

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064171.D
 Acq On : 3 Apr 2025 17:56
 Operator : RC/JU
 Sample : PB167393BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167393BL

Quant Time: Apr 04 01:44:57 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	7.862	152	25692	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	118561	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	97336	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	234504	20.000	ng	0.00
76) Chrysene-d12	21.451	240	246421	20.000	ng	0.00
86) Perylene-d12	24.466	264	258720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	226578	137.704	ng	0.00
7) Phenol-d6	7.027	99	311166	139.014	ng	0.00
23) Nitrobenzene-d5	9.007	82	211883	98.760	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	177238	163.812	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	549402	85.675	ng	0.00
79) Terphenyl-d14	19.847	244	1118423	91.772	ng	0.00

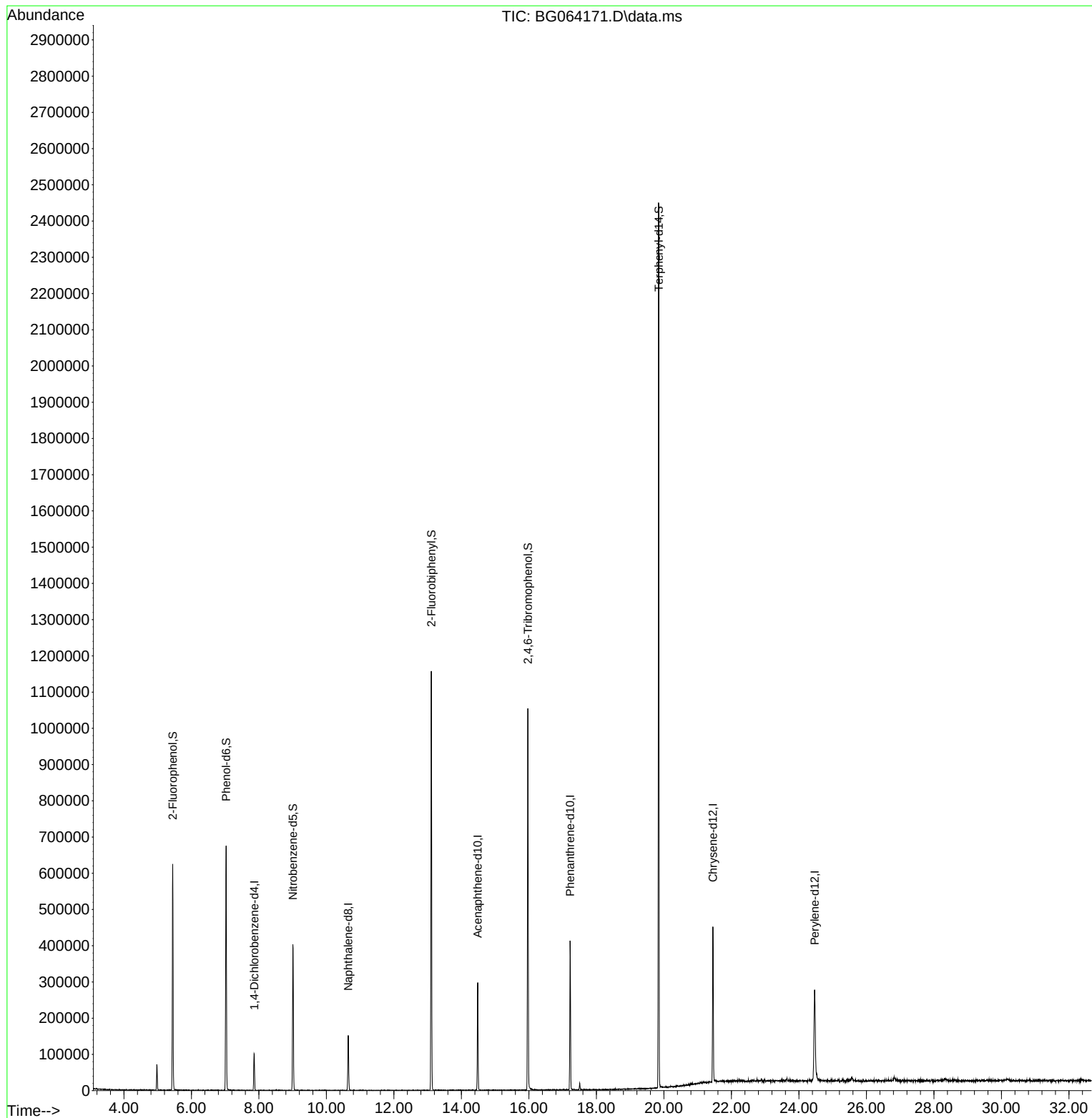
Target Compounds	Qvalue

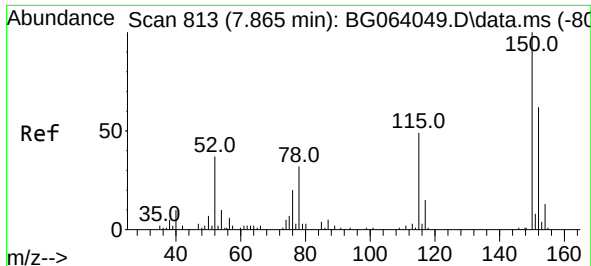
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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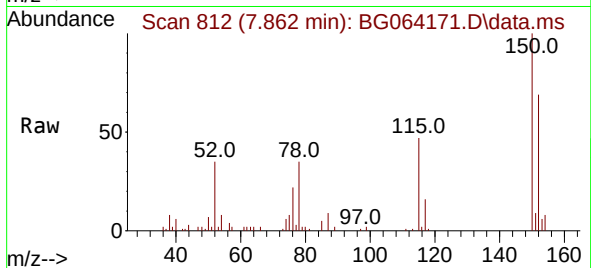
Quant Time: Apr 04 01:44:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
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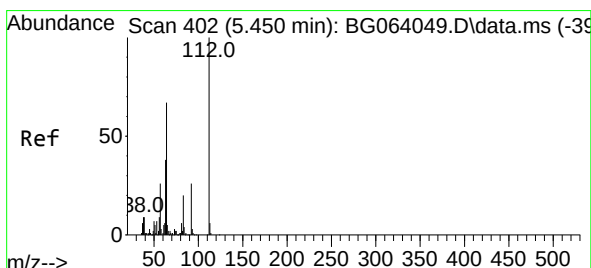
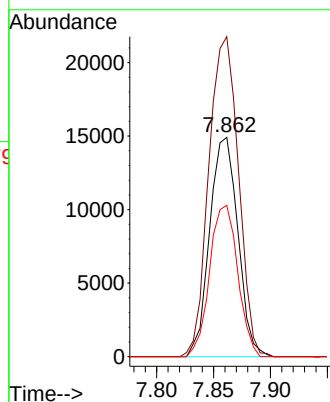
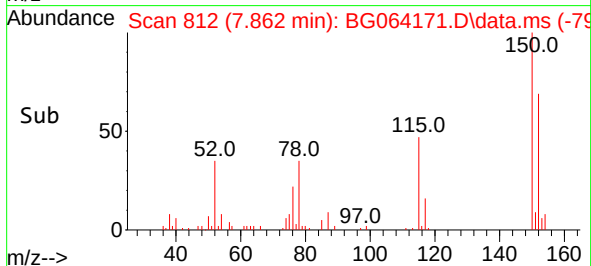


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 813
Delta R.T. -0.003 min
Lab File: BG064171.D
Acq: 3 Apr 2025 17:56

