

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064169.D
Acq On : 3 Apr 2025 16:34
Operator : RC/JU
Sample : PB167393TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB167393TB

Quant Time: Apr 03 17:13:10 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	29004	20.000	ng	# 0.00
21) Naphthalene-d8	10.649	136	129149	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	102109	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	242395	20.000	ng	0.00
76) Chrysene-d12	21.454	240	251465	20.000	ng	0.00
86) Perylene-d12	24.468	264	271920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	248305	133.676	ng	0.00
7) Phenol-d6	7.030	99	333662	132.042	ng	0.00
23) Nitrobenzene-d5	9.010	82	228692	97.856	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	178343	157.129	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	574550	85.409	ng	0.00
79) Terphenyl-d14	19.844	244	1145386	92.099	ng	0.00

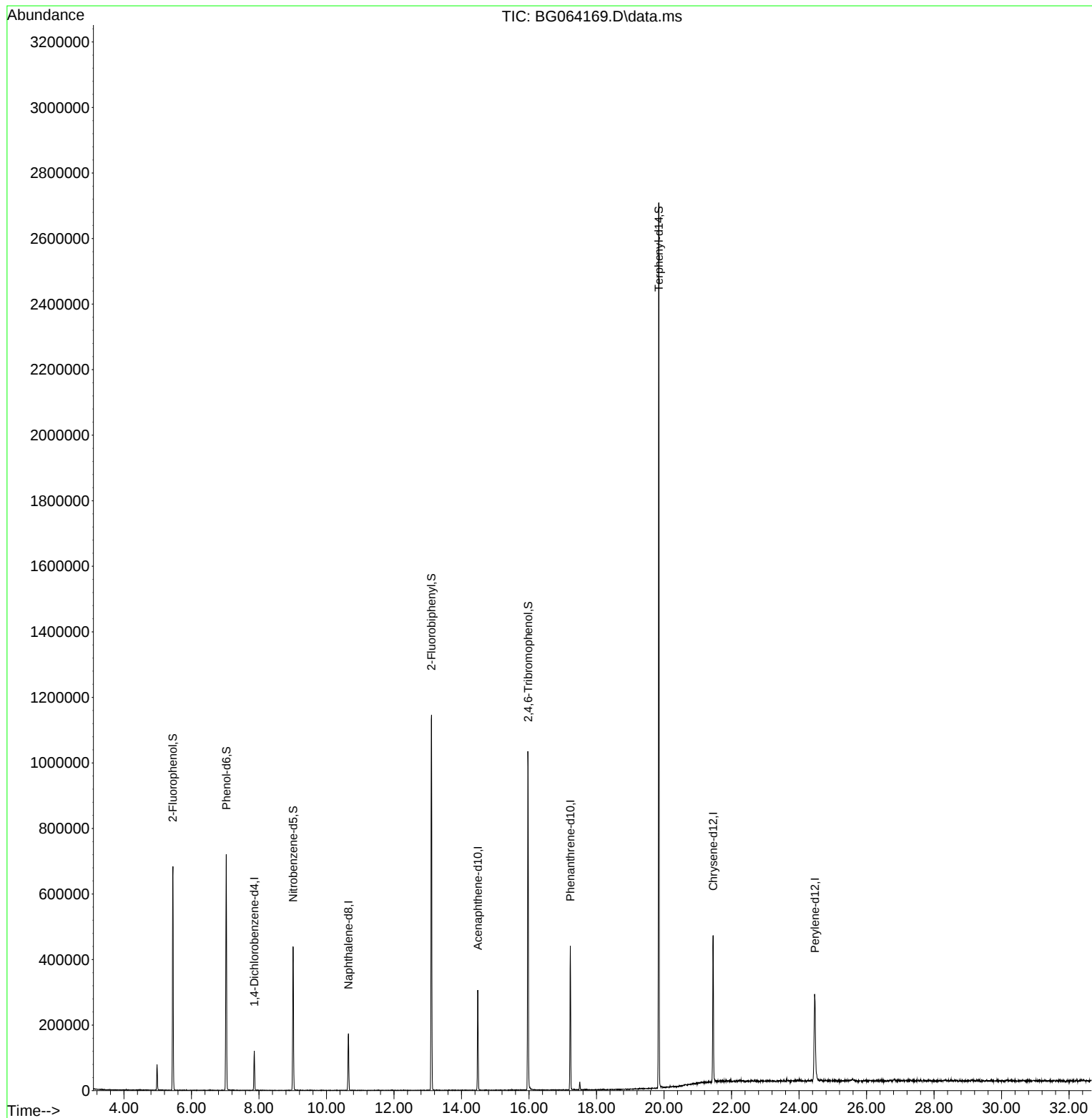
Target Compounds	Qvalue

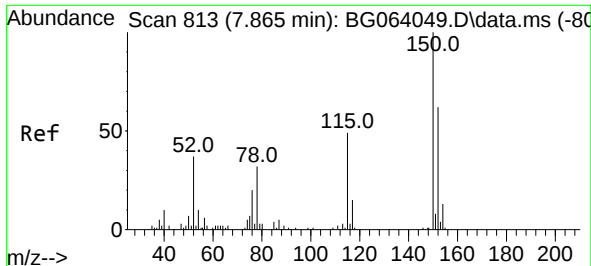
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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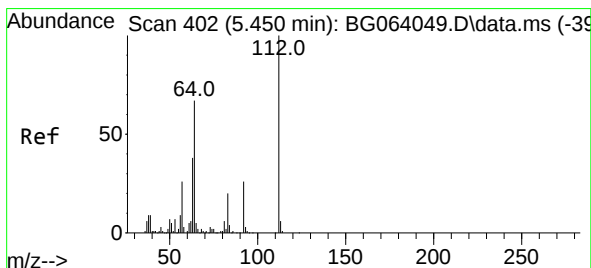
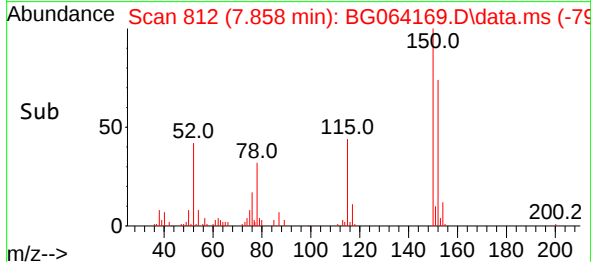
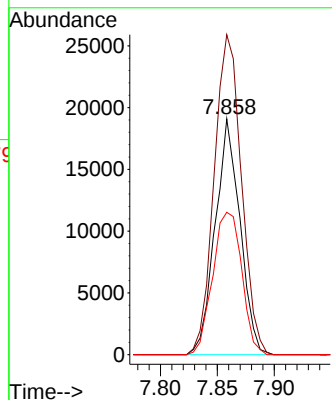
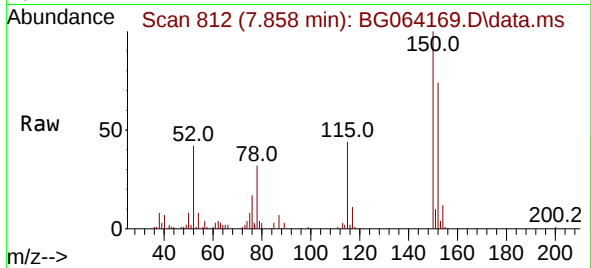




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 813
Delta R.T. -0.007 min
Lab File: BG064169.D
Acq: 3 Apr 2025 16:34

