

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064140.D
 Acq On : 1 Apr 2025 18:25
 Operator : RC/JU
 Sample : Q1664-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-004-01

Quant Time: Apr 02 01:35:37 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)

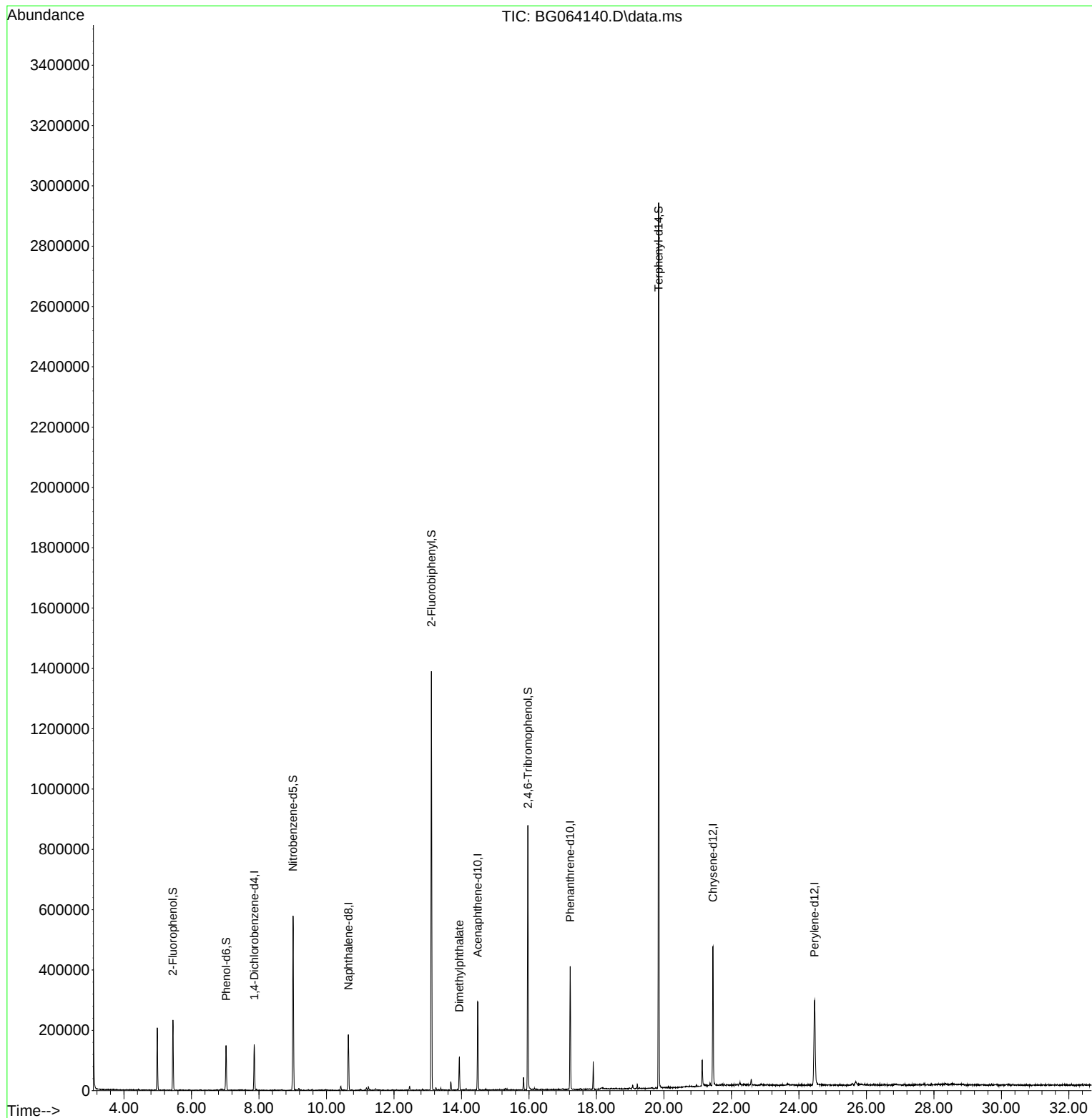
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	35625	20.000	ng	0.00
21) Naphthalene-d8	10.648	136	147982	20.000	ng	0.00
39) Acenaphthene-d10	14.479	164	101170	20.000	ng	0.00
64) Phenanthrene-d10	17.223	188	235772	20.000	ng	0.00
76) Chrysene-d12	21.453	240	265131	20.000	ng	0.00
86) Perylene-d12	24.462	264	282446	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	86205	37.784	ng	0.00
7) Phenol-d6	7.023	99	70718	22.784	ng	0.00
23) Nitrobenzene-d5	9.009	82	298509	111.474	ng	0.00
42) 2,4,6-Tribromophenol	15.971	330	142077	126.338	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	663507	99.548	ng	0.00
79) Terphenyl-d14	19.843	244	1277163	97.402	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.939	163	62980	8.433	ng	Qvalue 99