Instrument :
BNA_G
ClientSampleId :
PB167393BL

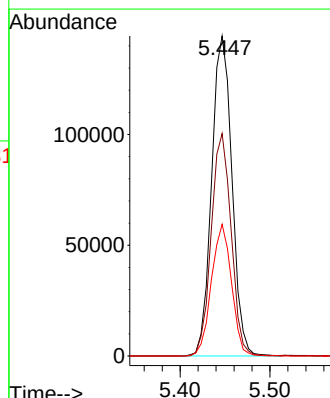
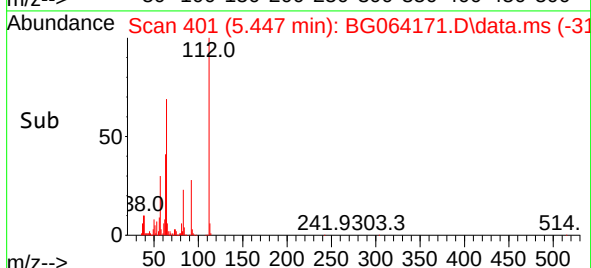
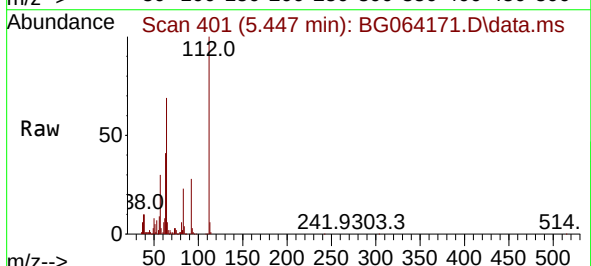


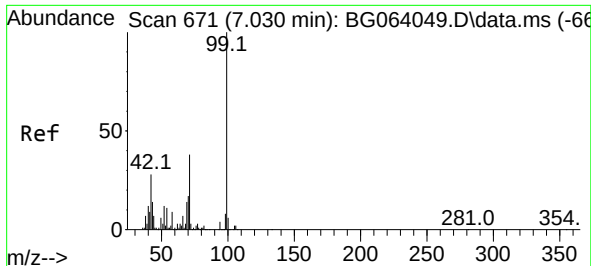
Tgt Ion:152 Resp: 25692
Ion Ratio Lower Upper
152 100
150 145.9 129.2 193.8
115 69.0 63.0 94.6



#5
2-Fluorophenol
Concen: 137.704 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064171.D
Acq: 3 Apr 2025 17:56

Tgt Ion:112 Resp: 226578
Ion Ratio Lower Upper
112 100
64 69.5 53.7 80.5
63 41.1 30.2 45.4

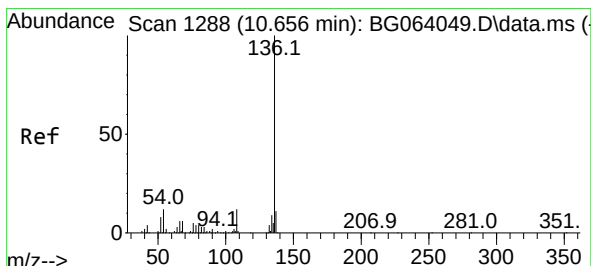
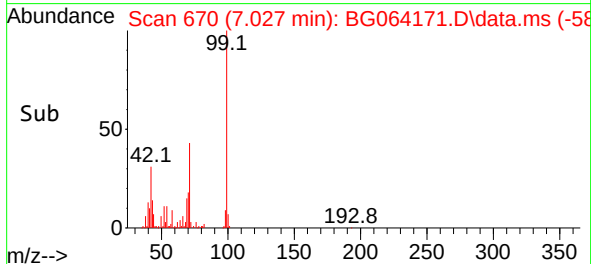
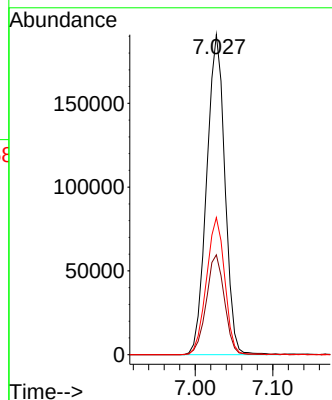
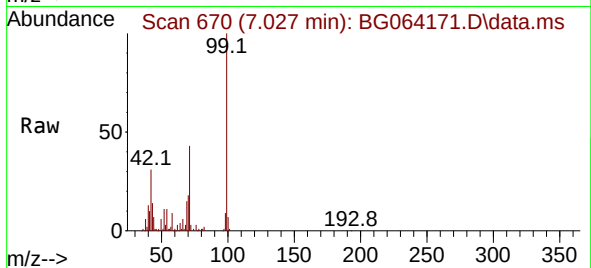




