

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
 Data File : BG064336.D
 Acq On : 10 Sep 2025 17:25
 Operator : RC/JU
 Sample : Q3054-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-385

Quant Time: Sep 10 18:10:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

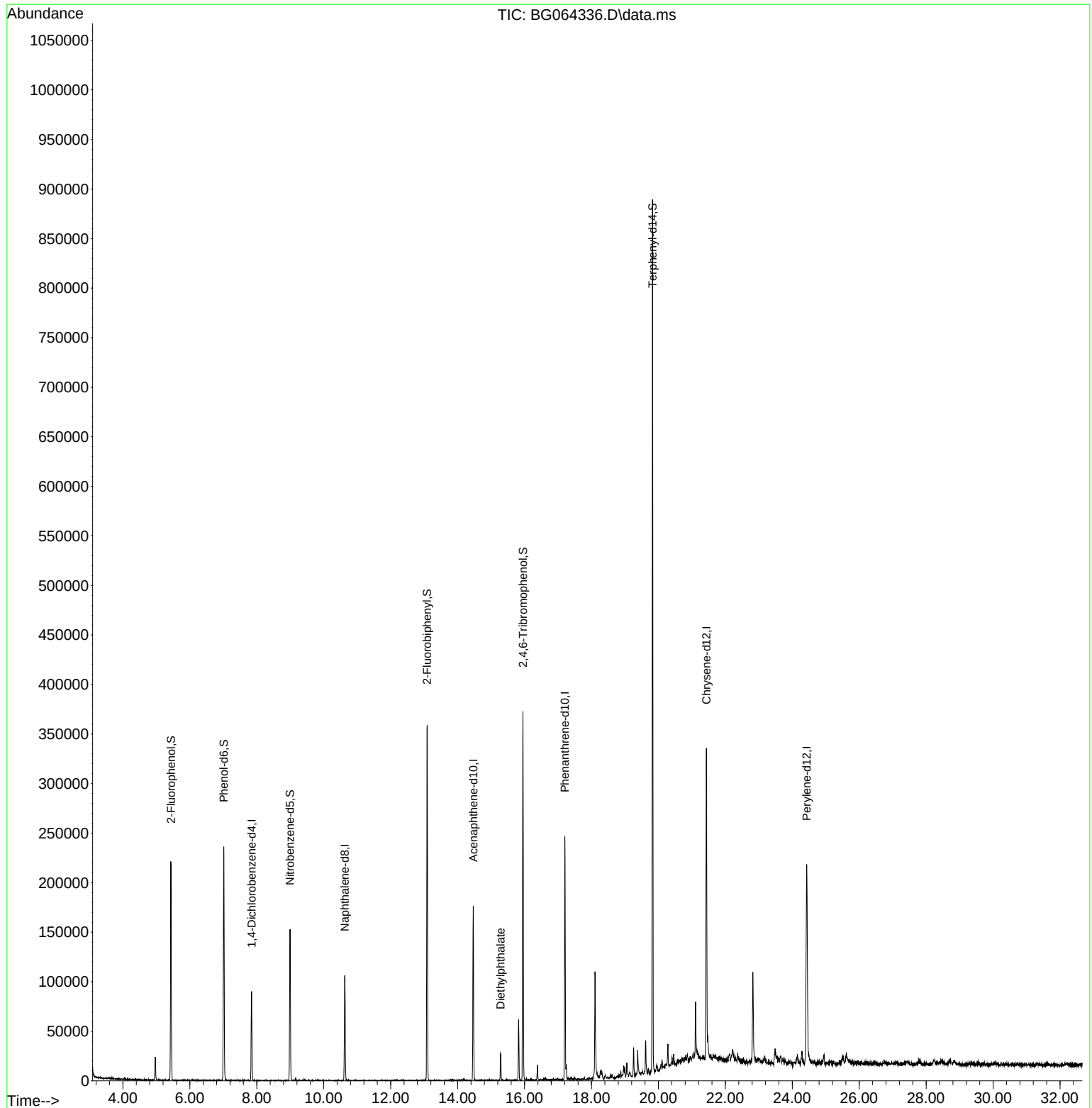
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	20950	20.000	ng	-0.01
21) Naphthalene-d8	10.631	136	83214	20.000	ng	#-0.02
39) Acenaphthene-d10	14.468	164	58427	20.000	ng	-0.01
64) Phenanthrene-d10	17.206	188	144132	20.000	ng	#-0.02
76) Chrysene-d12	21.436	240	178481	20.000	ng	#-0.02
86) Perylene-d12	24.433	264	205069	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	83068	71.137	ng	0.00
7) Phenol-d6	7.012	99	108636	67.718	ng	-0.02
23) Nitrobenzene-d5	8.992	82	77107	51.677	ng	-0.02
42) 2,4,6-Tribromophenol	15.954	330	68664	88.726	ng	-0.02
45) 2-Fluorobiphenyl	13.087	172	178514	46.635	ng	-0.02
79) Terphenyl-d14	19.826	244	387440	45.290	ng	-0.02
Target Compounds						
60) Diethylphthalate	15.285	149	14222	3.005	ng	Qvalue 99

