

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064068.D
 Acq On : 7 Mar 2025 21:03
 Operator : RC/JU
 Sample : Q1514-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-103-GW01

Quant Time: Mar 07 22:58:29 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	34746	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	161327	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	115460	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	254589	20.000	ng	0.00
76) Chrysene-d12	21.460	240	250403	20.000	ng	0.00
86) Perylene-d12	24.474	264	270468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	75993	34.150	ng	0.00
7) Phenol-d6	7.024	99	72325	23.892	ng	0.00
23) Nitrobenzene-d5	9.016	82	262742	90.001	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	108106	84.233	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	610439	80.251	ng	0.00
79) Terphenyl-d14	19.850	244	1005608	81.203	ng	0.00

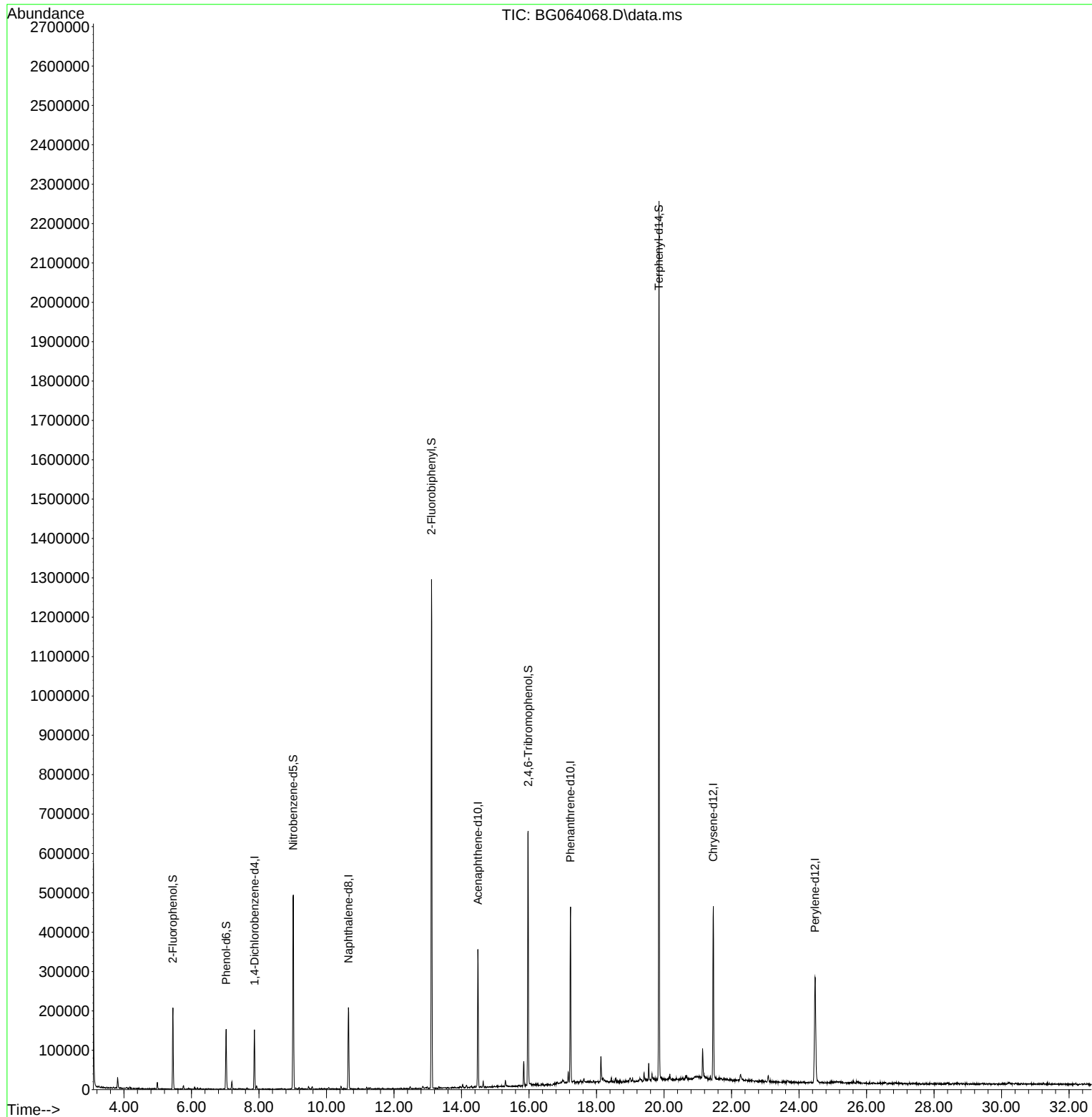
Target Compounds	Qvalue

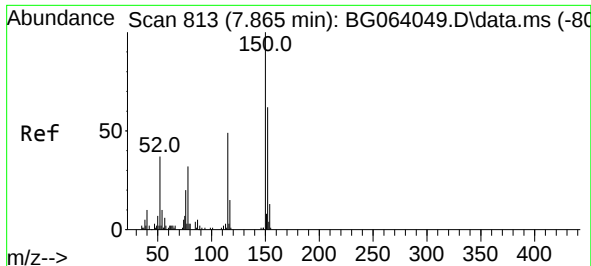
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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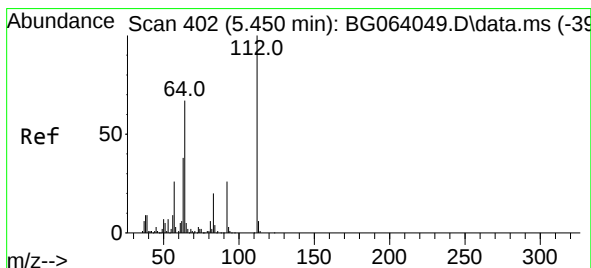
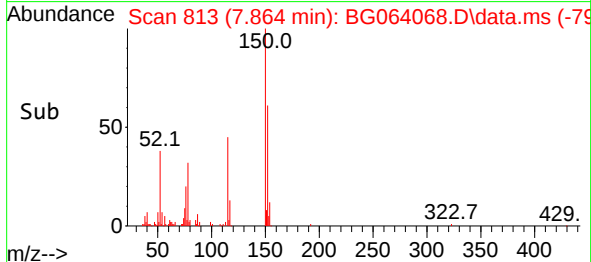
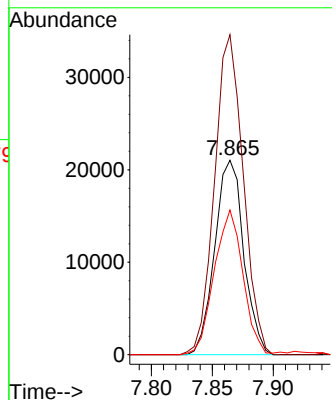
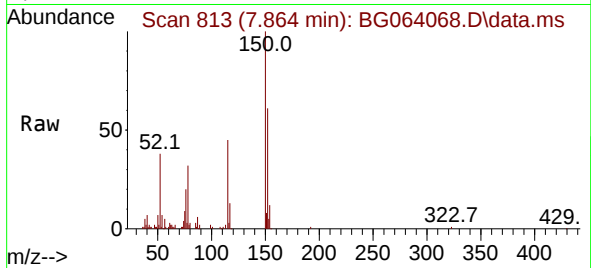




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.001 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

