

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064165.D
 Acq On : 3 Apr 2025 13:45
 Operator : RC/JU
 Sample : PB167380BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167380BL

Quant Time: Apr 03 14:30:19 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	7.865	152	25319	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	119014	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	93126	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	231321	20.000	ng	0.00
76) Chrysene-d12	21.449	240	238757	20.000	ng	-0.01
86) Perylene-d12	24.463	264	254552	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	256375	158.109	ng	0.00
7) Phenol-d6	7.030	99	348577	158.021	ng	0.00
23) Nitrobenzene-d5	9.010	82	237561	110.307	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	191141	184.649	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	603796	98.414	ng	0.00
79) Terphenyl-d14	19.845	244	1232796	104.404	ng	0.00

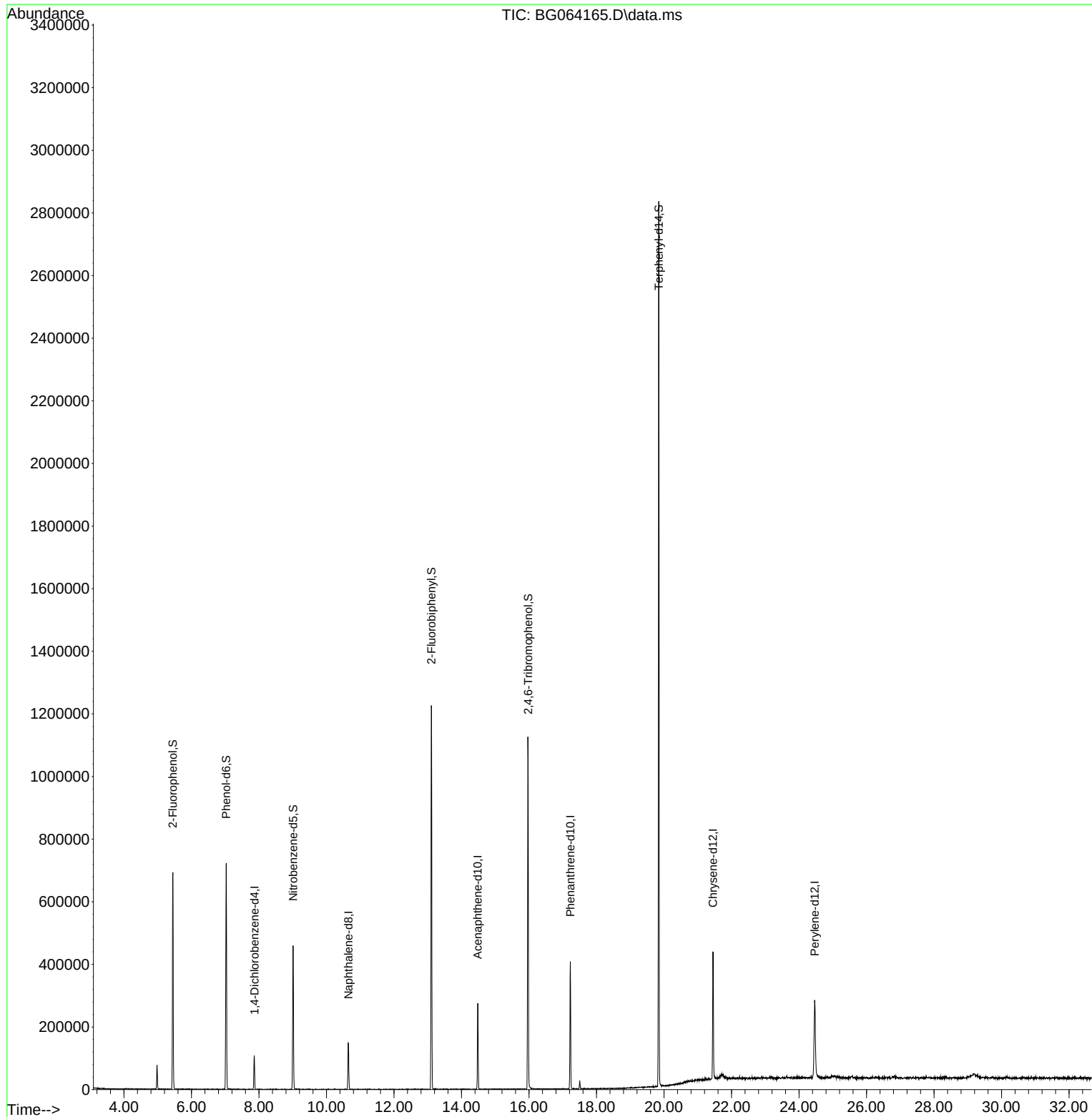
Target Compounds	Qvalue

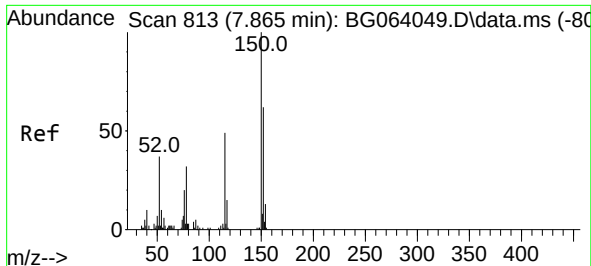
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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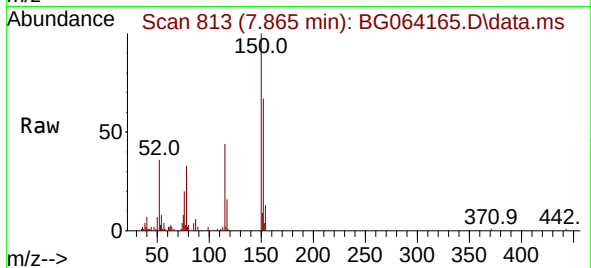
Quant Time: Apr 03 14:30:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
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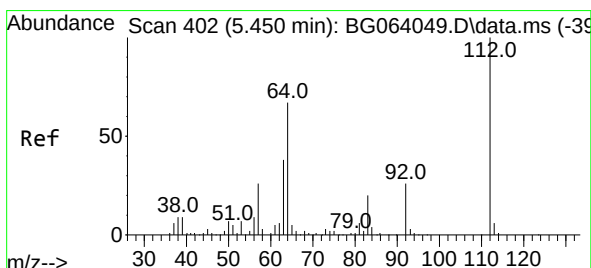
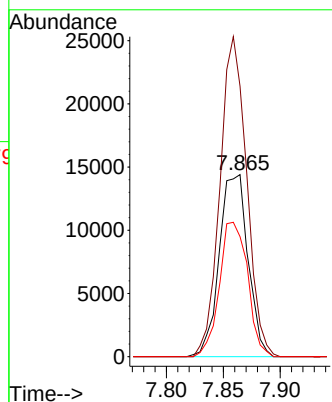
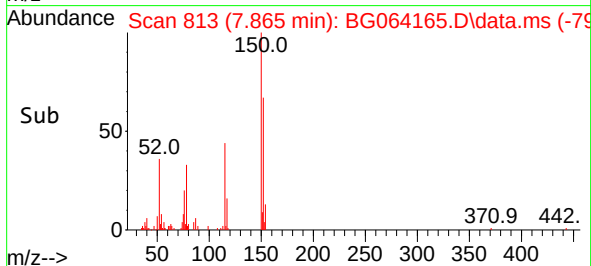


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.865 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BG064165.D
 Acq: 3 Apr 2025 13:45

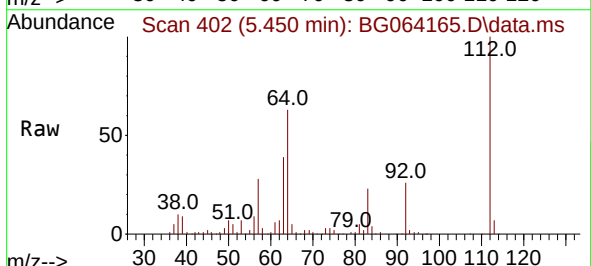
Instrument :
 BNA_G
 ClientSampleId :
 PB167380BL



