

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064079.D
 Acq On : 10 Mar 2025 13:43
 Operator : RC/JU
 Sample : Q1488-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-102-SB02

Quant Time: Mar 10 15:19:16 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	7.861	152	32475	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	132840	20.000	ng	0.00
39) Acenaphthene-d10	14.488	164	88542	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	205793	20.000	ng	0.00
76) Chrysene-d12	21.457	240	234830	20.000	ng	0.00
86) Perylene-d12	24.471	264	245151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	299574	144.040	ng	0.00
7) Phenol-d6	7.032	99	363258	128.390	ng	0.00
23) Nitrobenzene-d5	9.012	82	274607	114.238	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	170868	173.610	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	599991	102.857	ng	0.00
79) Terphenyl-d14	19.847	244	1223564	105.355	ng	0.00

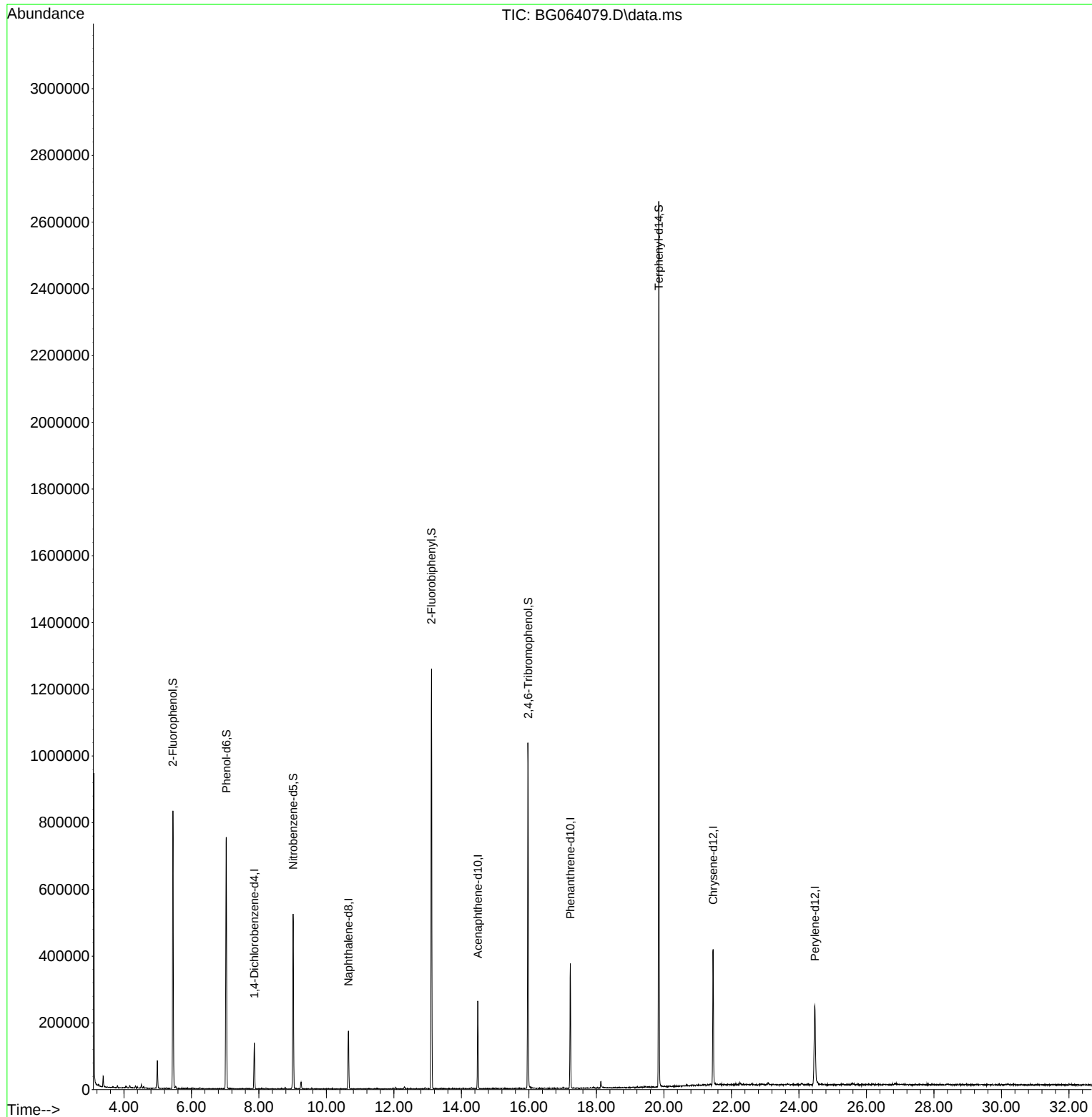
Target Compounds	Qvalue

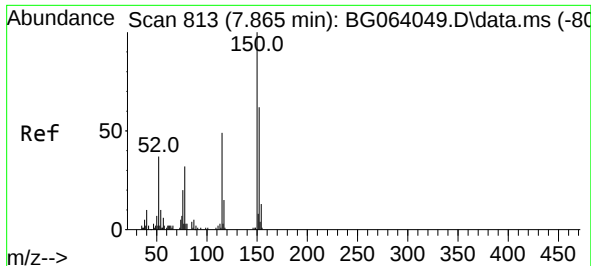
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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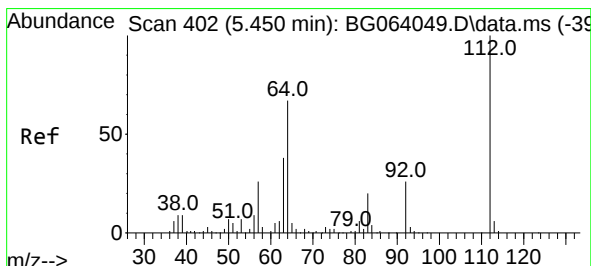
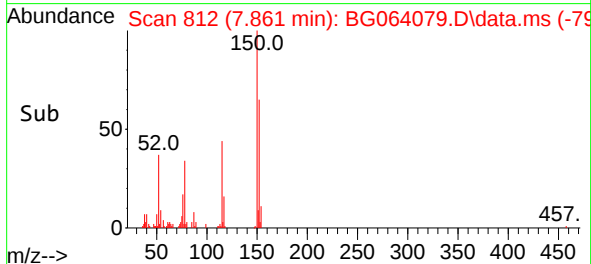
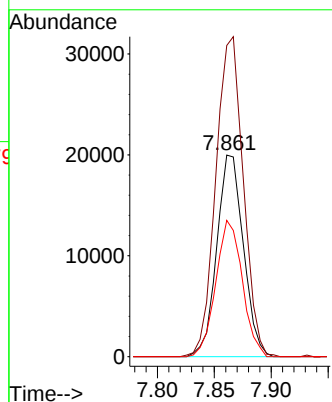
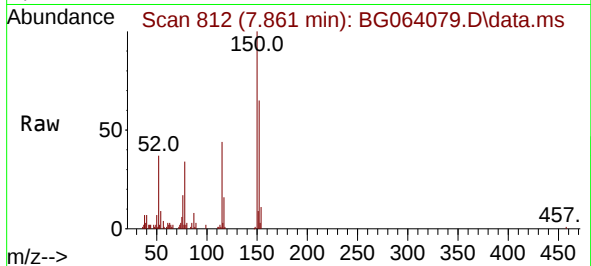




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.861 min Scan# 813
 Delta R.T. -0.004 min
 Lab File: BG064079.D
 Acq: 10 Mar 2025 13:43

