

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064074.D
 Acq On : 10 Mar 2025 10:03
 Operator : RC/JU
 Sample : PB167035BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167035BL

Quant Time: Mar 10 11:45:10 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	32741	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	140985	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	98023	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	230921	20.000	ng	0.00
76) Chrysene-d12	21.454	240	233034	20.000	ng	0.00
86) Perylene-d12	24.468	264	246222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	297876	142.060	ng	0.00
7) Phenol-d6	7.030	99	386605	135.531	ng	0.00
23) Nitrobenzene-d5	9.016	82	247498	97.012	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	163199	149.780	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	611388	94.673	ng	0.00
79) Terphenyl-d14	19.850	244	1126387	97.735	ng	0.00

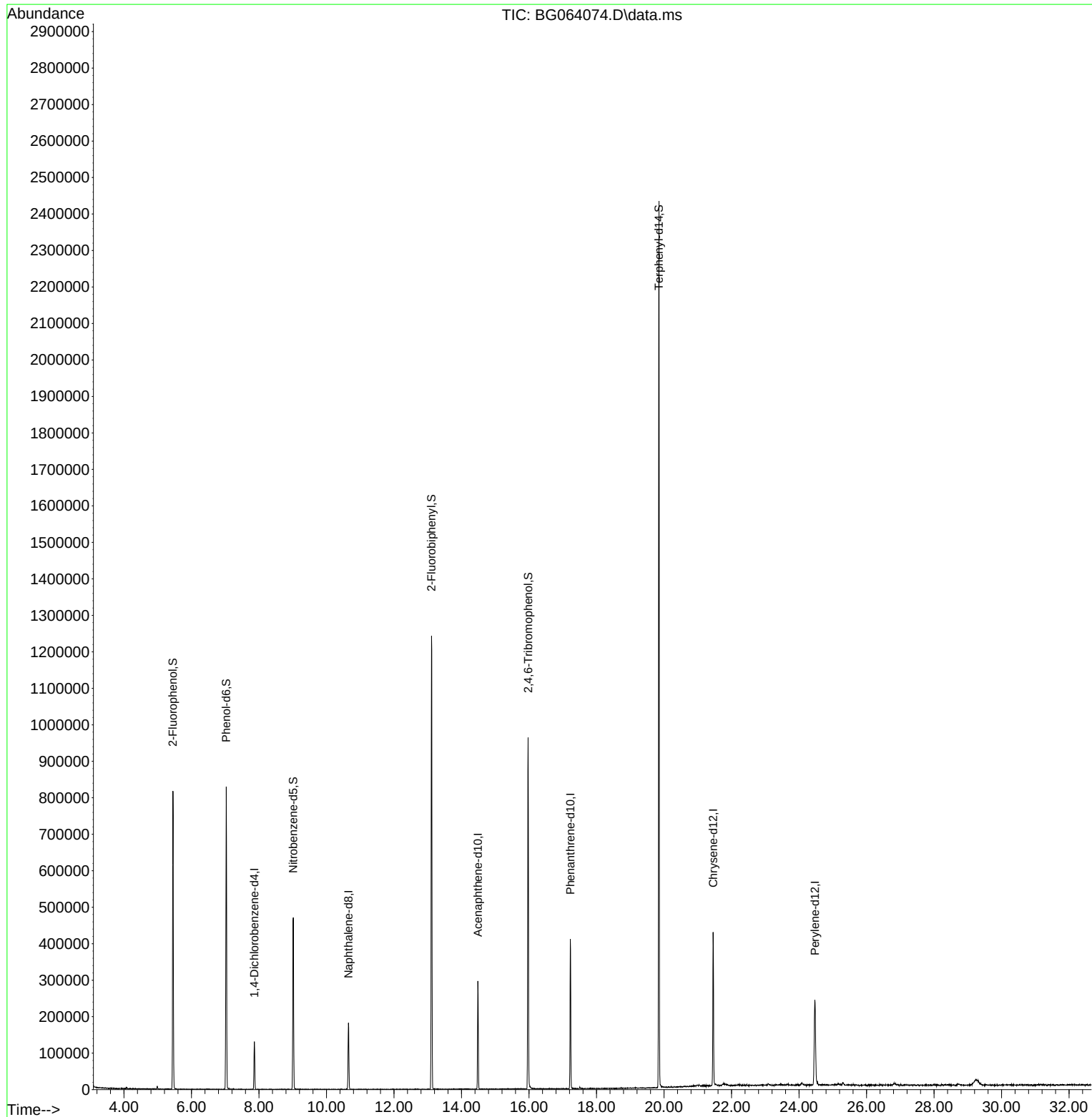
Target Compounds	Qvalue

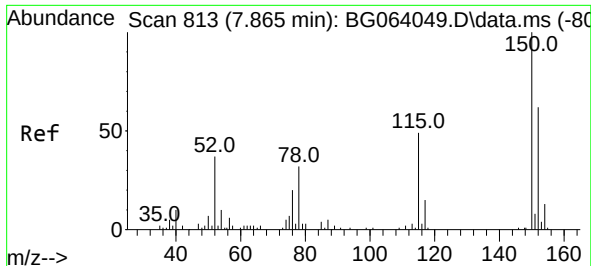
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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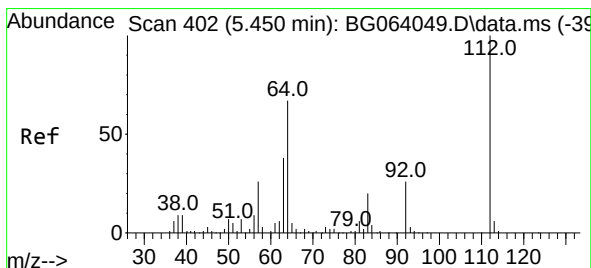
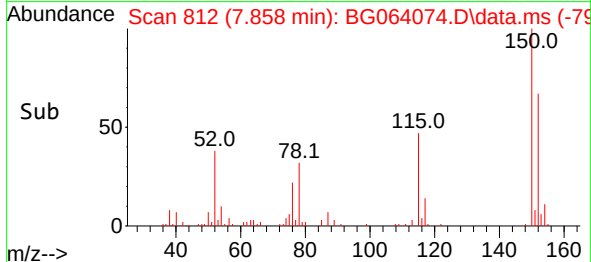
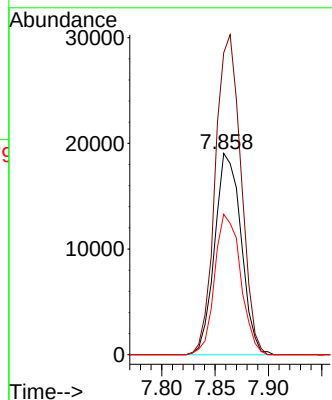
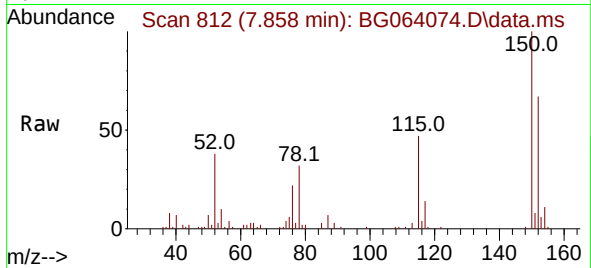




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 813
Delta R.T. -0.007 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

