

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064167.D
 Acq On : 3 Apr 2025 15:13
 Operator : RC/JU
 Sample : PB167376BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167376BL

Quant Time: Apr 03 19:35:06 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	7.856	152	26970	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	121929	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	95631	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	233012	20.000	ng	0.00
76) Chrysene-d12	21.452	240	243299	20.000	ng	0.00
86) Perylene-d12	24.466	264	257357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	270898	156.838	ng	0.00
7) Phenol-d6	7.027	99	363994	154.909	ng	0.00
23) Nitrobenzene-d5	9.007	82	244953	111.020	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	202140	190.159	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	608003	96.504	ng	0.00
79) Terphenyl-d14	19.848	244	1269208	105.481	ng	0.00

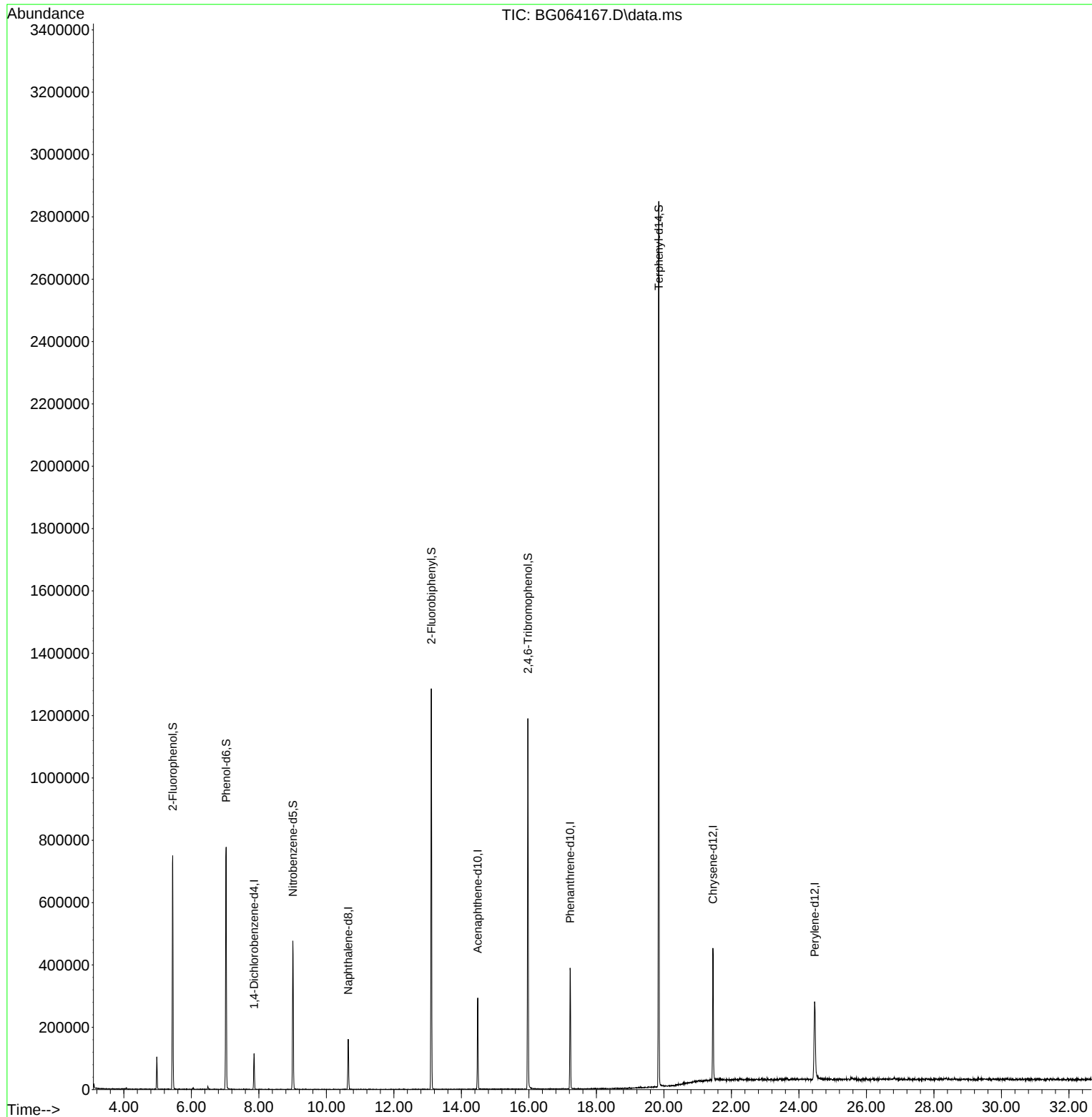
Target Compounds	Qvalue

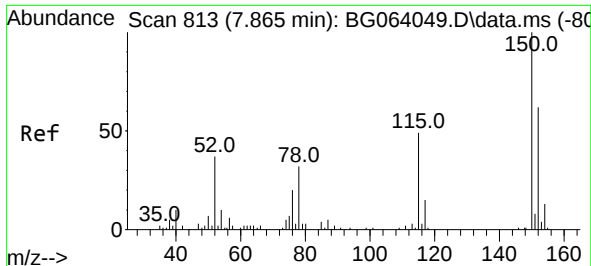
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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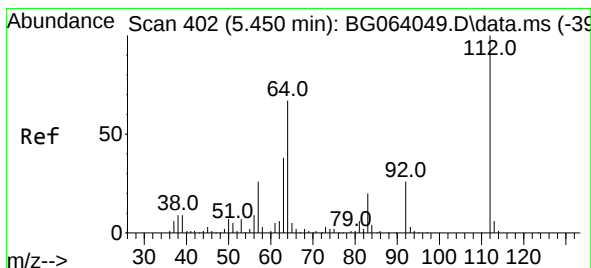
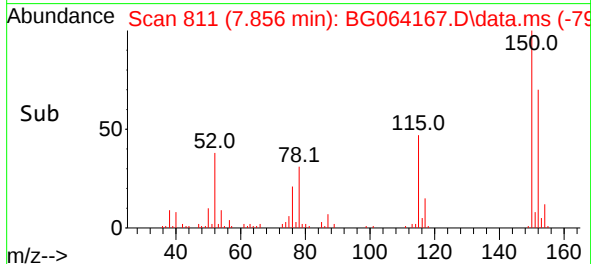
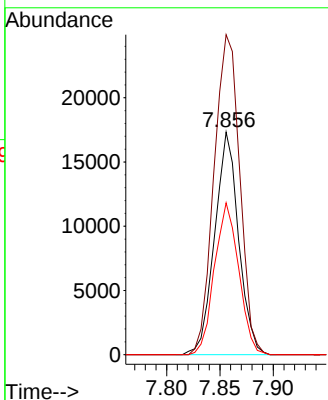
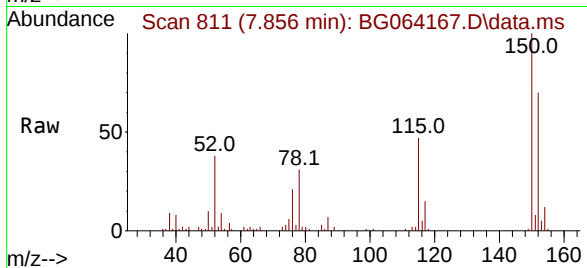




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 813
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

