

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064059.D
 Acq On : 7 Mar 2025 14:58
 Operator : RC/JU
 Sample : PB167027BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167027BL

Quant Time: Mar 07 15:49:17 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	7.867	152	31906	20.000	ng	# 0.00
21) Naphthalene-d8	10.652	136	141288	20.000	ng	0.00
39) Acenaphthene-d10	14.488	164	97981	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	246502	20.000	ng	0.00
76) Chrysene-d12	21.457	240	261251	20.000	ng	0.00
86) Perylene-d12	24.477	264	265918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	290016	141.931	ng	0.00
7) Phenol-d6	7.027	99	377339	135.745	ng	0.00
23) Nitrobenzene-d5	9.013	82	245156	95.888	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	158322	145.366	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	572019	88.615	ng	0.00
79) Terphenyl-d14	19.853	244	1197853	92.710	ng	0.00

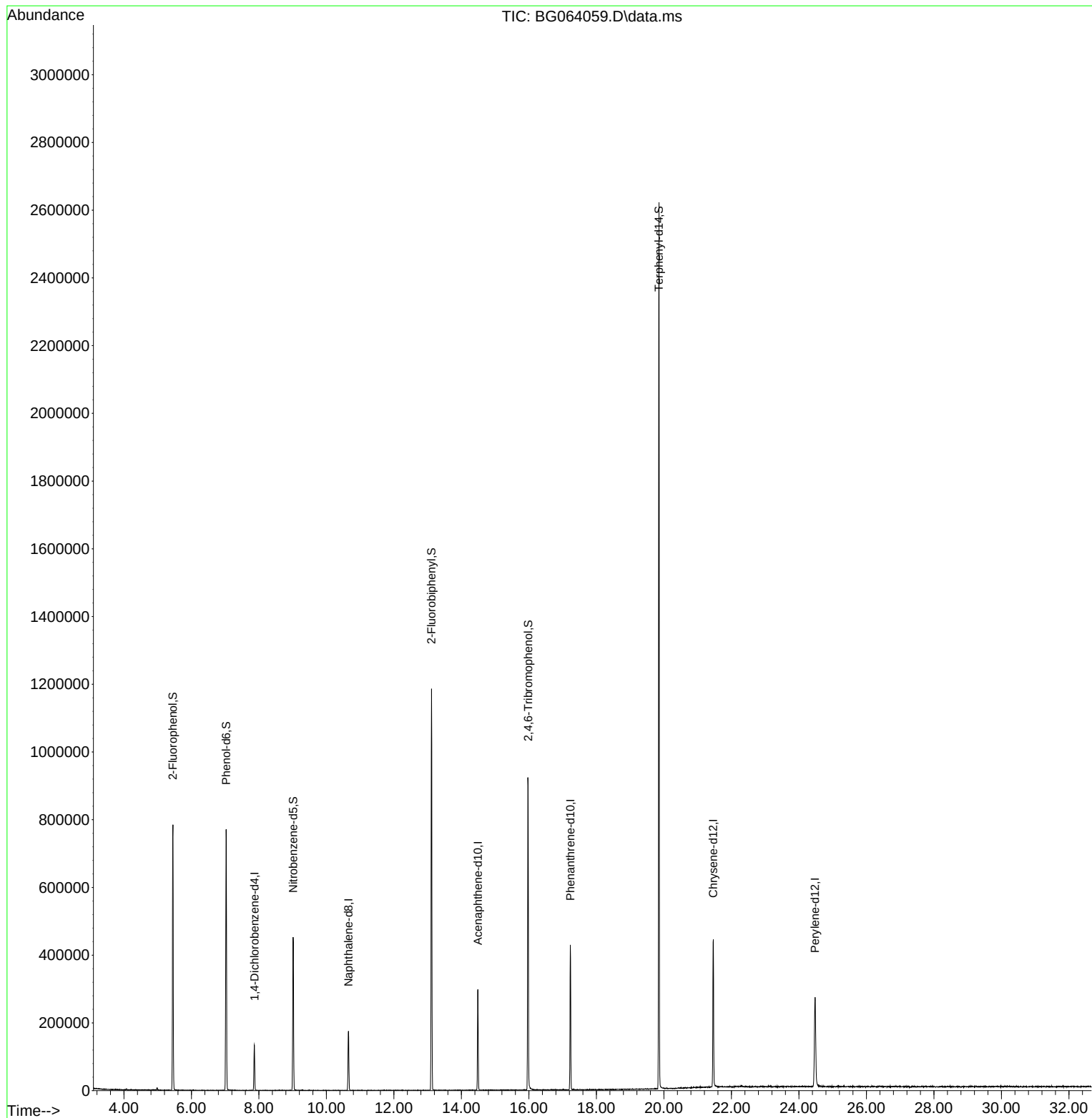
Target Compounds	Qvalue

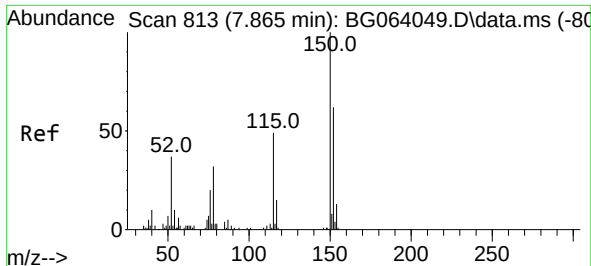
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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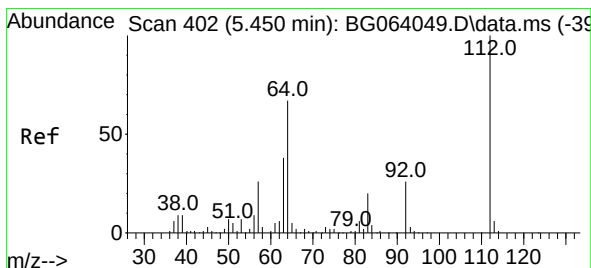
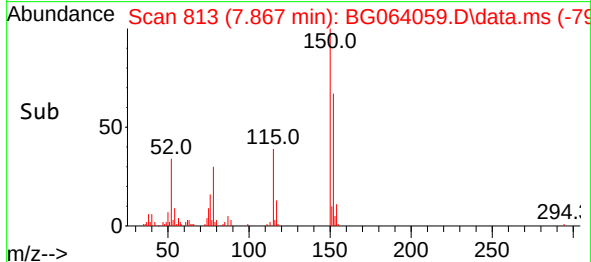
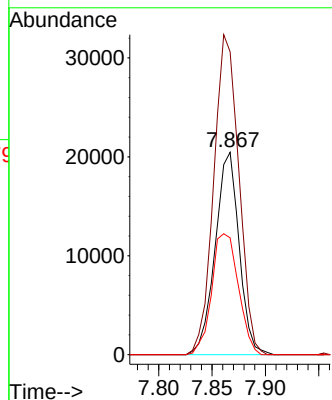
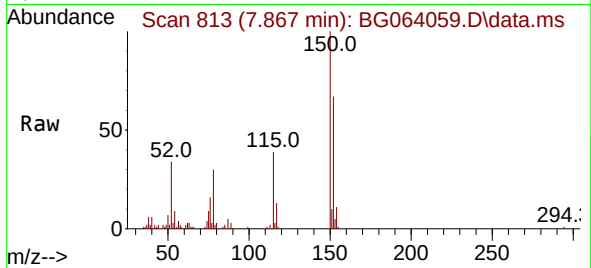




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.867 min Scan# 813
Delta R.T. 0.002 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58

