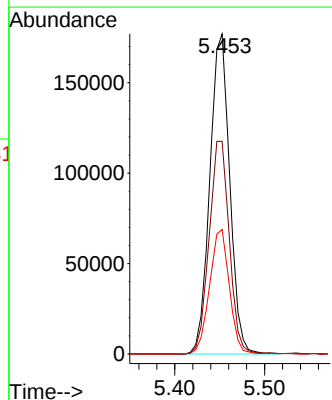
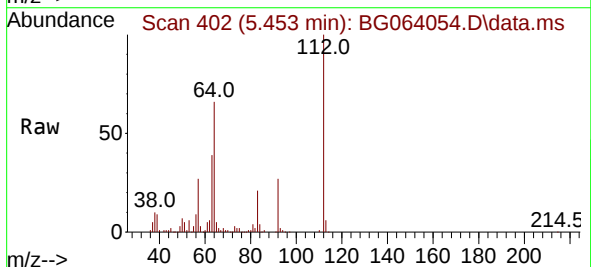
Instrument :
BNA_G
ClientSampleId :
PB166970BL

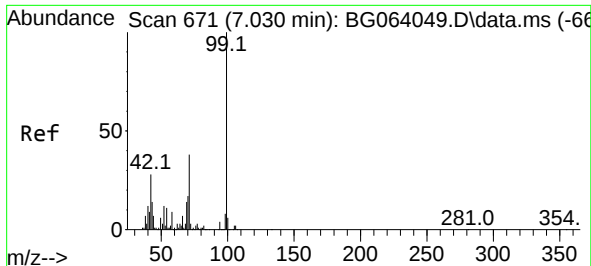
Tgt Ion:152 Resp: 28122
Ion Ratio Lower Upper
152 100
150 163.9 129.2 193.8
115 70.3 63.0 94.6



#5
2-Fluorophenol
Concen: 151.352 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50

Tgt Ion:112 Resp: 272588
Ion Ratio Lower Upper
112 100
64 66.5 53.7 80.5
63 38.9 30.2 45.4

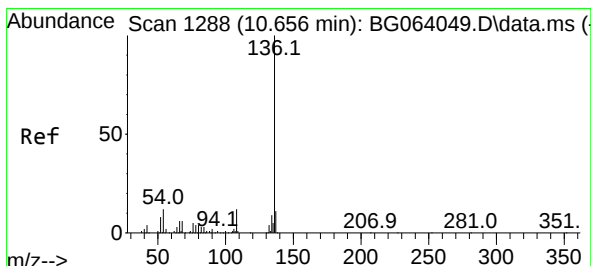
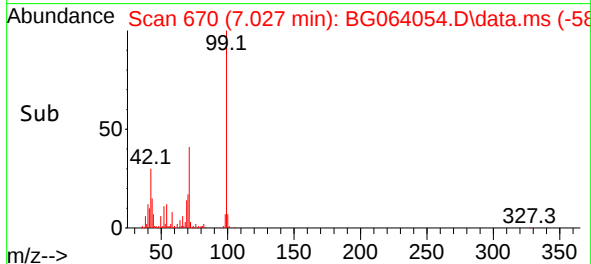
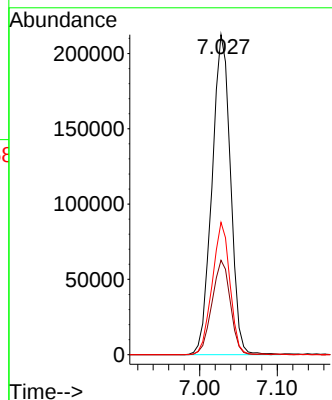
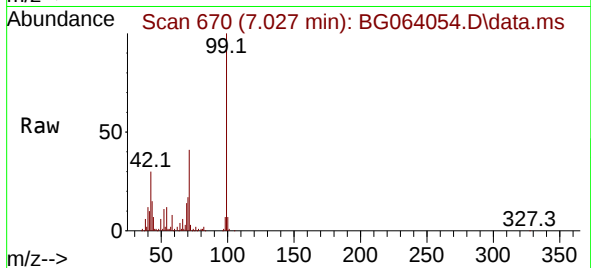