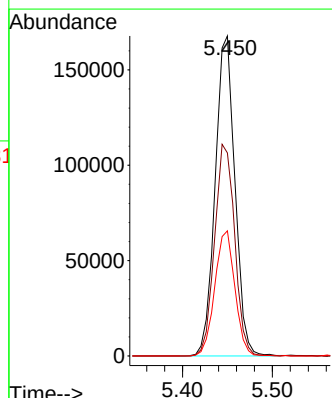
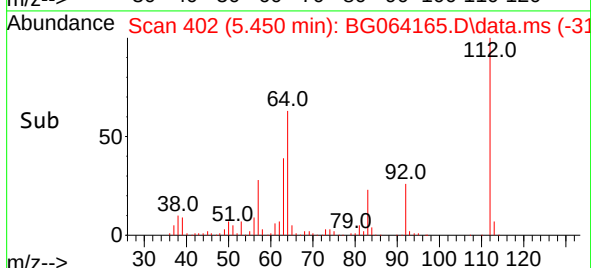
Tgt Ion:152 Resp: 25319
 Ion Ratio Lower Upper
 152 100
 150 148.5 129.2 193.8
 115 65.9 63.0 94.6

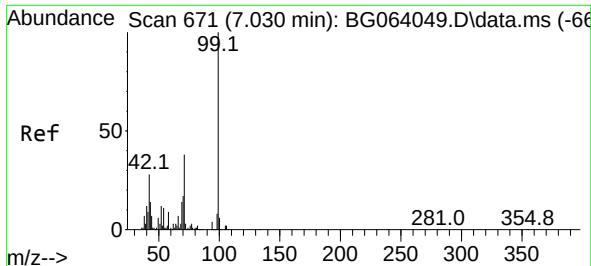


#5
 2-Fluorophenol
 Concen: 158.109 ng
 RT: 5.450 min Scan# 402
 Delta R.T. 0.000 min
 Lab File: BG064165.D
 Acq: 3 Apr 2025 13:45



Tgt Ion:112 Resp: 256375
 Ion Ratio Lower Upper
 112 100
 64 63.4 53.7 80.5
 63 39.1 30.2 45.4

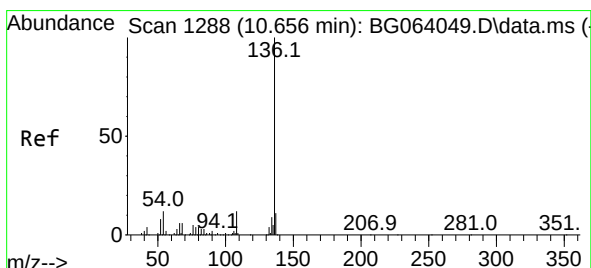
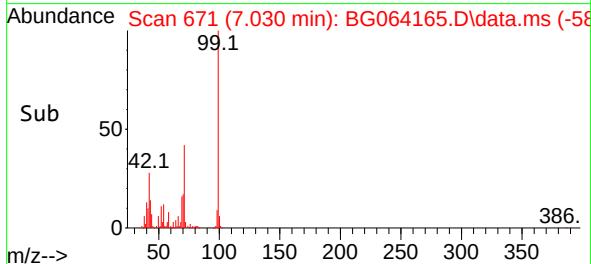
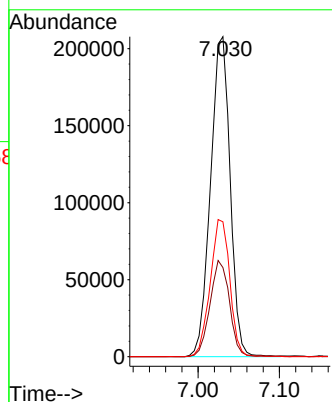
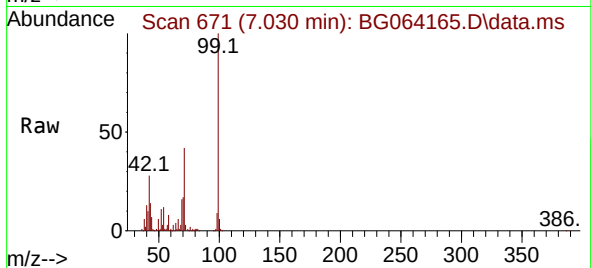