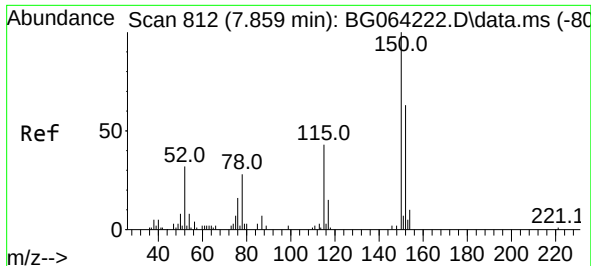
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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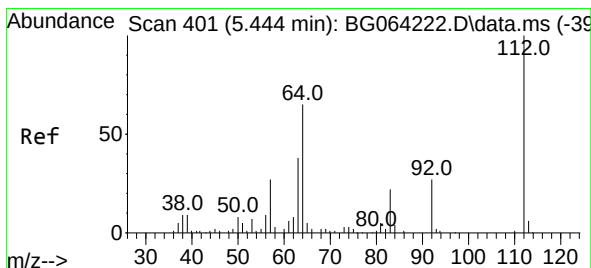
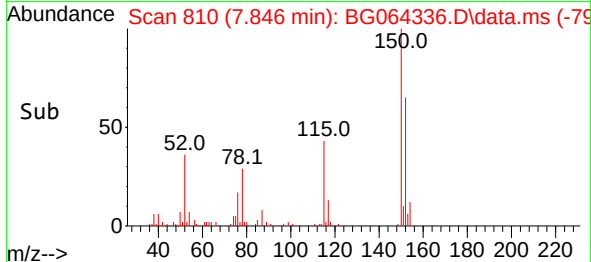
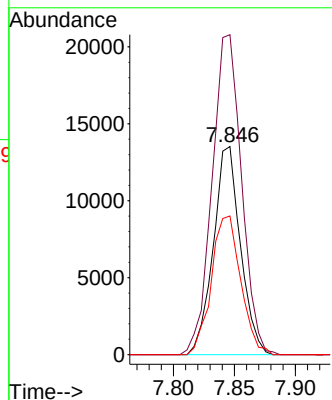
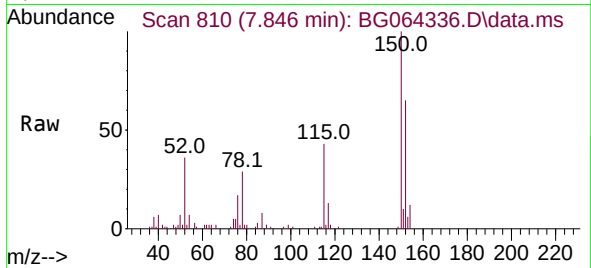




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG064336.D
Acq: 10 Sep 2025 17:25

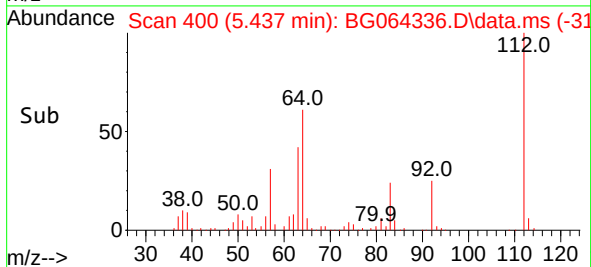
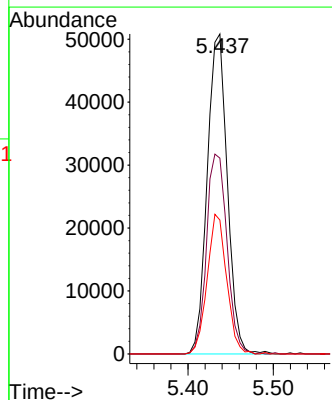
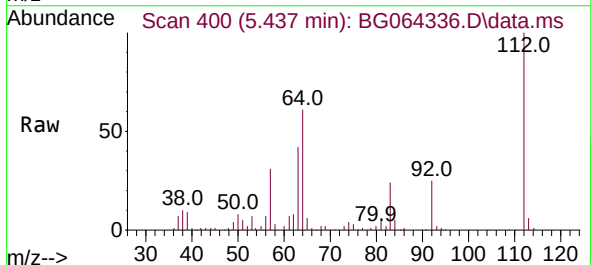
Instrument :
BNA_G
ClientSampleId :
MH-385