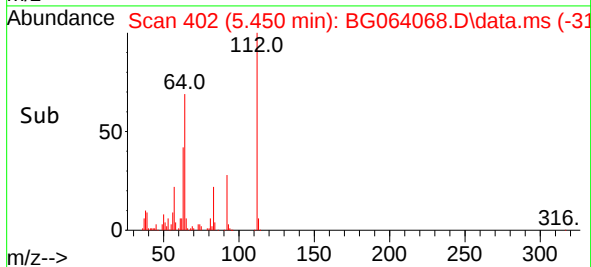
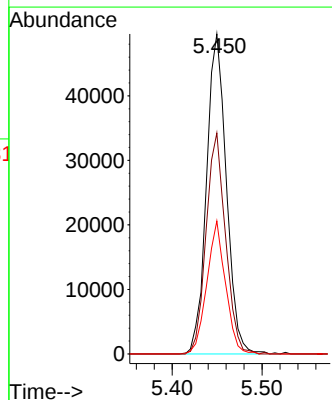
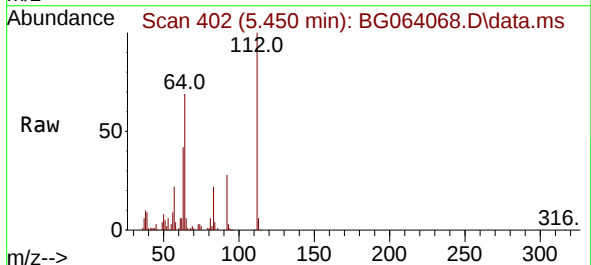
Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

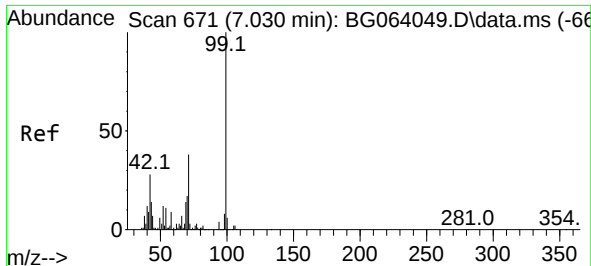
Tgt Ion:152 Resp: 34746
Ion Ratio Lower Upper
152 100
150 164.6 129.2 193.8
115 74.4 63.0 94.6



#5
2-Fluorophenol
Concen: 34.150 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Tgt Ion:112 Resp: 75993
Ion Ratio Lower Upper
112 100
64 69.1 53.7 80.5
63 41.6 30.2 45.4

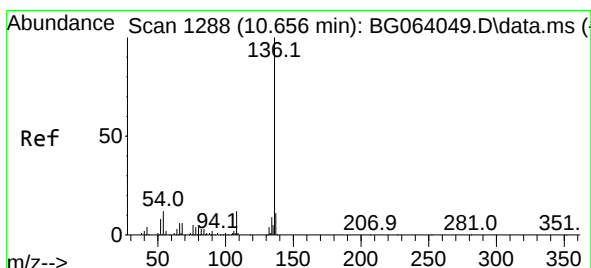
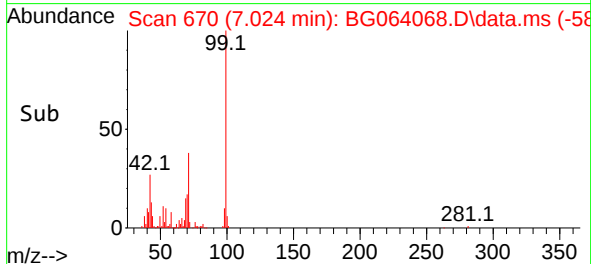
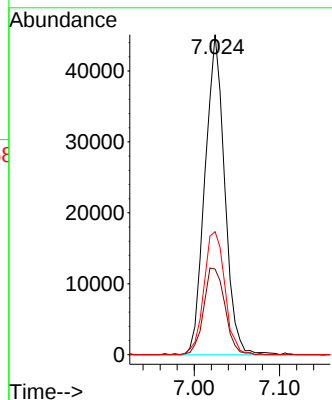
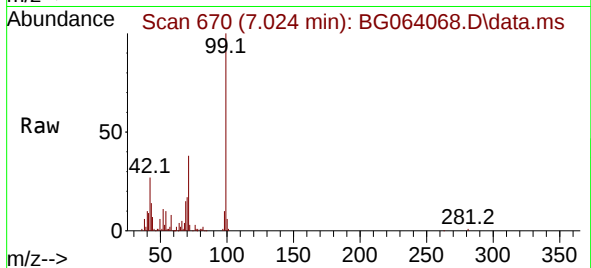