#7
Phenol-d6
Concen: 143.921 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50

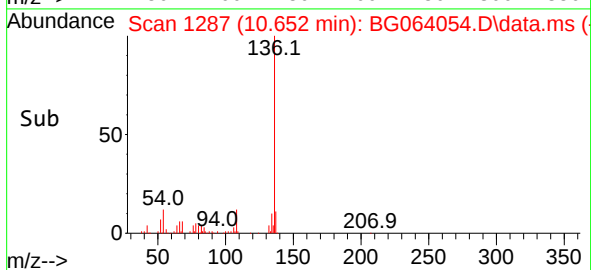
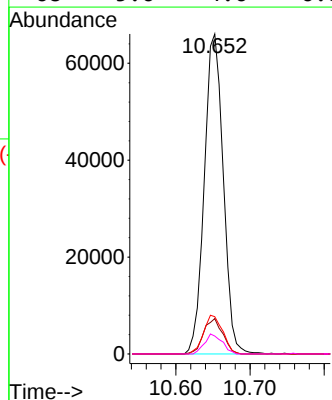
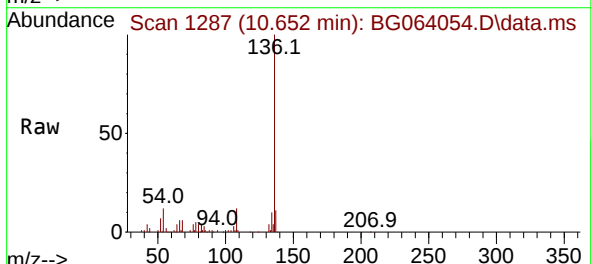
Instrument :
BNA_G
ClientSampleId :
PB166970BL

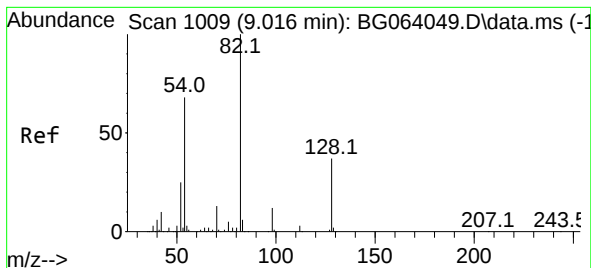
Tgt Ion: 99 Resp: 352619
Ion Ratio Lower Upper
99 100
42 29.5 22.7 34.1
71 41.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50

Tgt Ion: 136 Resp: 117232
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.7 9.9 14.9
68 5.6 4.6 6.8

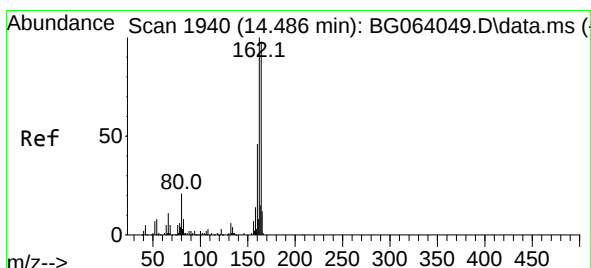
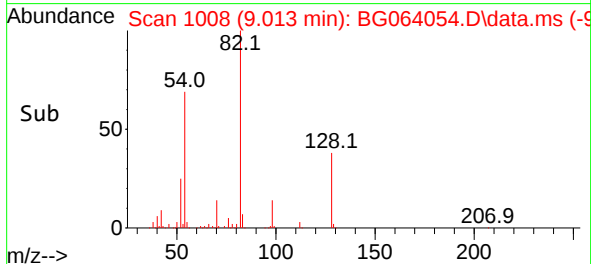
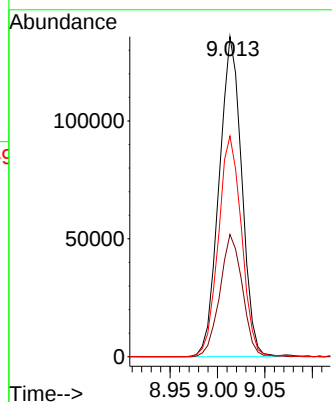
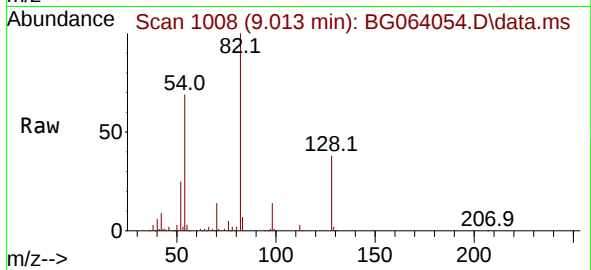