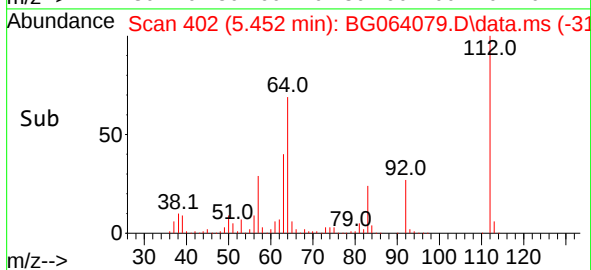
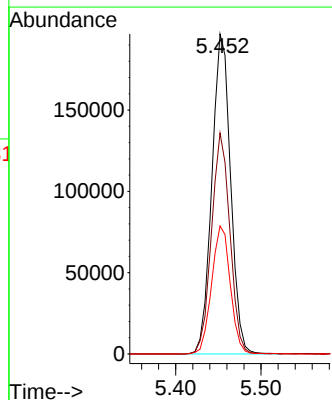
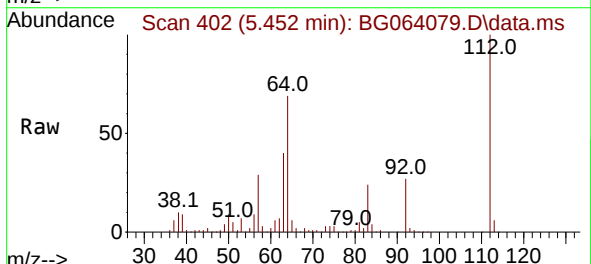
Instrument :
 BNA_G
 ClientSampleId :
 ENV-102-SB02

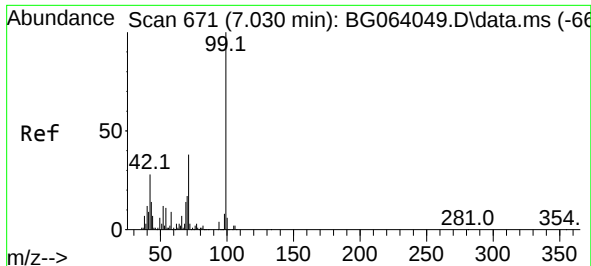
Tgt Ion:152 Resp: 32475
 Ion Ratio Lower Upper
 152 100
 150 154.4 129.2 193.8
 115 67.6 63.0 94.6



#5
 2-Fluorophenol
 Concen: 144.040 ng
 RT: 5.452 min Scan# 402
 Delta R.T. 0.002 min
 Lab File: BG064079.D
 Acq: 10 Mar 2025 13:43

Tgt Ion:112 Resp: 299574
 Ion Ratio Lower Upper
 112 100
 64 69.0 53.7 80.5
 63 40.0 30.2 45.4

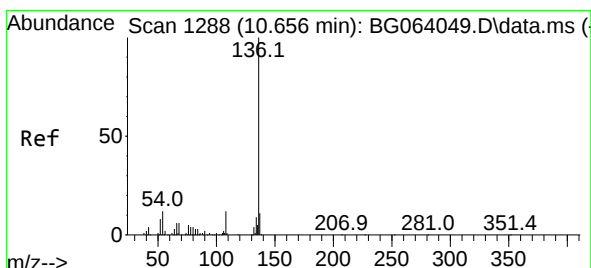
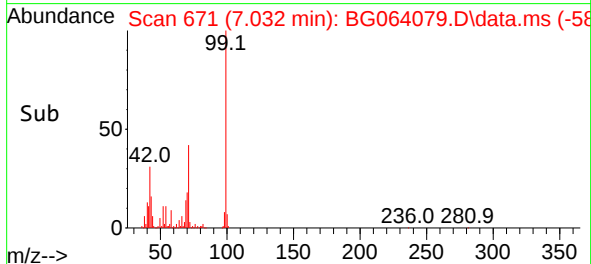
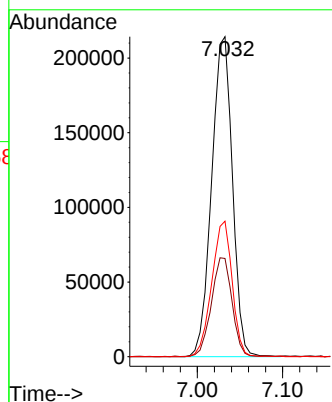
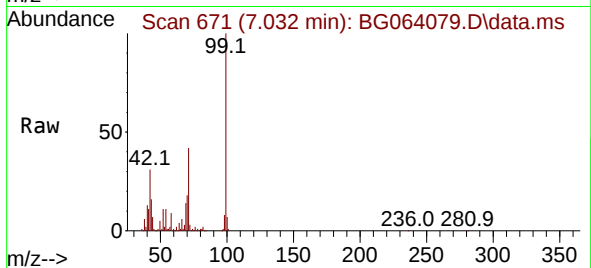