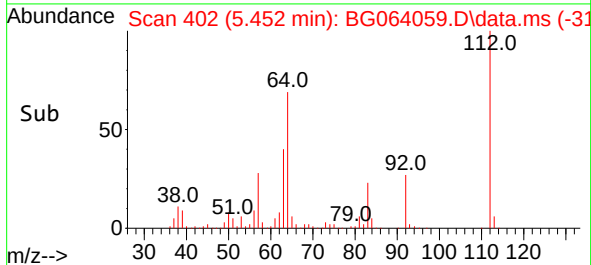
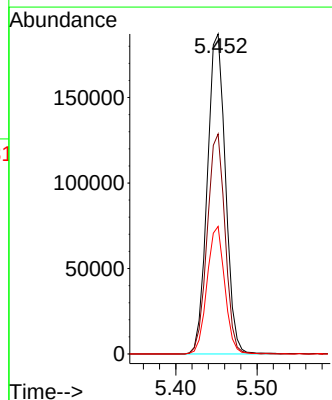
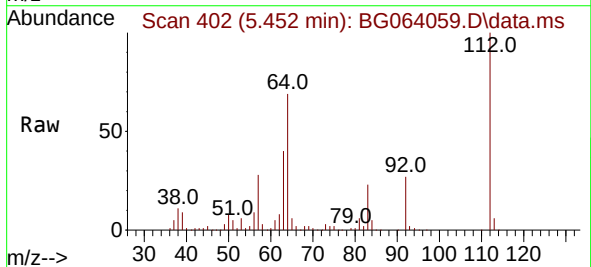
Instrument :
BNA_G
ClientSampleId :
PB167027BL

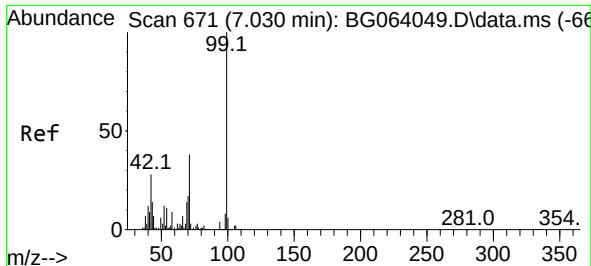
Tgt Ion:152 Resp: 31906
Ion Ratio Lower Upper
152 100
150 149.6 129.2 193.8
115 57.7 63.0 94.6#



#5
2-Fluorophenol
Concen: 141.931 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58

Tgt Ion:112 Resp: 290016
Ion Ratio Lower Upper
112 100
64 68.8 53.7 80.5
63 39.9 30.2 45.4

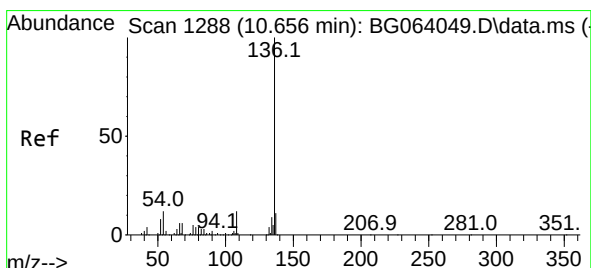
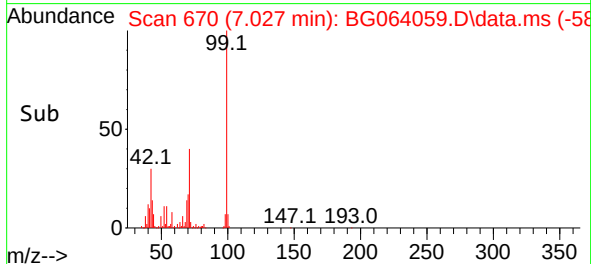
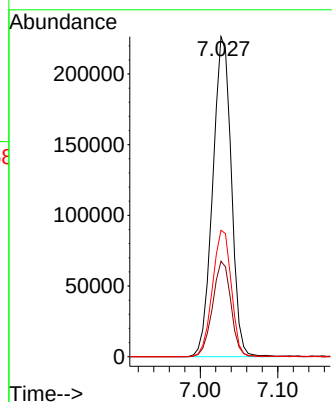
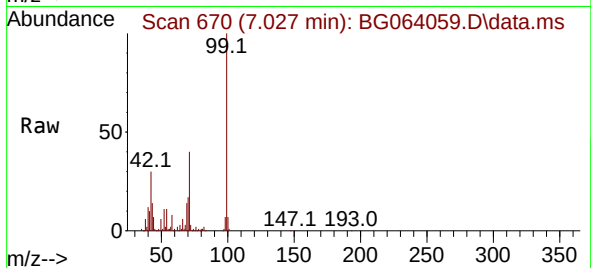