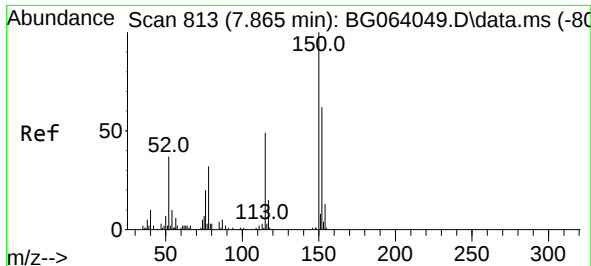
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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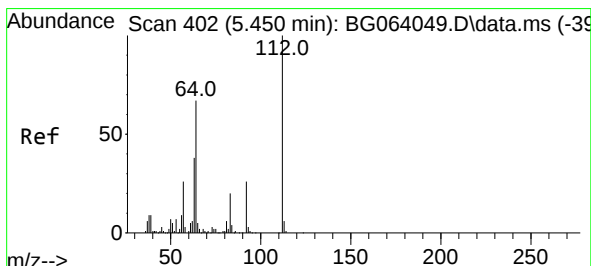
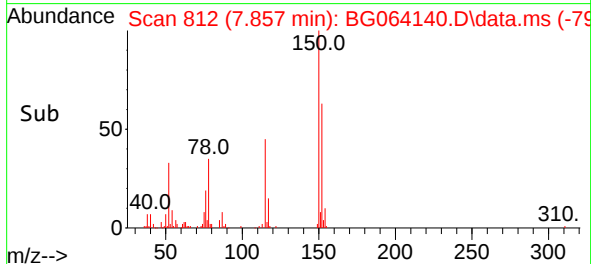
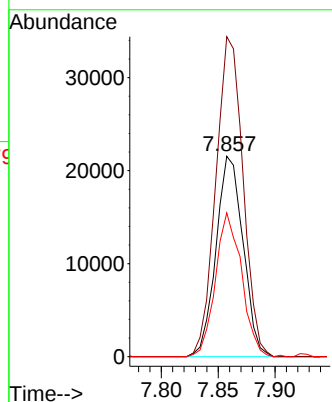
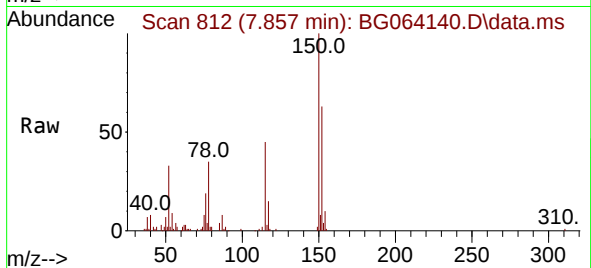




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 813
Delta R.T. -0.008 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

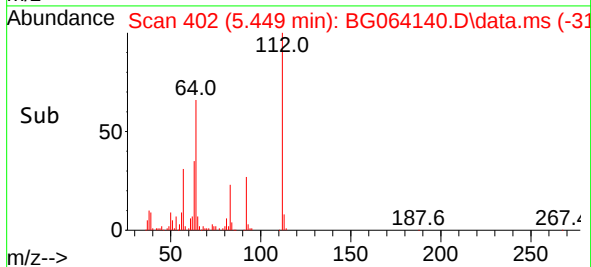
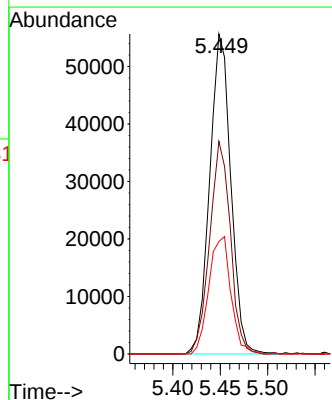
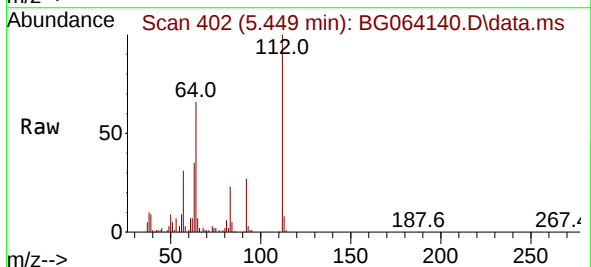
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