#7
Phenol-d6
Concen: 23.892 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

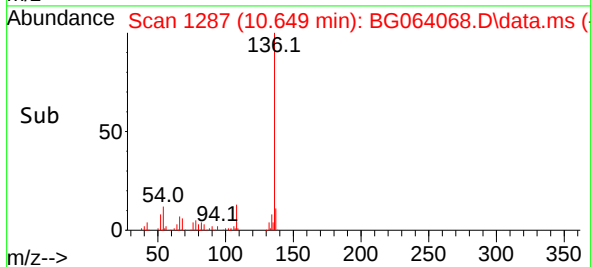
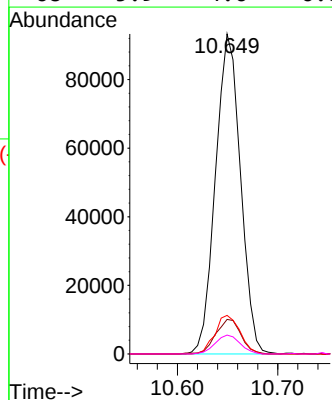
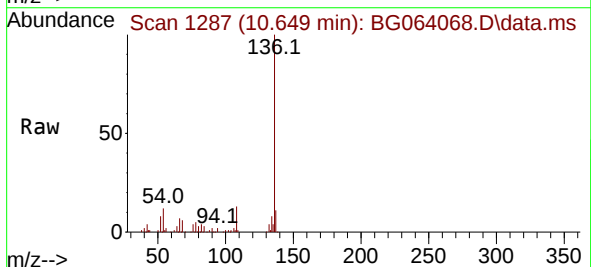
Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

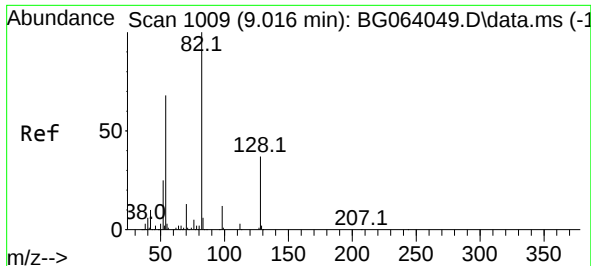
Tgt Ion: 99 Resp: 72325
Ion Ratio Lower Upper
99 100
42 26.8 22.7 34.1
71 38.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Tgt Ion: 136 Resp: 161327
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 12.1 9.9 14.9
68 5.9 4.6 6.8