#7
Phenol-d6
Concen: 139.014 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064171.D
Acq: 3 Apr 2025 17:56

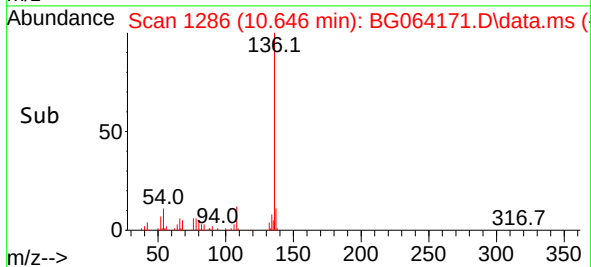
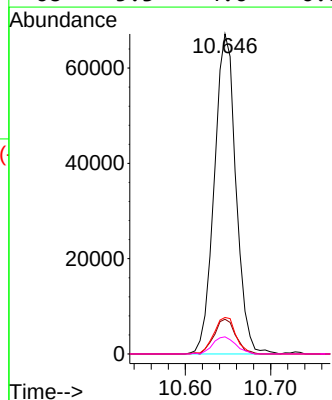
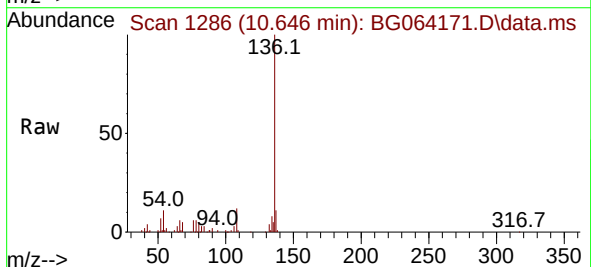
Instrument :
BNA_G
ClientSampleId :
PB167393BL

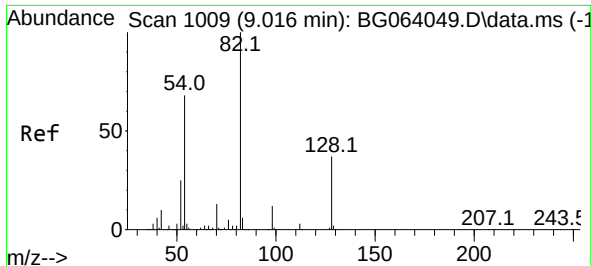
Tgt Ion: 99 Resp: 311166
Ion Ratio Lower Upper
99 100
42 31.2 22.7 34.1
71 42.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064171.D
Acq: 3 Apr 2025 17:56

Tgt Ion: 136 Resp: 118561
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.4 9.9 14.9
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 98.760 ng

RT: 9.007 min Scan# 1007

Delta R.T. -0.009 min

Lab File: BG064171.D

Acq: 3 Apr 2025 17:56

Instrument :

BNA_G

ClientSampleId :

PB167393BL

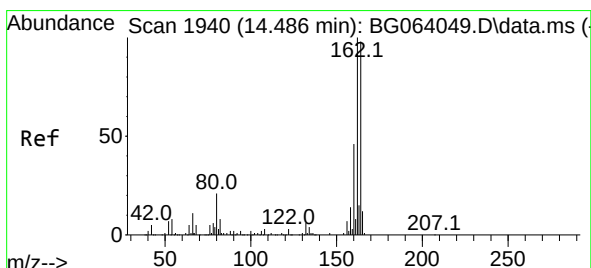
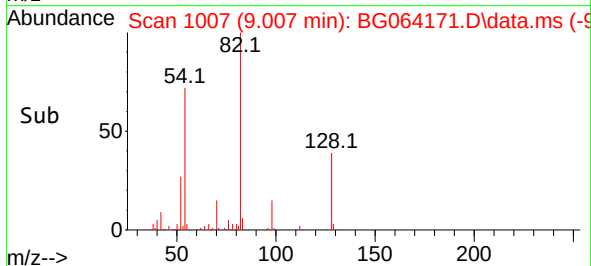
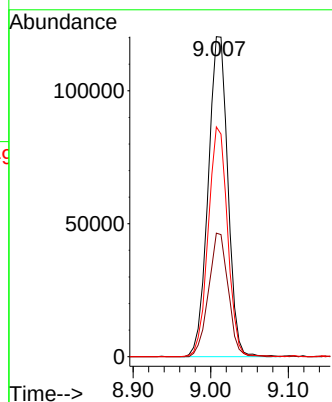
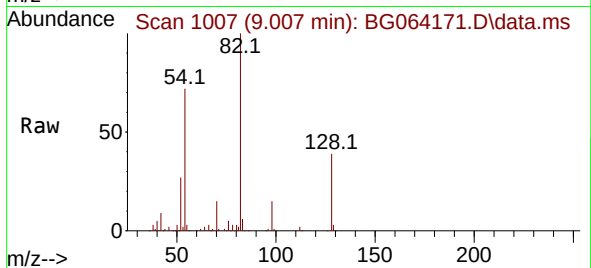
Tgt Ion: 82 Resp: 211883

