

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064174.D
 Acq On : 3 Apr 2025 19:58
 Operator : RC/JU
 Sample : PB167451BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167451BL

Quant Time: Apr 04 01:46:36 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	7.853	152	27407	20.000	ng	#-0.01
21) Naphthalene-d8	10.650	136	121488	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	99612	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	240876	20.000	ng	0.00
76) Chrysene-d12	21.449	240	250147	20.000	ng	-0.01
86) Perylene-d12	24.463	264	267703	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	245391	139.805	ng	0.00
7) Phenol-d6	7.025	99	334749	140.191	ng	0.00
23) Nitrobenzene-d5	9.011	82	226433	102.999	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	185996	167.979	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	565811	86.218	ng	0.00
79) Terphenyl-d14	19.845	244	1165740	94.229	ng	0.00

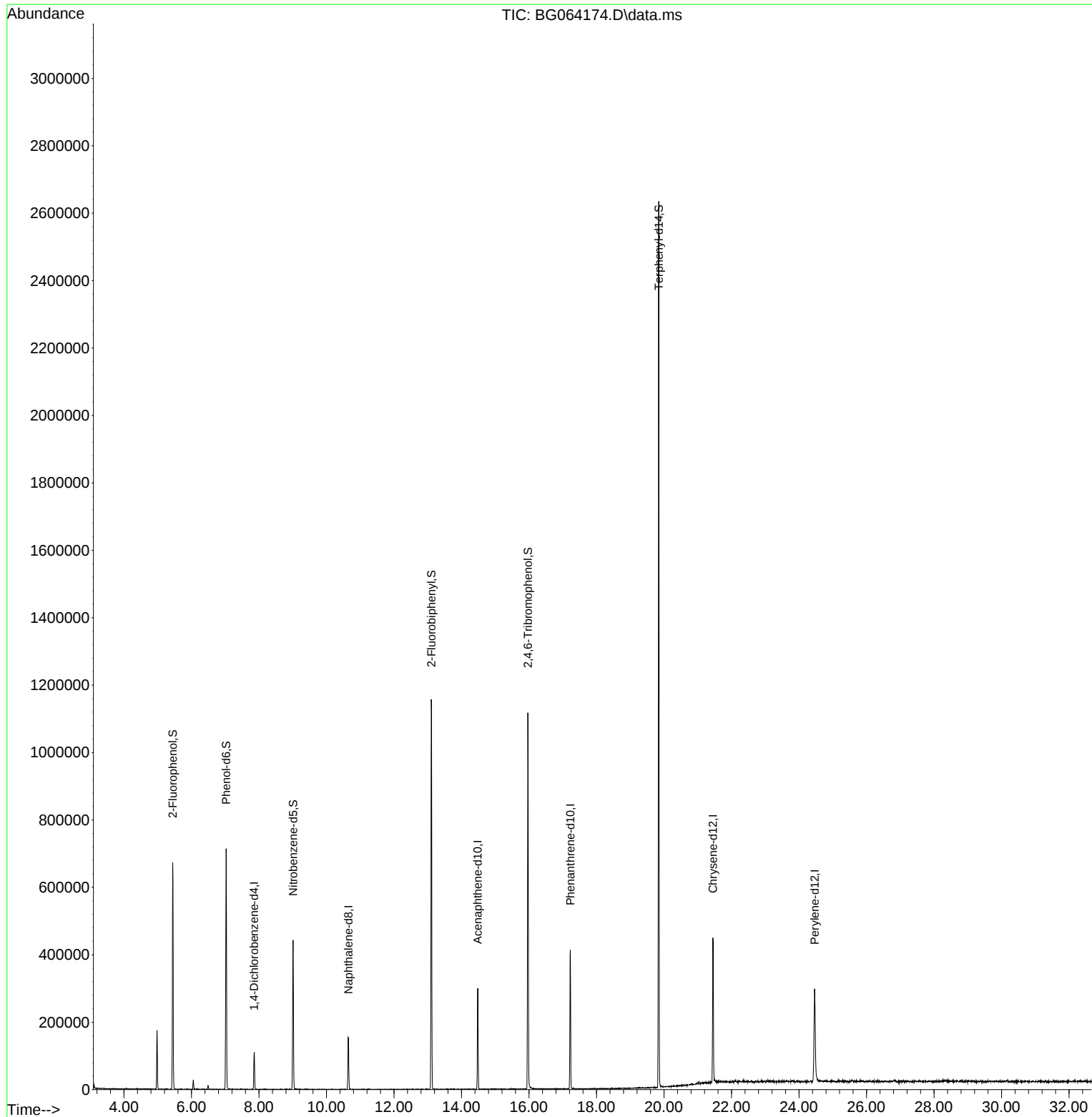
Target Compounds	Qvalue

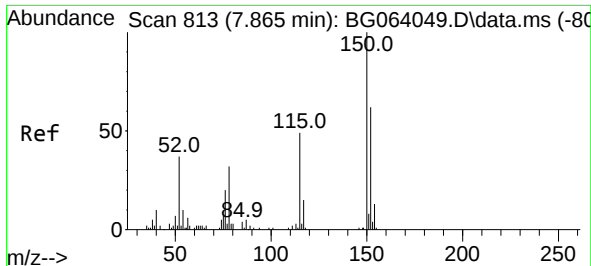
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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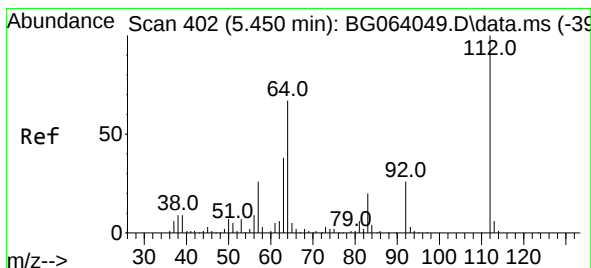
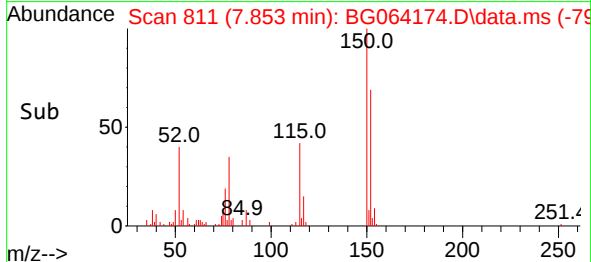
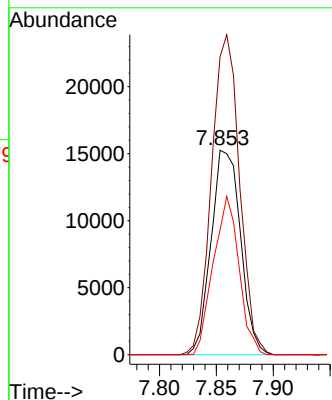
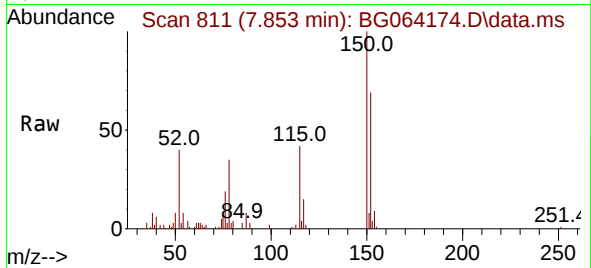




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 813
Delta R.T. -0.012 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