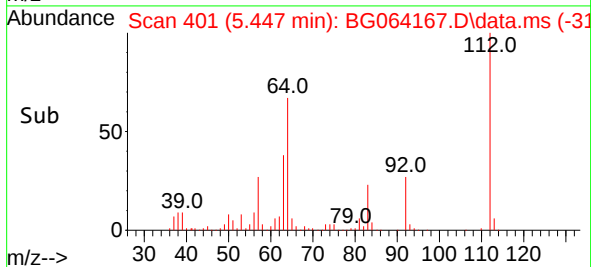
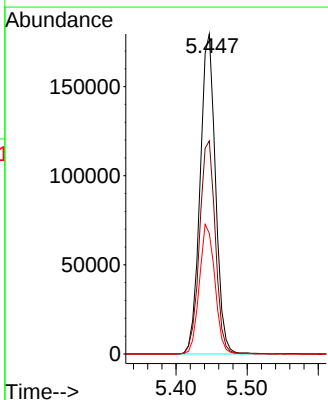
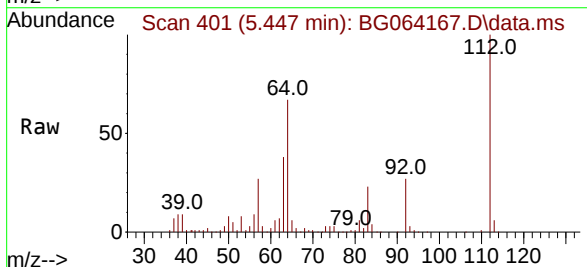
Instrument :
BNA_G
ClientSampleId :
PB167376BL

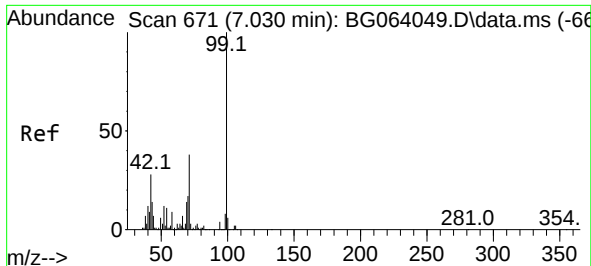
Tgt Ion:152 Resp: 26970
Ion Ratio Lower Upper
152 100
150 143.8 129.2 193.8
115 68.2 63.0 94.6



#5
2-Fluorophenol
Concen: 156.838 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:112 Resp: 270898
Ion Ratio Lower Upper
112 100
64 66.6 53.7 80.5
63 37.7 30.2 45.4

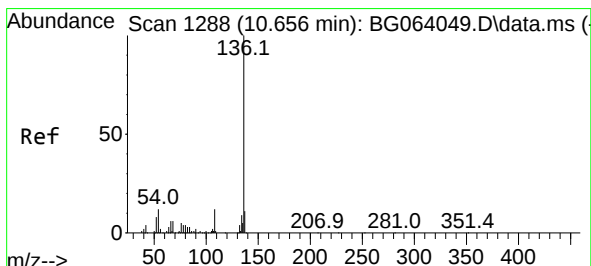
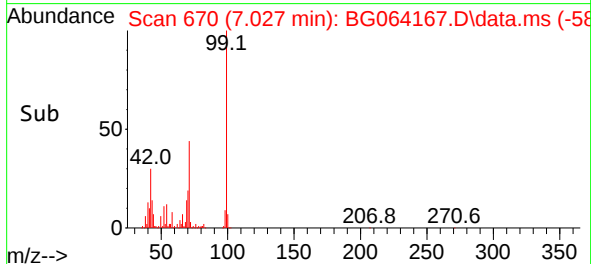
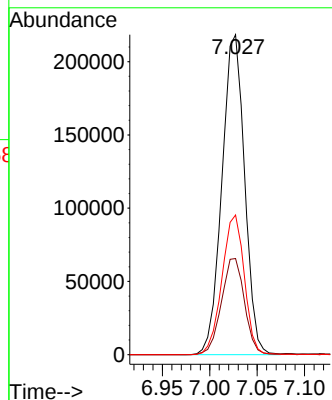
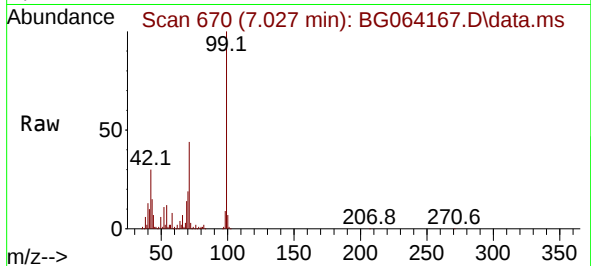