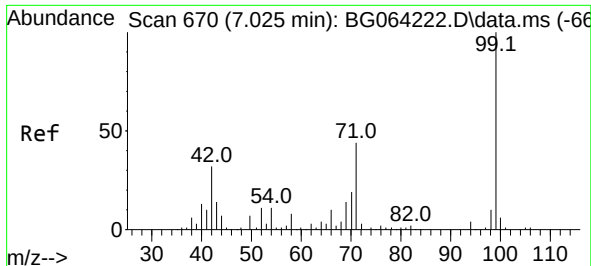
Tgt Ion:152 Resp: 20950
Ion Ratio Lower Upper
152 100
150 153.8 128.0 192.0
115 66.6 55.7 83.5



#5
2-Fluorophenol
Concen: 71.137 ng
RT: 5.437 min Scan# 400
Delta R.T. -0.007 min
Lab File: BG064336.D
Acq: 10 Sep 2025 17:25

Tgt Ion:112 Resp: 83068
Ion Ratio Lower Upper
112 100
64 61.2 51.8 77.6
63 41.8 30.6 45.8

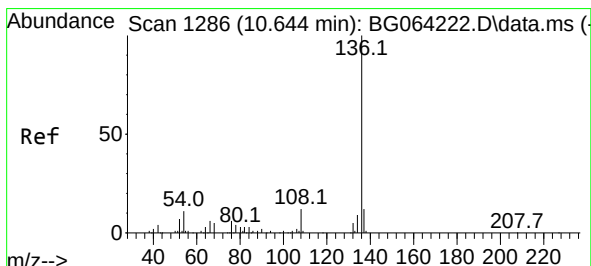
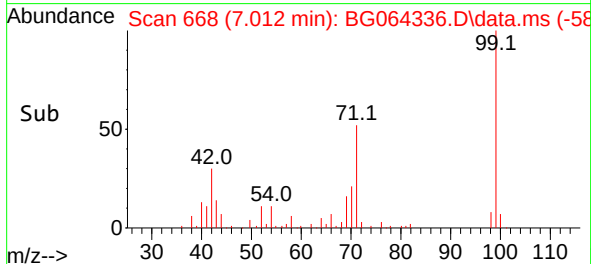
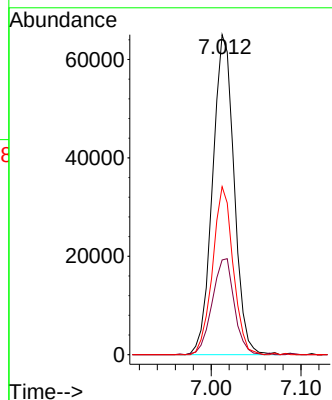
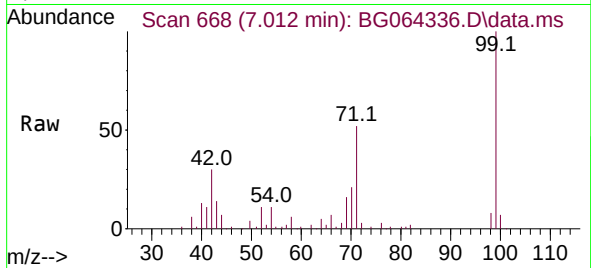




#7
Phenol-d6
Concen: 67.718 ng
RT: 7.012 min Scan# 60
Delta R.T. -0.019 min
Lab File: BG064336.D
Acq: 10 Sep 2025 17:25