Ion Ratio Lower Upper

82 100

128 38.6 30.0 45.0

54 71.8 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: BG064171.D

Acq: 3 Apr 2025 17:56

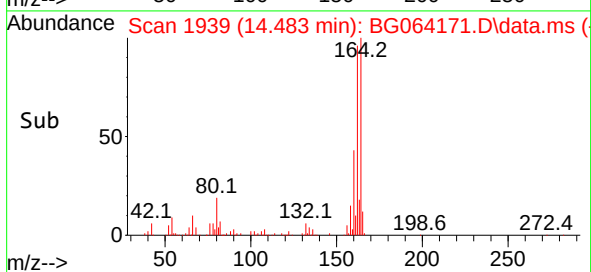
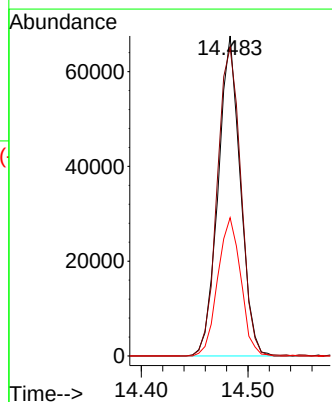
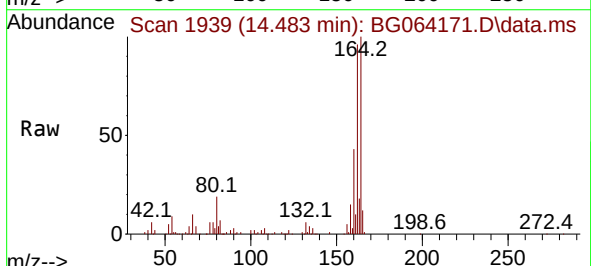
Tgt Ion:164 Resp: 97336