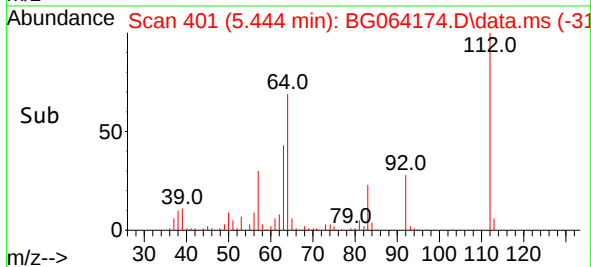
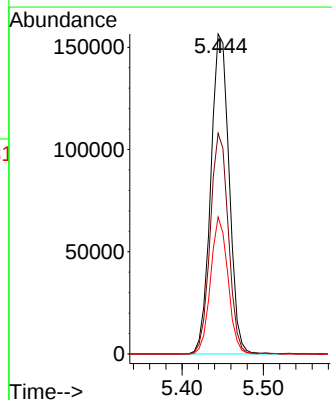
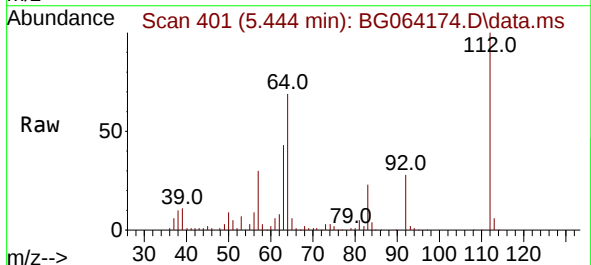
Instrument :
BNA_G
ClientSampleId :
PB167451BL

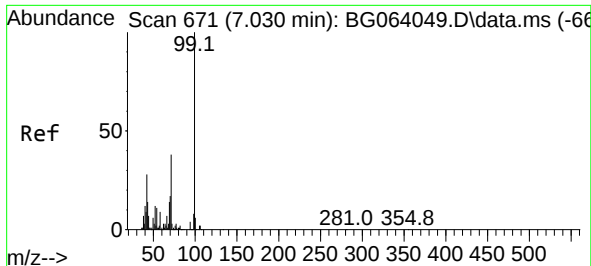
Tgt Ion:152 Resp: 27407
Ion Ratio Lower Upper
152 100
150 145.7 129.2 193.8
115 61.0 63.0 94.6#



#5
2-Fluorophenol
Concen: 139.805 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Tgt Ion:112 Resp: 245391
Ion Ratio Lower Upper
112 100
64 68.9 53.7 80.5
63 42.8 30.2 45.4

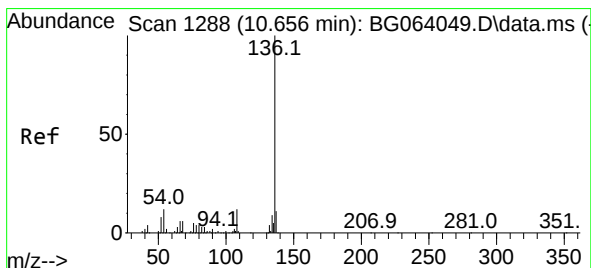
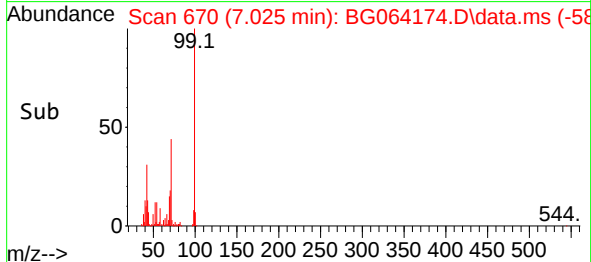
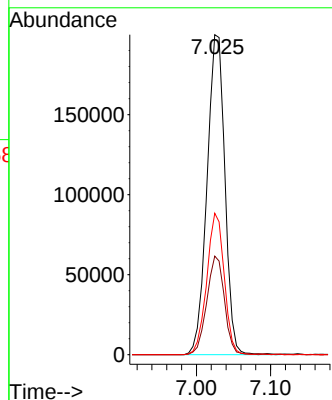
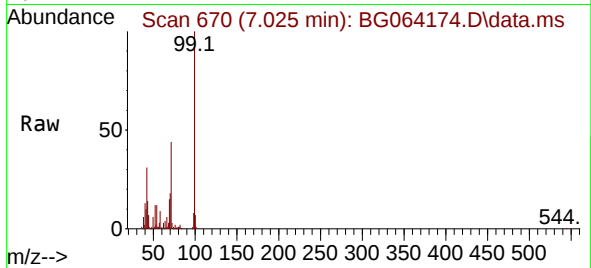




