

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064082.D
 Acq On : 10 Mar 2025 15:44
 Operator : RC/JU
 Sample : Q1514-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-SB01

Quant Time: Mar 10 17:44:45 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	33115	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	135273	20.000	ng	0.00
39) Acenaphthene-d10	14.485	164	90840	20.000	ng	0.00
64) Phenanthrene-d10	17.223	188	211884	20.000	ng	0.00
76) Chrysene-d12	21.454	240	226453	20.000	ng	0.00
86) Perylene-d12	24.468	264	238169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.455	112	276035	130.157	ng	0.00
7) Phenol-d6	7.029	99	317763	110.139	ng	0.00
23) Nitrobenzene-d5	9.015	82	258664	105.670	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	173206	171.533	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	558838	93.378	ng	0.00
79) Terphenyl-d14	19.850	244	1203117	107.426	ng	0.00

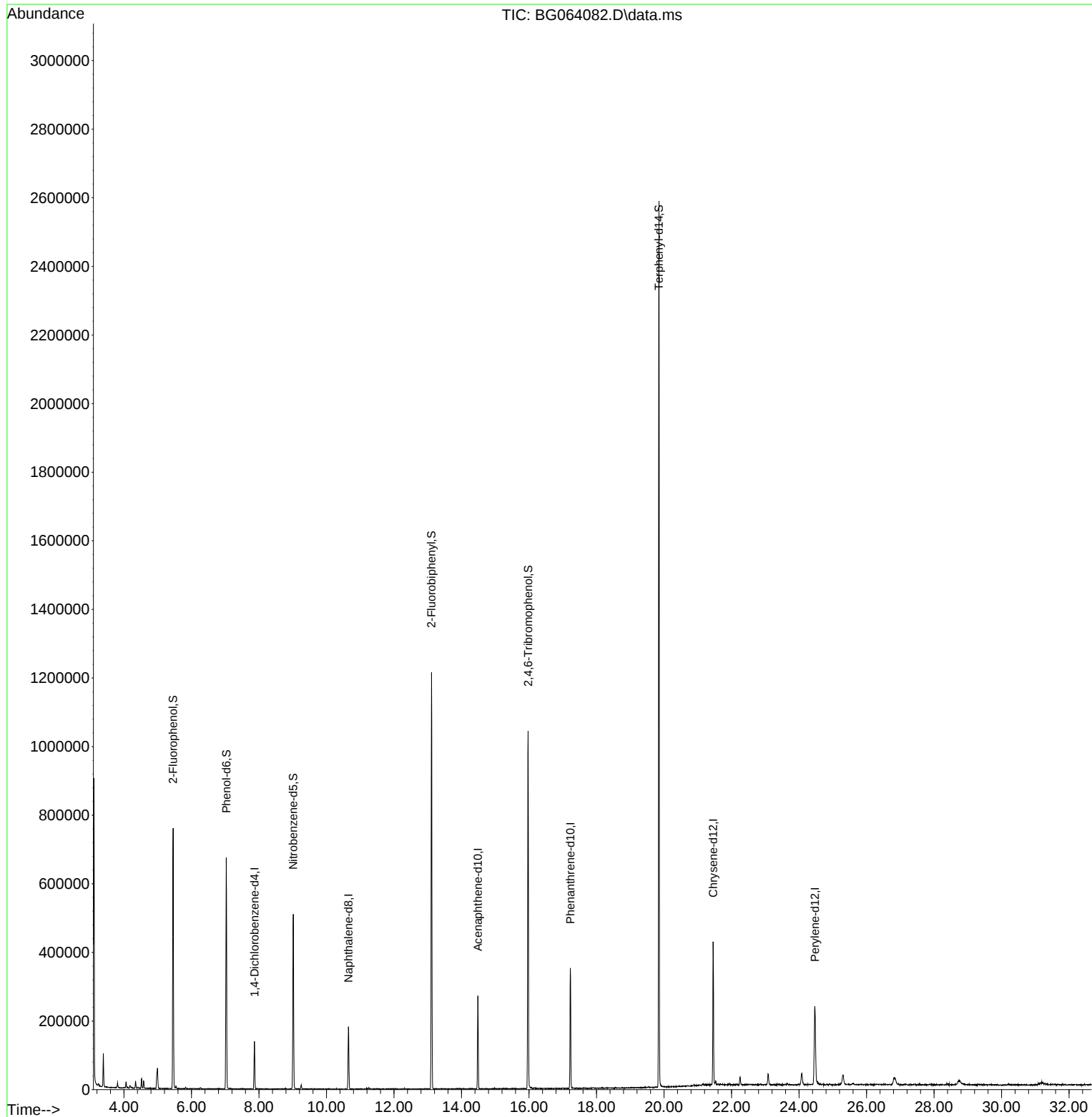
Target Compounds	Qvalue

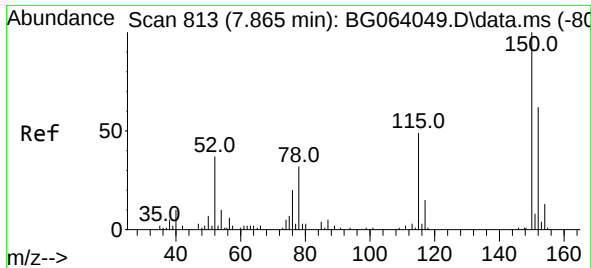
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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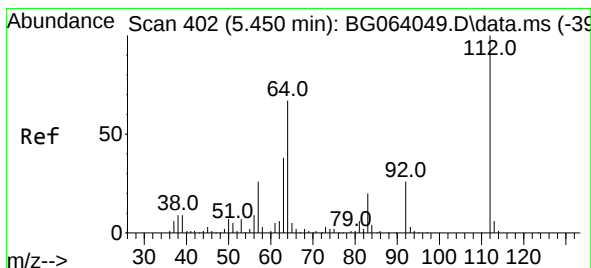
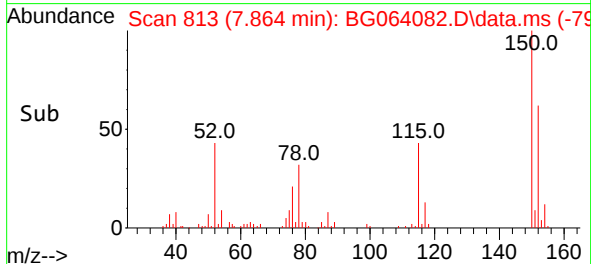
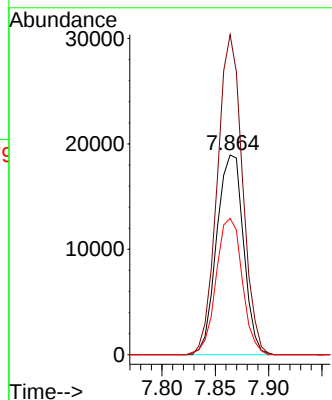
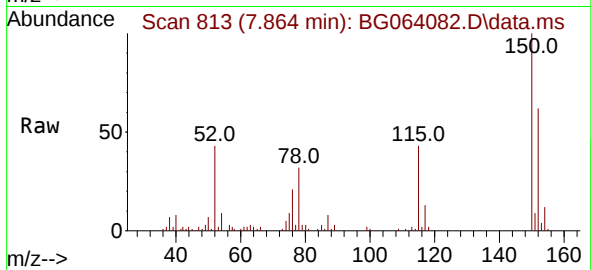