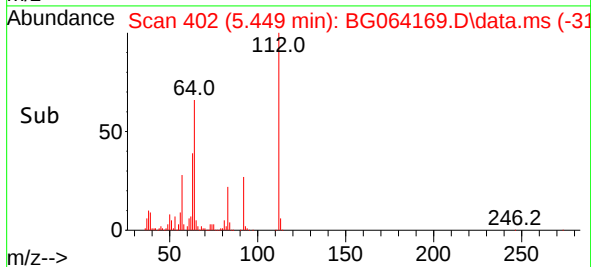
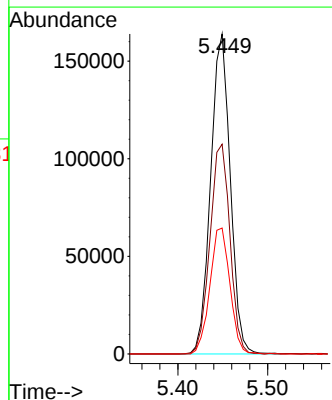
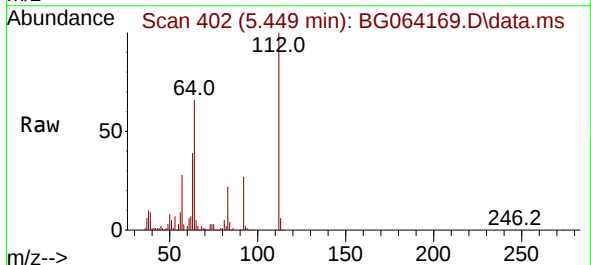
Instrument :
BNA_G
ClientSampleId :
PB167393TB

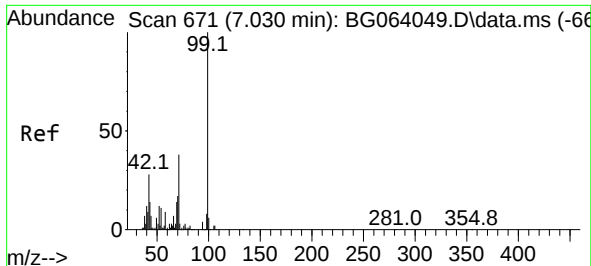
Tgt Ion:152 Resp: 29004
Ion Ratio Lower Upper
152 100
150 135.7 129.2 193.8
115 60.4 63.0 94.6#



#5
2-Fluorophenol
Concen: 133.676 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064169.D
Acq: 3 Apr 2025 16:34

Tgt Ion:112 Resp: 248305
Ion Ratio Lower Upper
112 100
64 65.6 53.7 80.5
63 39.4 30.2 45.4

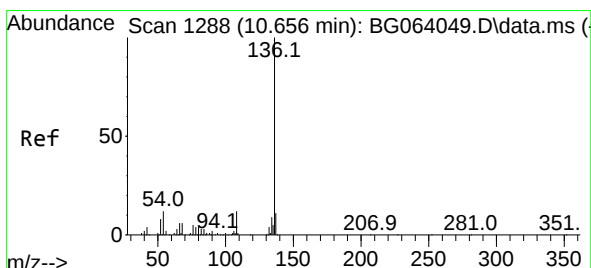
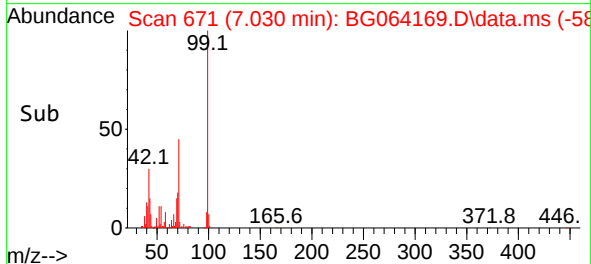
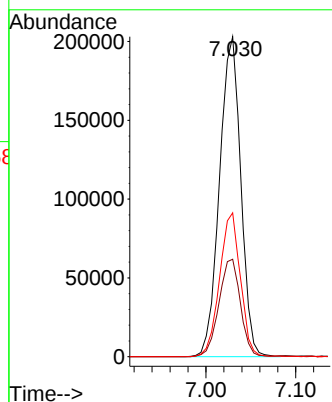
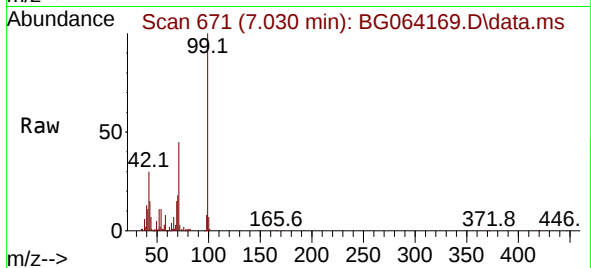




