

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064076.D
 Acq On : 10 Mar 2025 11:24
 Operator : RC/JU
 Sample : PB167020TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167020TB

Quant Time: Mar 10 13:01:39 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	7.864	152	33773	20.000	ng	# 0.00
21) Naphthalene-d8	10.649	136	143930	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	102383	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	231933	20.000	ng	0.00
76) Chrysene-d12	21.454	240	231627	20.000	ng	0.00
86) Perylene-d12	24.468	264	250695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	311735	144.126	ng	0.00
7) Phenol-d6	7.030	99	409825	139.281	ng	0.00
23) Nitrobenzene-d5	9.016	82	264974	101.737	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	168851	148.368	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	640087	94.896	ng	0.00
79) Terphenyl-d14	19.850	244	1171504	102.267	ng	0.00

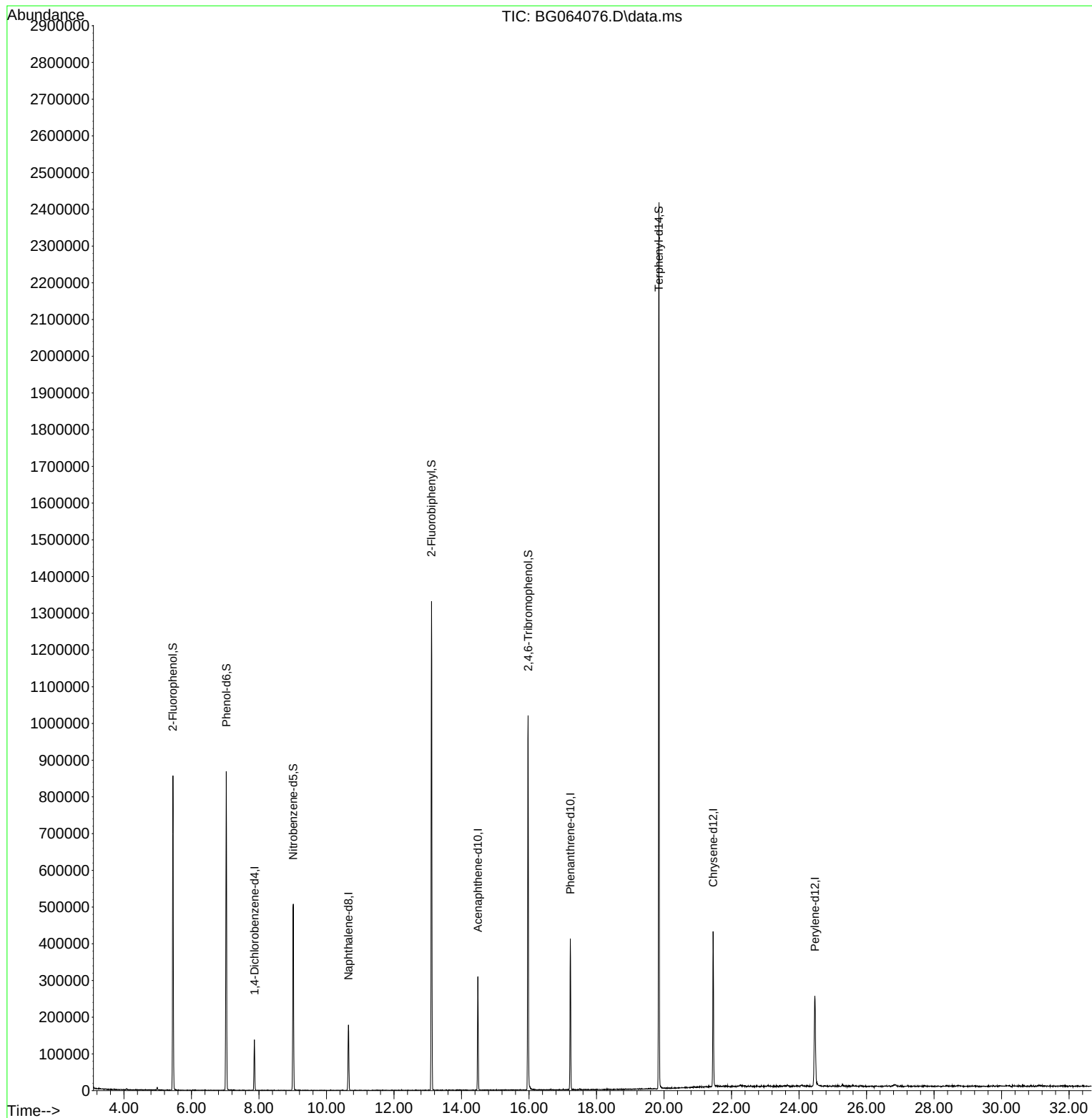
Target Compounds	Qvalue

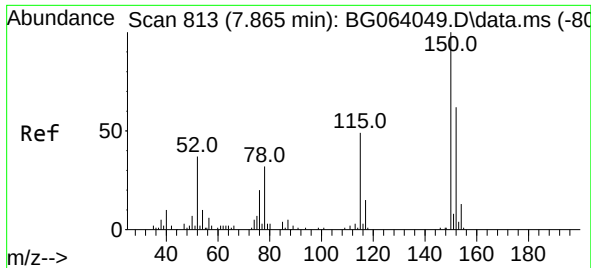
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 05 15:39:19 2025
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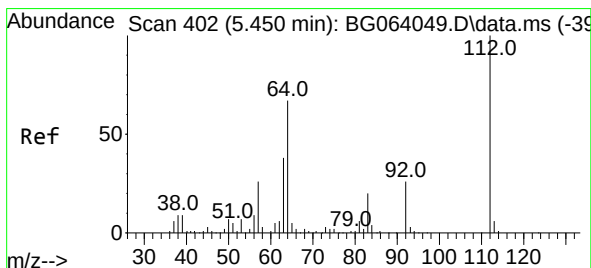
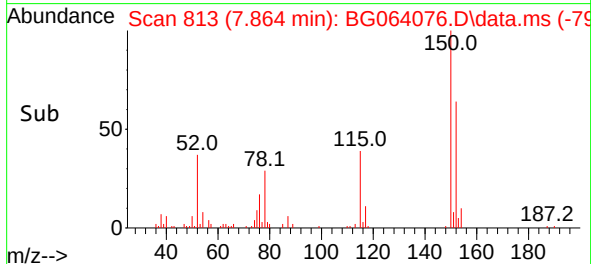
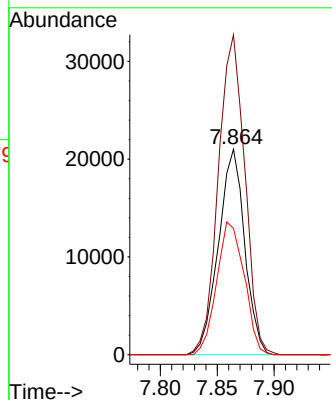
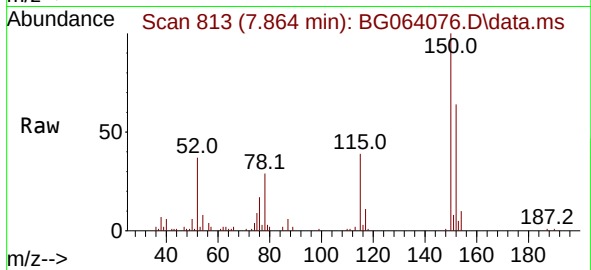