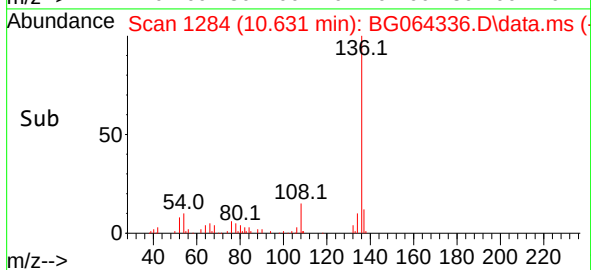
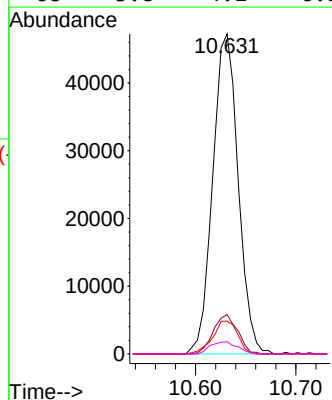
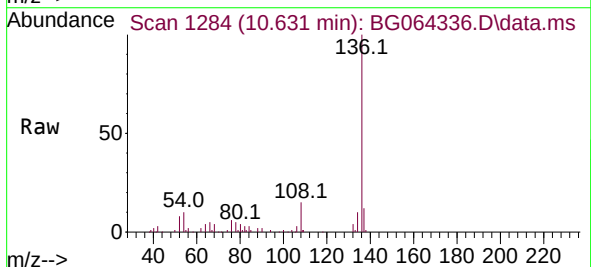
Instrument :
BNA_G
ClientSampleId :
MH-385

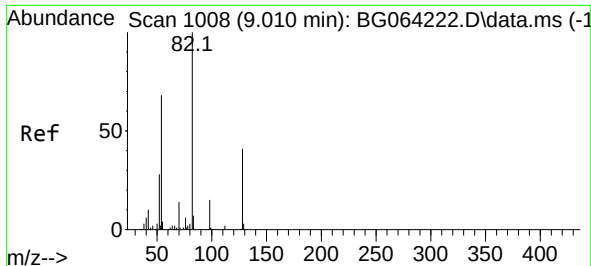
Tgt Ion: 99 Resp: 108636
Ion Ratio Lower Upper
99 100
42 29.6 25.8 38.8
71 52.5 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.631 min Scan# 1284
Delta R.T. -0.019 min
Lab File: BG064336.D
Acq: 10 Sep 2025 17:25

Tgt Ion: 136 Resp: 83214
Ion Ratio Lower Upper
136 100
137 12.3 9.6 14.4
54 10.2 8.8 13.2
68 3.8 4.1 6.1#

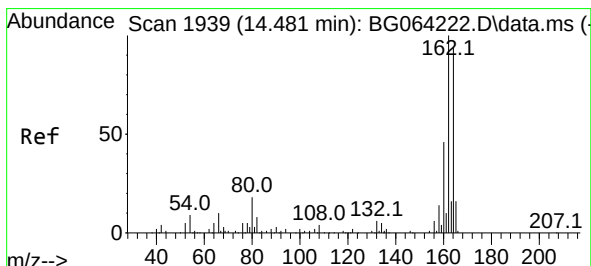
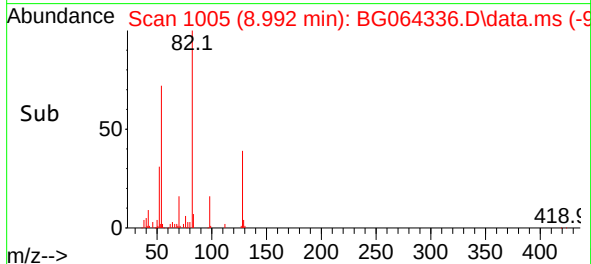
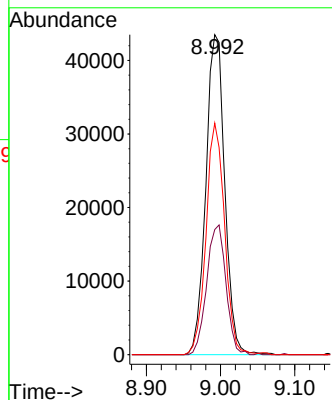
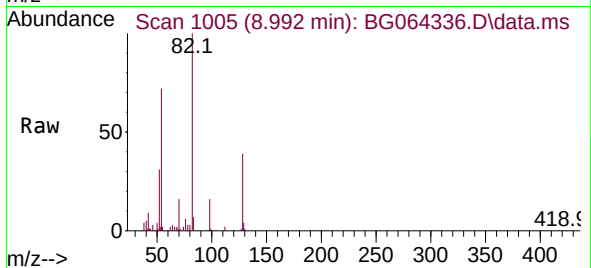