#7
Phenol-d6
Concen: 132.042 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064169.D
Acq: 3 Apr 2025 16:34

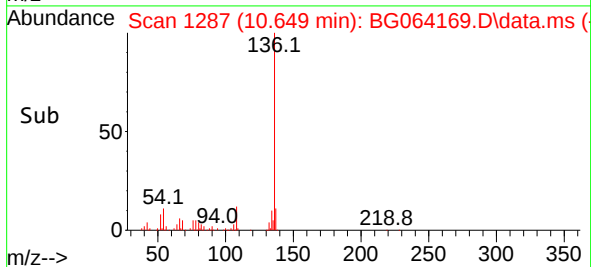
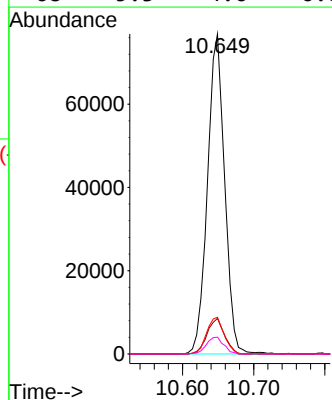
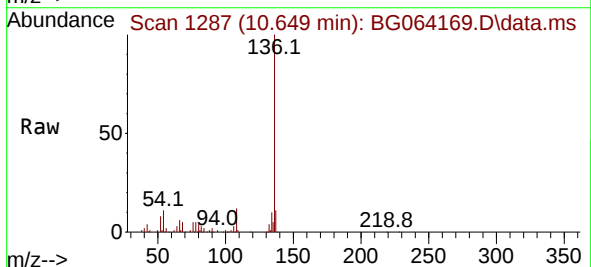
Instrument :
BNA_G
ClientSampleId :
PB167393TB

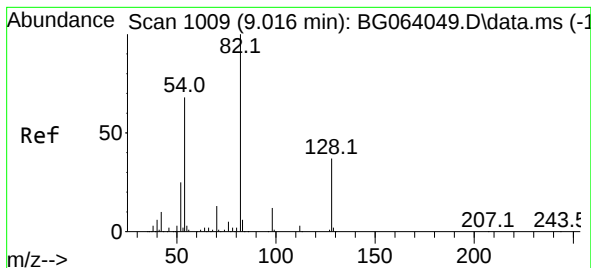
Tgt Ion: 99 Resp: 333662
Ion Ratio Lower Upper
99 100
42 30.5 22.7 34.1
71 45.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064169.D
Acq: 3 Apr 2025 16:34

Tgt Ion:136 Resp: 129149
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 11.5 9.9 14.9
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 97.856 ng

RT: 9.010 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG064169.D

Acq: 3 Apr 2025 16:34

Instrument :

BNA_G

ClientSampleId :