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

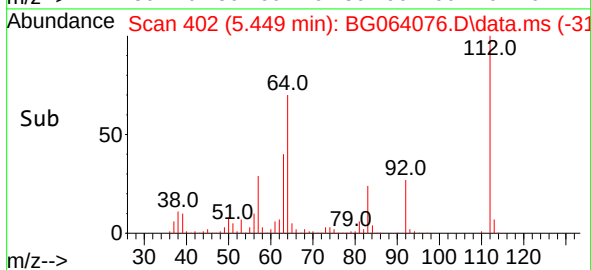
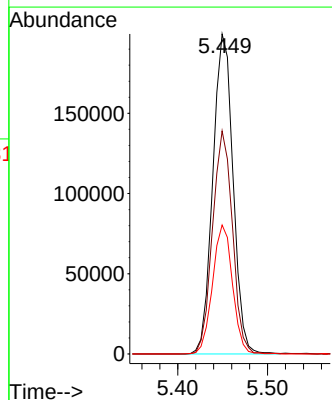
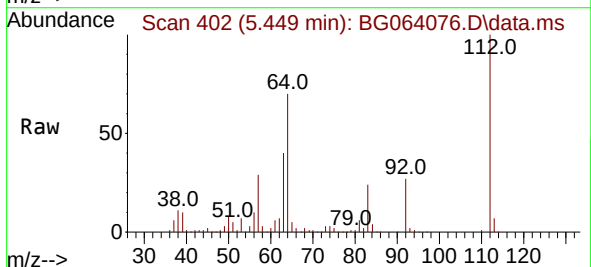
Instrument :
BNA_G
ClientSampleId :
PB167020TB

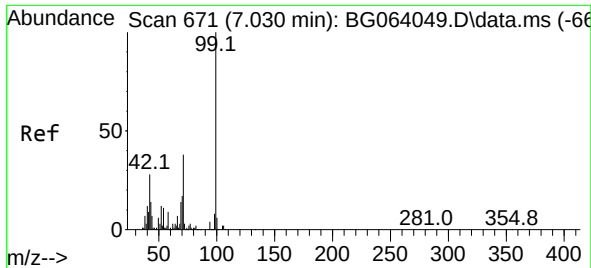
Tgt Ion:152 Resp: 33773
Ion Ratio Lower Upper
152 100
150 155.8 129.2 193.8
115 61.5 63.0 94.6#



#5
2-Fluorophenol
Concen: 144.126 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion:112 Resp: 311735
Ion Ratio Lower Upper
112 100
64 69.7 53.7 80.5
63 40.3 30.2 45.4

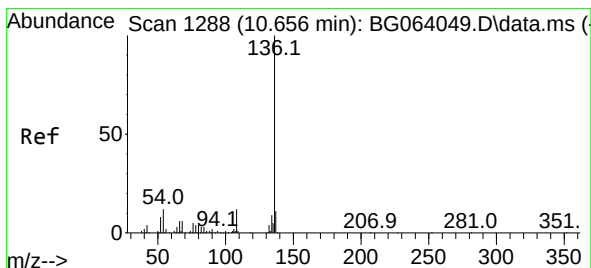
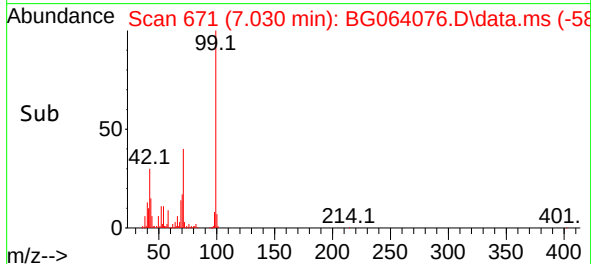
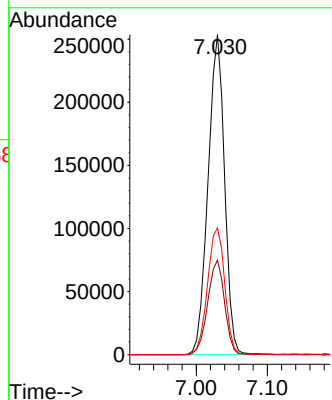
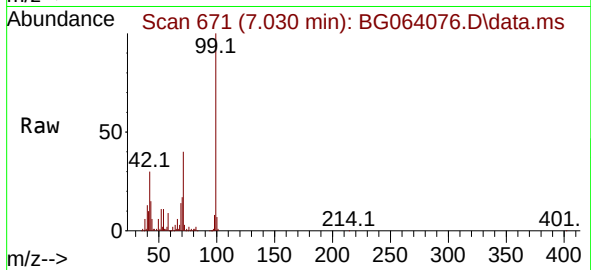