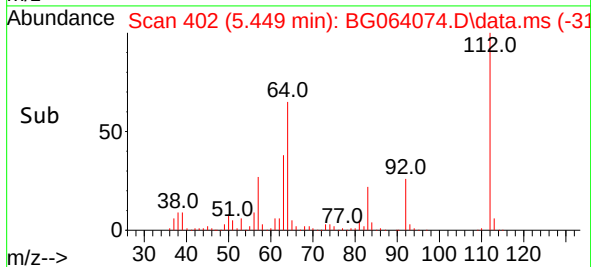
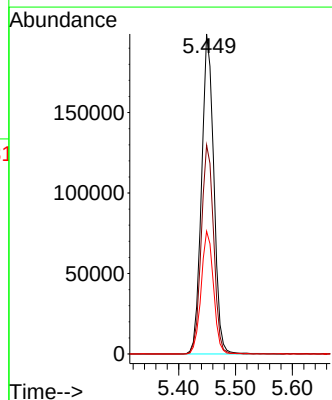
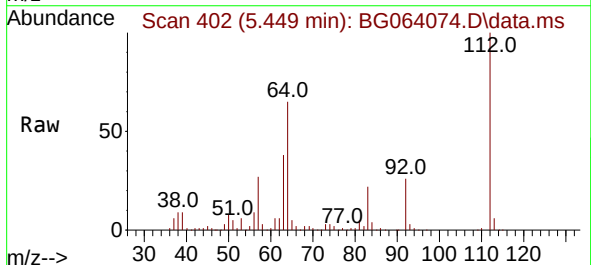
Instrument :
BNA_G
ClientSampleId :
PB167035BL

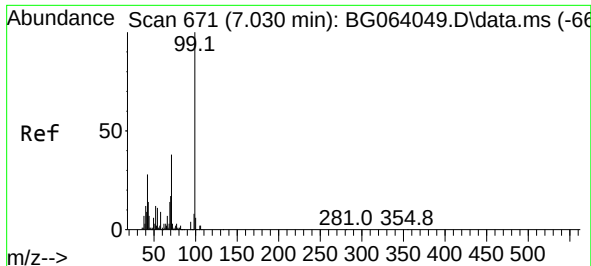
Tgt Ion:152 Resp: 32741
Ion Ratio Lower Upper
152 100
150 150.1 129.2 193.8
115 69.8 63.0 94.6



#5
2-Fluorophenol
Concen: 142.060 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

Tgt Ion:112 Resp: 297876
Ion Ratio Lower Upper
112 100
64 65.3 53.7 80.5
63 38.3 30.2 45.4

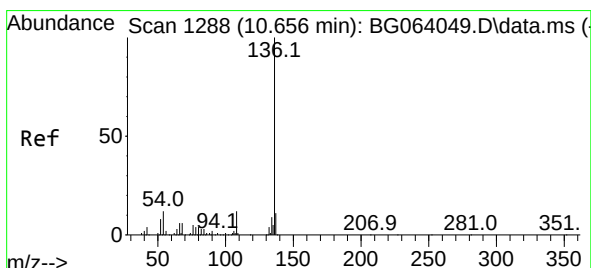
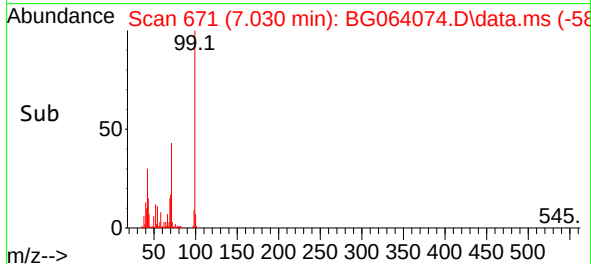
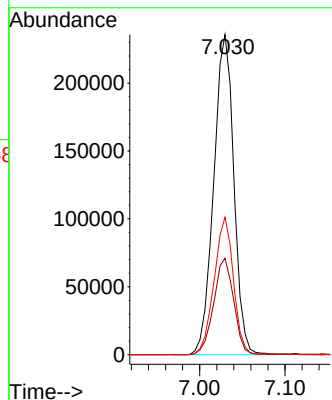
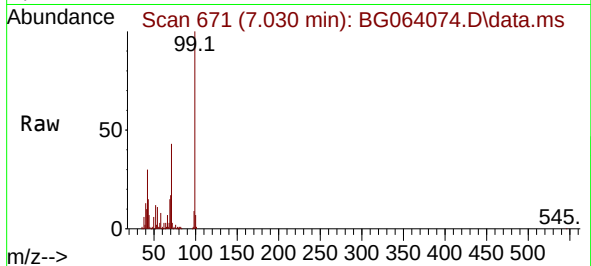