PB167393TB

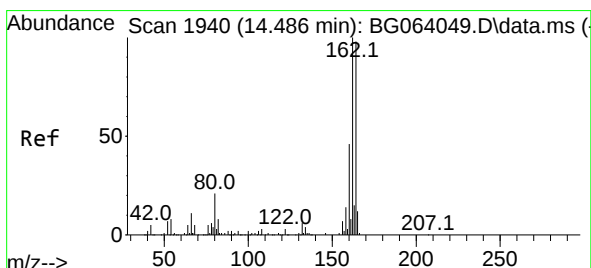
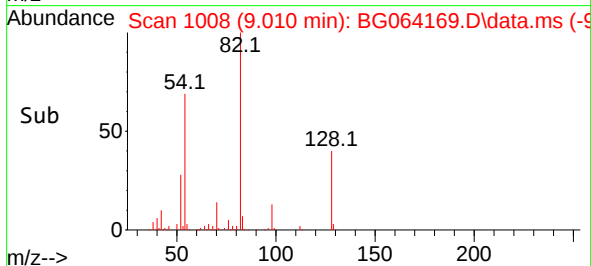
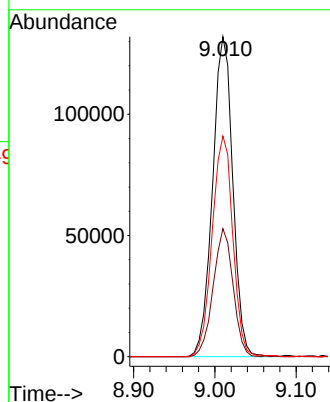
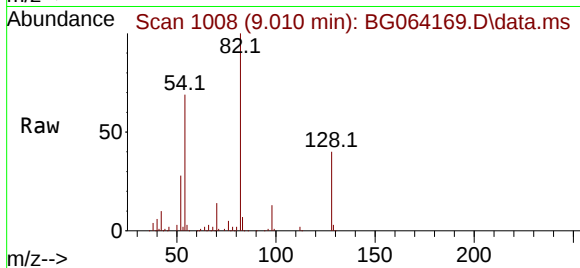
Tgt Ion: 82 Resp: 228692

Ion Ratio Lower Upper

82 100

128 40.0 30.0 45.0

54 69.0 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BG064169.D

Acq: 3 Apr 2025 16:34

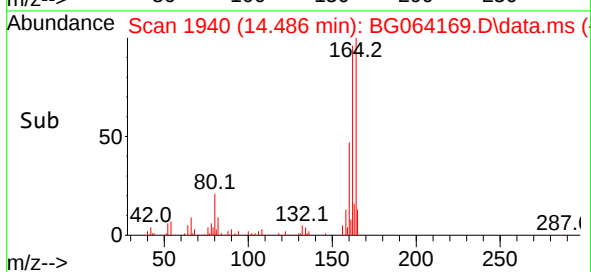
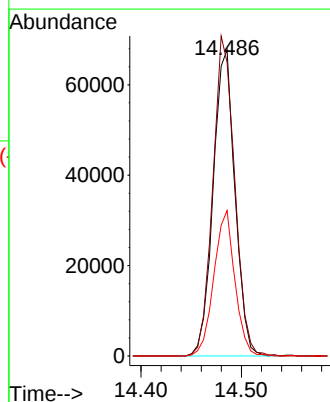
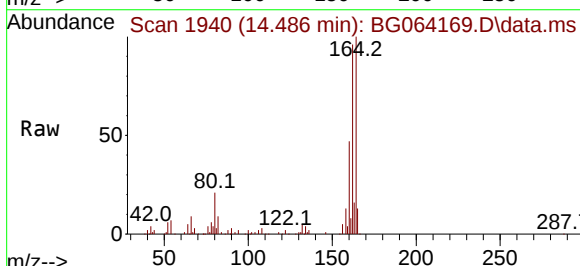
Tgt Ion:164 Resp: 102109