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

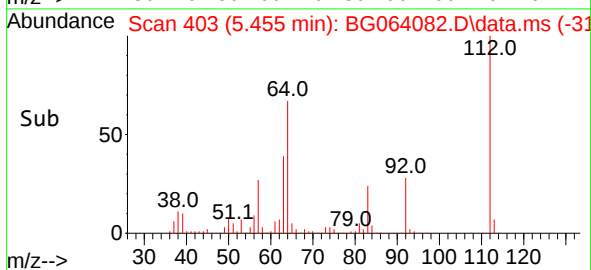
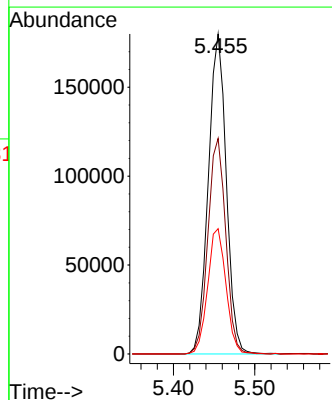
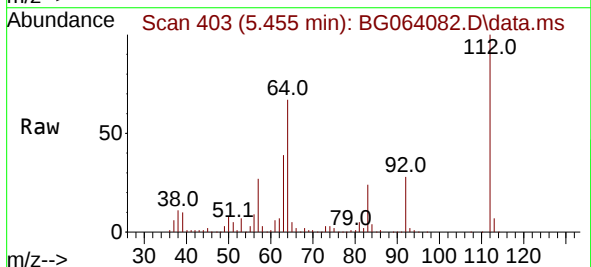
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB01

Tgt Ion:152 Resp: 33115
Ion Ratio Lower Upper
152 100
150 160.3 129.2 193.8
115 68.3 63.0 94.6



#5
2-Fluorophenol
Concen: 130.157 ng
RT: 5.455 min Scan# 403
Delta R.T. 0.005 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:112 Resp: 276035
Ion Ratio Lower Upper
112 100
64 67.3 53.7 80.5
63 39.2 30.2 45.4

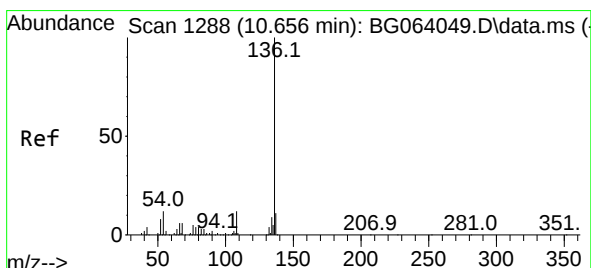
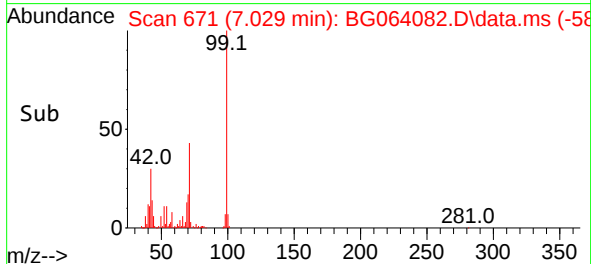
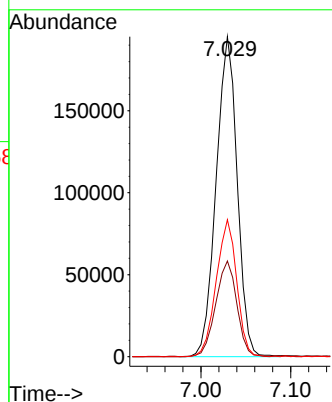
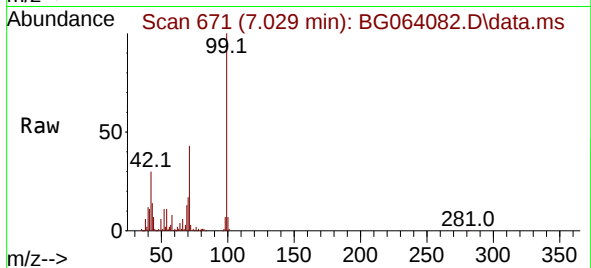