#7
Phenol-d6
Concen: 140.191 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

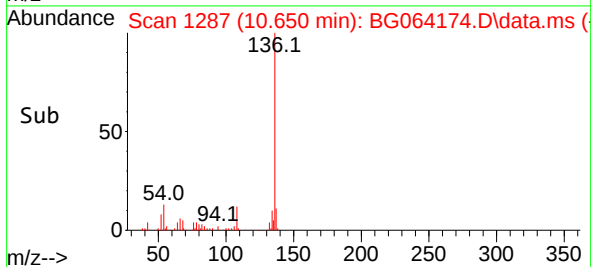
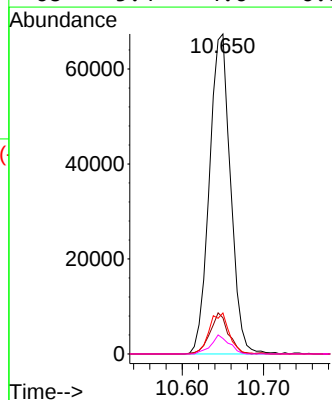
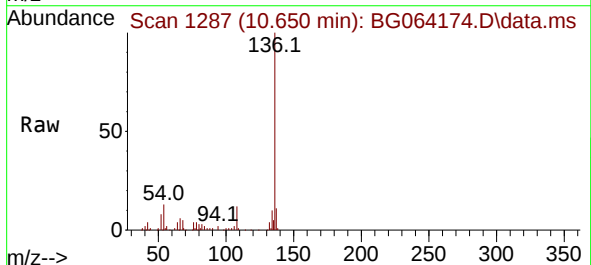
Instrument :
BNA_G
ClientSampleId :
PB167451BL

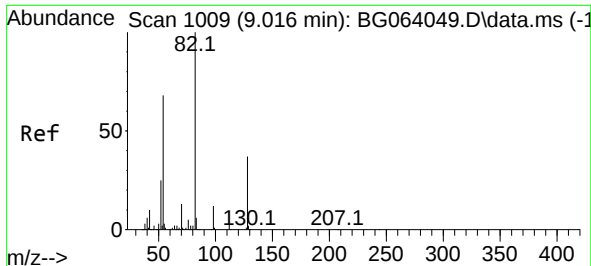
Tgt Ion: 99 Resp: 334749
Ion Ratio Lower Upper
99 100
42 30.8 22.7 34.1
71 44.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Tgt Ion:136 Resp: 121488
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 12.8 9.9 14.9
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 102.999 ng

RT: 9.011 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG064174.D

Acq: 3 Apr 2025 19:58

Instrument :

BNA_G

ClientSampleId :