#7
Phenol-d6
Concen: 158.021 ng
RT: 7.030 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

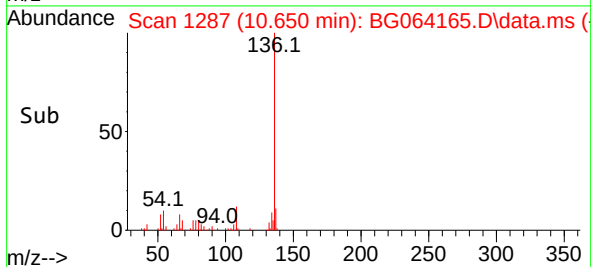
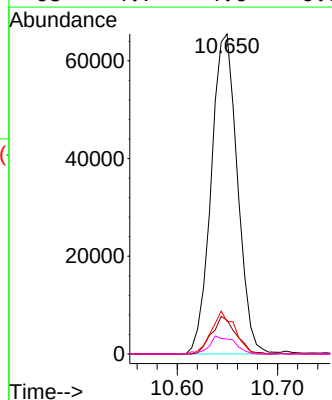
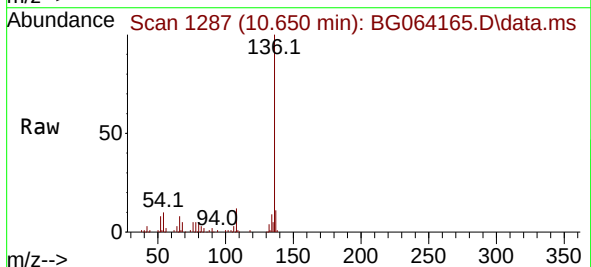
Instrument :
BNA_G
ClientSampleId :
PB167380BL

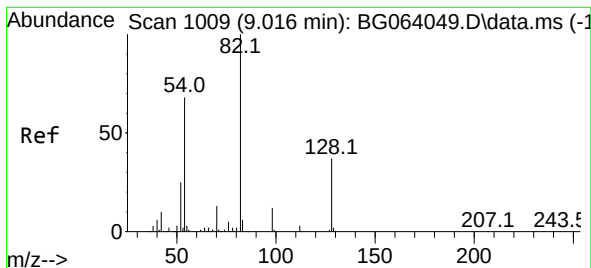
Tgt Ion: 99 Resp: 348577
Ion Ratio Lower Upper
99 100
42 27.8 22.7 34.1
71 42.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

Tgt Ion:136 Resp: 119014
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.2 9.9 14.9
68 4.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 110.307 ng

RT: 9.010 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

Instrument :

BNA_G

ClientSampleId :