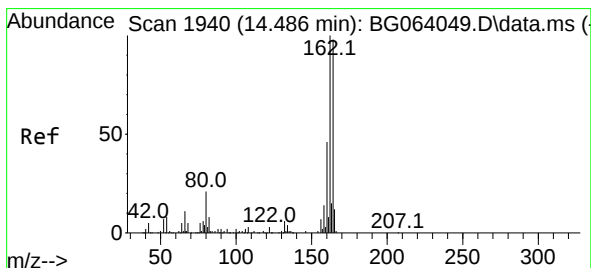
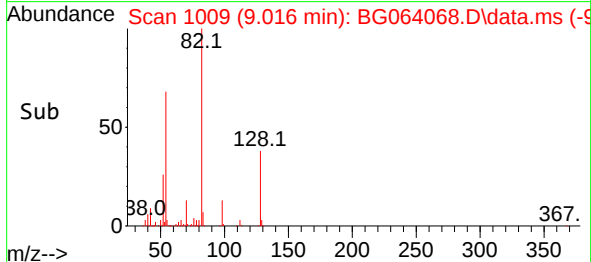
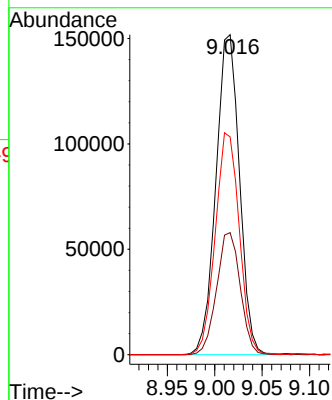
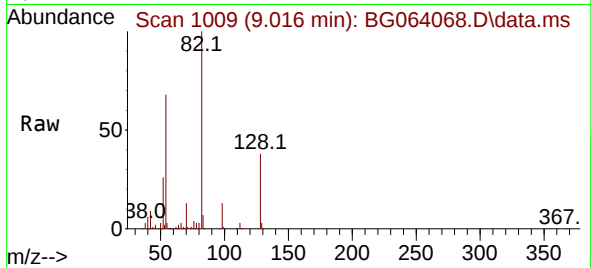




#23
Nitrobenzene-d5
Concen: 90.001 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

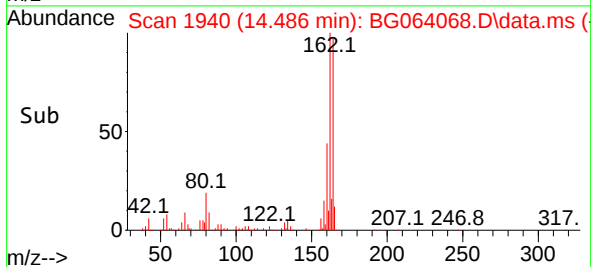
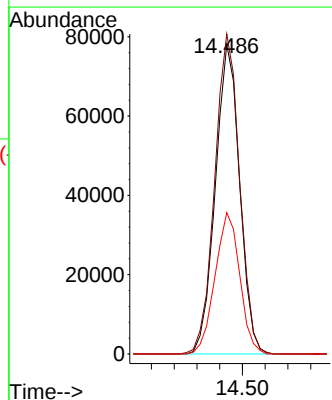
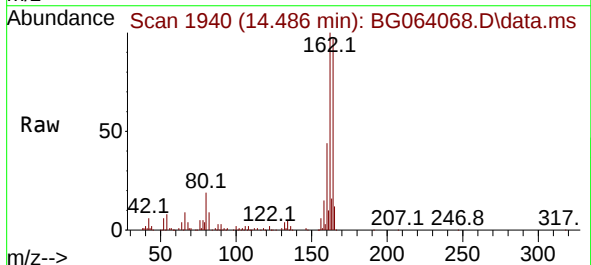
Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01

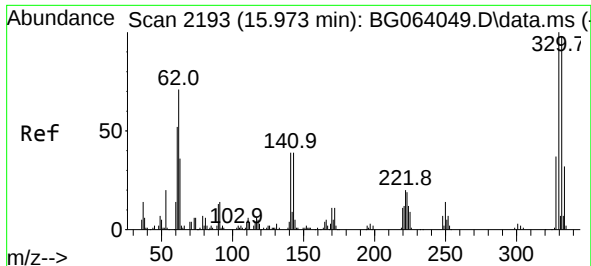
Tgt Ion: 82 Resp: 262742
Ion Ratio Lower Upper
82 100
128 38.1 30.0 45.0
54 68.0 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

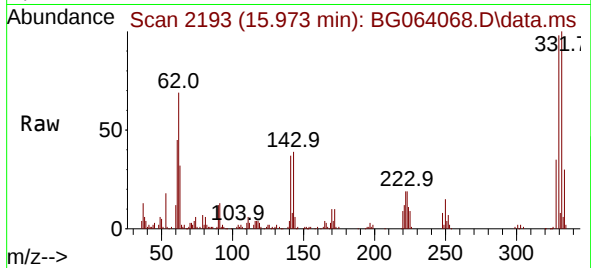
Tgt Ion:164 Resp: 115460
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 45.6 37.0 55.6