#23
Nitrobenzene-d5
Concen: 106.166 ng
RT: 9.013 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50

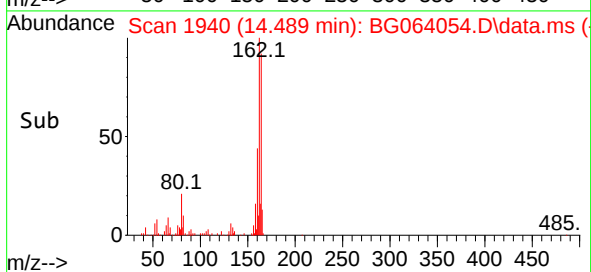
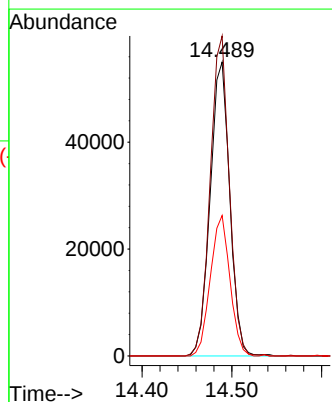
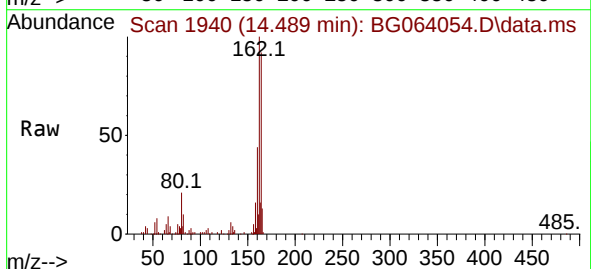
Instrument :
BNA_G
ClientSampleId :
PB166970BL

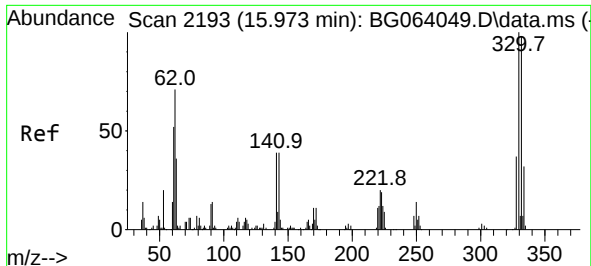
Tgt Ion: 82 Resp: 225220
Ion Ratio Lower Upper
82 100
128 38.2 30.0 45.0
54 68.9 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.489 min Scan# 1940
Delta R.T. 0.003 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50

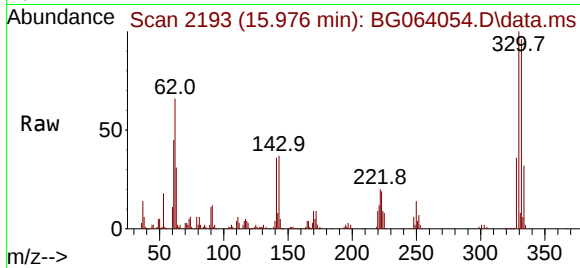
Tgt Ion:164 Resp: 83259
Ion Ratio Lower Upper
164 100
162 108.9 81.4 122.0
160 47.8 37.0 55.6