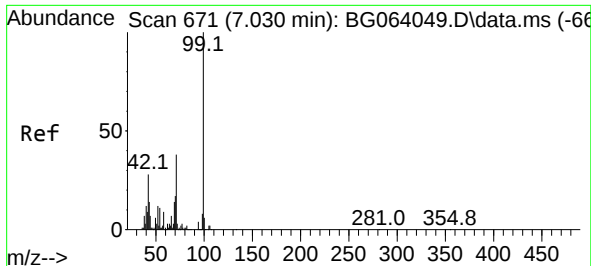
Tgt Ion:152 Resp: 35625
Ion Ratio Lower Upper
152 100
150 159.6 129.2 193.8
115 71.7 63.0 94.6



#5
2-Fluorophenol
Concen: 37.784 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion:112 Resp: 86205
Ion Ratio Lower Upper
112 100
64 66.4 53.7 80.5
63 35.1 30.2 45.4

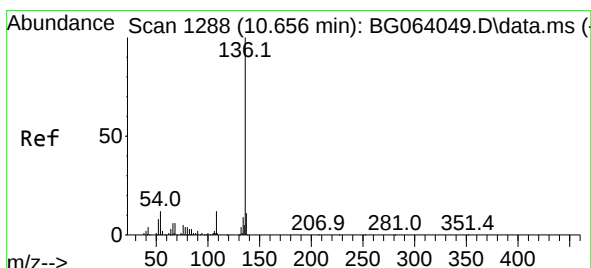
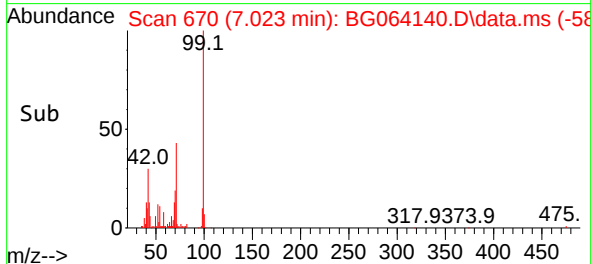
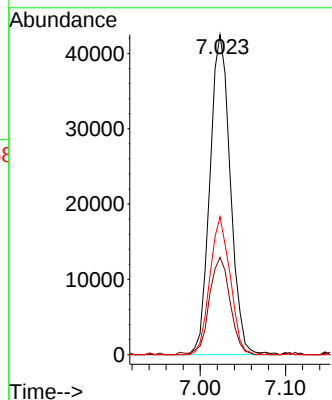
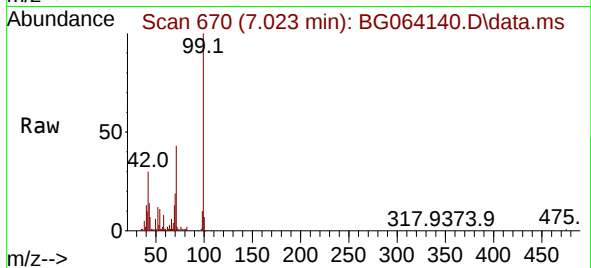




#7
Phenol-d6
Concen: 22.784 ng
RT: 7.023 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