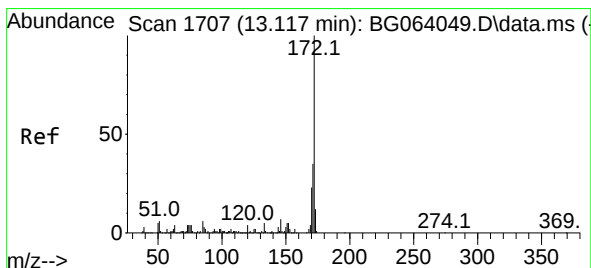
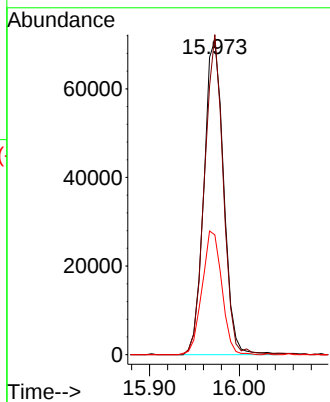
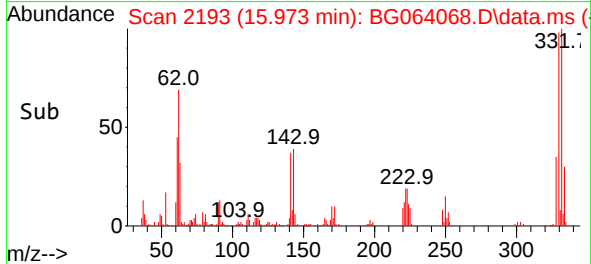


#42
2,4,6-Tribromophenol
Concen: 84.233 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

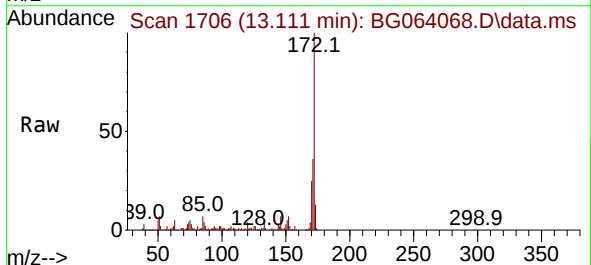
Instrument :
BNA_G
ClientSampleId :
ENV-103-GW01



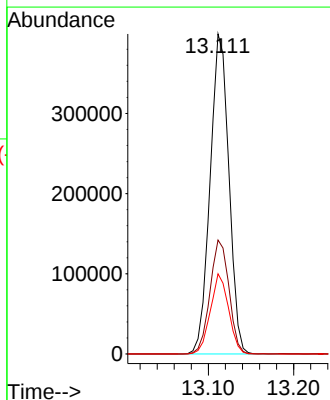
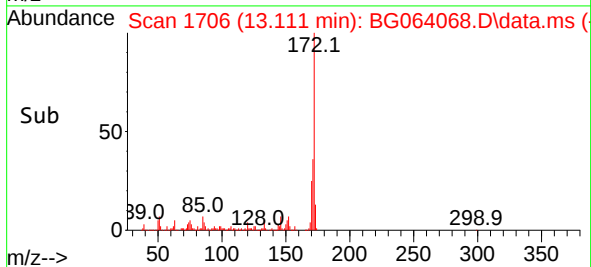
Tgt Ion:330 Resp: 108106
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 39.3 29.7 44.5