#7
Phenol-d6
Concen: 139.281 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

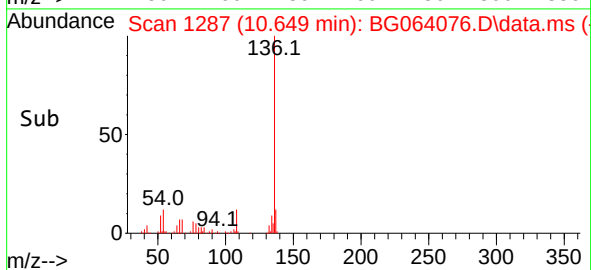
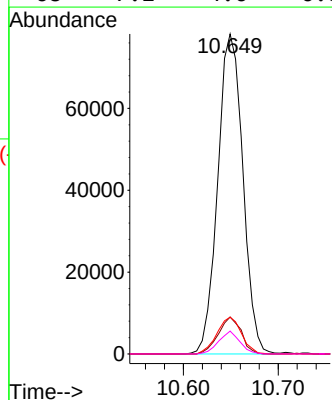
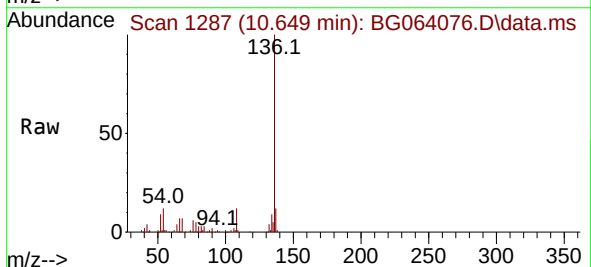
Instrument :
BNA_G
ClientSampleId :
PB167020TB

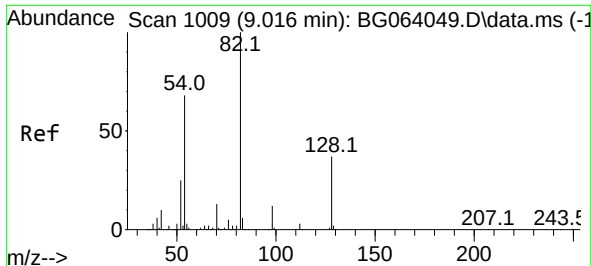
Tgt Ion: 99 Resp: 409825
Ion Ratio Lower Upper
99 100
42 29.5 22.7 34.1
71 39.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion:136 Resp: 143930
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 11.5 9.9 14.9
68 7.2 4.6 6.8#