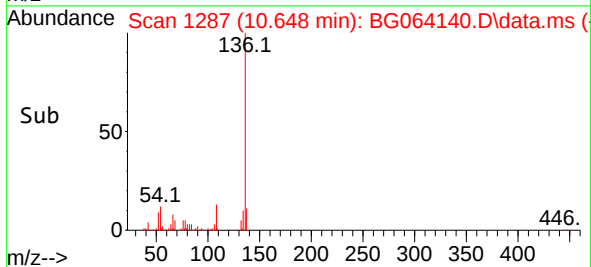
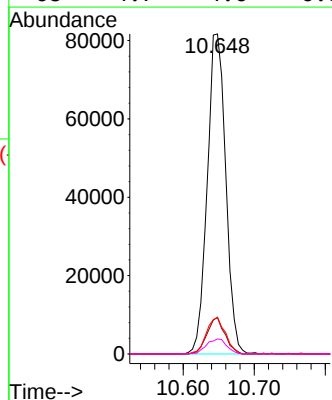
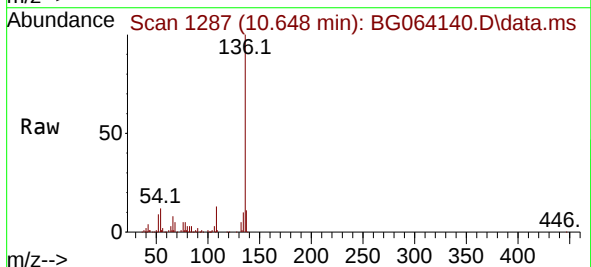
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

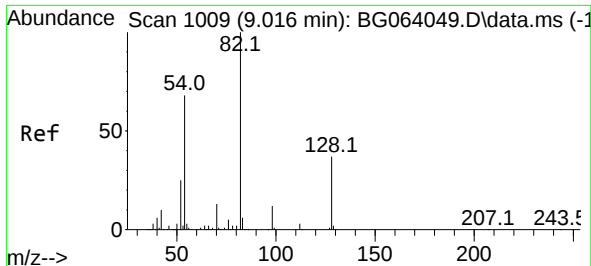
Tgt Ion: 99 Resp: 70718
Ion Ratio Lower Upper
99 100
42 30.4 22.7 34.1
71 43.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.648 min Scan# 1287
Delta R.T. -0.008 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion: 136 Resp: 147982
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 11.5 9.9 14.9
68 4.7 4.6 6.8

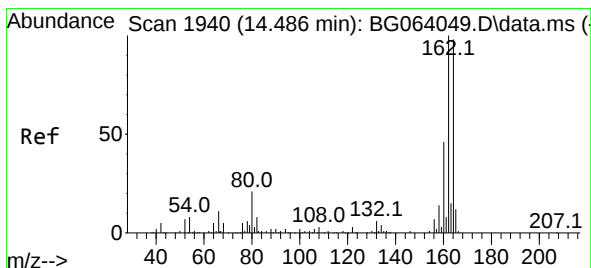
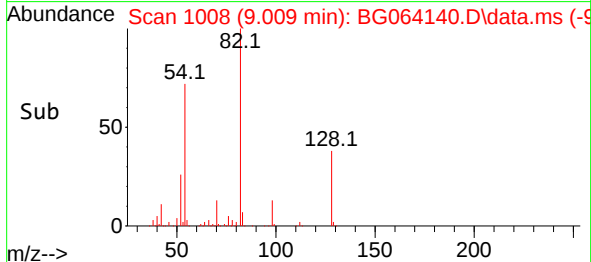
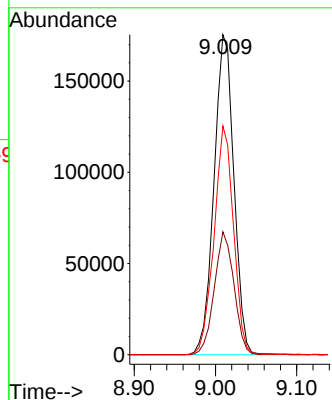
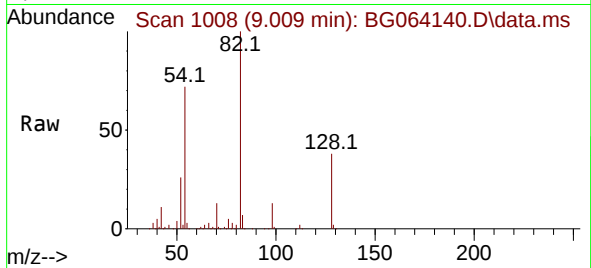




#23
Nitrobenzene-d5
Concen: 111.474 ng
RT: 9.009 min Scan# 1009
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