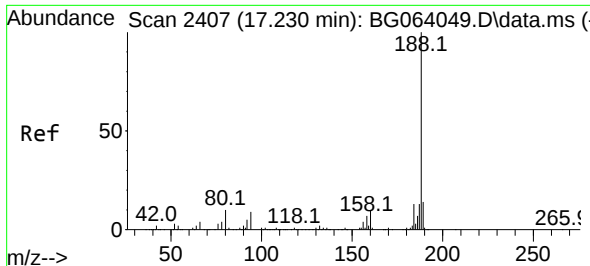


#45
2-Fluorobiphenyl
Concen: 80.251 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03



Tgt Ion:172 Resp: 610439
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 25.1 18.7 28.1

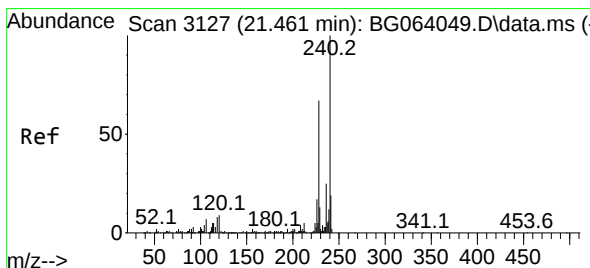
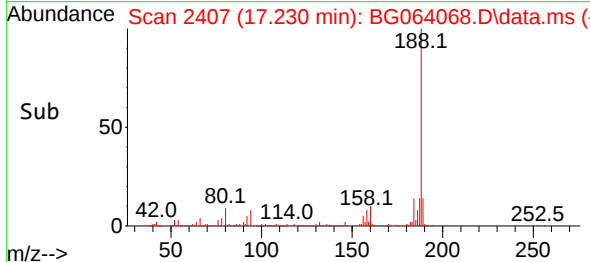
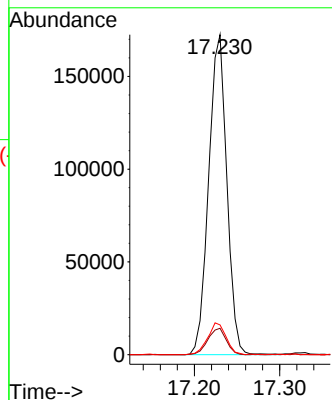
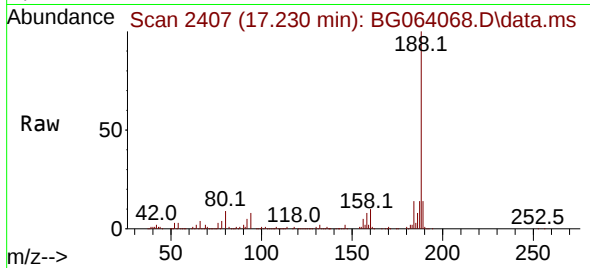




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.230 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

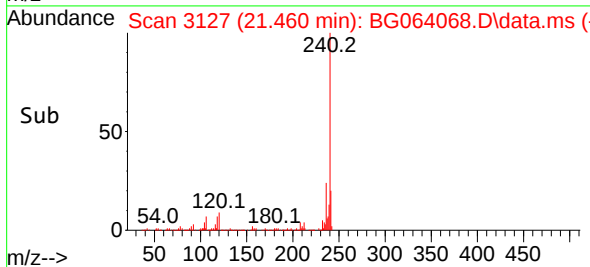
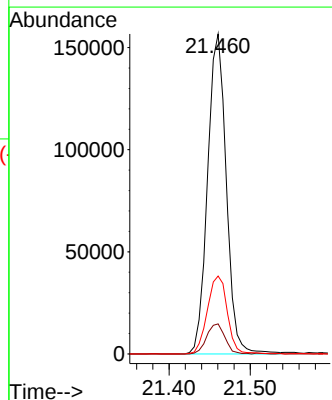
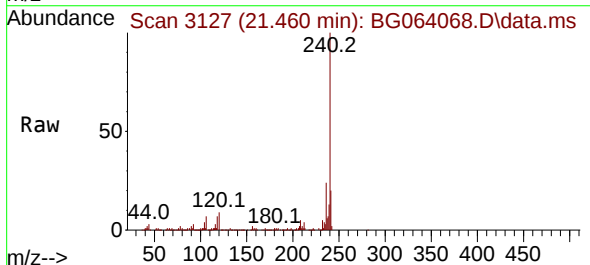
Instrument :
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ENV-103-GW01