#7
Phenol-d6
Concen: 135.745 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58

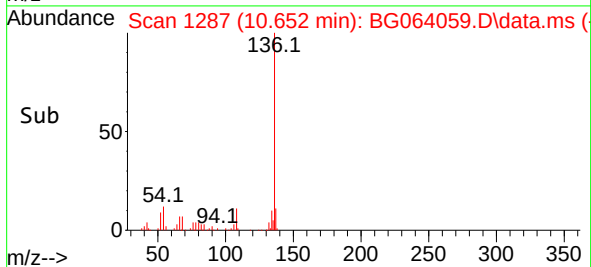
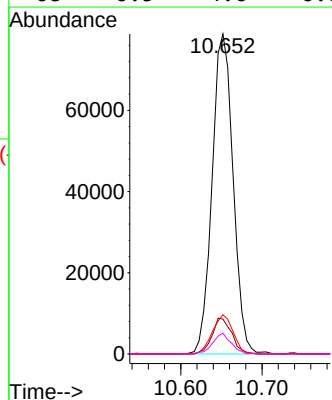
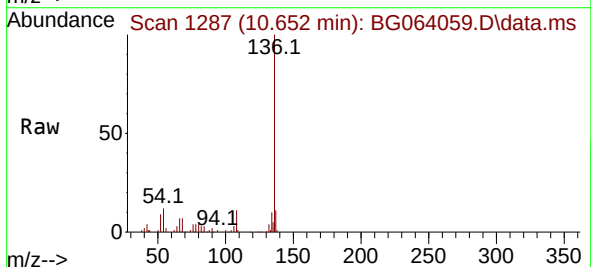
Instrument :
BNA_G
ClientSampleId :
PB167027BL

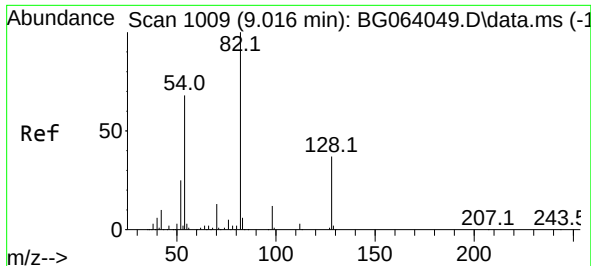
Tgt Ion: 99 Resp: 377339
Ion Ratio Lower Upper
99 100
42 29.8 22.7 34.1
71 39.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58

Tgt Ion:136 Resp: 141288
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 12.2 9.9 14.9
68 6.5 4.6 6.8