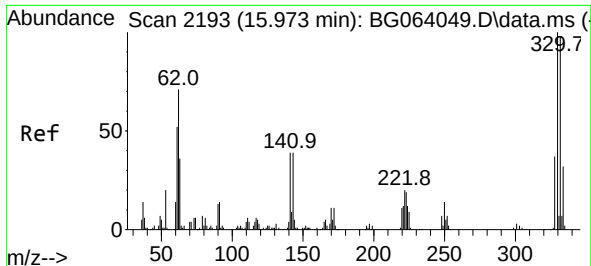
Ion Ratio Lower Upper

164 100

162 96.4 81.4 122.0

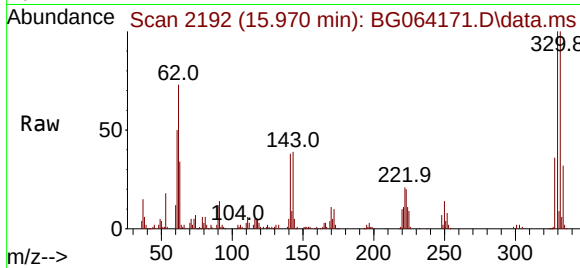
160 43.2 37.0 55.6



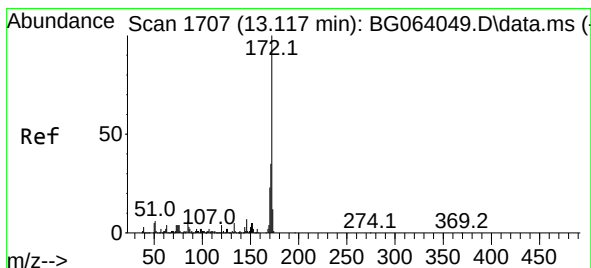
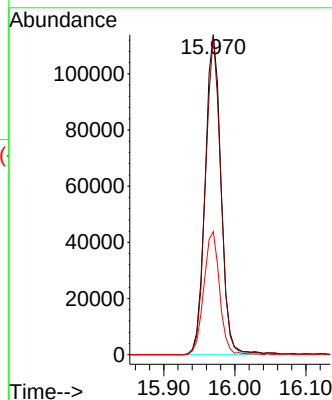
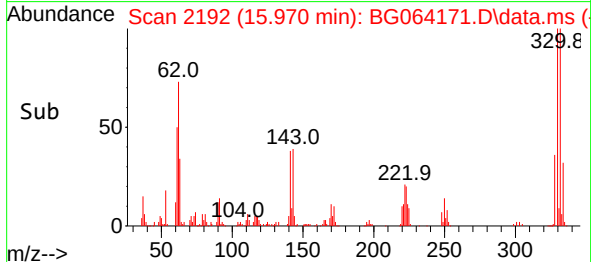


#42
 2,4,6-Tribromophenol
 Concen: 163.812 ng
 RT: 15.970 min Scan# 2193
 Delta R.T. -0.003 min
 Lab File: BG064171.D
 Acq: 3 Apr 2025 17:56

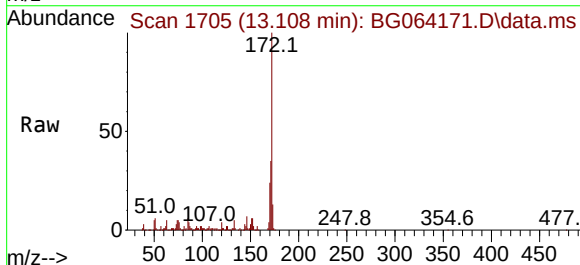
Instrument :
 BNA_G
 ClientSampleId :
 PB167393BL



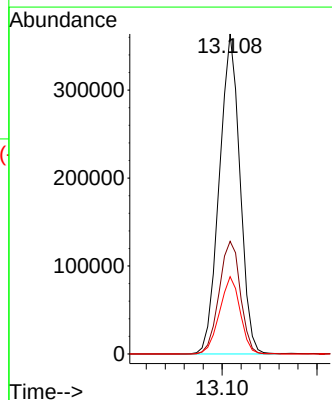
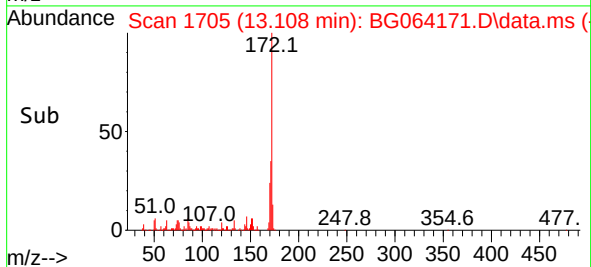
Tgt Ion:330 Resp: 177238
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 38.2 29.7 44.5

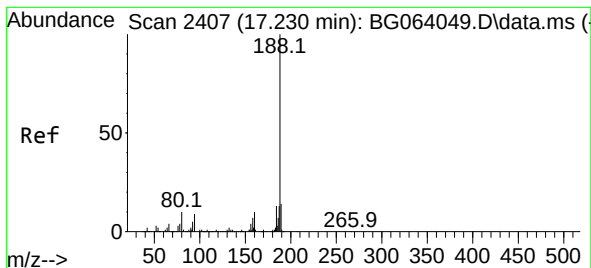


#45
 2-Fluorobiphenyl
 Concen: 85.675 ng
 RT: 13.108 min Scan# 1705
 Delta R.T. -0.009 min
 Lab File: BG064171.D
 Acq: 3 Apr 2025 17:56