#7
Phenol-d6
Concen: 135.531 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

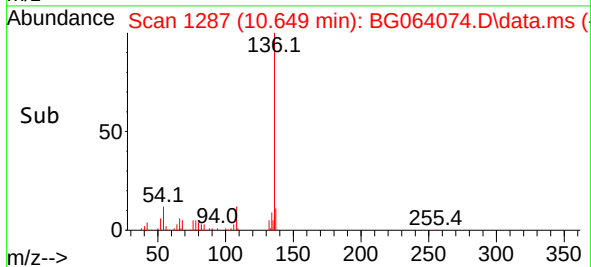
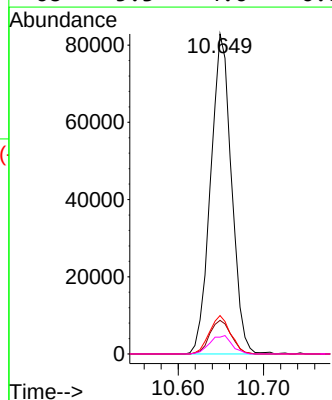
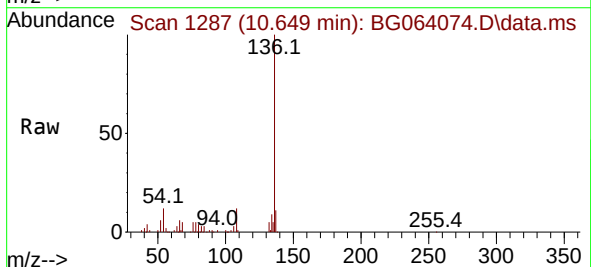
Instrument :
BNA_G
ClientSampleId :
PB167035BL

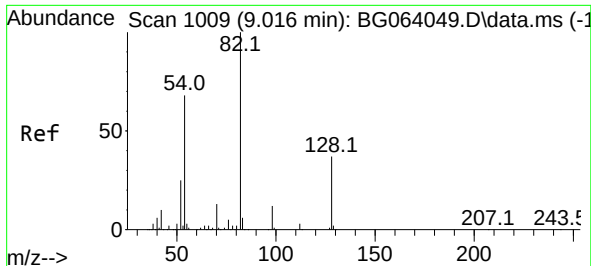
Tgt Ion: 99 Resp: 386605
Ion Ratio Lower Upper
99 100
42 30.2 22.7 34.1
71 42.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

Tgt Ion:136 Resp: 140985
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 12.0 9.9 14.9
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 97.012 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.001 min

Lab File: BG064074.D

Acq: 10 Mar 2025 10:03

Instrument :

BNA_G

ClientSampleId :