PB167451BL

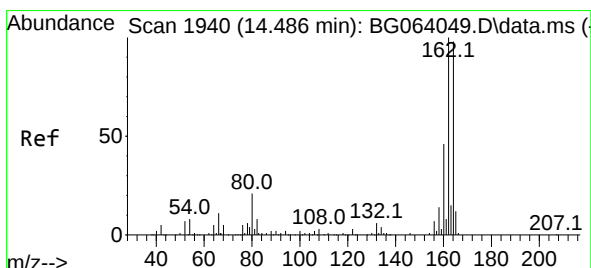
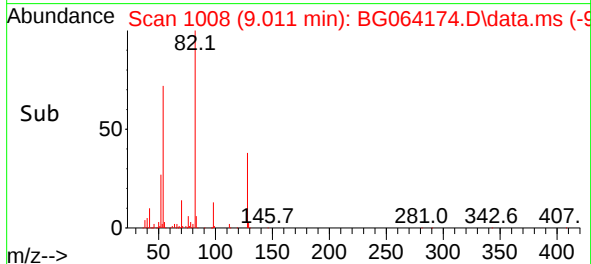
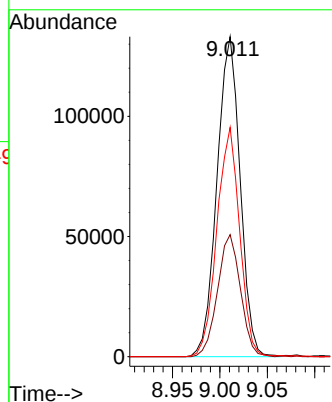
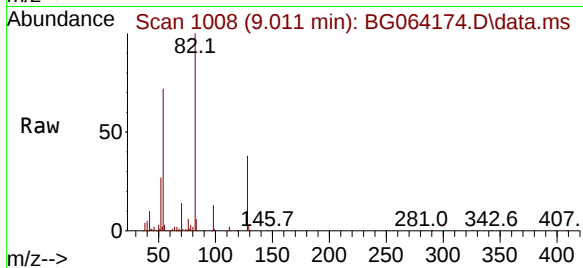
Tgt Ion: 82 Resp: 226433

Ion Ratio Lower Upper

82 100

128 38.1 30.0 45.0

54 71.6 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BG064174.D

Acq: 3 Apr 2025 19:58

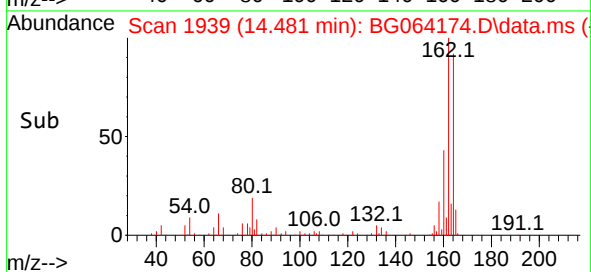
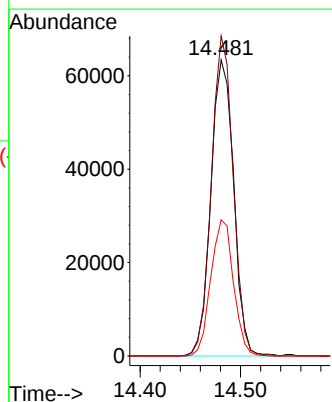
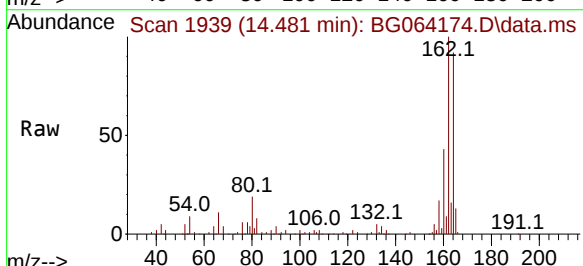
Tgt Ion: 164 Resp: 99612