#7
Phenol-d6
Concen: 110.139 ng
RT: 7.029 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

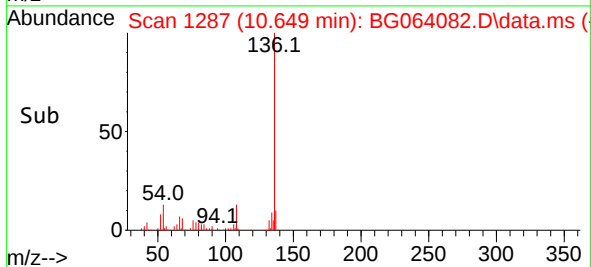
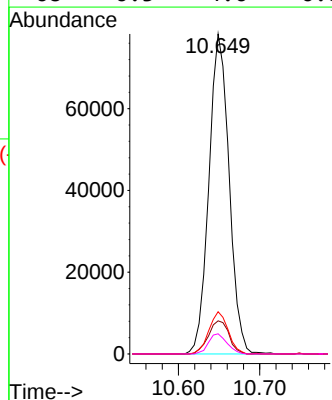
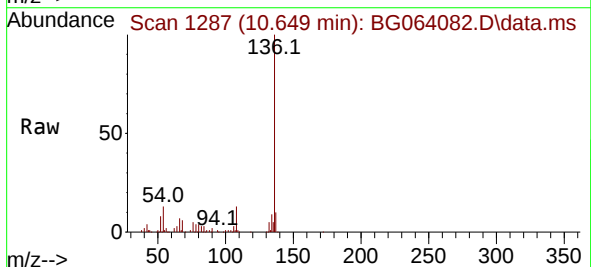
Instrument :
BNA_G
ClientSampleId :
ENV-105-SB01

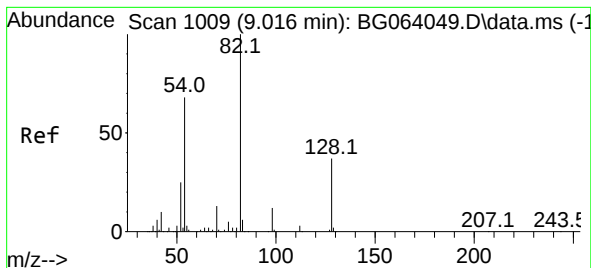
Tgt Ion: 99 Resp: 317763
Ion Ratio Lower Upper
99 100
42 29.9 22.7 34.1
71 42.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:136 Resp: 135273
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 13.2 9.9 14.9
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 105.670 ng

RT: 9.015 min Scan# 1009

Delta R.T. -0.001 min

Lab File: BG064082.D

Acq: 10 Mar 2025 15:44

Instrument :

BNA_G

ClientSampleId :