#7
Phenol-d6
Concen: 128.390 ng
RT: 7.032 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

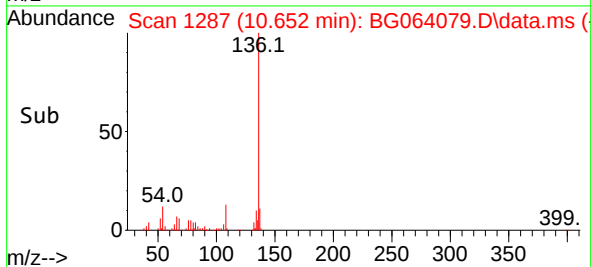
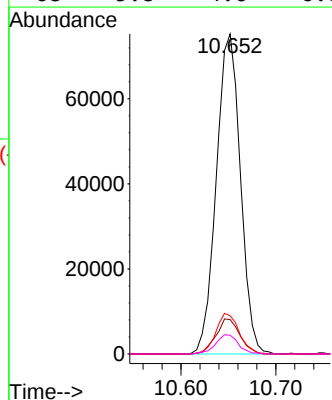
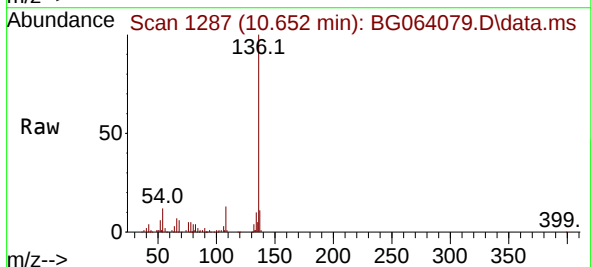
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB02

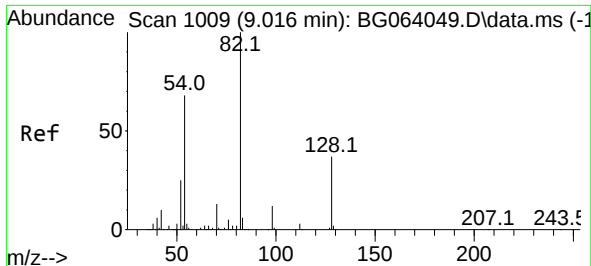
Tgt Ion: 99 Resp: 363258
Ion Ratio Lower Upper
99 100
42 30.7 22.7 34.1
71 42.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion:136 Resp: 132840
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 12.0 9.9 14.9
68 5.8 4.6 6.8