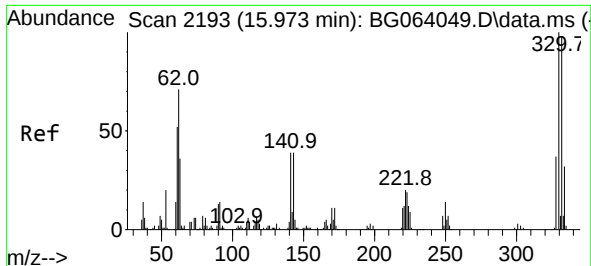
Ion Ratio Lower Upper

164 100

162 108.1 81.4 122.0

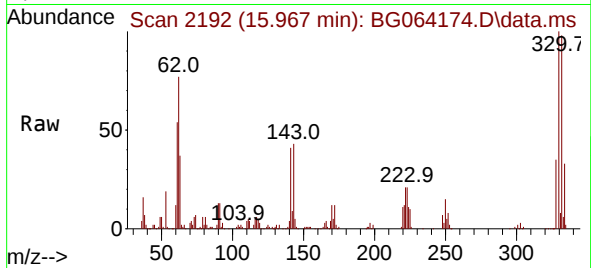
160 46.0 37.0 55.6



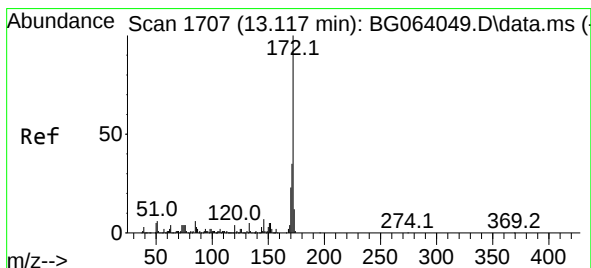
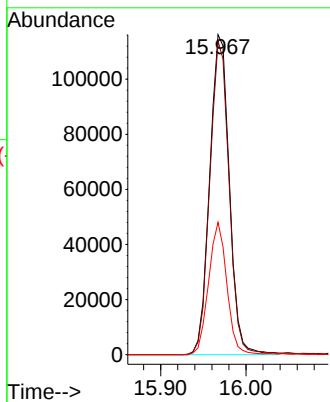
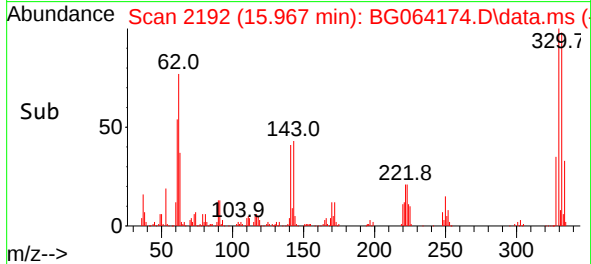


#42
2,4,6-Tribromophenol
Concen: 167.979 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Instrument :
BNA_G
ClientSampleId :
PB167451BL

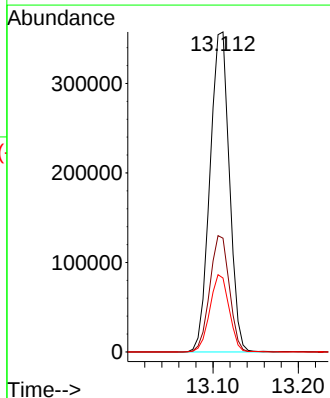
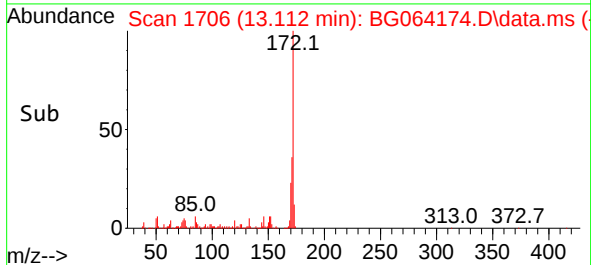
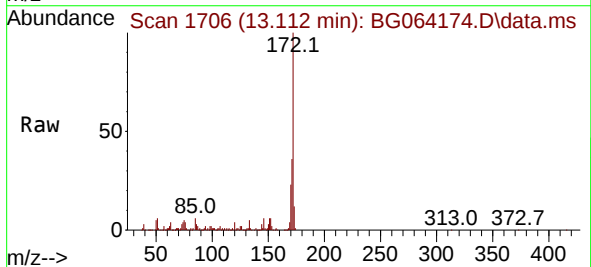