#23
Nitrobenzene-d5
Concen: 51.677 ng
RT: 8.992 min Scan# 1005
Delta R.T. -0.025 min
Lab File: BG064336.D
Acq: 10 Sep 2025 17:25

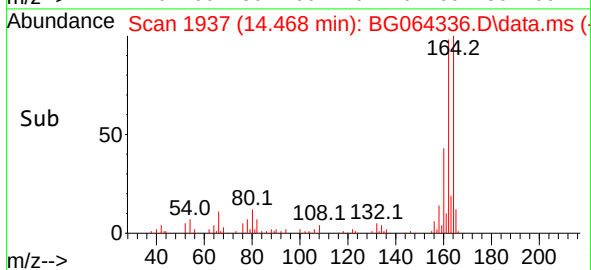
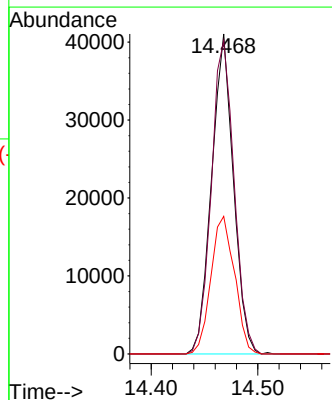
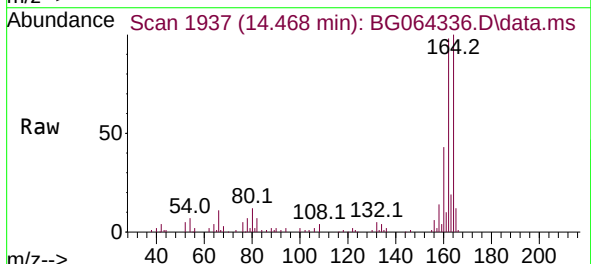
Instrument :
BNA_G
ClientSampleId :
MH-385

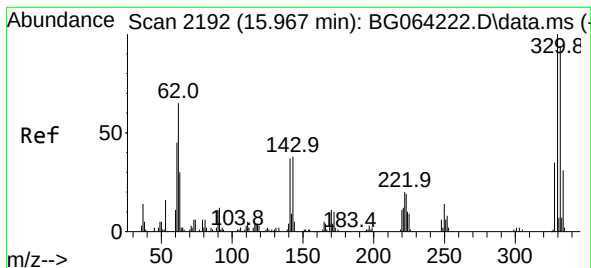
Tgt Ion: 82 Resp: 77107
Ion Ratio Lower Upper
82 100
128 39.1 32.6 48.8
54 72.3 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1937
Delta R.T. -0.013 min
Lab File: BG064336.D
Acq: 10 Sep 2025 17:25

Tgt Ion: 164 Resp: 58427
Ion Ratio Lower Upper
164 100
162 97.9 85.4 128.0
160 43.0 39.2 58.8





#42

2,4,6-Tribromophenol

Concen: 88.726 ng

RT: 15.954 min Scan# 21

Delta R.T. -0.019 min

Lab File: BG064336.D

Acq: 10 Sep 2025 17:25

Instrument :

BNA_G

ClientSampleId :

MH-385

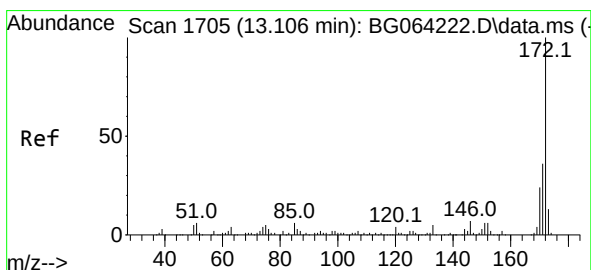
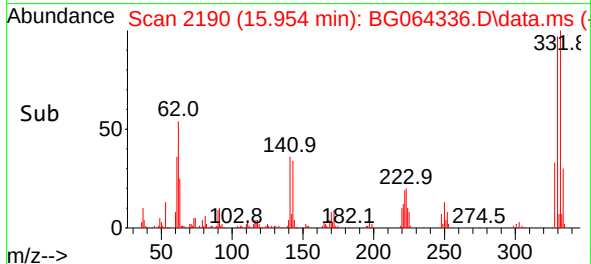
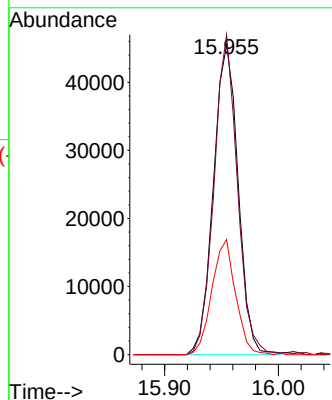
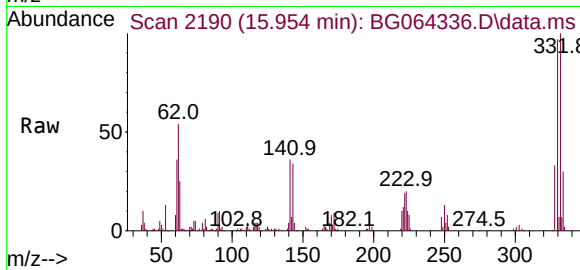
Tgt Ion:330 Resp: 68664