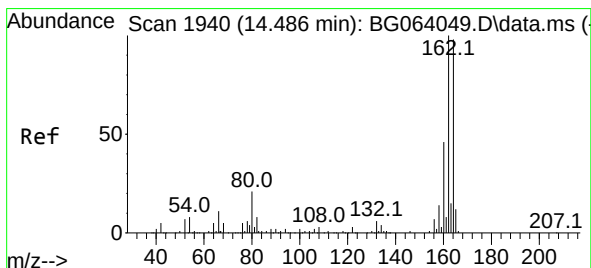
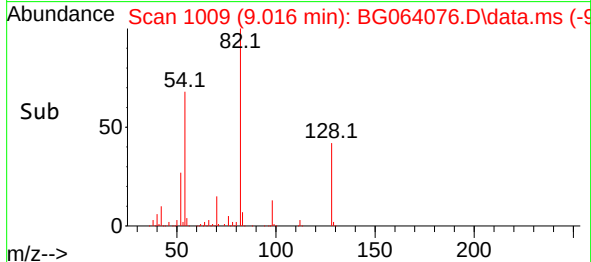
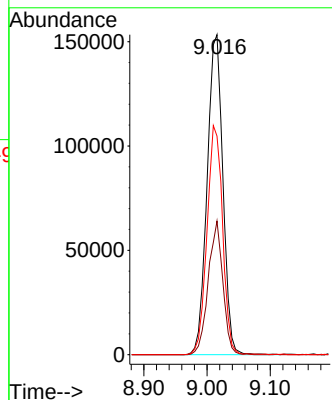
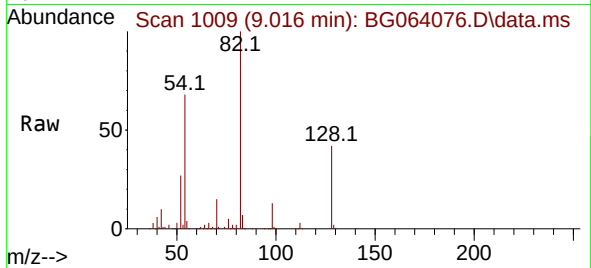




#23
Nitrobenzene-d5
Concen: 101.737 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.001 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

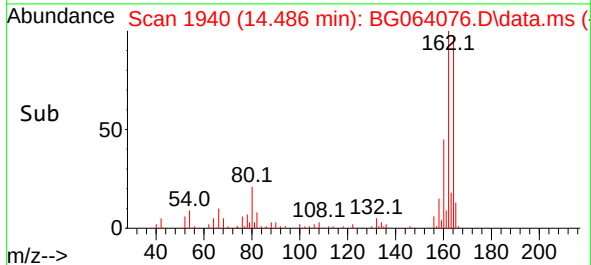
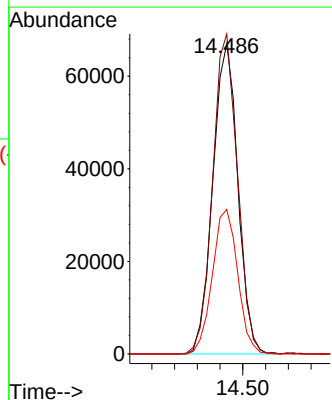
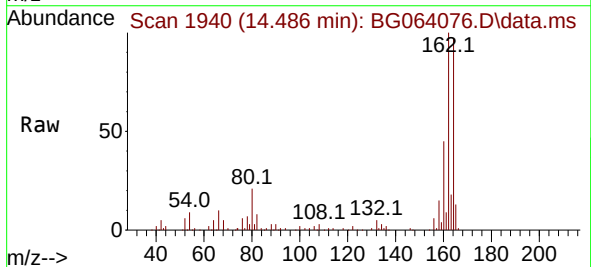
Instrument :
BNA_G
ClientSampleId :
PB167020TB

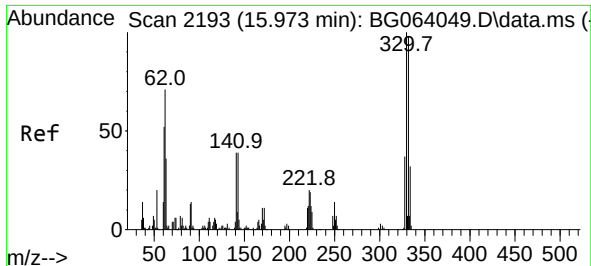
Tgt Ion: 82 Resp: 264974
Ion Ratio Lower Upper
82 100
128 41.8 30.0 45.0
54 68.3 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion: 164 Resp: 102383
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.0
160 46.6 37.0 55.6