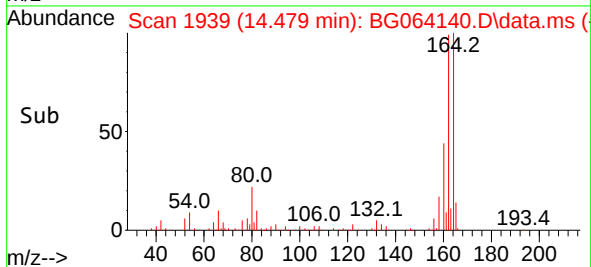
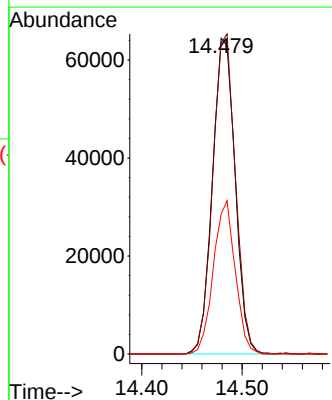
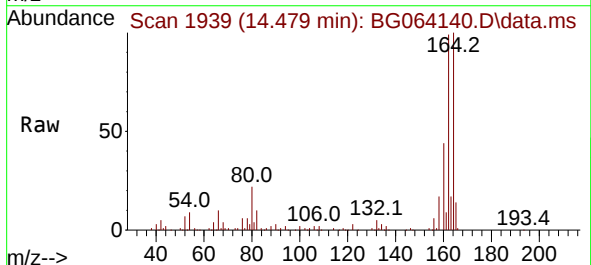
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

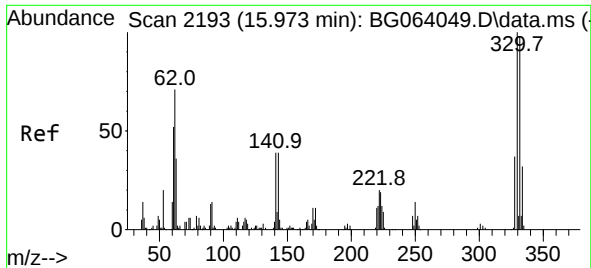
Tgt Ion: 82 Resp: 298509
Ion Ratio Lower Upper
82 100
128 38.4 30.0 45.0
54 71.5 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.479 min Scan# 1939
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

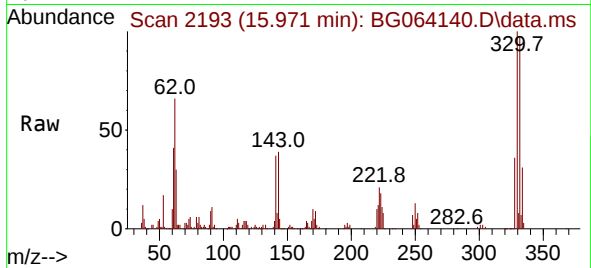
Tgt Ion:164 Resp: 101170
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 44.3 37.0 55.6



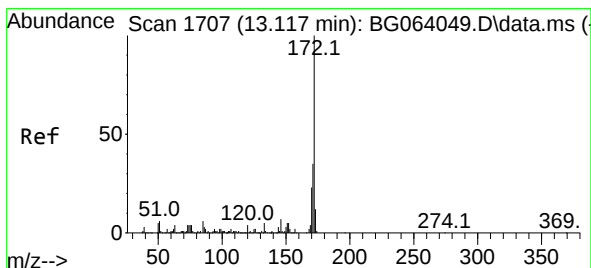
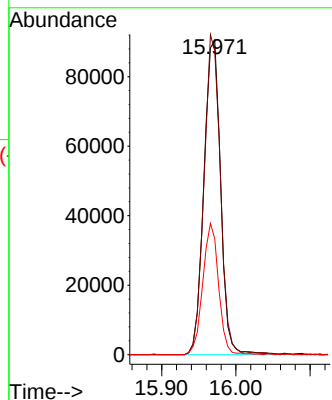
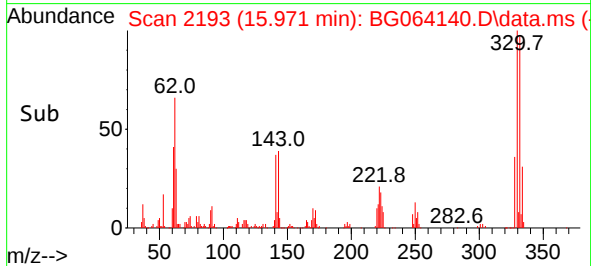


#42
2,4,6-Tribromophenol
Concen: 126.338 ng
RT: 15.971 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-004-01