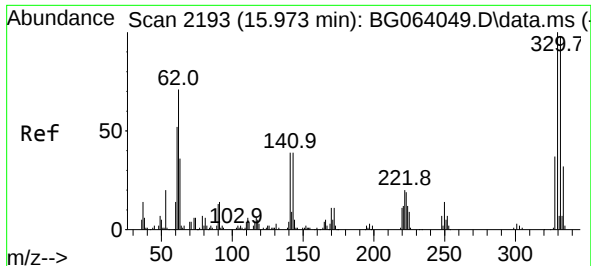
Ion Ratio Lower Upper

164 100

162 95.9 81.4 122.0

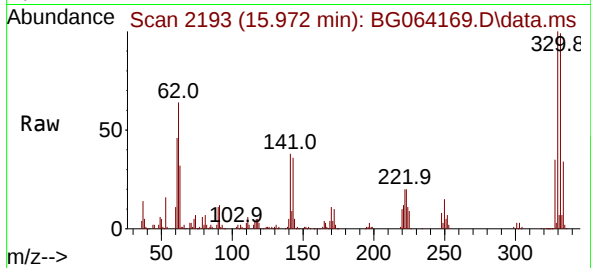
160 47.5 37.0 55.6



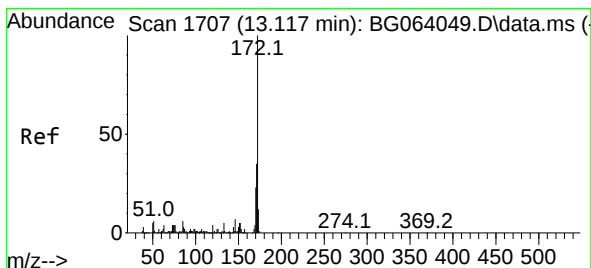
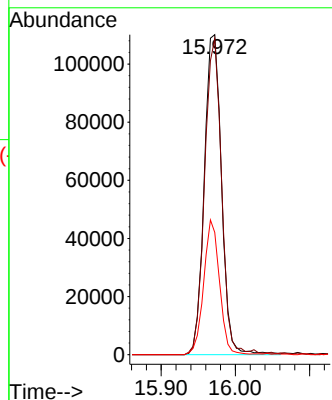
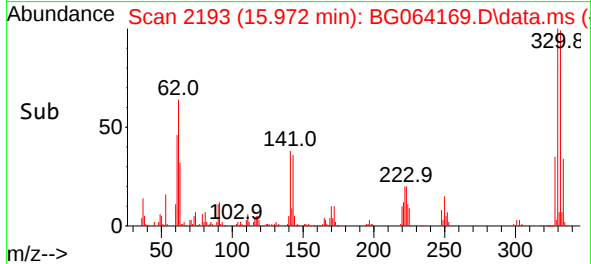


#42
2,4,6-Tribromophenol
Concen: 157.129 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064169.D
Acq: 3 Apr 2025 16:34

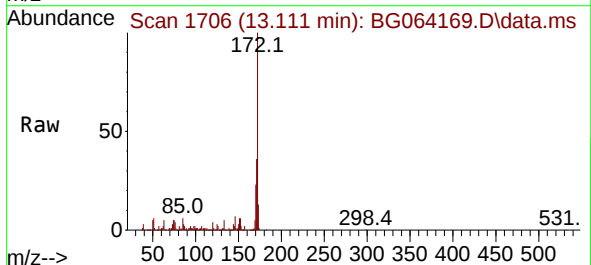
Instrument :
BNA_G
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PB167393TB



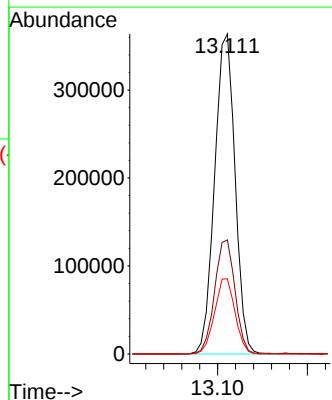
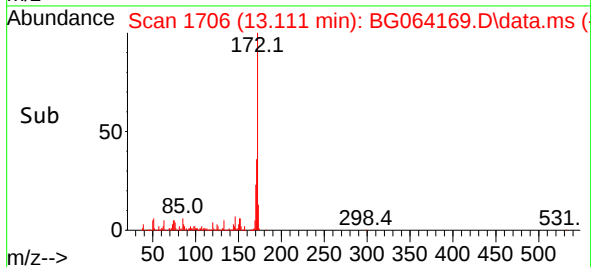
Tgt Ion:330 Resp: 178343
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 38.6 29.7 44.5