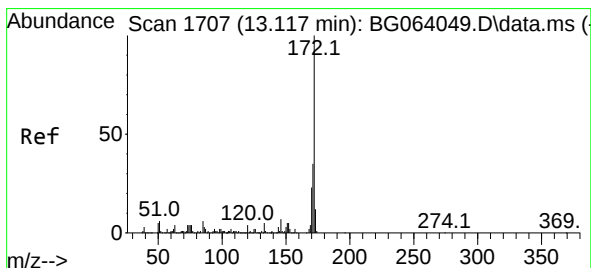
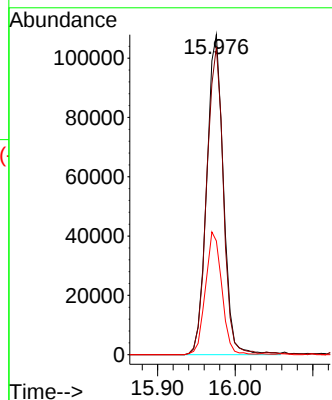
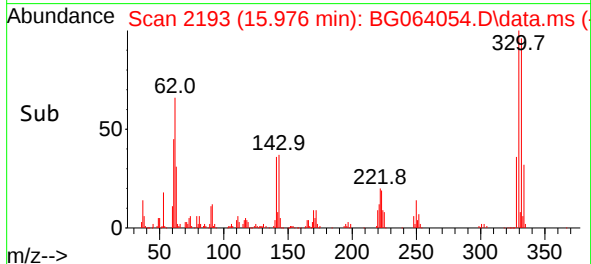


#42
2,4,6-Tribromophenol
Concen: 174.185 ng
RT: 15.976 min Scan# 2193
Delta R.T. 0.003 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50

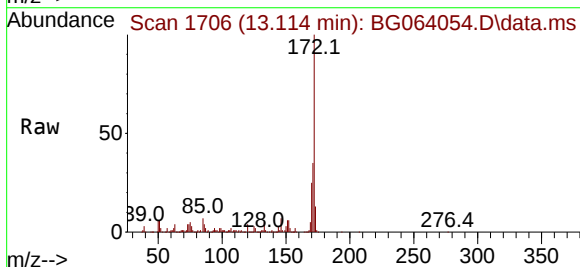
Instrument :
BNA_G
ClientSampleId :
PB166970BL



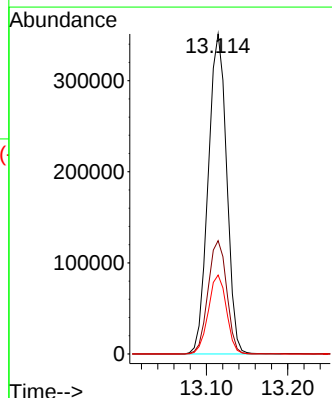
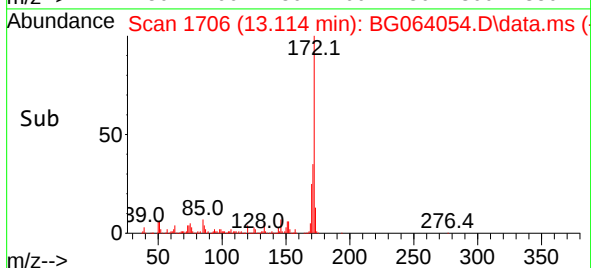
Tgt Ion:330 Resp: 161205
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 37.5 29.7 44.5