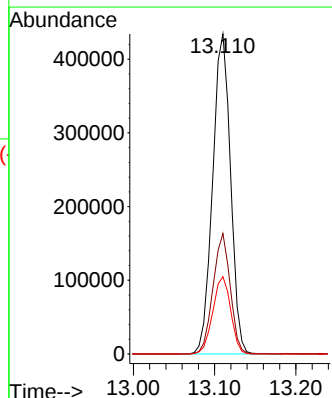
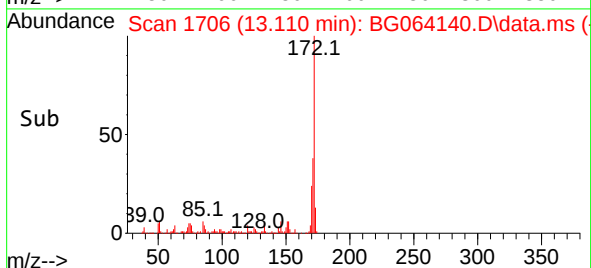
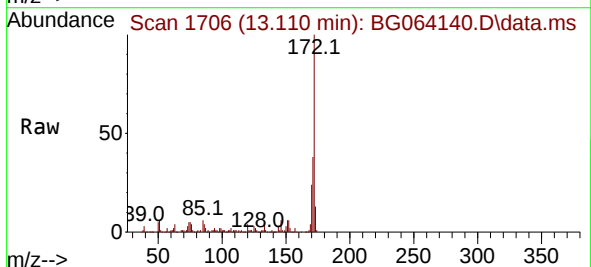


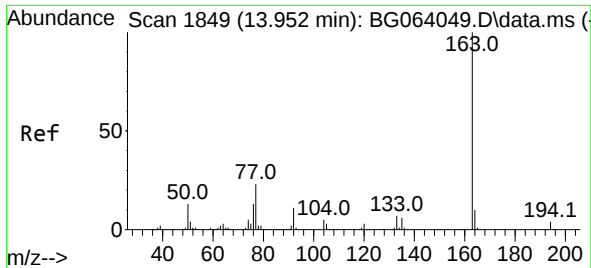
Tgt Ion:330 Resp: 142077
Ion Ratio Lower Upper
330 100
332 99.4 76.7 115.1
141 39.5 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 99.548 ng
RT: 13.110 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG064140.D
Acq: 1 Apr 2025 18:25

Tgt Ion:172 Resp: 663507
Ion Ratio Lower Upper
172 100
171 37.6 28.0 42.0
170 24.2 18.7 28.1

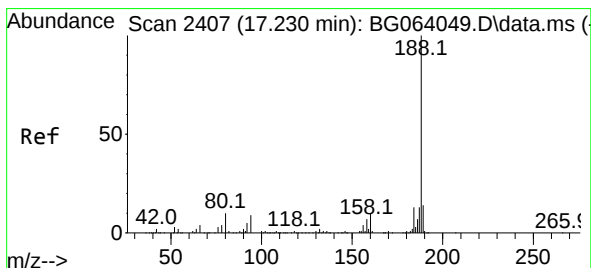
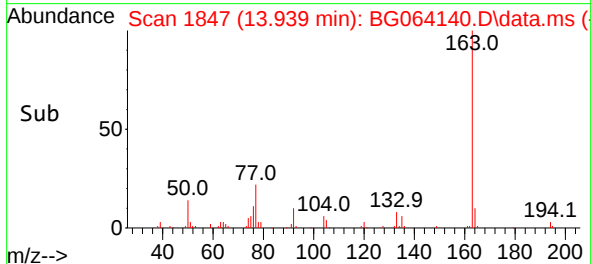
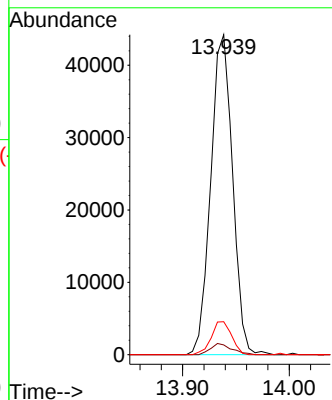
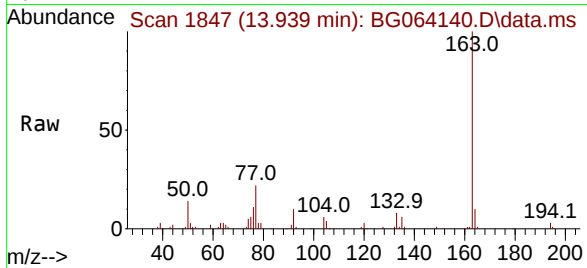