PB167380BL

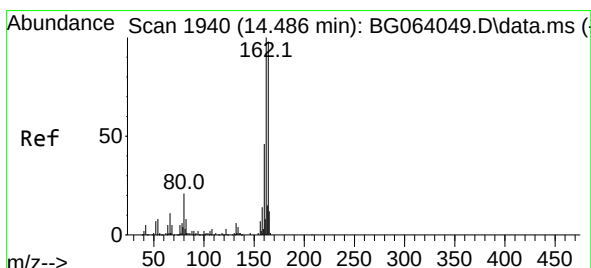
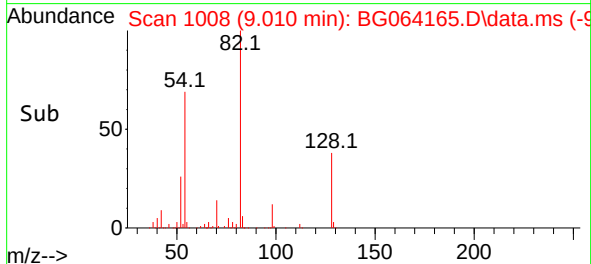
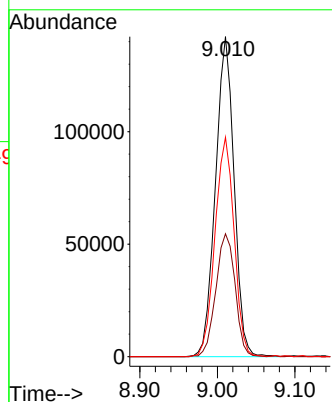
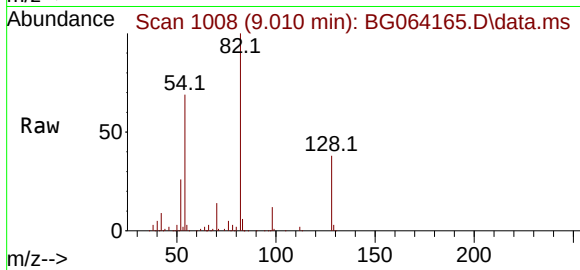
Tgt Ion: 82 Resp: 237561

Ion Ratio Lower Upper

82 100

128 38.4 30.0 45.0

54 68.6 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

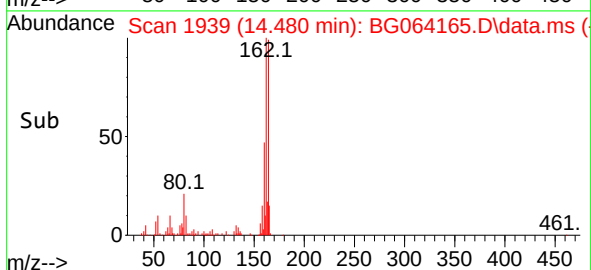
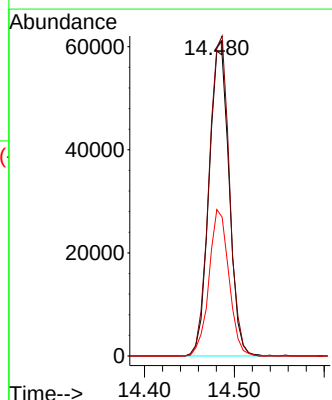
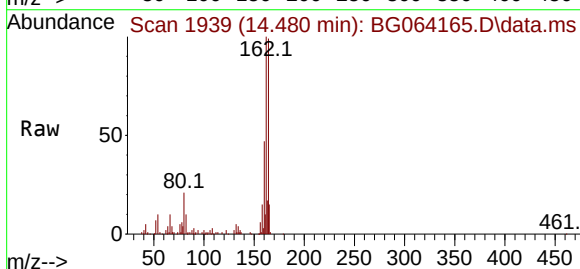
Tgt Ion:164 Resp: 93126

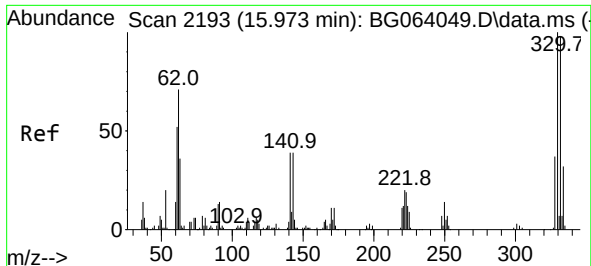
Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