#7
Phenol-d6
Concen: 154.909 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

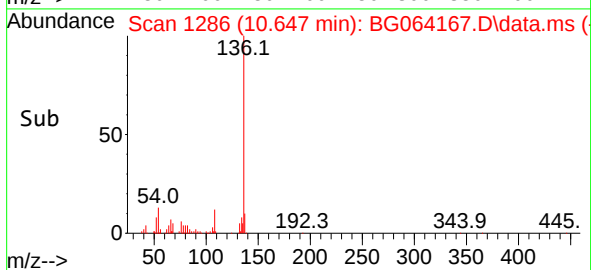
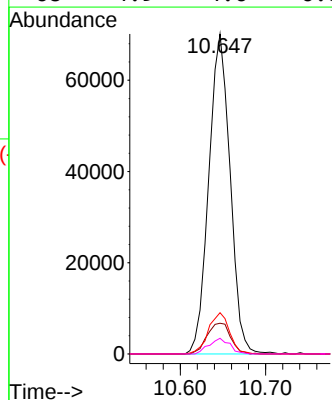
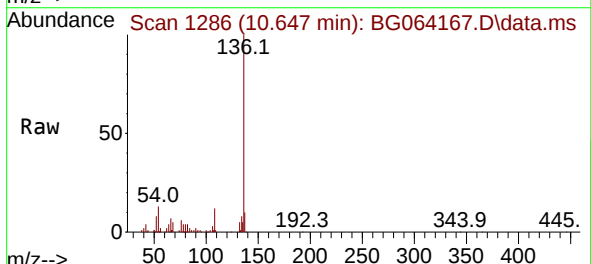
Instrument :
BNA_G
ClientSampleId :
PB167376BL

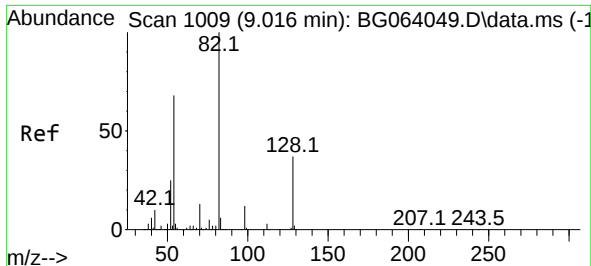
Tgt Ion: 99 Resp: 363994
Ion Ratio Lower Upper
99 100
42 30.1 22.7 34.1
71 43.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1286
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion: 136 Resp: 121929
Ion Ratio Lower Upper
136 100
137 9.6 8.5 12.7
54 12.9 9.9 14.9
68 4.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 111.020 ng

RT: 9.007 min Scan# 1009

Delta R.T. -0.009 min

Lab File: BG064167.D

Acq: 3 Apr 2025 15:13

Instrument :

BNA_G

ClientSampleId :