#50
 Dimethylphthalate
 Concen: 8.433 ng
 RT: 13.939 min Scan# 1847
 Delta R.T. -0.013 min
 Lab File: BG064140.D
 Acq: 1 Apr 2025 18:25

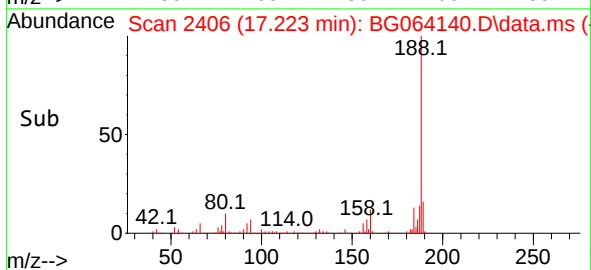
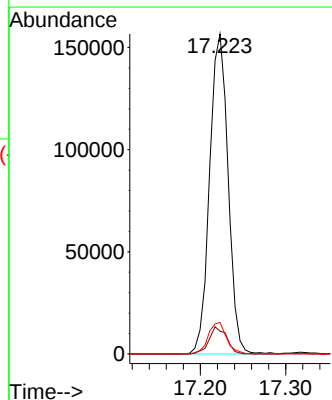
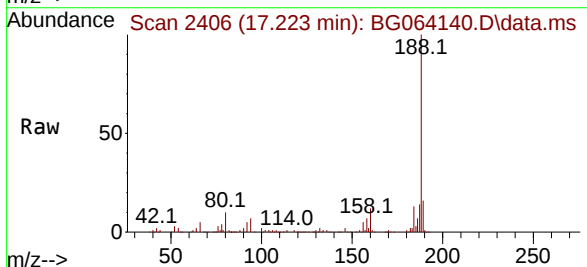
Instrument :
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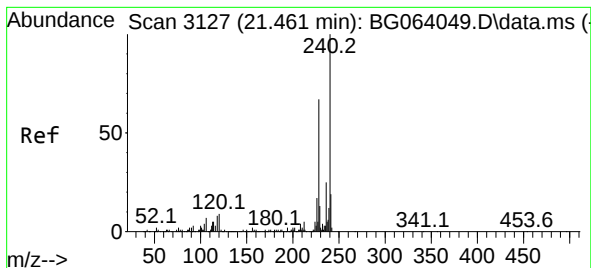
Tgt Ion:163 Resp: 62980
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.3 8.2 12.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.223 min Scan# 2406
 Delta R.T. -0.007 min
 Lab File: BG064140.D
 Acq: 1 Apr 2025 18:25

Tgt Ion:188 Resp: 235772
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.9 10.3
 80 9.9 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.453 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG064140.D

Acq: 1 Apr 2025 18:25

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-004-01

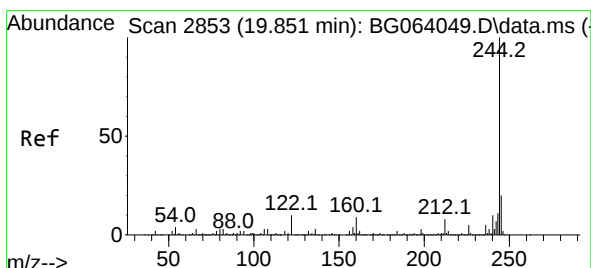
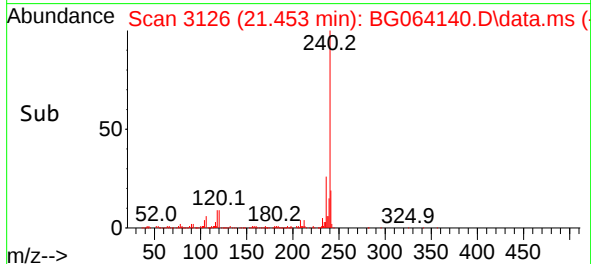
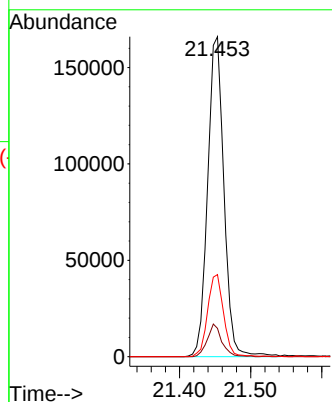
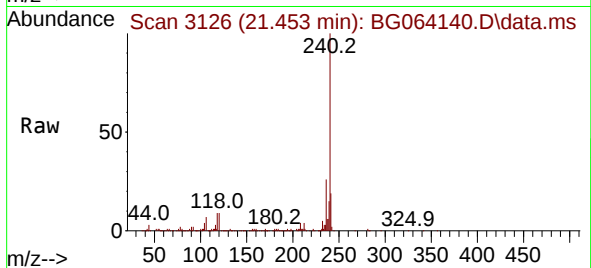
Tgt Ion:240 Resp: 265131