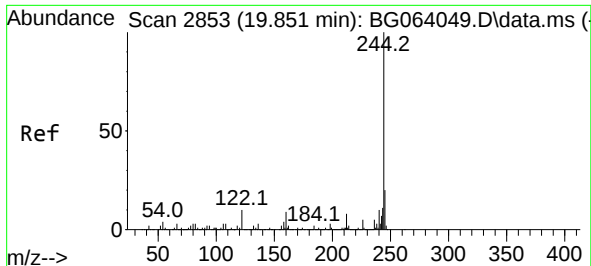
Tgt Ion:188 Resp: 254589
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.460 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG064068.D
Acq: 7 Mar 2025 21:03

Tgt Ion:240 Resp: 250403
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 24.4 20.2 30.2

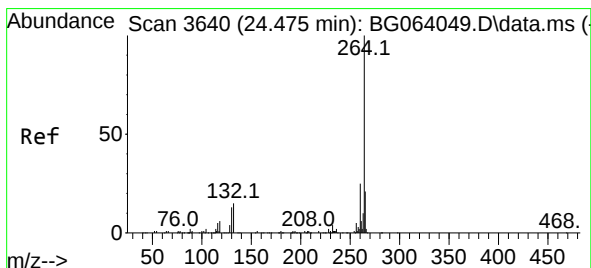
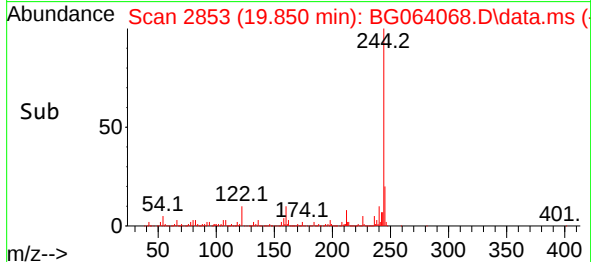
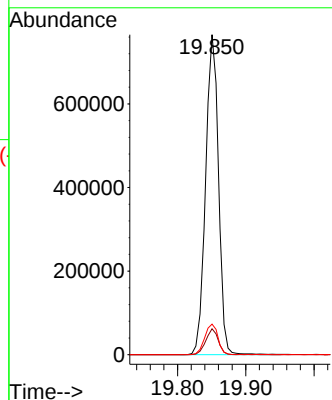
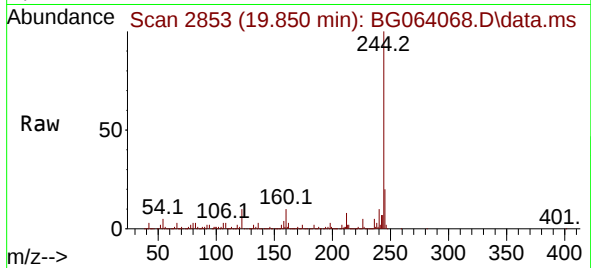




#79
 Terphenyl-d14
 Concen: 81.203 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG064068.D
 Acq: 7 Mar 2025 21:03

Instrument :
 BNA_G
 ClientSampleId :
 ENV-103-GW01

Tgt Ion:244 Resp: 1005608
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 9.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.474 min Scan# 3640
 Delta R.T. -0.000 min
 Lab File: BG064068.D
 Acq: 7 Mar 2025 21:03

Tgt Ion:264 Resp: 270468
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.6 29.4
 265 22.4 16.6 25.0