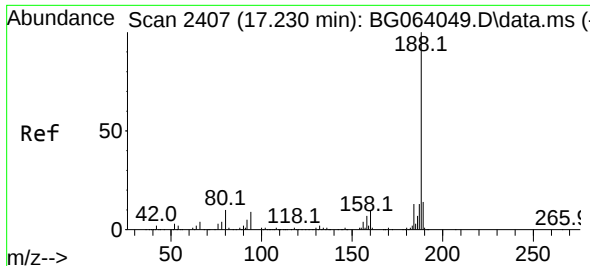
Tgt Ion:330 Resp: 185996
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 38.8 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 86.218 ng
RT: 13.112 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Tgt Ion:172 Resp: 565811
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.1 18.7 28.1

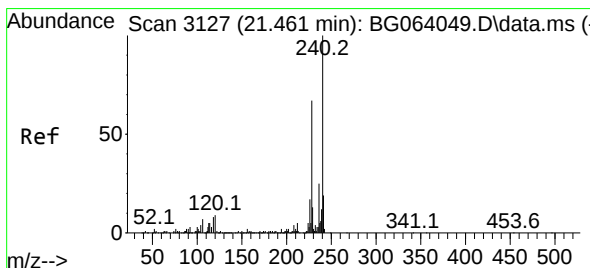
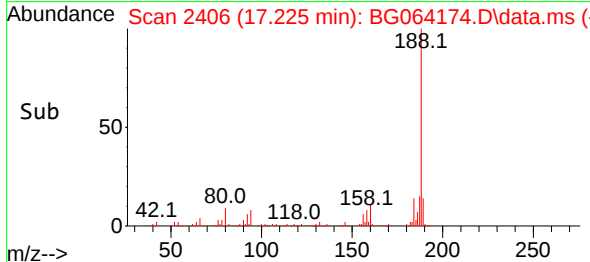
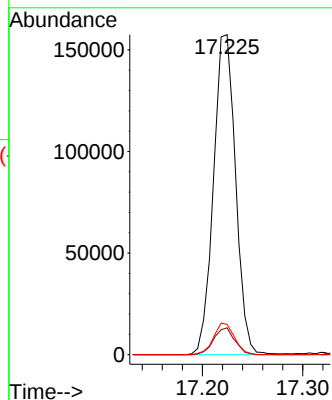
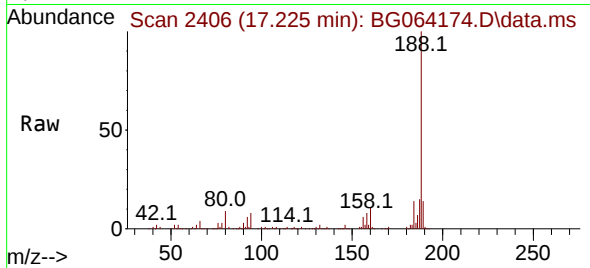




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

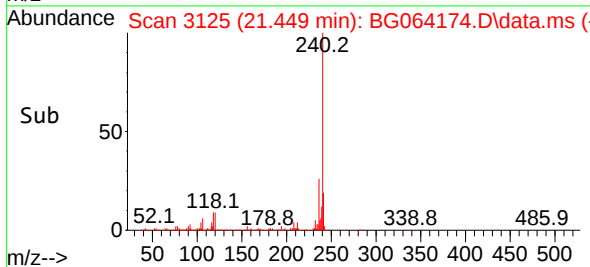
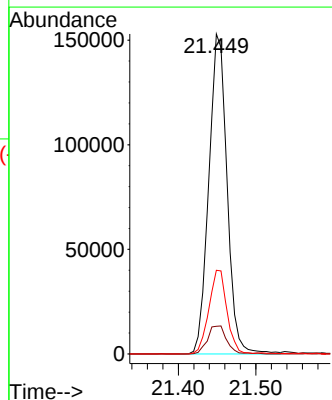
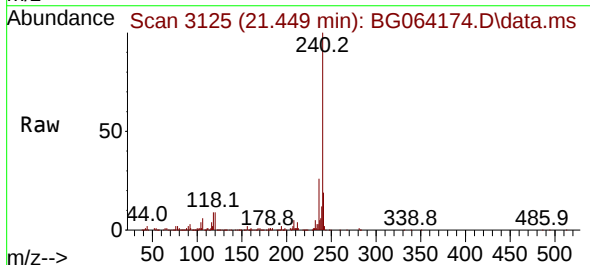
Instrument :
BNA_G
ClientSampleId :
PB167451BL