PB167376BL

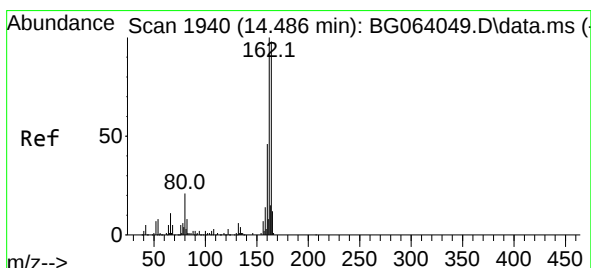
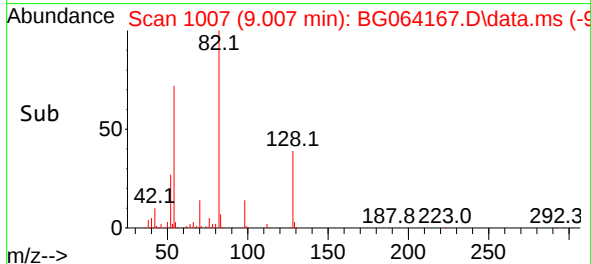
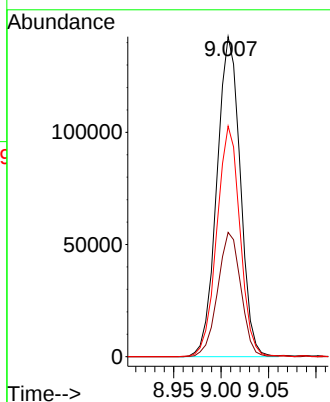
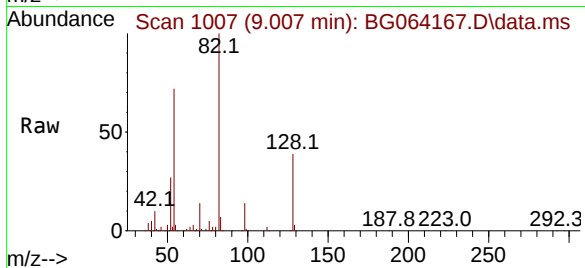
Tgt Ion: 82 Resp: 244953

Ion Ratio Lower Upper

82 100

128 38.8 30.0 45.0

54 72.0 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. -0.003 min

Lab File: BG064167.D

Acq: 3 Apr 2025 15:13

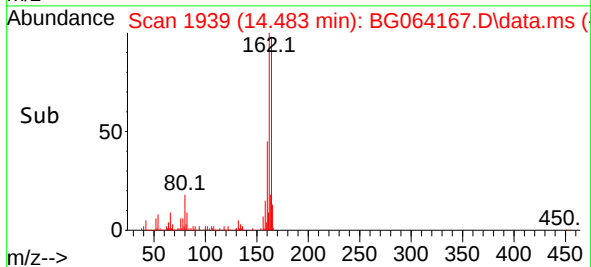
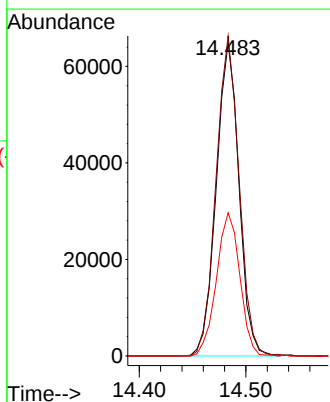
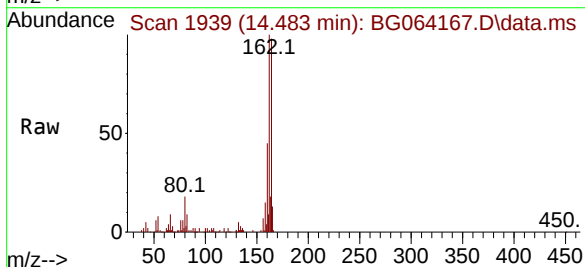
Tgt Ion:164 Resp: 95631

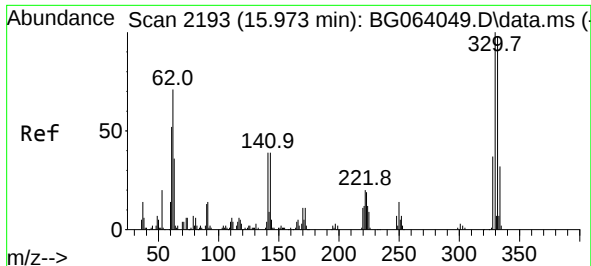
Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 45.7 37.0 55.6