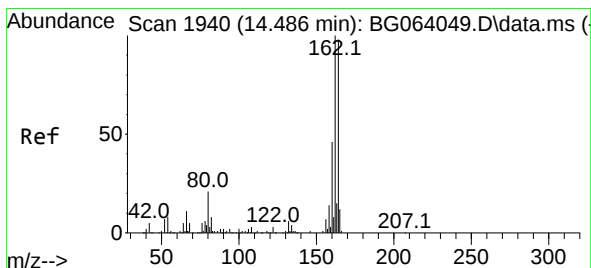
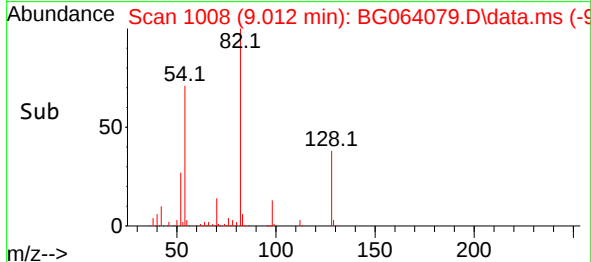
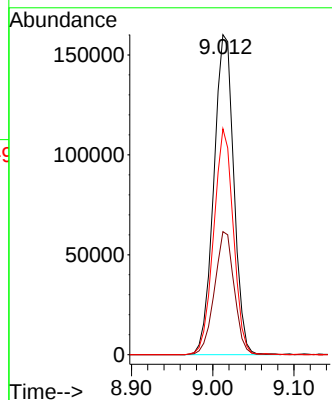
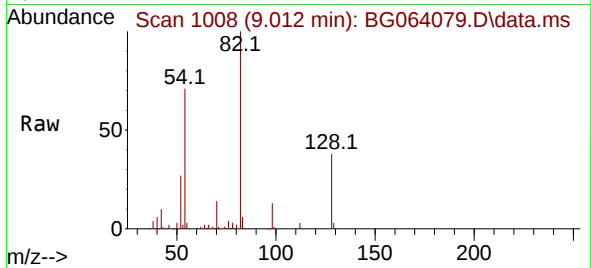




#23
Nitrobenzene-d5
Concen: 114.238 ng
RT: 9.012 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

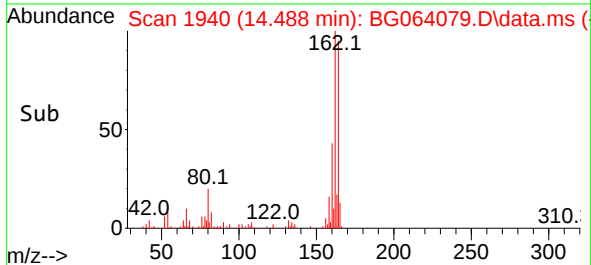
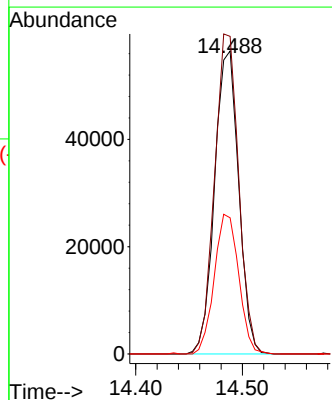
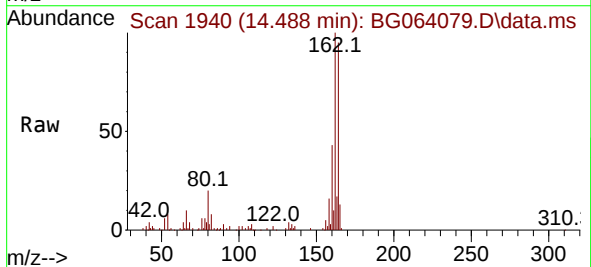
Instrument :
BNA_G
ClientSampleId :
ENV-102-SB02

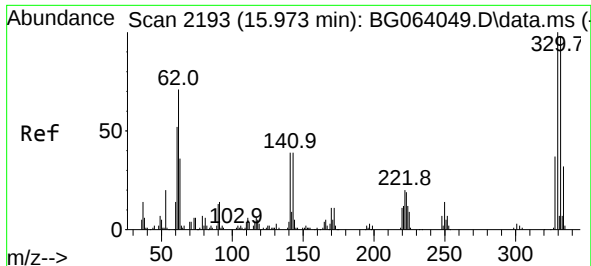
Tgt Ion: 82 Resp: 274607
Ion Ratio Lower Upper
82 100
128 38.4 30.0 45.0
54 70.6 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.488 min Scan# 1940
Delta R.T. 0.002 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion:164 Resp: 88542
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 44.9 37.0 55.6