Tgt Ion:172 Resp: 549402
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.0 42.0
 170 24.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2405

Delta R.T. -0.009 min

Lab File: BG064171.D

Acq: 3 Apr 2025 17:56

Instrument :

BNA_G

ClientSampleId :

PB167393BL

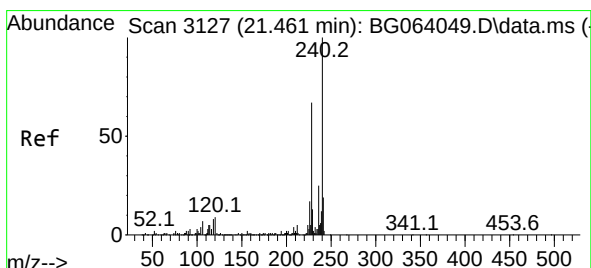
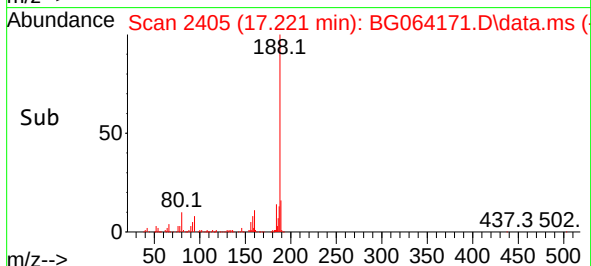
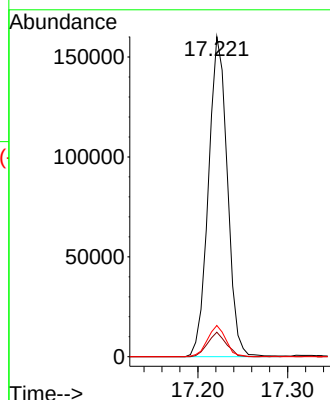
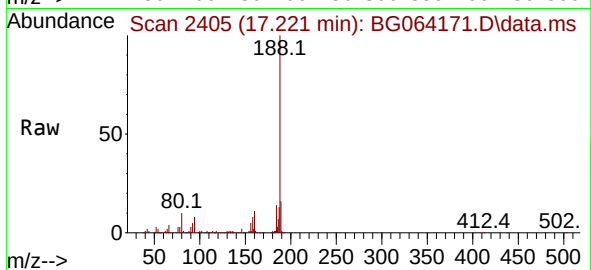
Tgt Ion:188 Resp: 234504

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

80 9.7 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.451 min Scan# 3125

Delta R.T. -0.009 min

Lab File: BG064171.D

Acq: 3 Apr 2025 17:56

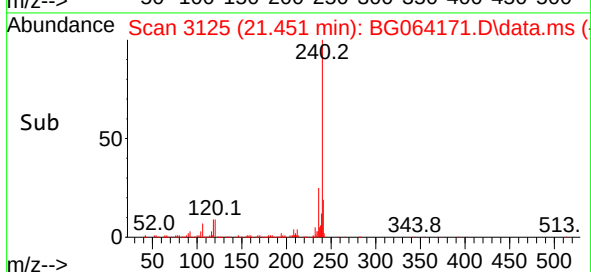
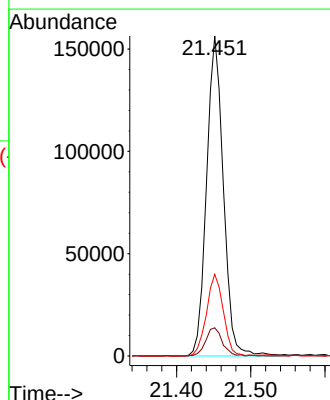
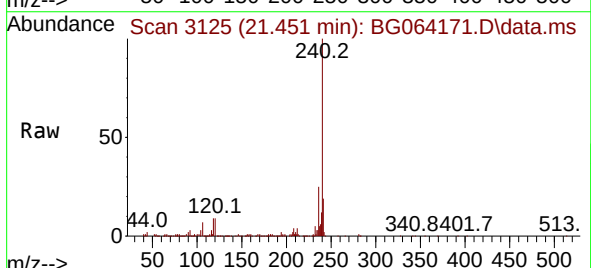
Tgt Ion:240 Resp: 246421