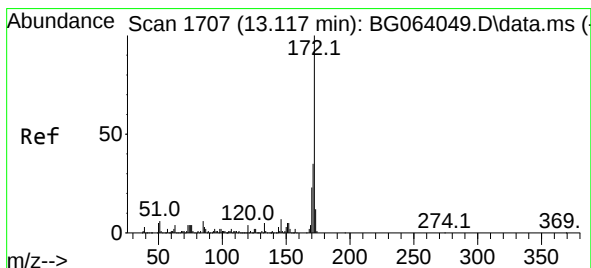
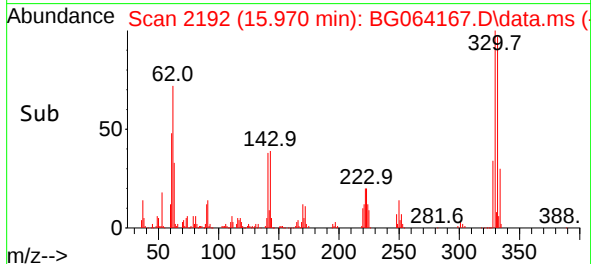
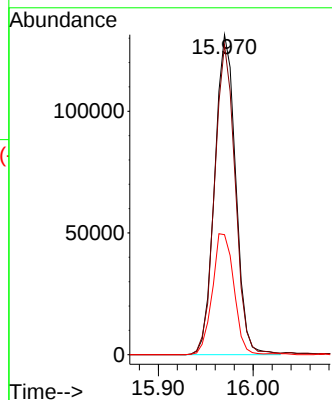
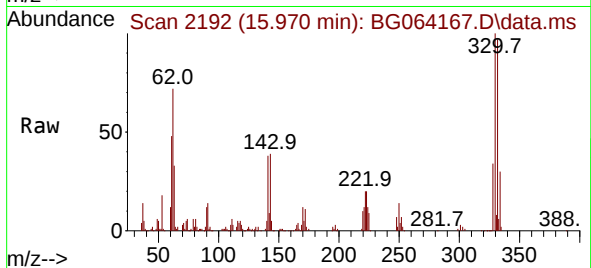




#42
2,4,6-Tribromophenol
Concen: 190.159 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

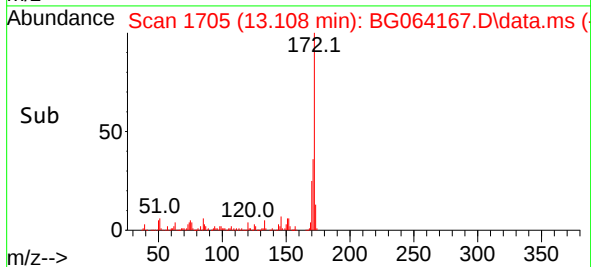
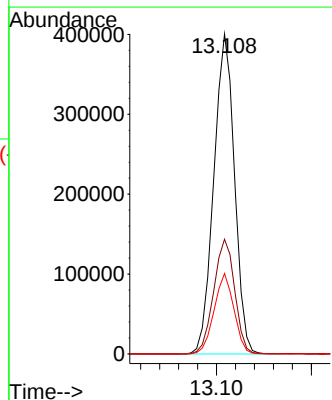
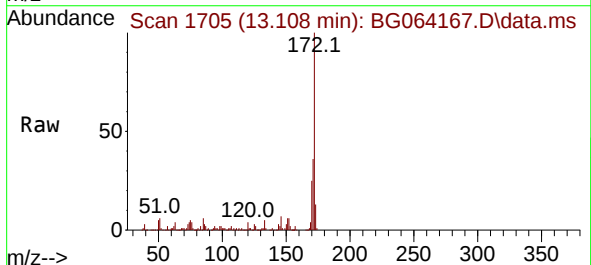
Instrument :
BNA_G
ClientSampleId :
PB167376BL