PB167035BL

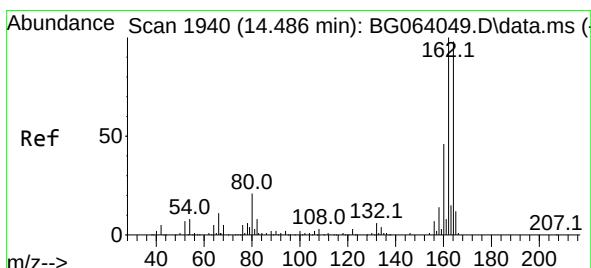
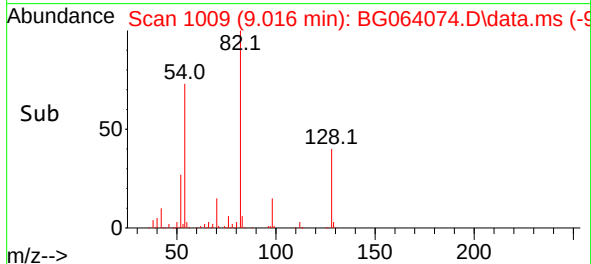
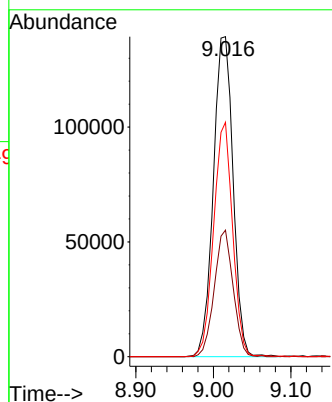
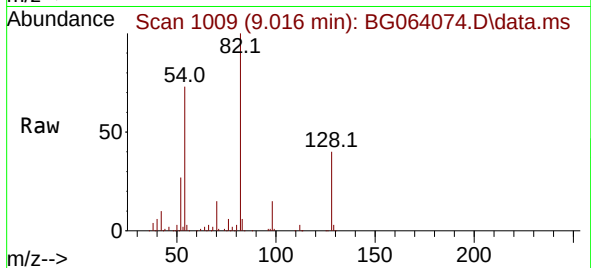
Tgt Ion: 82 Resp: 247498

Ion Ratio Lower Upper

82 100

128 39.5 30.0 45.0

54 73.2 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: BG064074.D

Acq: 10 Mar 2025 10:03

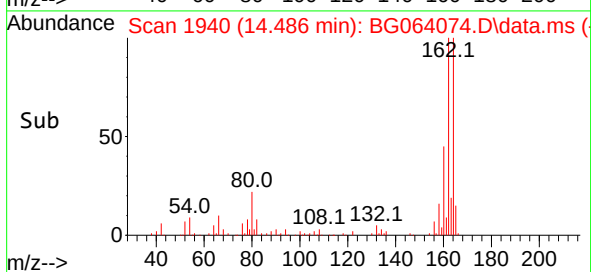
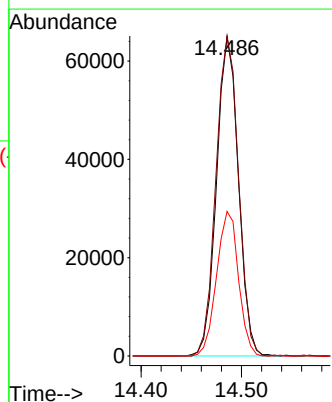
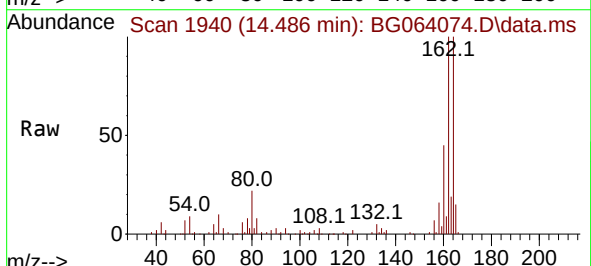
Tgt Ion: 164 Resp: 98023

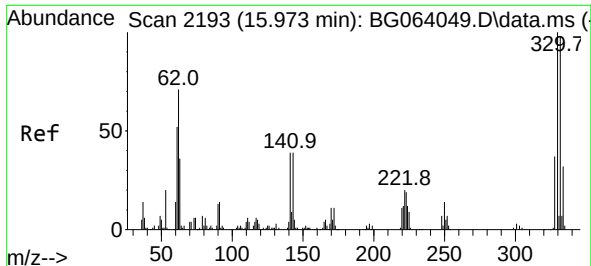
Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