ENV-105-SB01

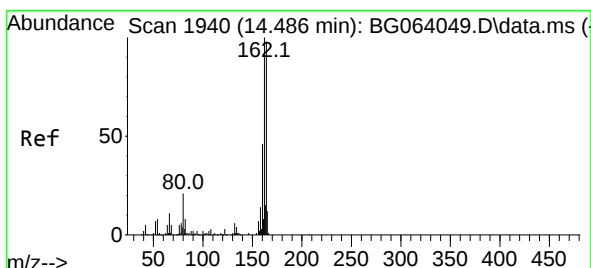
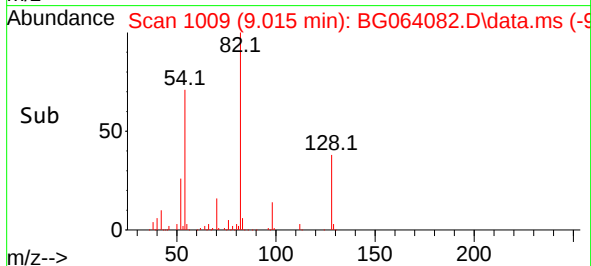
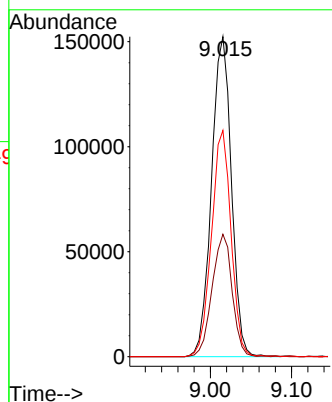
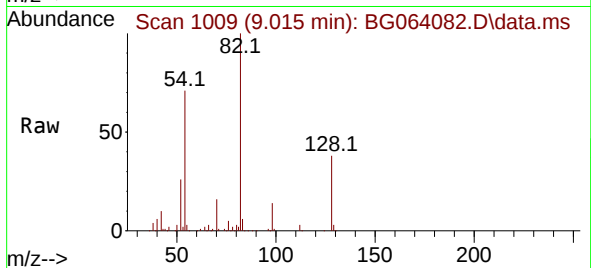
Tgt Ion: 82 Resp: 258664

Ion Ratio Lower Upper

82 100

128 38.2 30.0 45.0

54 70.7 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.485 min Scan# 1940

Delta R.T. -0.001 min

Lab File: BG064082.D

Acq: 10 Mar 2025 15:44

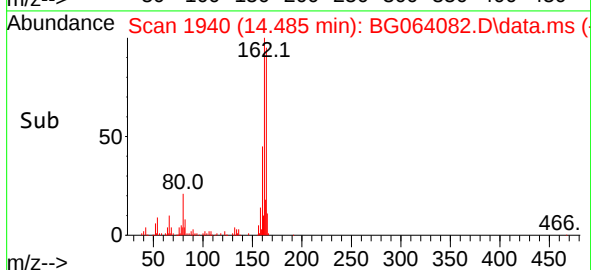
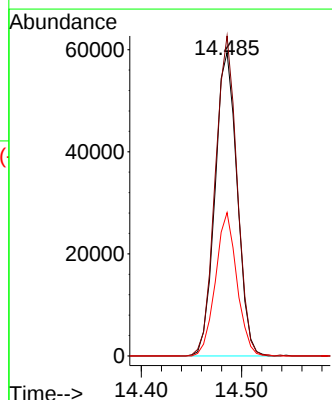
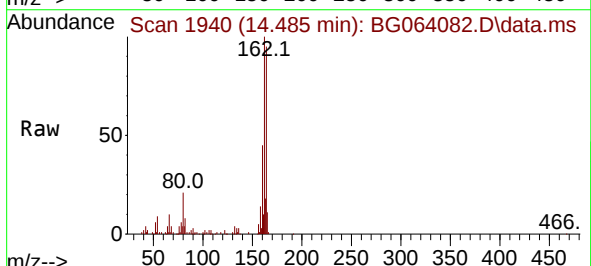
Tgt Ion:164 Resp: 90840