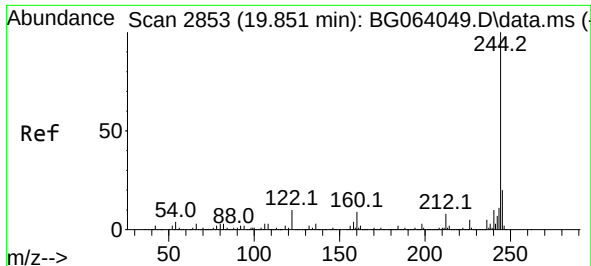
Ion Ratio Lower Upper

240 100

120 8.8 7.2 10.8

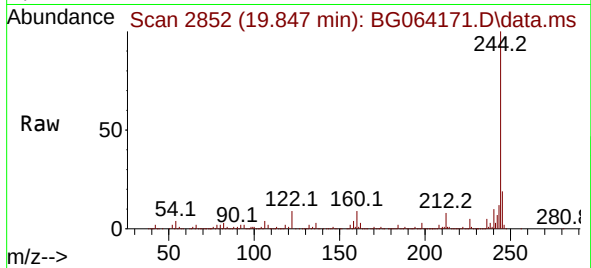
236 25.5 20.2 30.2



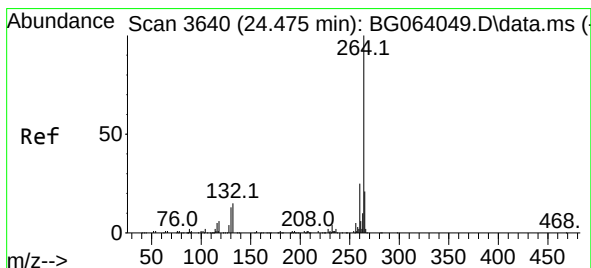
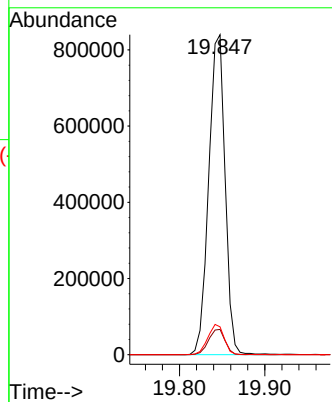
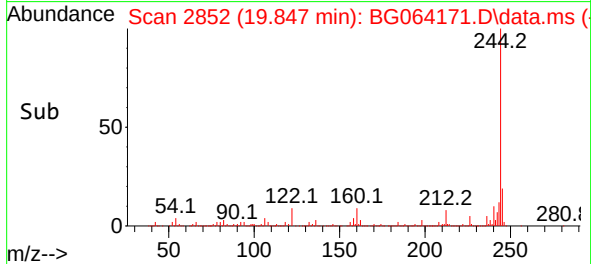


#79
 Terphenyl-d14
 Concen: 91.772 ng
 RT: 19.847 min Scan# 2852
 Delta R.T. -0.003 min
 Lab File: BG064171.D
 Acq: 3 Apr 2025 17:56

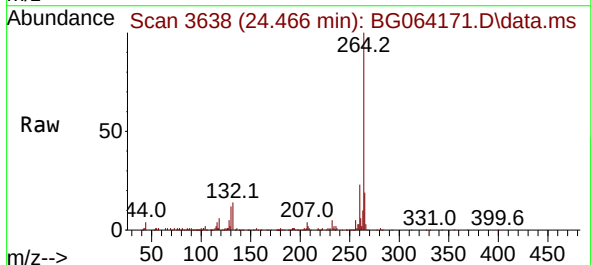
Instrument :
 BNA_G
 ClientSampleId :
 PB167393BL



Tgt Ion:244 Resp: 1118423
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 8.7 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: BG064171.D
 Acq: 3 Apr 2025 17:56



Tgt Ion:264 Resp: 258720
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 19.5 16.6 25.0