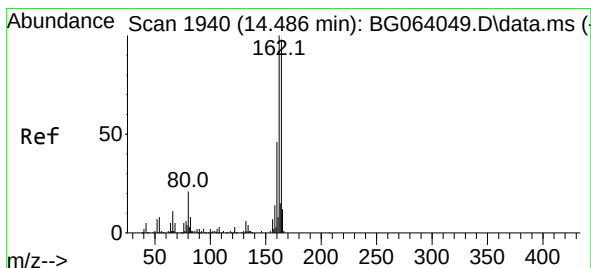
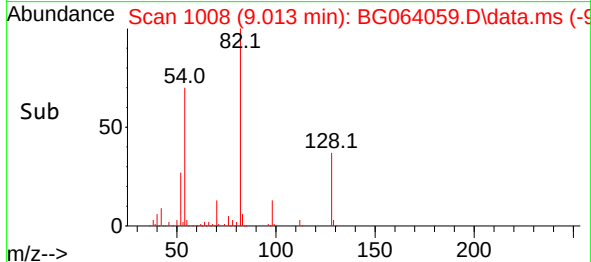
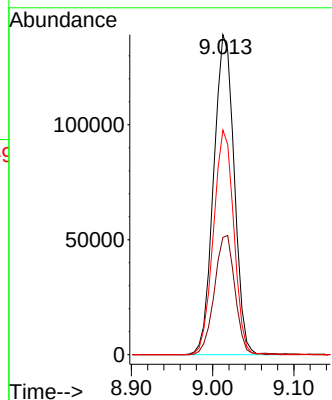
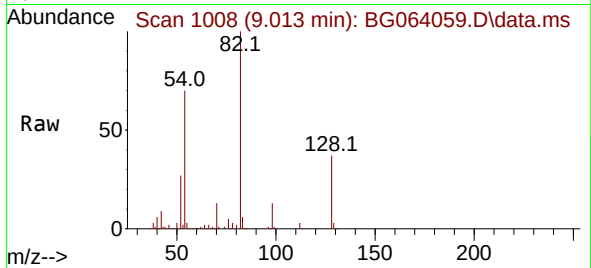




#23
Nitrobenzene-d5
Concen: 95.888 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58

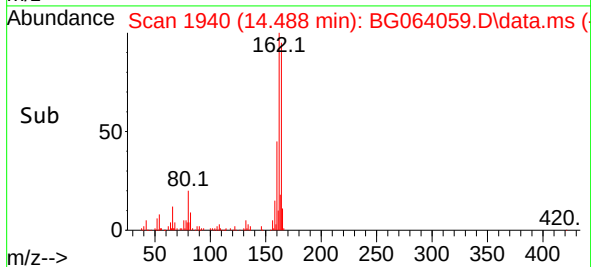
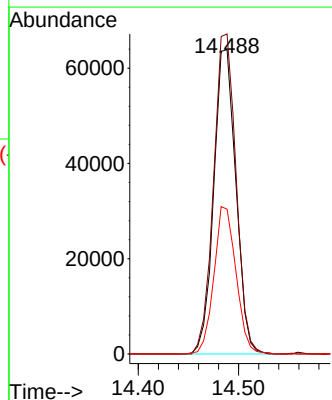
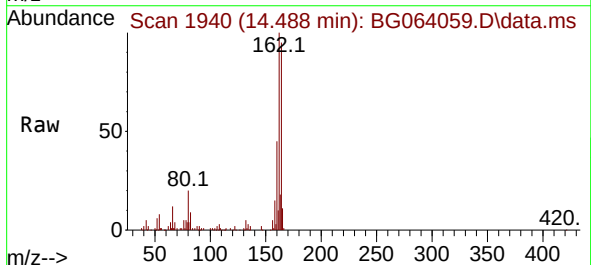
Instrument :
BNA_G
ClientSampleId :
PB167027BL

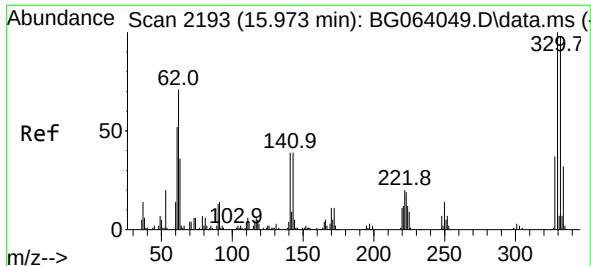
Tgt Ion: 82 Resp: 245156
Ion Ratio Lower Upper
82 100
128 36.6 30.0 45.0
54 70.2 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.488 min Scan# 1940
Delta R.T. 0.002 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58