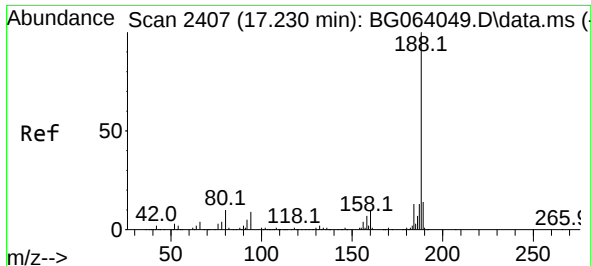
Tgt Ion:330 Resp: 202140
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 38.6 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 96.504 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

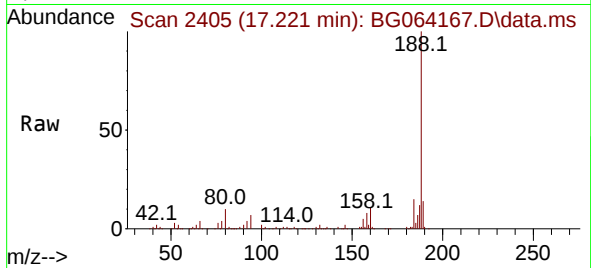
Tgt Ion:172 Resp: 608003
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 25.2 18.7 28.1



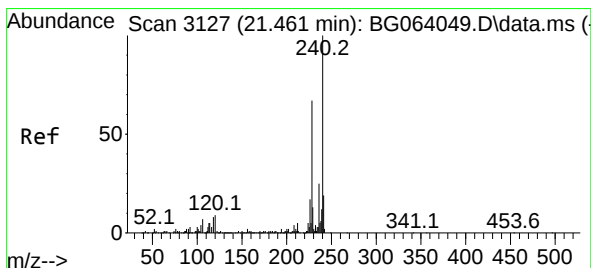
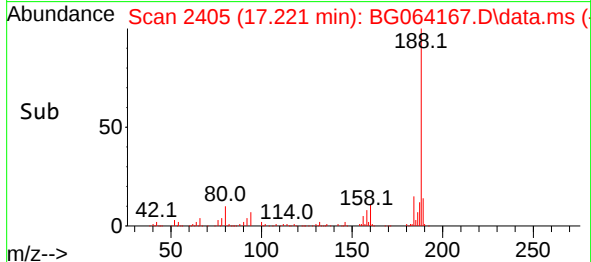
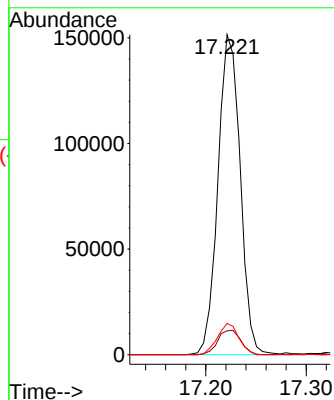


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2407
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :
PB167376BL

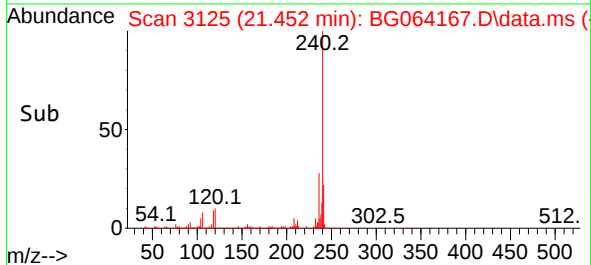
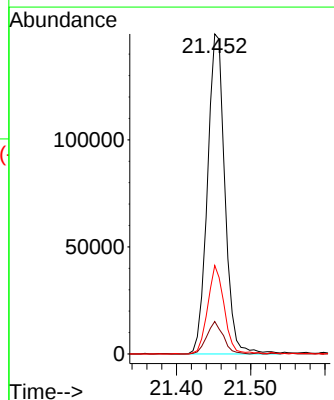
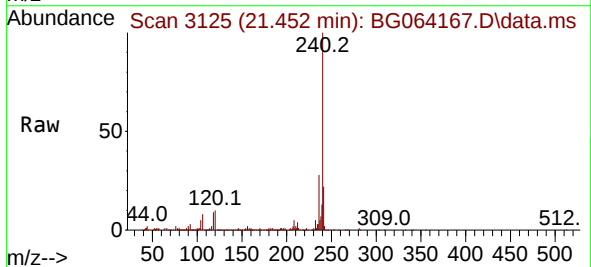