160 48.0 37.0 55.6

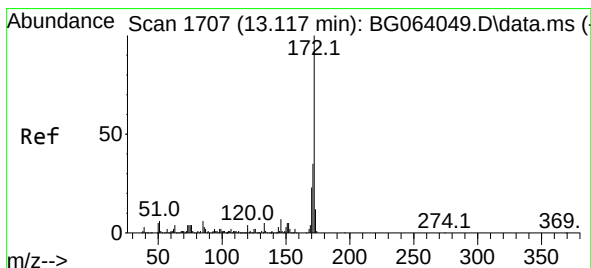
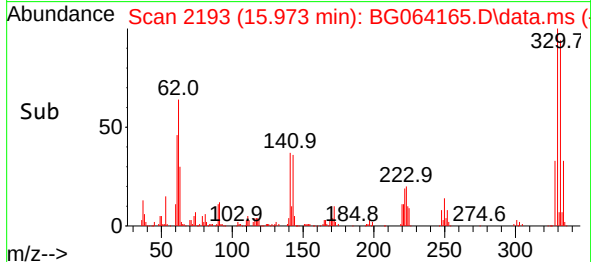
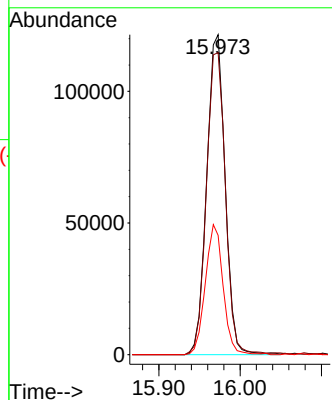
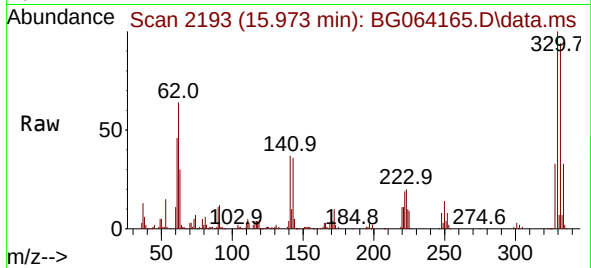




#42
 2,4,6-Tribromophenol
 Concen: 184.649 ng
 RT: 15.973 min Scan# 2193
 Delta R.T. 0.000 min
 Lab File: BG064165.D
 Acq: 3 Apr 2025 13:45

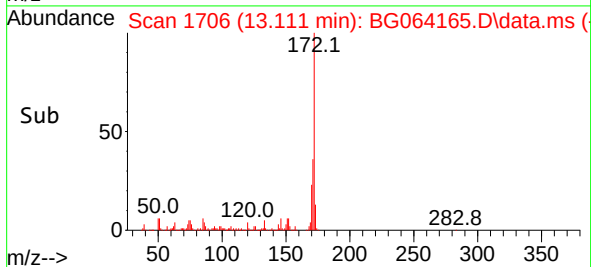
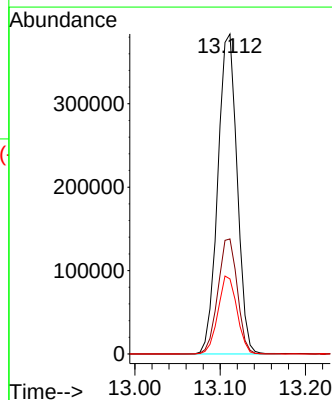
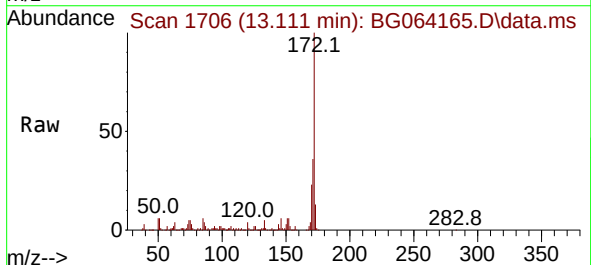
Instrument :
 BNA_G
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 PB167380BL