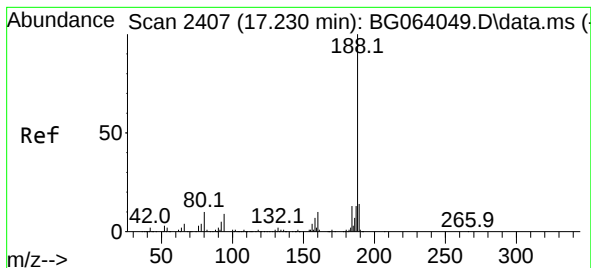


#45
2-Fluorobiphenyl
Concen: 85.409 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG064169.D
Acq: 3 Apr 2025 16:34



Tgt Ion:172 Resp: 574550
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BG064169.D

Acq: 3 Apr 2025 16:34

Instrument :

BNA_G

ClientSampleId :

PB167393TB

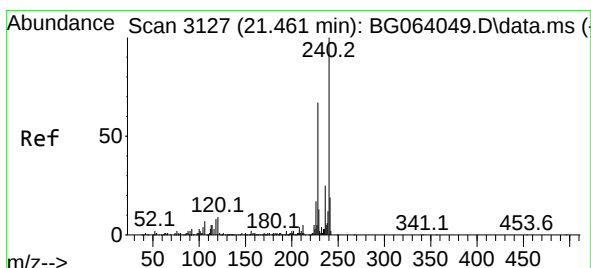
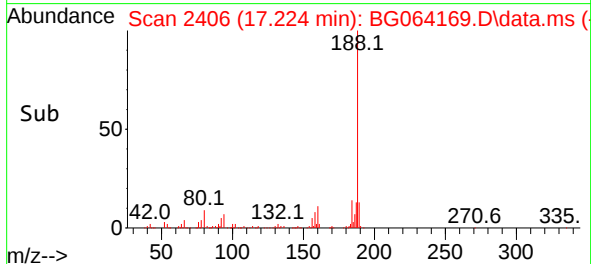
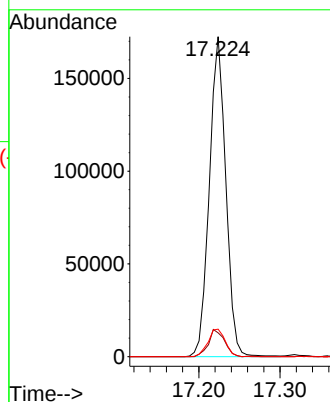
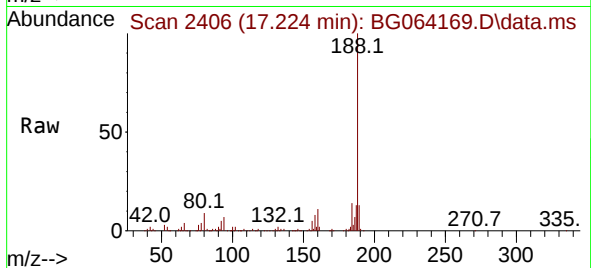
Tgt Ion:188 Resp: 242395

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

80 8.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.454 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BG064169.D

Acq: 3 Apr 2025 16:34

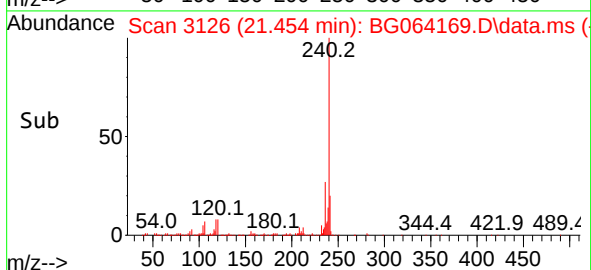
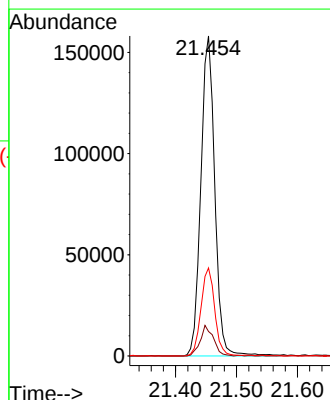
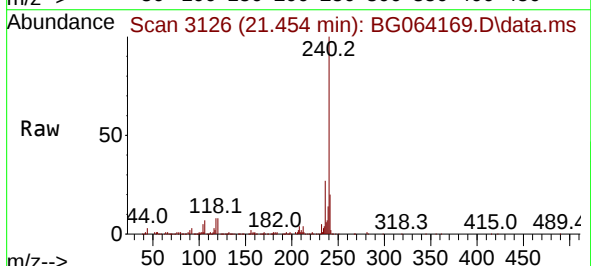
Tgt Ion:240 Resp: 251465