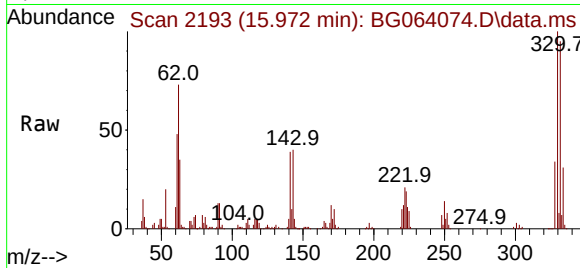
160 45.4 37.0 55.6



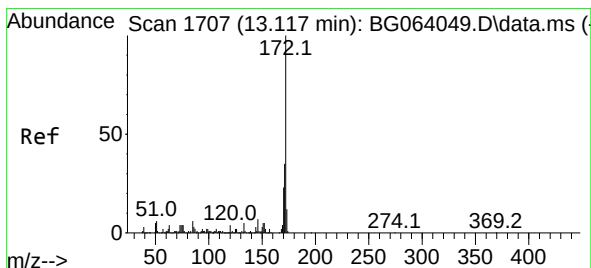
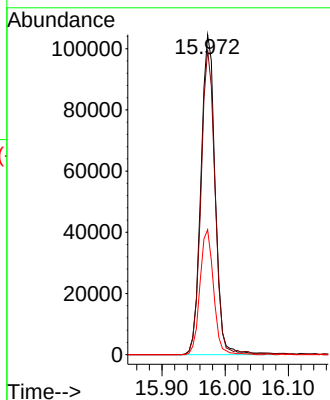
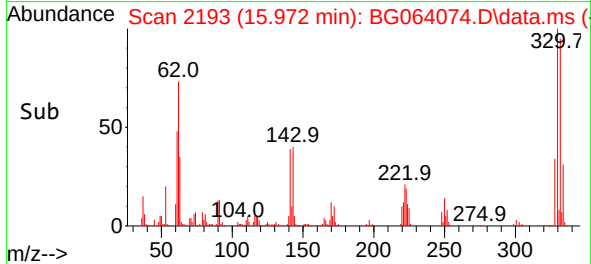


#42
2,4,6-Tribromophenol
Concen: 149.780 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03

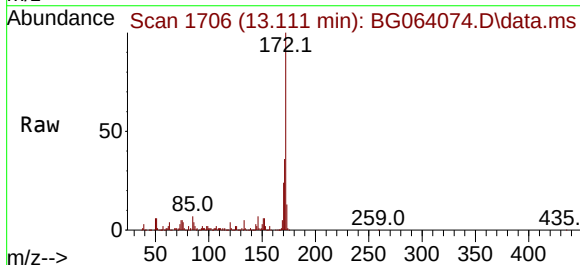
Instrument :
BNA_G
ClientSampleId :
PB167035BL



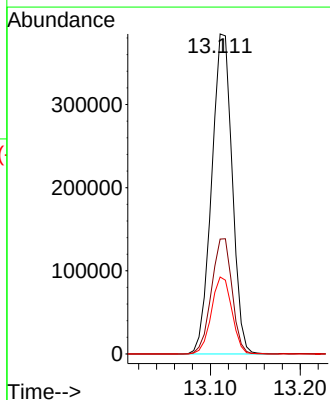
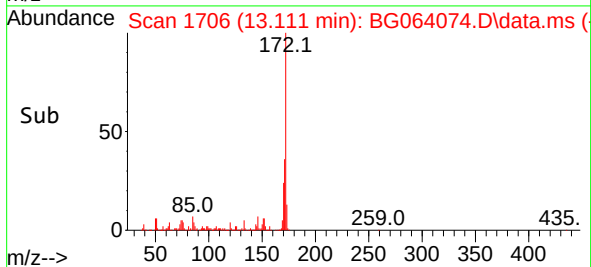
Tgt Ion:330 Resp: 163199
Ion Ratio Lower Upper
330 100
332 94.1 76.7 115.1
141 37.4 29.7 44.5