Ion Ratio Lower Upper

330 100

332 97.5 77.6 116.4

141 35.7 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 46.635 ng

RT: 13.087 min Scan# 1702

Delta R.T. -0.025 min

Lab File: BG064336.D

Acq: 10 Sep 2025 17:25

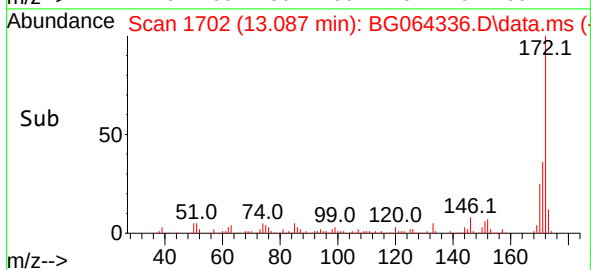
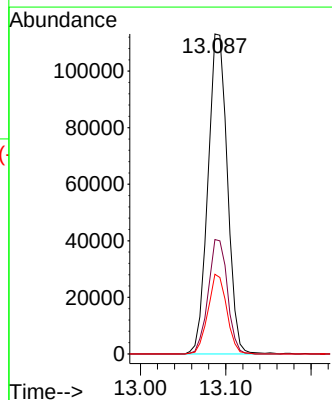
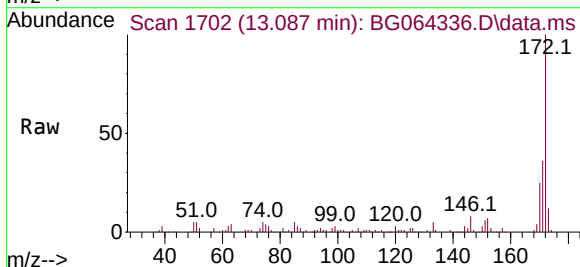
Tgt Ion:172 Resp: 178514

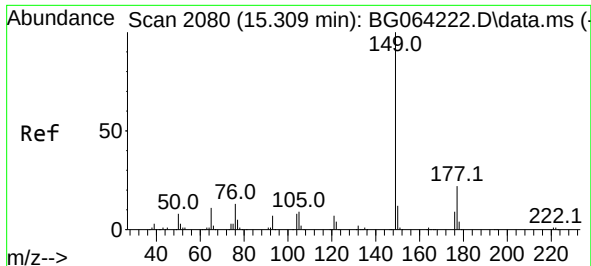
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 24.9 19.0 28.6