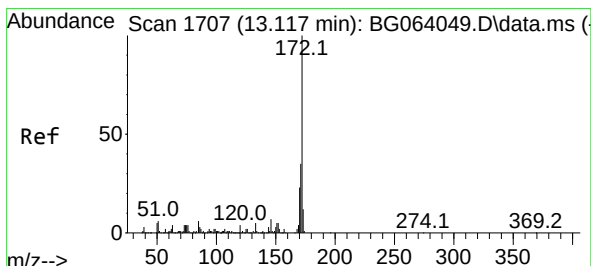
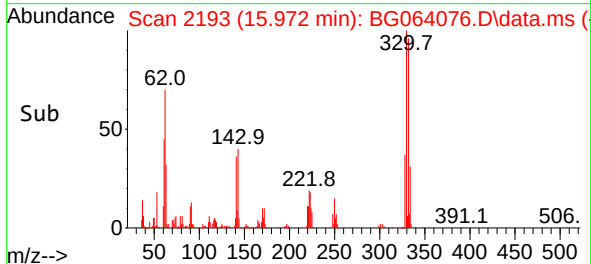
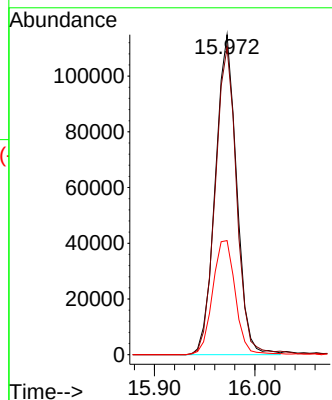
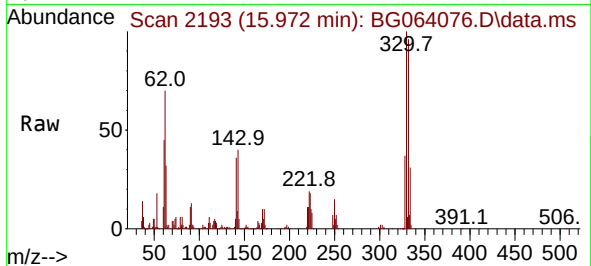




#42
2,4,6-Tribromophenol
Concen: 148.368 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

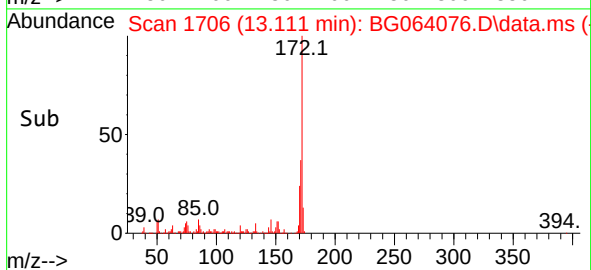
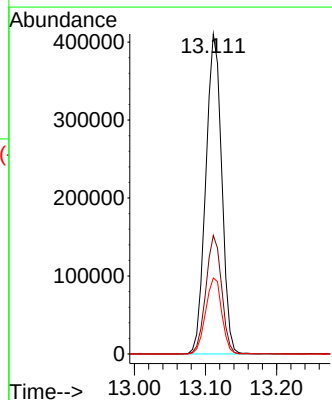
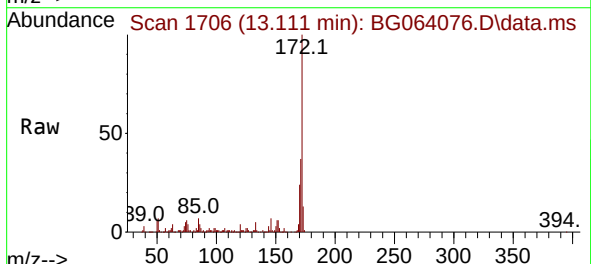
Instrument :
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ClientSampleId :
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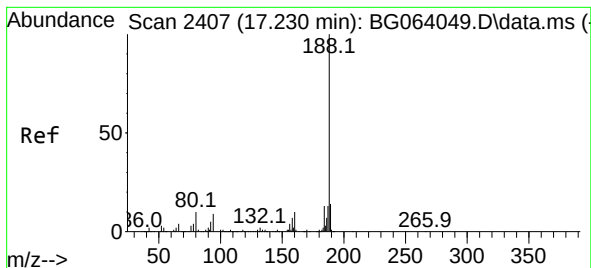
Tgt Ion:330 Resp: 168851
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 38.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 94.896 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064076.D
Acq: 10 Mar 2025 11:24