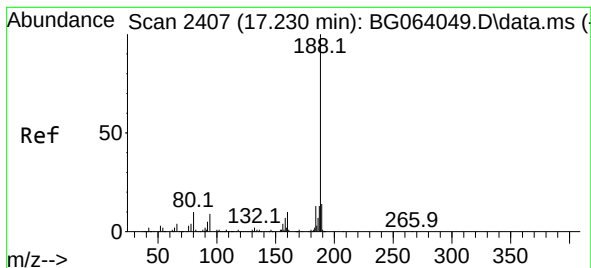


#45
2-Fluorobiphenyl
Concen: 94.673 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG064074.D
Acq: 10 Mar 2025 10:03



Tgt Ion:172 Resp: 611388
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 24.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG064074.D

Acq: 10 Mar 2025 10:03

Instrument :

BNA_G

ClientSampleId :

PB167035BL

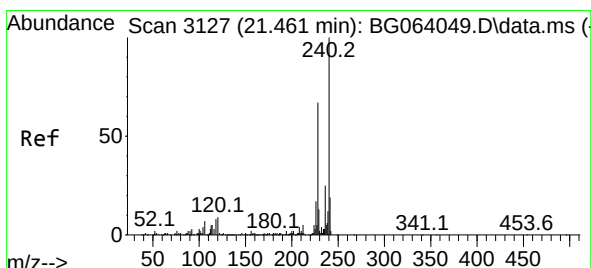
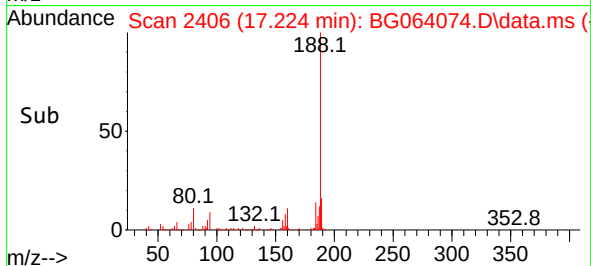
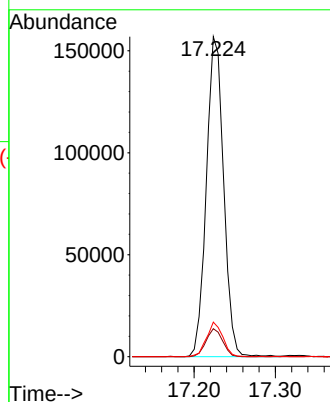
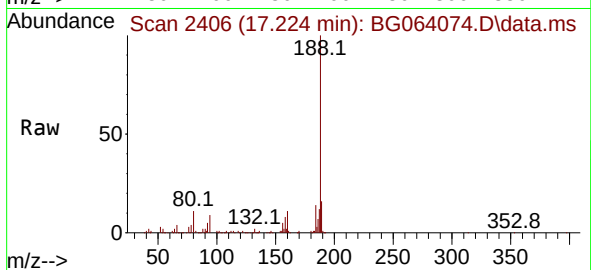
Tgt Ion:188 Resp: 230921

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 10.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.454 min Scan# 3126

Delta R.T. -0.007 min

Lab File: BG064074.D

Acq: 10 Mar 2025 10:03

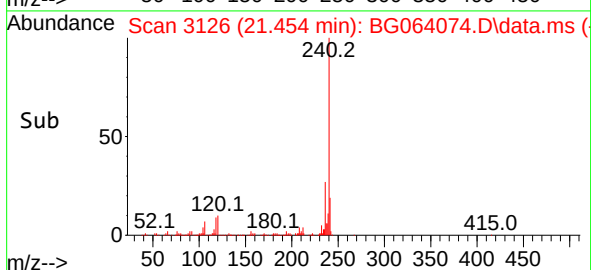
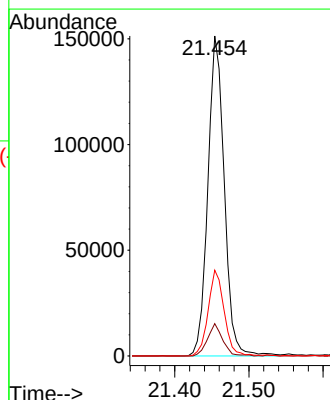
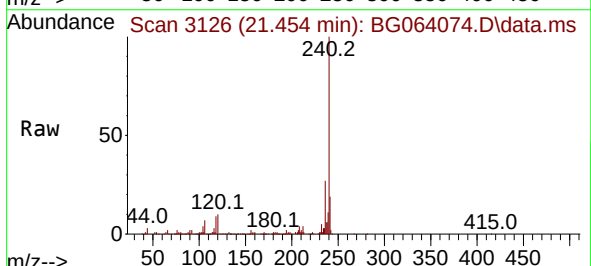
Tgt Ion:240 Resp: 233034