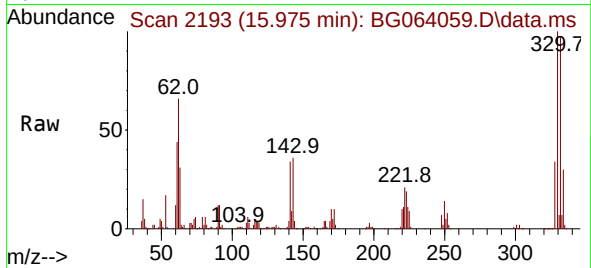
Tgt Ion:164 Resp: 97981
Ion Ratio Lower Upper
164 100
162 105.2 81.4 122.0
160 47.6 37.0 55.6



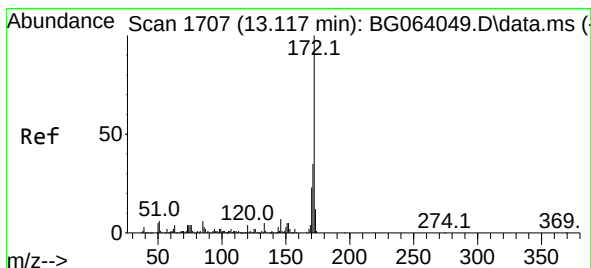
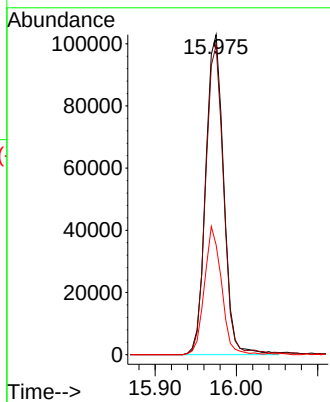
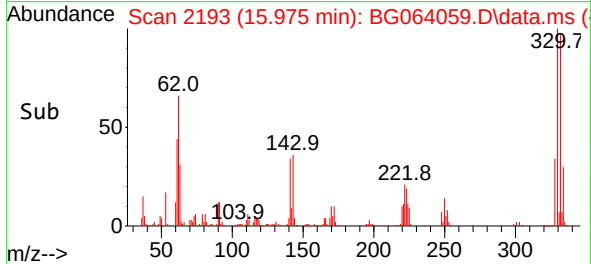


#42
2,4,6-Tribromophenol
Concen: 145.366 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58

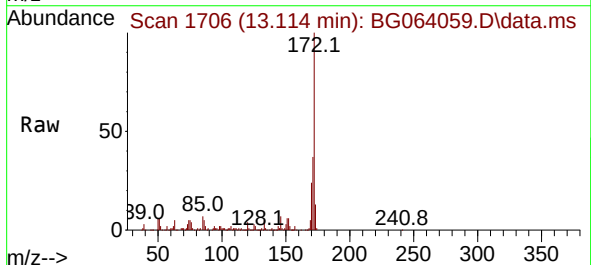
Instrument :
BNA_G
ClientSampleId :
PB167027BL



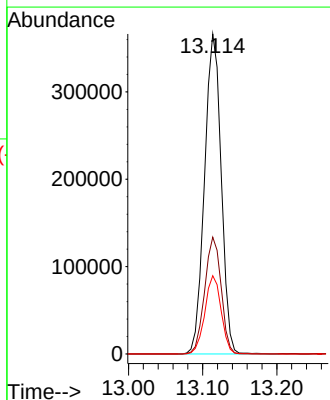
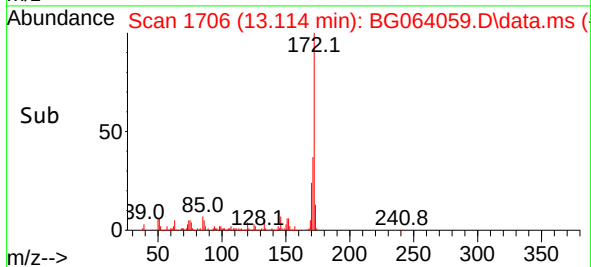
Tgt Ion:330 Resp: 158322
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 38.0 29.7 44.5