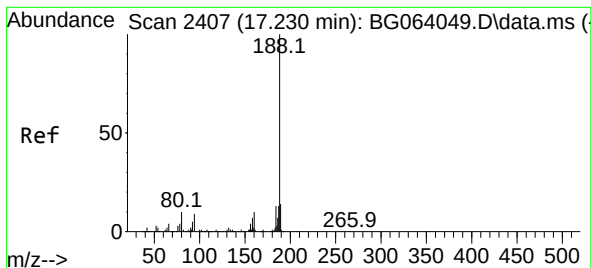
Tgt Ion:330 Resp: 191141
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.7 115.1
 141 39.3 29.7 44.5



#45
 2-Fluorobiphenyl
 Concen: 98.414 ng
 RT: 13.111 min Scan# 1706
 Delta R.T. -0.006 min
 Lab File: BG064165.D
 Acq: 3 Apr 2025 13:45

Tgt Ion:172 Resp: 603796
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: BG064165.D

Acq: 3 Apr 2025 13:45

Instrument :

BNA_G

ClientSampleId :

PB167380BL

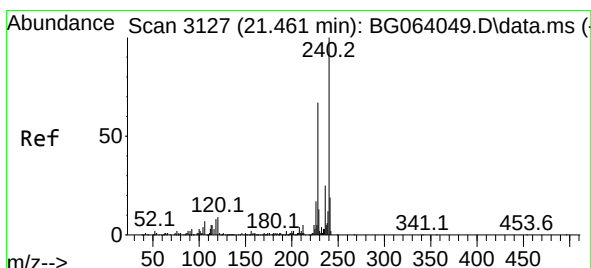
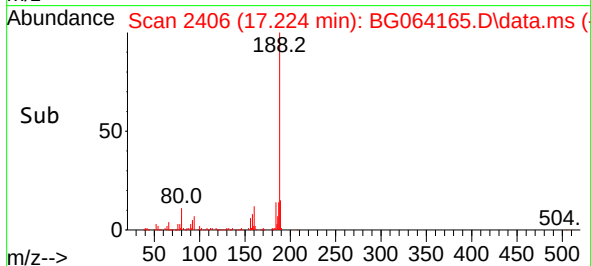
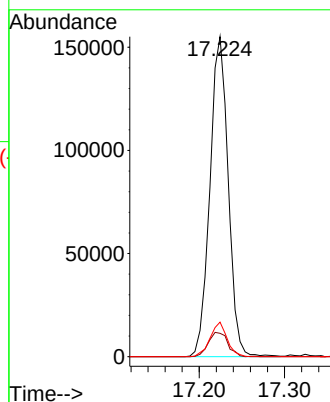
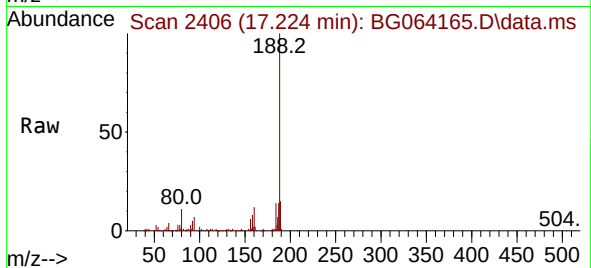
Tgt Ion:188 Resp: 231321

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

80 10.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

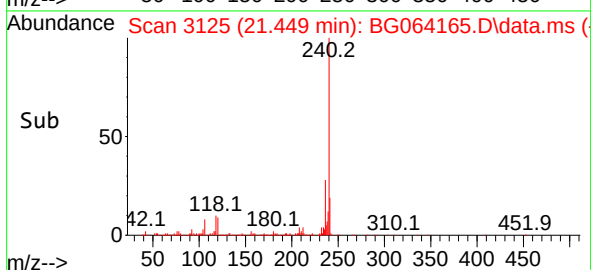
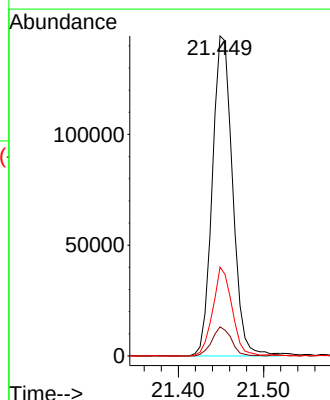
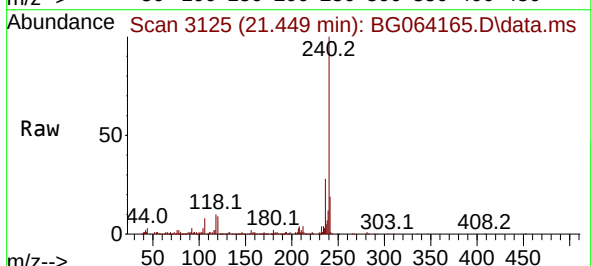
Tgt Ion:240 Resp: 238757