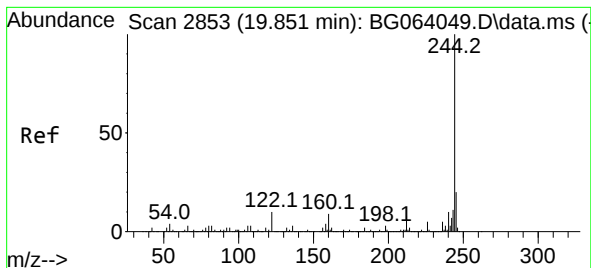
Tgt Ion:188 Resp: 233012
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:240 Resp: 243299
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 27.7 20.2 30.2





#79

Terphenyl-d14

Concen: 105.481 ng

RT: 19.848 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064167.D

Acq: 3 Apr 2025 15:13

Instrument :

BNA_G

ClientSampleId :

PB167376BL

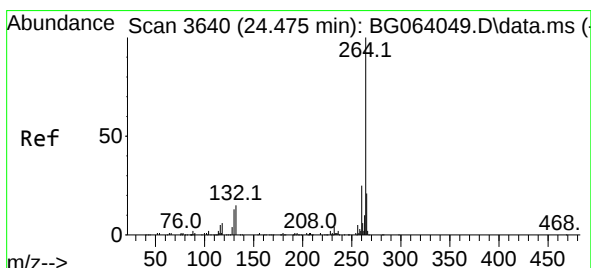
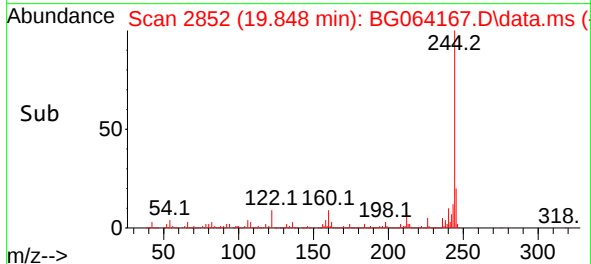
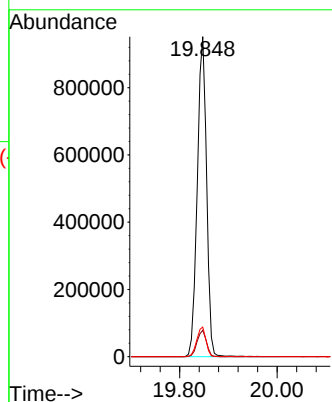
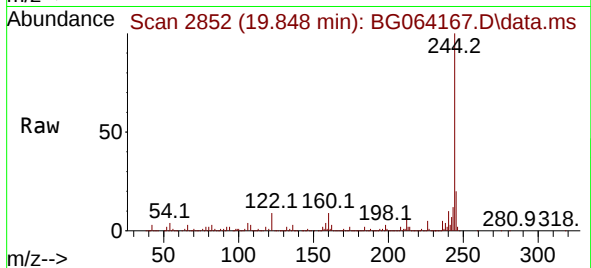
Tgt Ion:244 Resp: 1269208

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

122 9.3 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.466 min Scan# 3638

Delta R.T. -0.009 min

Lab File: BG064167.D

Acq: 3 Apr 2025 15:13

Tgt Ion:264 Resp: 257357

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 21.5 16.6 25.0