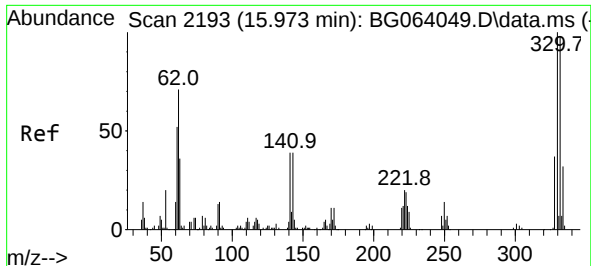
Ion Ratio Lower Upper

164 100

162 105.4 81.4 122.0

160 47.2 37.0 55.6

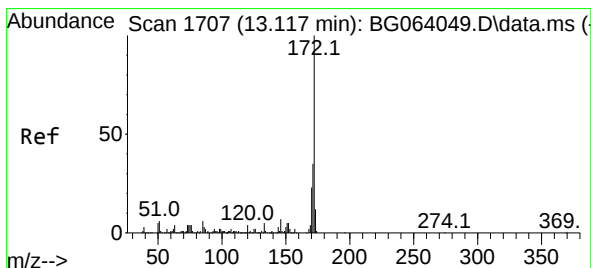
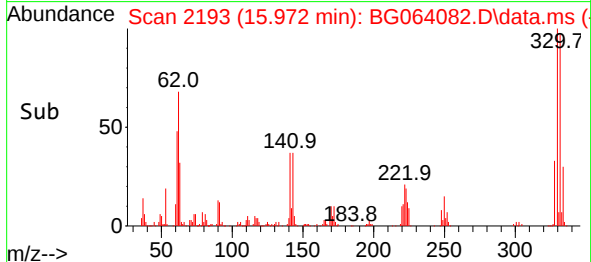
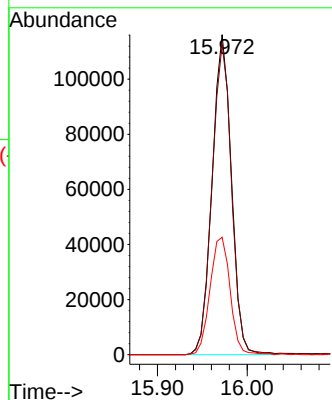
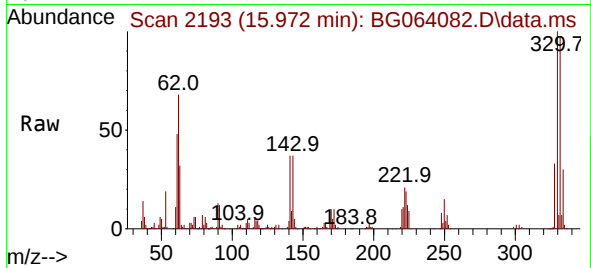




#42
2,4,6-Tribromophenol
Concen: 171.533 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

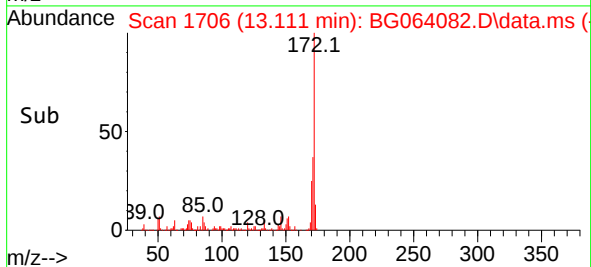
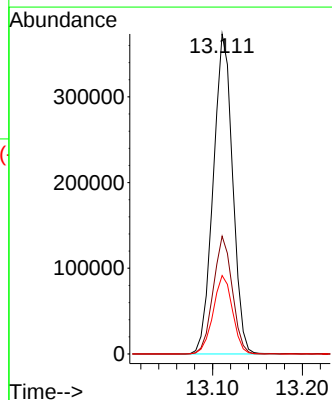
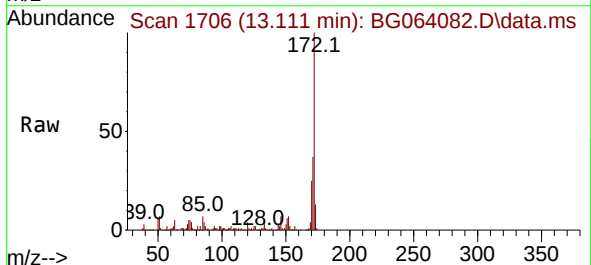
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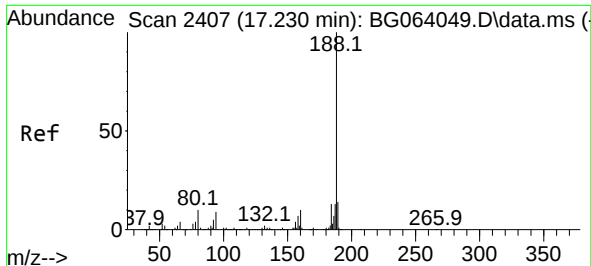
Tgt Ion:330 Resp: 173206
Ion Ratio Lower Upper
330 100
332 98.3 76.7 115.1
141 38.2 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 93.378 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:172 Resp: 558838
Ion Ratio Lower Upper
172 100
171 36.8 28.0 42.0
170 24.5 18.7 28.1