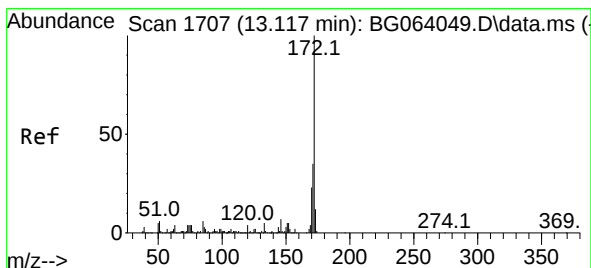
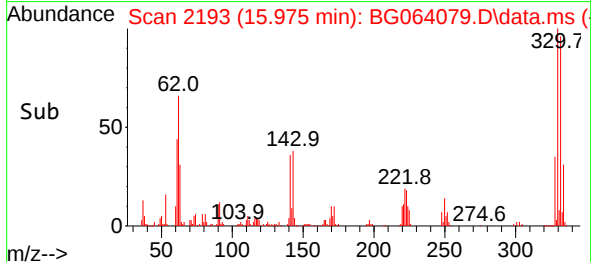
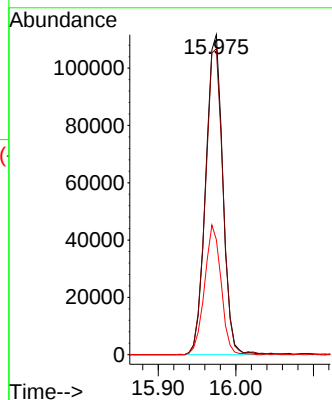
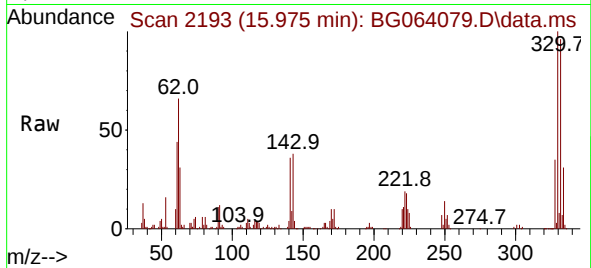




#42
2,4,6-Tribromophenol
Concen: 173.610 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

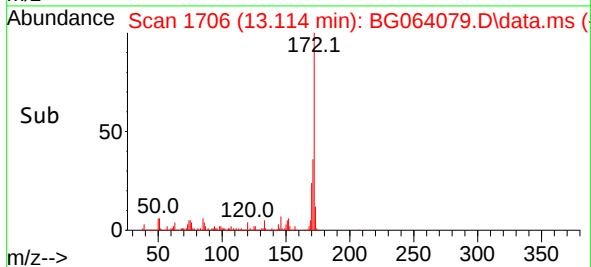
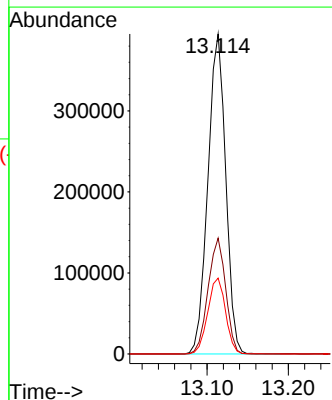
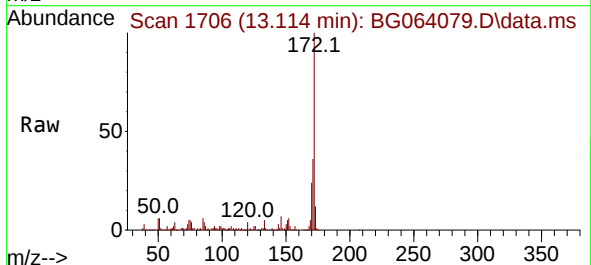
Instrument :
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ClientSampleId :
ENV-102-SB02