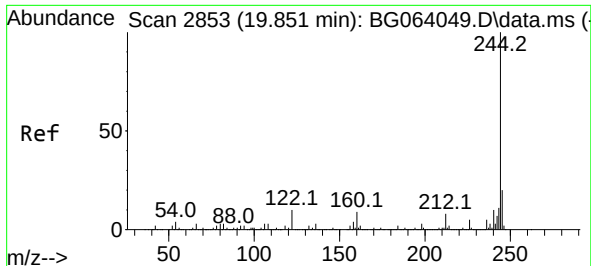
Ion Ratio Lower Upper

240 100

120 10.1 7.2 10.8

236 26.8 20.2 30.2

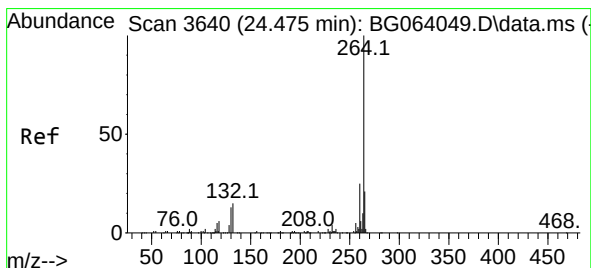
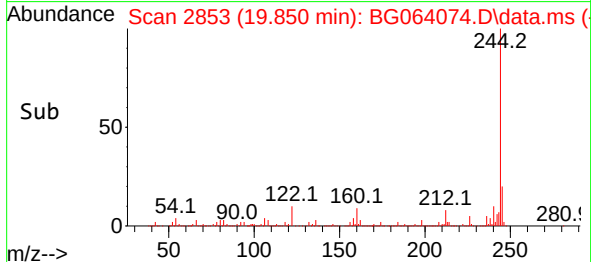
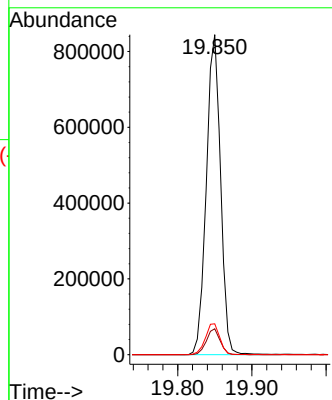
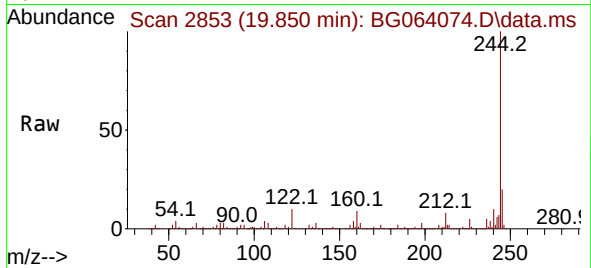




#79
 Terphenyl-d14
 Concen: 97.735 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064074.D
 Acq: 10 Mar 2025 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB167035BL

Tgt Ion:244 Resp: 1126387
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 9.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.468 min Scan# 3639
 Delta R.T. -0.007 min
 Lab File: BG064074.D
 Acq: 10 Mar 2025 10:03

Tgt Ion:264 Resp: 246222
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 21.6 16.6 25.0