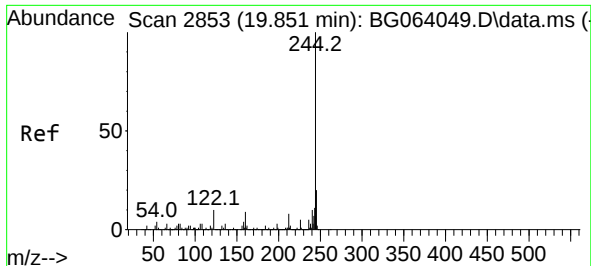
Tgt Ion:188 Resp: 240876
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064174.D
Acq: 3 Apr 2025 19:58

Tgt Ion:240 Resp: 250147
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 26.1 20.2 30.2

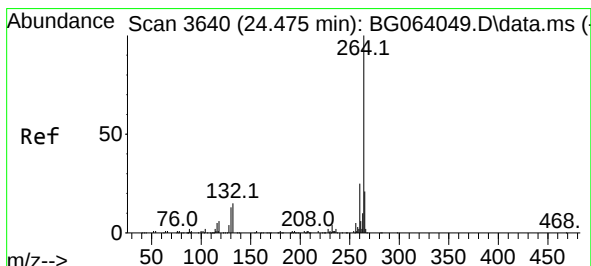
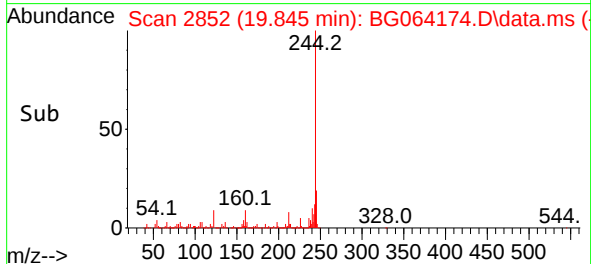
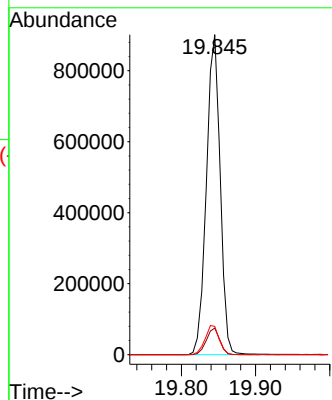
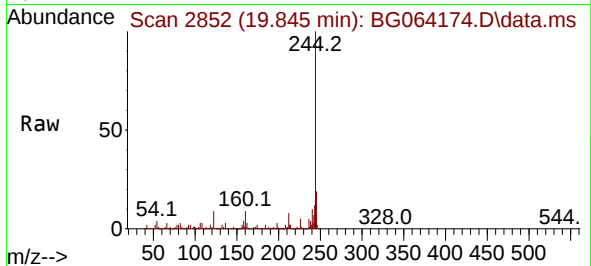




#79
 Terphenyl-d14
 Concen: 94.229 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064174.D
 Acq: 3 Apr 2025 19:58

Instrument :
 BNA_G
 ClientSampleId :
 PB167451BL

Tgt Ion:244 Resp: 1165740
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.4
 122 8.8 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: BG064174.D
 Acq: 3 Apr 2025 19:58

Tgt Ion:264 Resp: 267703
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.4 16.6 25.0