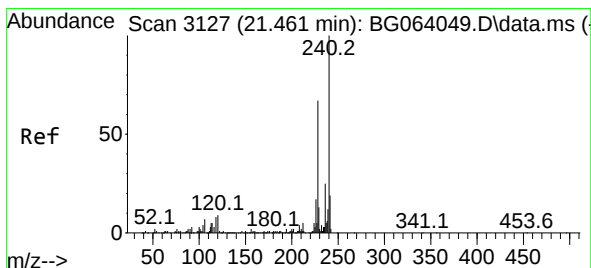
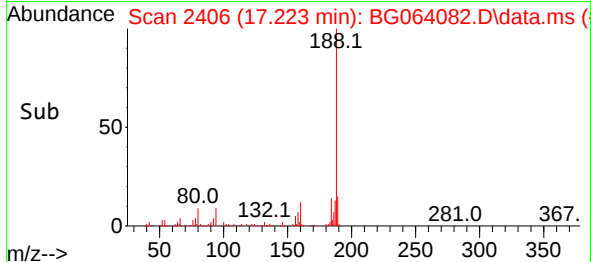
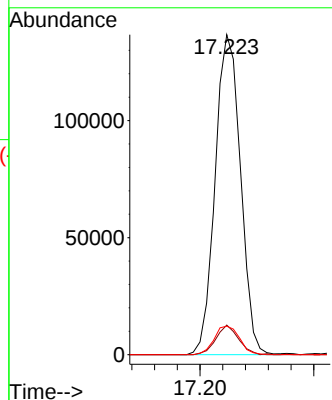
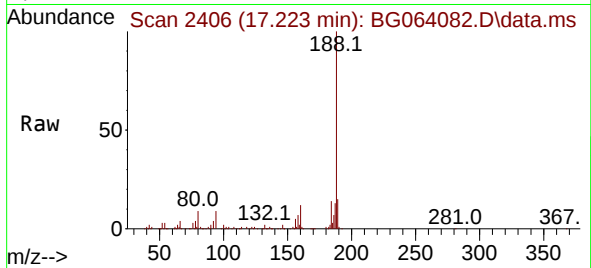




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.223 min Scan# 2406
Delta R.T. -0.007 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

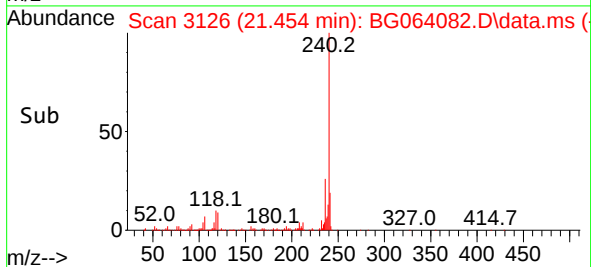
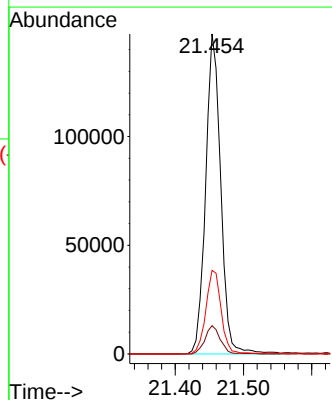
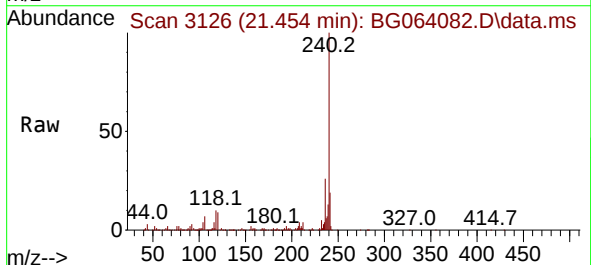
Instrument :
BNA_G
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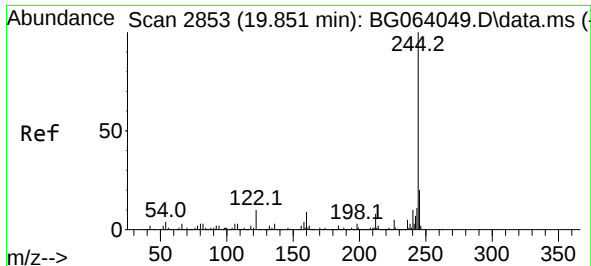
Tgt Ion:188 Resp: 211884
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 8.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. -0.007 min
Lab File: BG064082.D
Acq: 10 Mar 2025 15:44