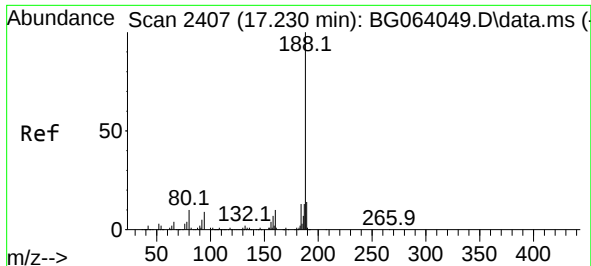
Tgt Ion:330 Resp: 170868
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 39.1 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 102.857 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion:172 Resp: 599991
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 23.7 18.7 28.1

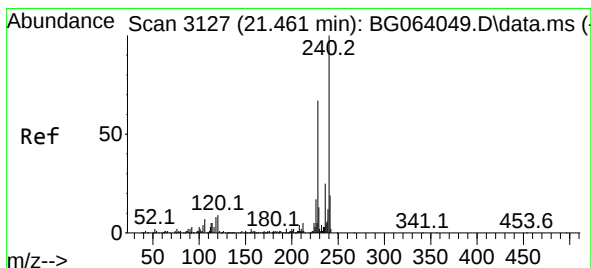
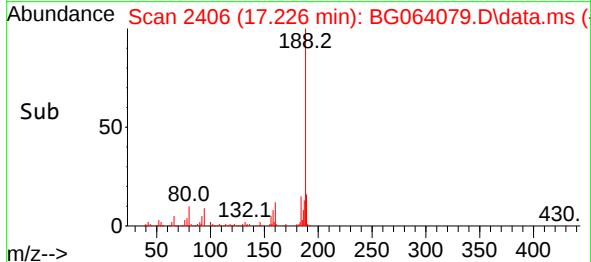
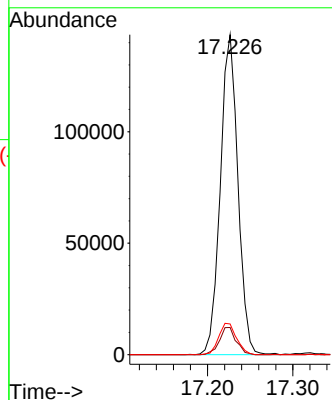
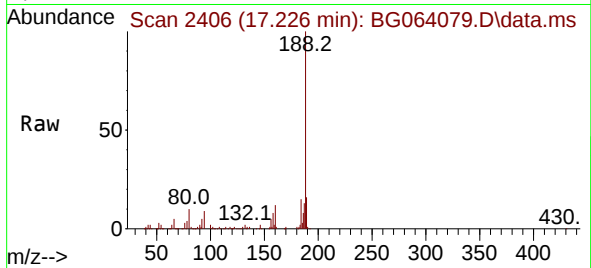




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

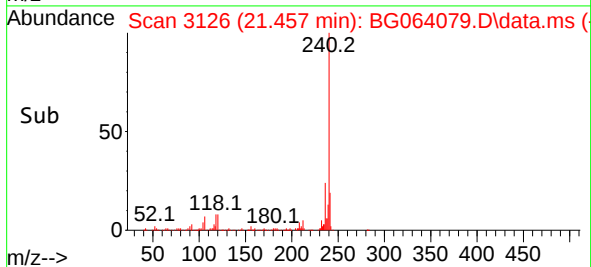
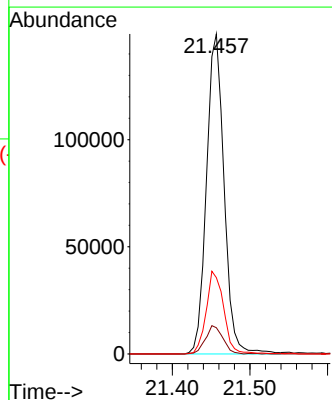
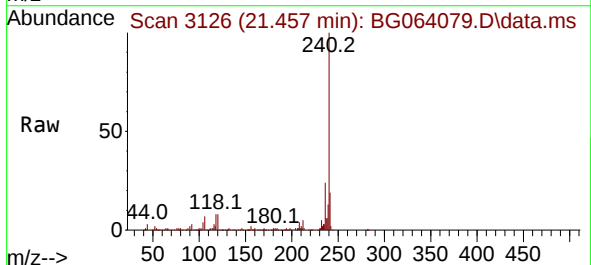
Instrument :
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ENV-102-SB02