Tgt Ion:172 Resp: 640087
Ion Ratio Lower Upper
172 100
171 37.0 28.0 42.0
170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.224 min Scan# 2406

Delta R.T. -0.006 min

Lab File: BG064076.D

Acq: 10 Mar 2025 11:24

Instrument :

BNA_G

ClientSampleId :

PB167020TB

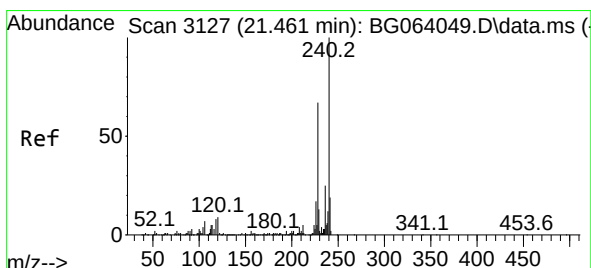
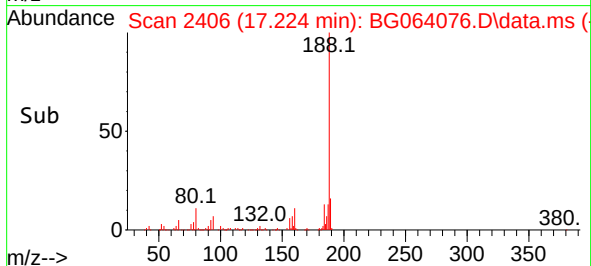
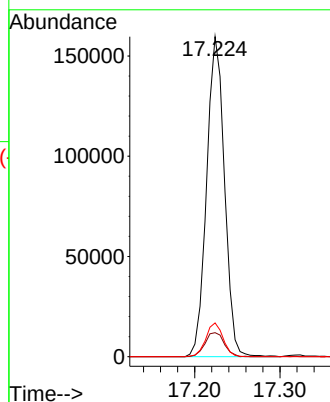
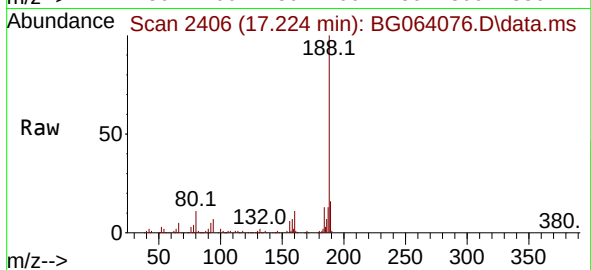
Tgt Ion:188 Resp: 231933

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

80 10.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.454 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BG064076.D

Acq: 10 Mar 2025 11:24

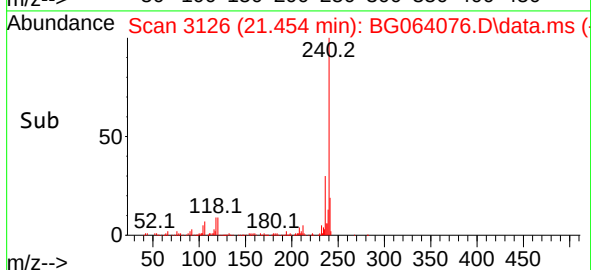
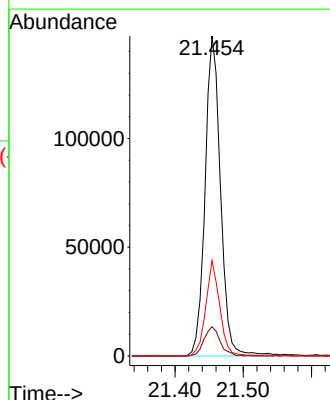
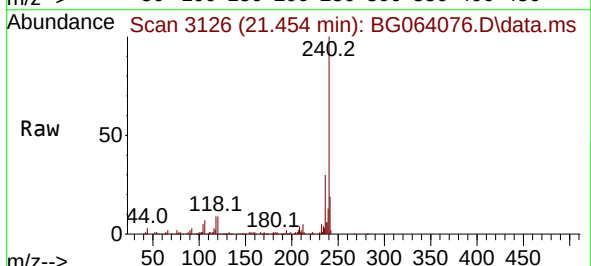
Tgt Ion:240 Resp: 231627