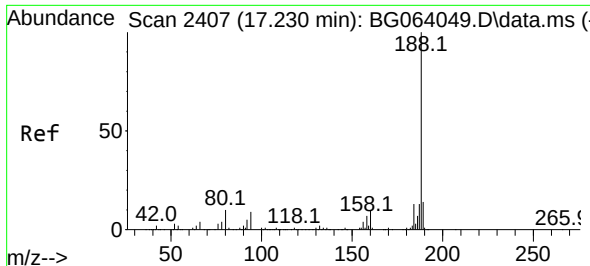


#45
2-Fluorobiphenyl
Concen: 88.615 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58



Tgt Ion:172 Resp: 572019
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 24.5 18.7 28.1

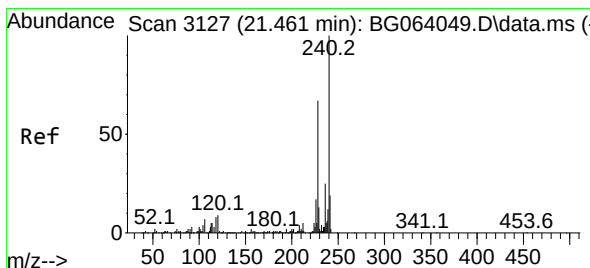
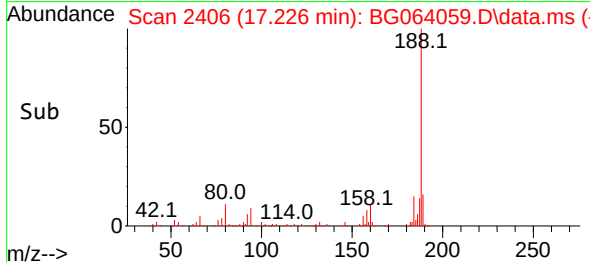
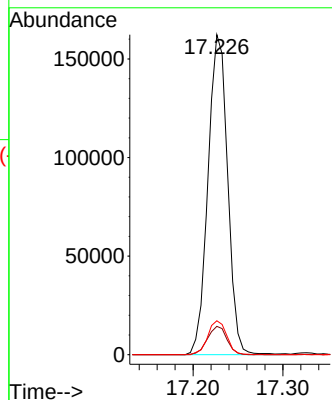
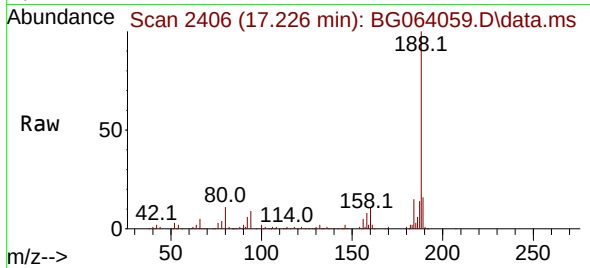




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58

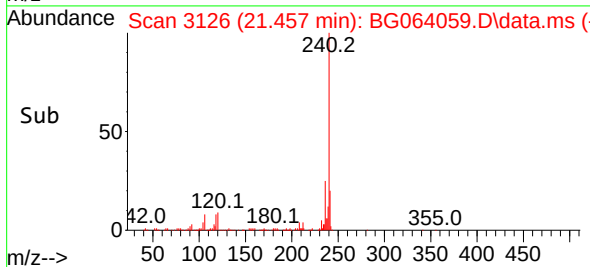
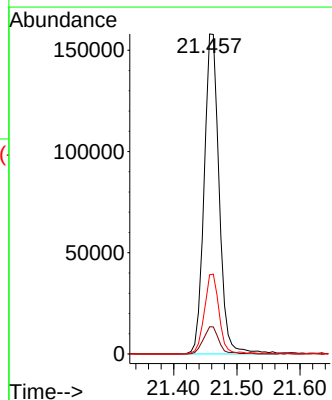
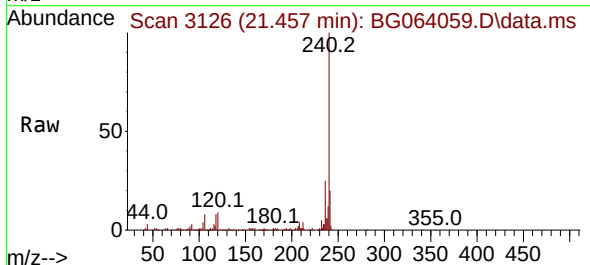
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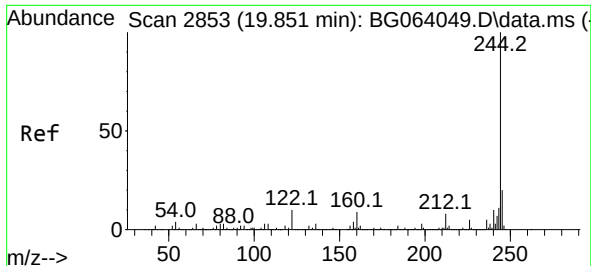
Tgt Ion:188 Resp: 246502
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064059.D
Acq: 7 Mar 2025 14:58