Tgt Ion:240 Resp: 226453
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 26.1 20.2 30.2

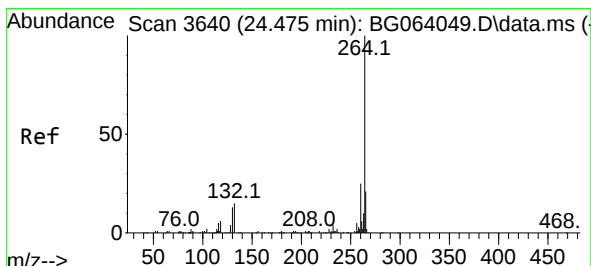
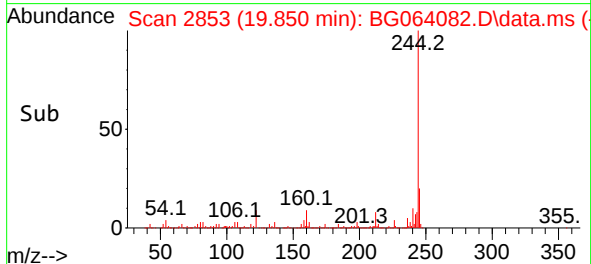
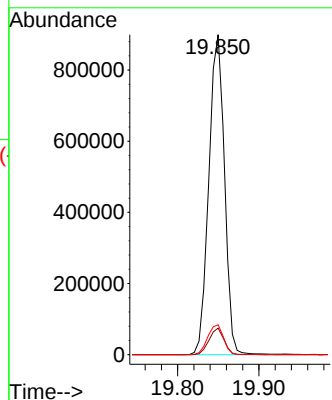
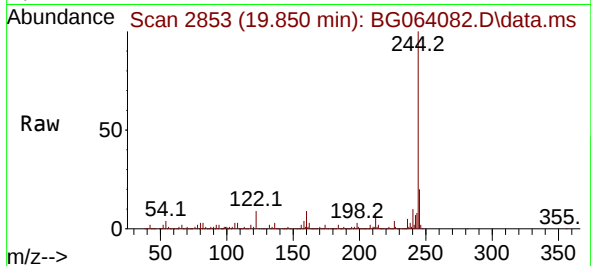




#79
 Terphenyl-d14
 Concen: 107.426 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064082.D
 Acq: 10 Mar 2025 15:44

Instrument :
 BNA_G
 ClientSampleId :
 ENV-105-SB01

Tgt Ion:244 Resp: 1203117
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.4
 122 9.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.468 min Scan# 3639
 Delta R.T. -0.007 min
 Lab File: BG064082.D
 Acq: 10 Mar 2025 15:44

Tgt Ion:264 Resp: 238169
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 20.4 16.6 25.0