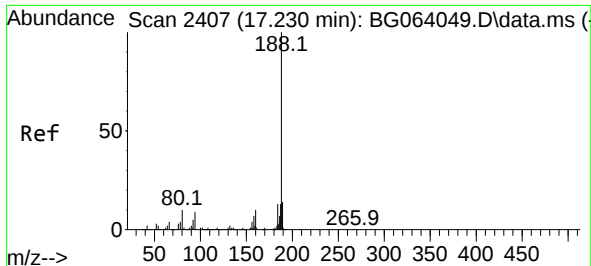


#45
2-Fluorobiphenyl
Concen: 100.809 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50



Tgt Ion:172 Resp: 552959
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.7 18.7 28.1

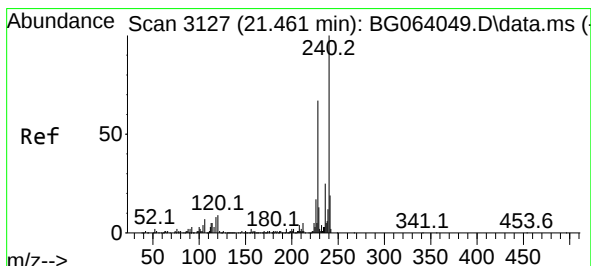
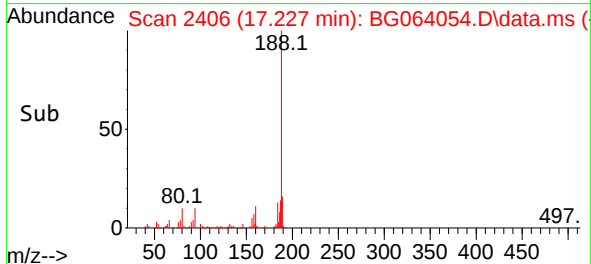
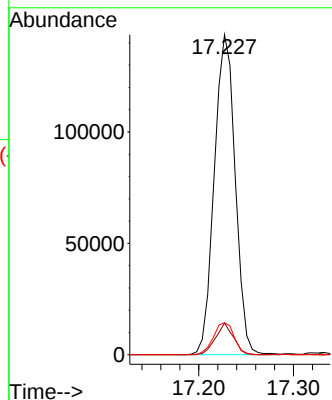
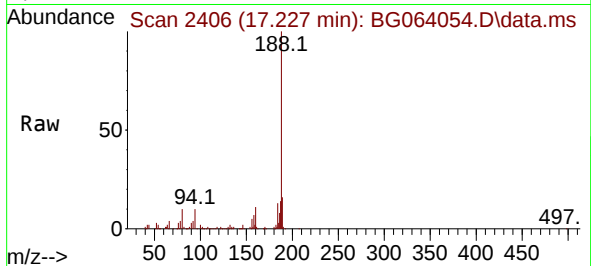




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50

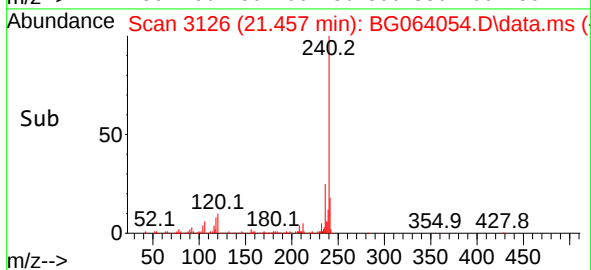
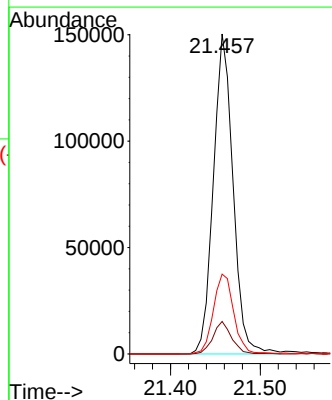
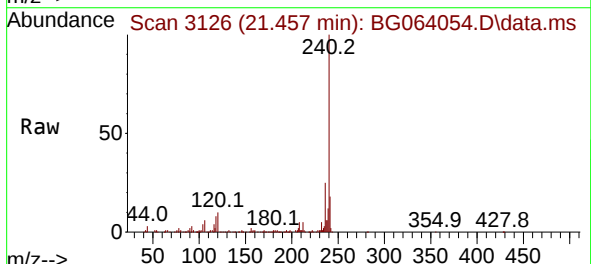
Instrument :
BNA_G
ClientSampleId :
PB166970BL