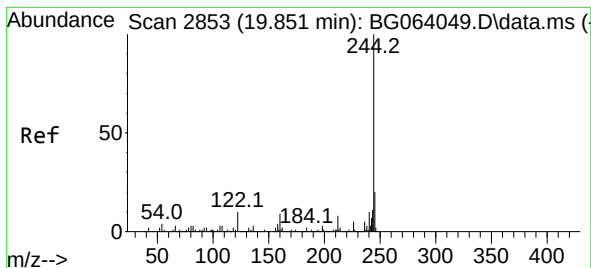
Ion Ratio Lower Upper

240 100

120 9.1 7.2 10.8

236 27.7 20.2 30.2





#79

Terphenyl-d14

Concen: 104.404 ng

RT: 19.845 min Scan# 2

Delta R.T. -0.006 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

Instrument :

BNA_G

ClientSampleId :

PB167380BL

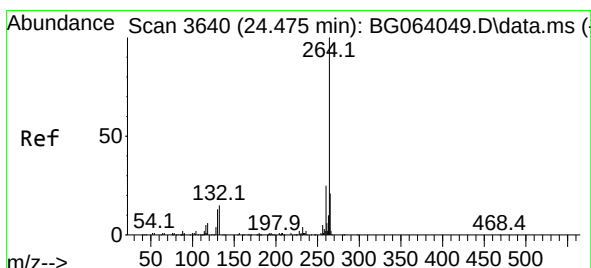
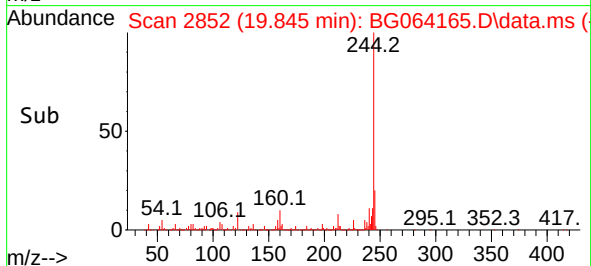
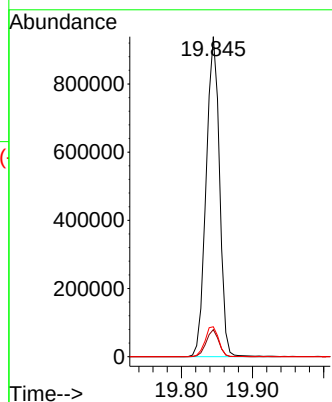
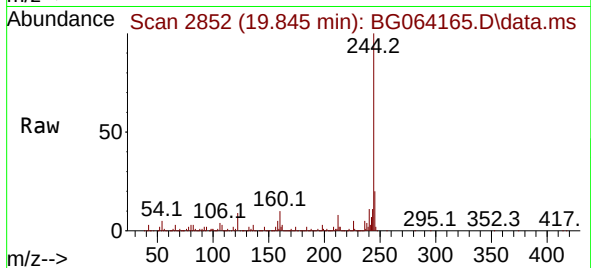
Tgt Ion:244 Resp: 1232796

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

122 9.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.463 min Scan# 3638

Delta R.T. -0.012 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

Tgt Ion:264 Resp: 254552

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 20.5 16.6 25.0