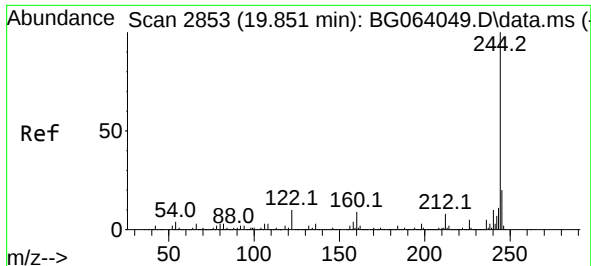
Ion Ratio Lower Upper

240 100

120 7.6 7.2 10.8

236 27.5 20.2 30.2

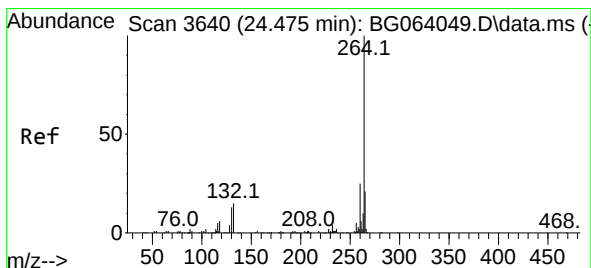
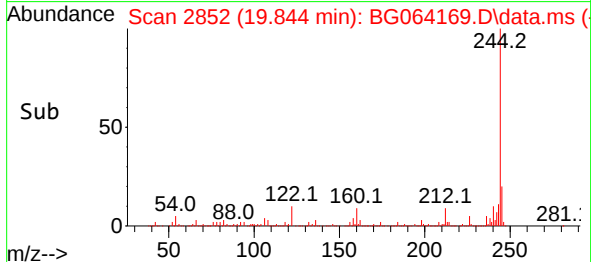
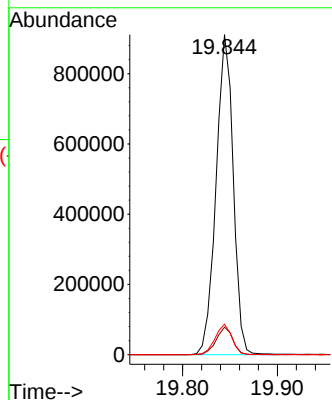
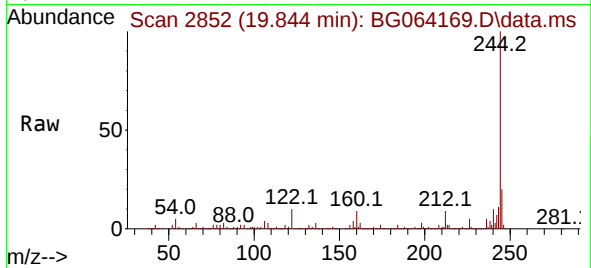




#79
 Terphenyl-d14
 Concen: 92.099 ng
 RT: 19.844 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG064169.D
 Acq: 3 Apr 2025 16:34

Instrument :
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Tgt Ion:244 Resp: 1145386
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.2 9.4
 122 9.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.468 min Scan# 3639
 Delta R.T. -0.006 min
 Lab File: BG064169.D
 Acq: 3 Apr 2025 16:34

Tgt Ion:264 Resp: 271920
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 21.2 16.6 25.0