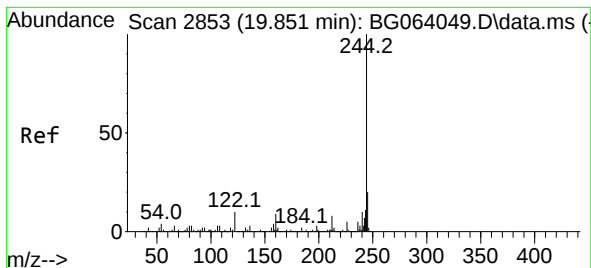
Tgt Ion:188 Resp: 205793
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064079.D
Acq: 10 Mar 2025 13:43

Tgt Ion:240 Resp: 234830
Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 23.9 20.2 30.2





#79

Terphenyl-d14

Concen: 105.355 ng

RT: 19.847 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG064079.D

Acq: 10 Mar 2025 13:43

Instrument :

BNA_G

ClientSampleId :

ENV-102-SB02

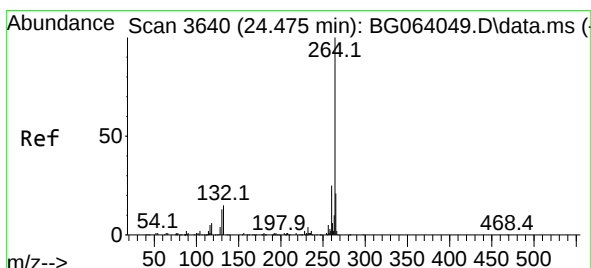
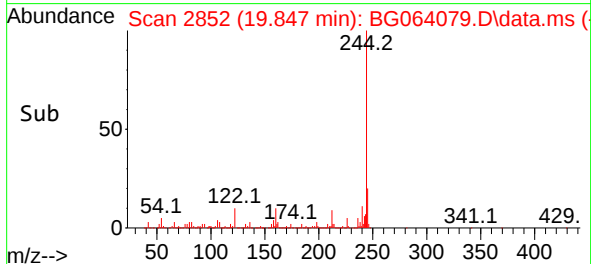
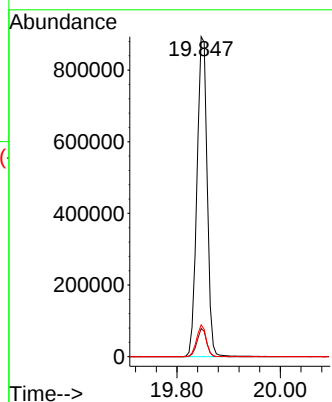
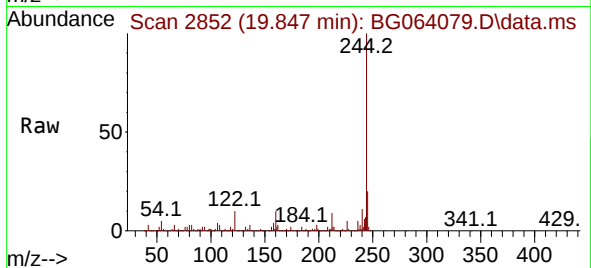
Tgt Ion:244 Resp: 1223564

Ion Ratio Lower Upper

244 100

212 8.8 6.2 9.4

122 10.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.471 min Scan# 3639

Delta R.T. -0.004 min

Lab File: BG064079.D

Acq: 10 Mar 2025 13:43

Tgt Ion:264 Resp: 245151

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 20.9 16.6 25.0