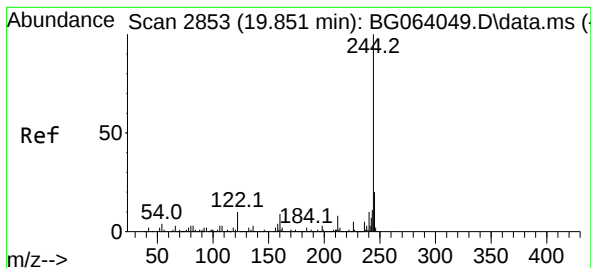
Tgt Ion:188 Resp: 220855
Ion Ratio Lower Upper
188 100
94 9.9 6.9 10.3
80 10.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064054.D
Acq: 5 Mar 2025 15:50

Tgt Ion:240 Resp: 228701
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 25.0 20.2 30.2





#79

Terphenyl-d14

Concen: 108.268 ng

RT: 19.853 min Scan# 2

Delta R.T. 0.003 min

Lab File: BG064054.D

Acq: 5 Mar 2025 15:50

Instrument :

BNA_G

ClientSampleId :

PB166970BL

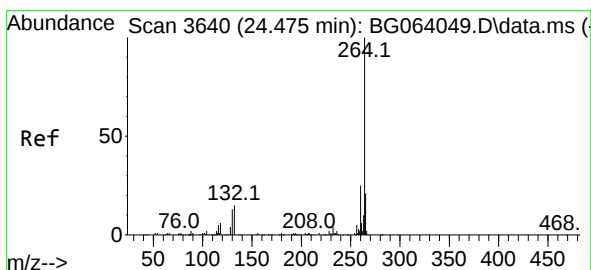
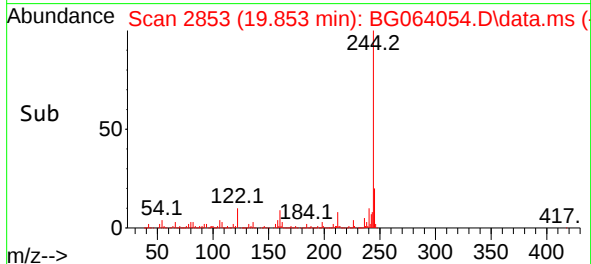
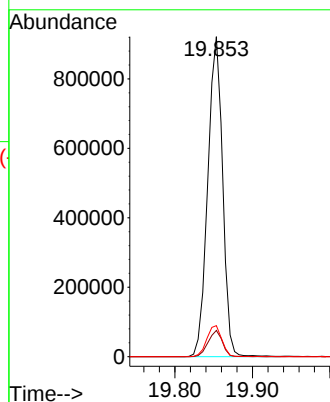
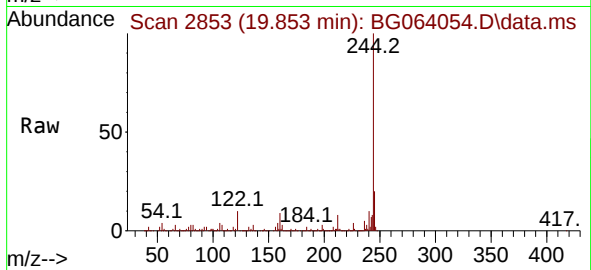
Tgt Ion:244 Resp: 1224584

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

122 9.7 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.477 min Scan# 3640

Delta R.T. 0.003 min

Lab File: BG064054.D

Acq: 5 Mar 2025 15:50

Tgt Ion:264 Resp: 245836

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 19.2 16.6 25.0