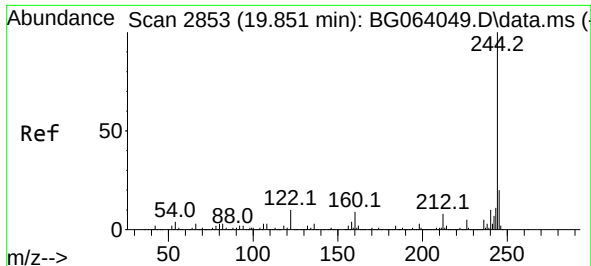
Ion Ratio Lower Upper

240 100

120 9.1 7.2 10.8

236 29.7 20.2 30.2

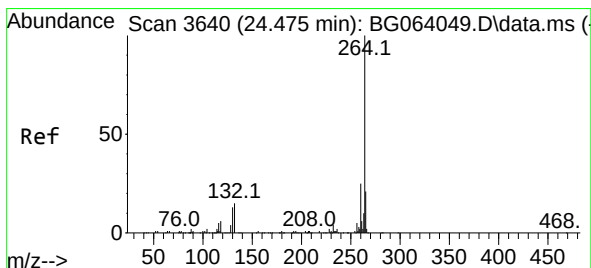
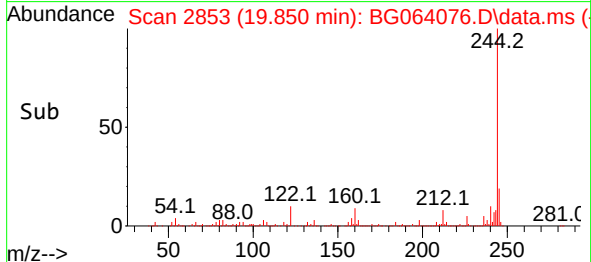
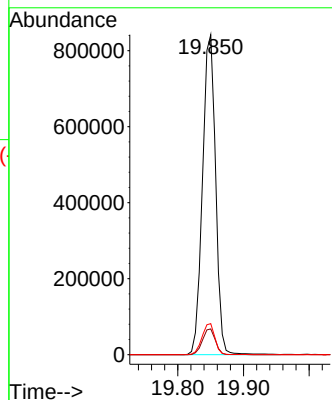
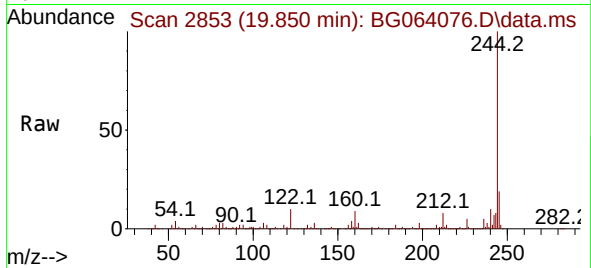




#79
 Terphenyl-d14
 Concen: 102.267 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064076.D
 Acq: 10 Mar 2025 11:24

Instrument :
 BNA_G
 ClientSampleId :
 PB167020TB

Tgt Ion:244 Resp: 1171504
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 9.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.468 min Scan# 3639
 Delta R.T. -0.006 min
 Lab File: BG064076.D
 Acq: 10 Mar 2025 11:24

Tgt Ion:264 Resp: 250695
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 22.4 16.6 25.0