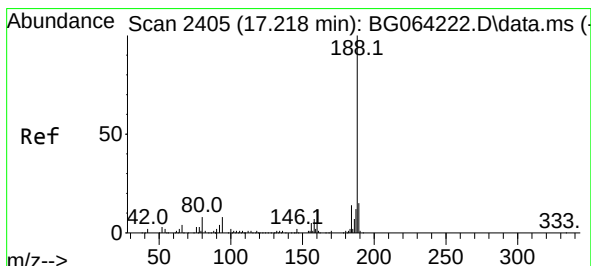
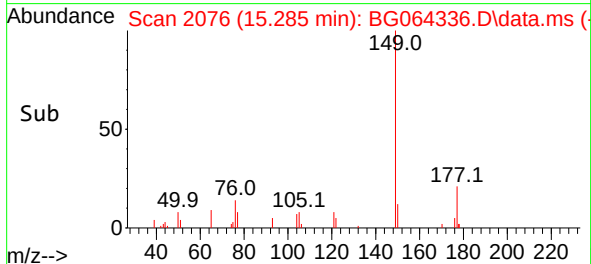
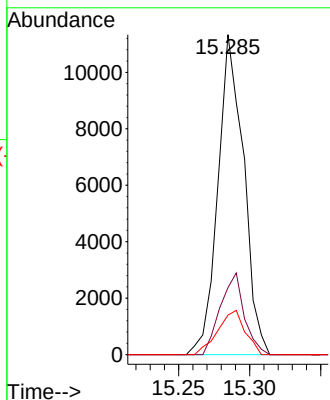
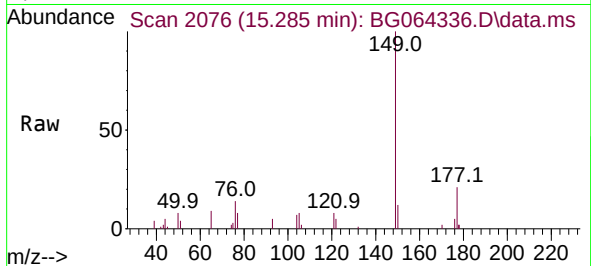




#60
Diethylphthalate
Concen: 3.005 ng
RT: 15.285 min Scan# 2080
Delta R.T. -0.030 min
Lab File: BG064336.D
Acq: 10 Sep 2025 17:25

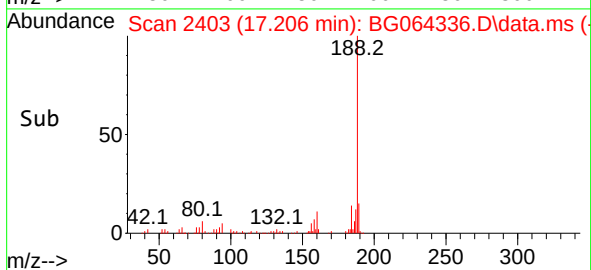
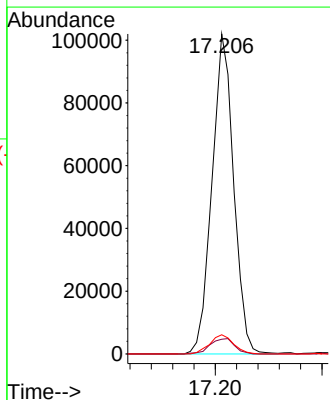
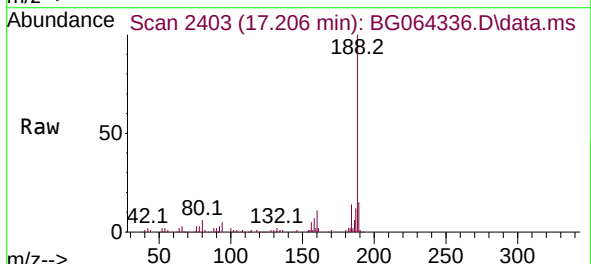
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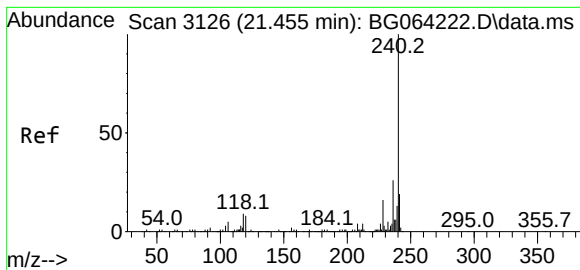
Tgt Ion:149	Resp:	14222
Ion Ratio	Lower	Upper
149	100	
177	20.9	17.5 26.3
150	12.3	9.9 14.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.019 min
Lab File: BG064336.D
Acq: 10 Sep 2025 17:25

Tgt Ion:188	Resp:	144132
Ion Ratio	Lower	Upper
188	100	
94	4.6	6.2 9.4#
80	6.0	6.8 10.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.436 min Scan# 31

Delta R.T. -0.019 min

Lab File: BG064336.D

Acq: 10 Sep 2025 17:25

Instrument :

BNA_G

ClientSampleId :