Ion Ratio Lower Upper

240 100

120 8.9 7.2 10.8

236 25.7 20.2 30.2



#79

Terphenyl-d14

Concen: 97.402 ng

RT: 19.843 min Scan# 2852

Delta R.T. -0.007 min

Lab File: BG064140.D

Acq: 1 Apr 2025 18:25

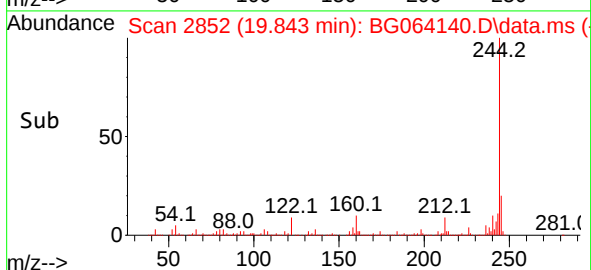
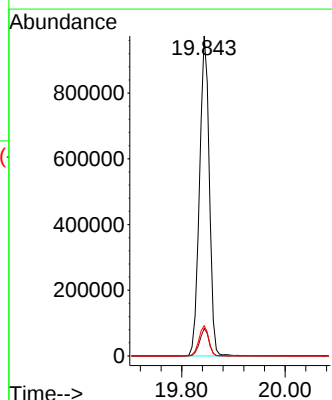
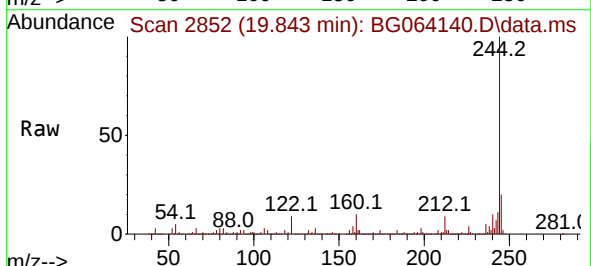
Tgt Ion:244 Resp: 1277163

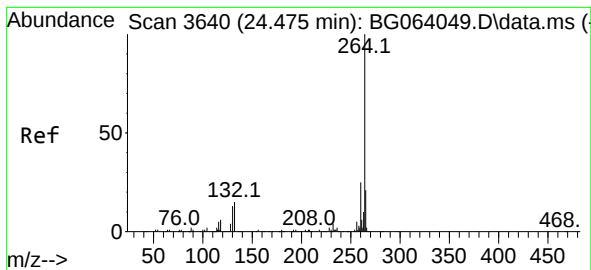
Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.4

122 9.5 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 30

Delta R.T. -0.013 min

Lab File: BG064140.D

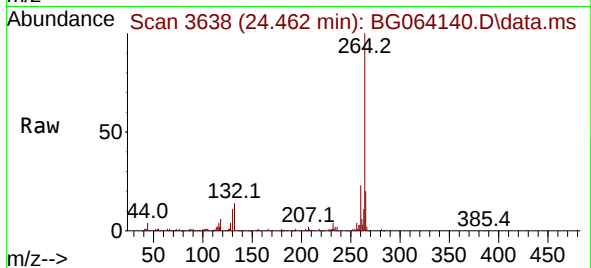
Acq: 1 Apr 2025 18:25

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BNA_G

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P001-BBDGA-004-01



Tgt Ion:264 Resp: 282446

Ion Ratio Lower Upper

264 100

260 22.8 19.6 29.4

265 20.4 16.6 25.0