Tgt Ion:240 Resp: 261251
Ion Ratio Lower Upper
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120 8.5 7.2 10.8
236 24.8 20.2 30.2

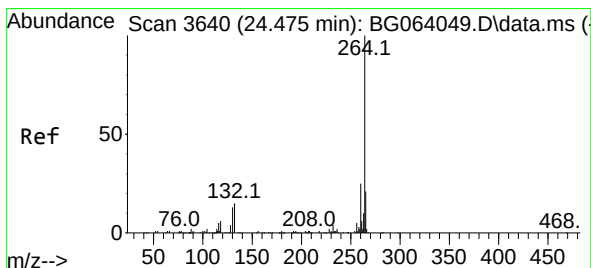
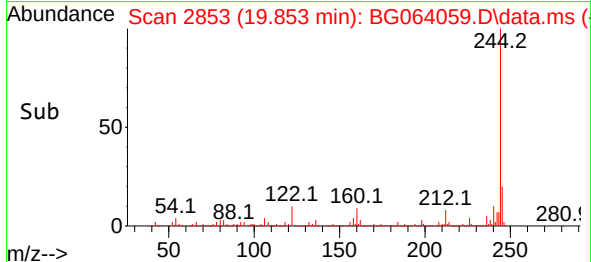
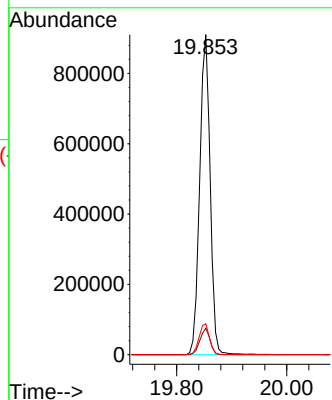
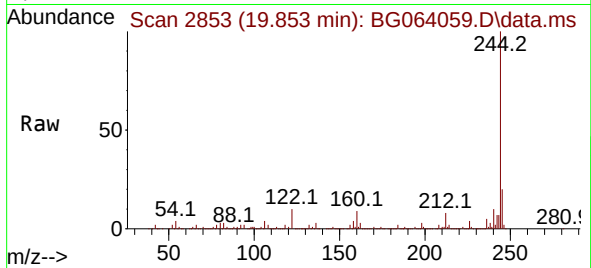




#79
 Terphenyl-d14
 Concen: 92.710 ng
 RT: 19.853 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG064059.D
 Acq: 7 Mar 2025 14:58

Instrument :
 BNA_G
 ClientSampleId :
 PB167027BL

Tgt Ion:244 Resp: 1197853
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.4
 122 9.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.477 min Scan# 3640
 Delta R.T. 0.002 min
 Lab File: BG064059.D
 Acq: 7 Mar 2025 14:58

Tgt Ion:264 Resp: 265918
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.0 16.6 25.0