MH-385

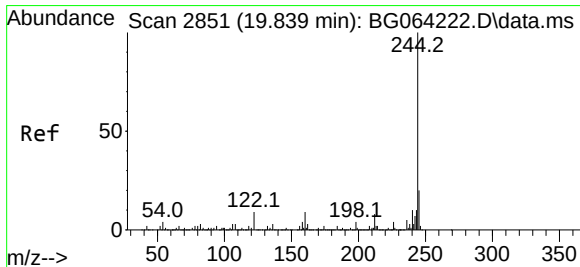
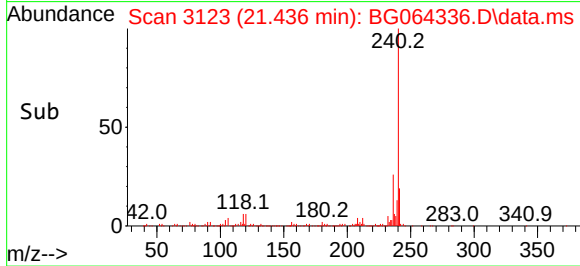
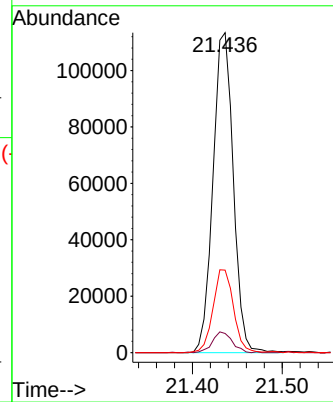
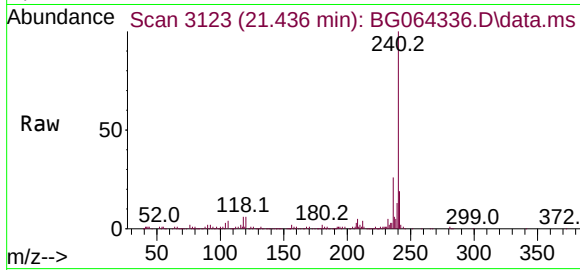
Tgt Ion:240 Resp: 178481

Ion Ratio Lower Upper

240 100

120 6.0 6.2 9.4#

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 45.290 ng

RT: 19.826 min Scan# 2849

Delta R.T. -0.019 min

Lab File: BG064336.D

Acq: 10 Sep 2025 17:25

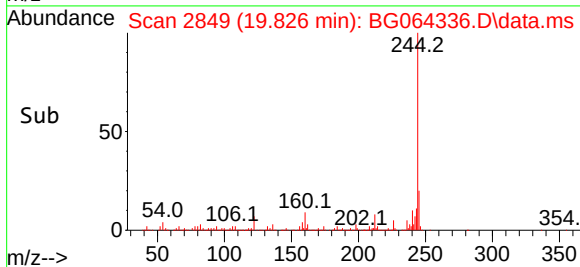
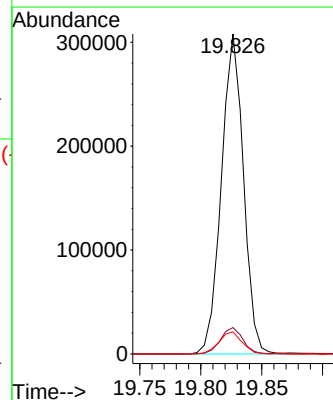
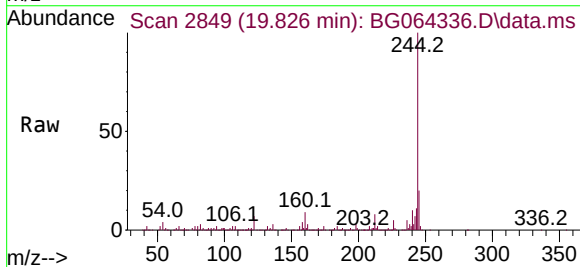
Tgt Ion:244 Resp: 387440

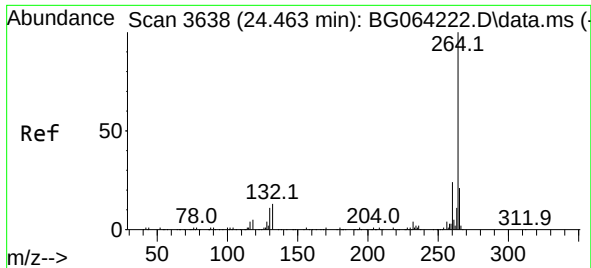
Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

122 6.9 7.0 10.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.433 min Scan# 30
 Delta R.T. -0.030 min
 Lab File: BG064336.D
 Acq: 10 Sep 2025 17:25

Instrument :
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Tgt Ion:264 Resp: 205069
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.9 28.3
 265 21.4 16.7 25.1

