

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064178.D
 Acq On : 3 Apr 2025 22:40
 Operator : RC/JU
 Sample : Q1690-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW112010

Quant Time: Apr 04 01:49:07 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	7.856	152	26545	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	122172	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	99976	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	228491	20.000	ng	0.00
76) Chrysene-d12	21.452	240	227158	20.000	ng	0.00
86) Perylene-d12	24.461	264	246565	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.989	112	60	0.035	ng	-0.46
7) Phenol-d6	7.034	99	61	0.026	ng	0.00
23) Nitrobenzene-d5	9.008	82	186184	84.216	ng	0.00
42) 2,4,6-Tribromophenol	15.636	330	61	0.055	ng	-0.34
45) 2-Fluorobiphenyl	13.109	172	505056	76.680	ng	0.00
79) Terphenyl-d14	19.842	244	981941	87.405	ng	0.00

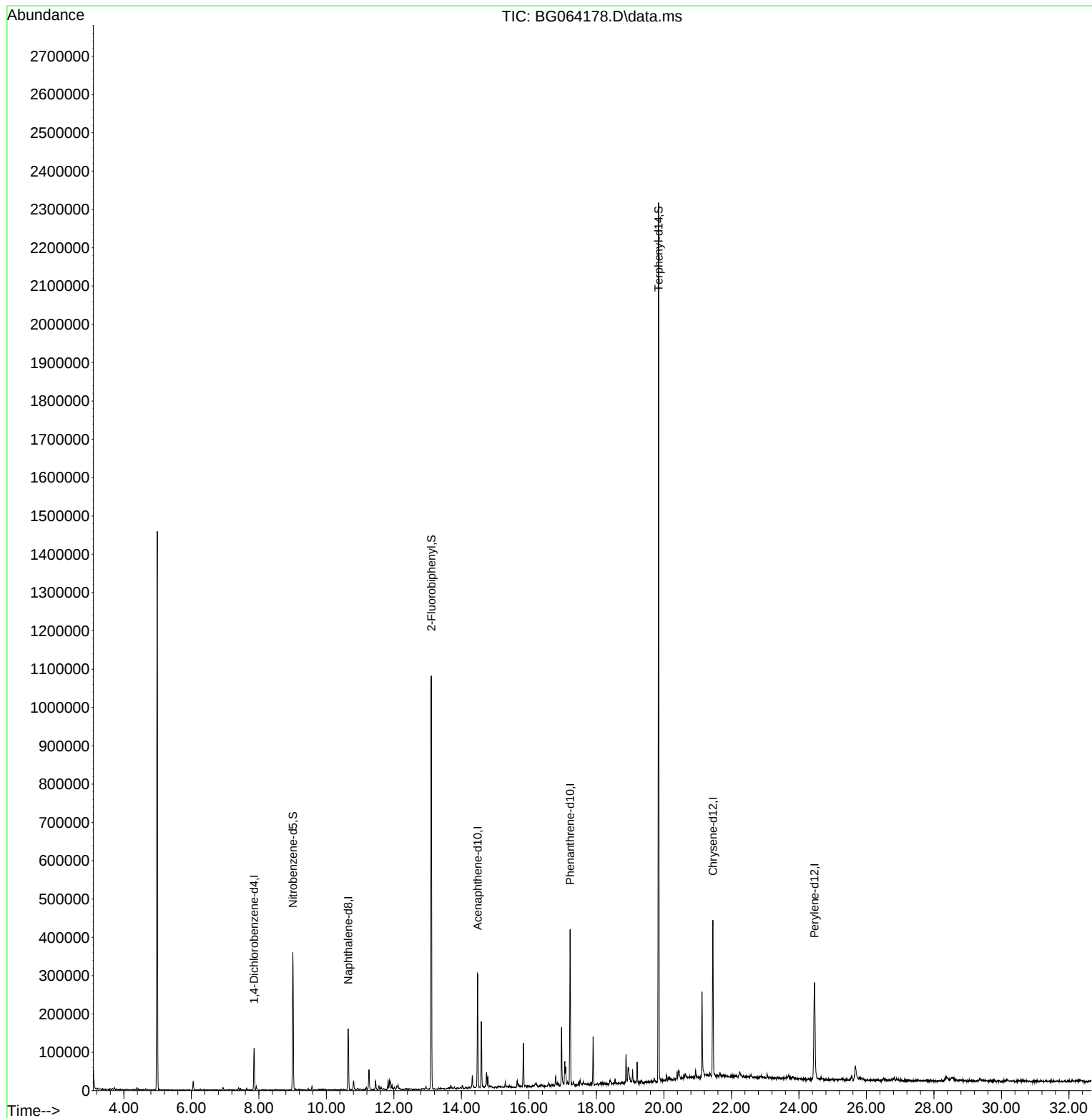
Target Compounds	Qvalue

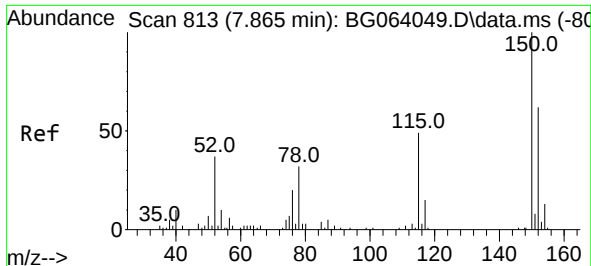
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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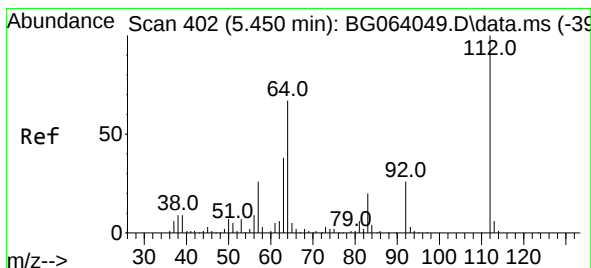
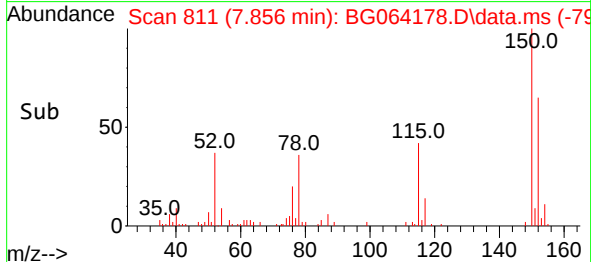
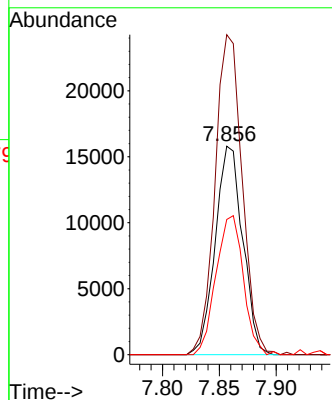
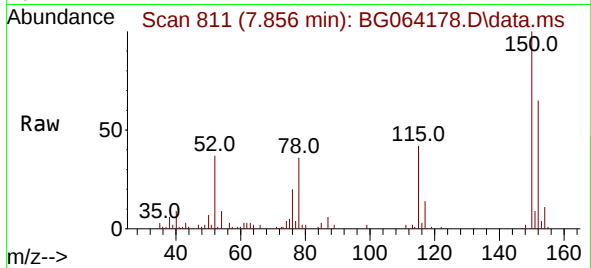




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

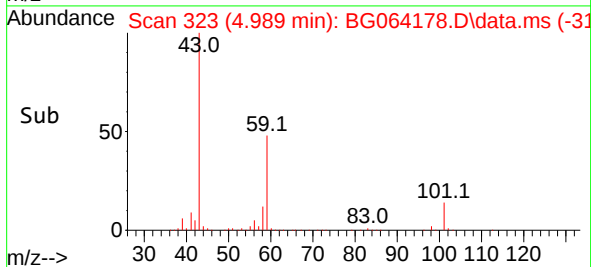
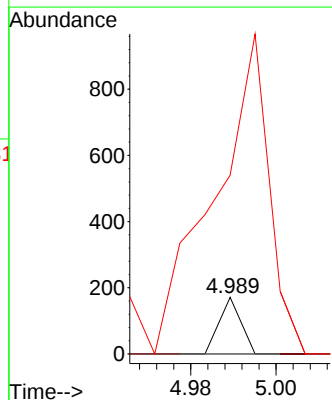
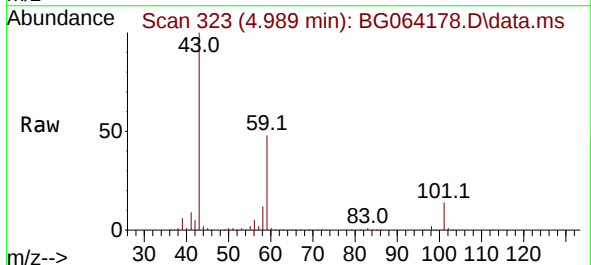
Instrument :
BNA_G
ClientSampleId :
MW112010

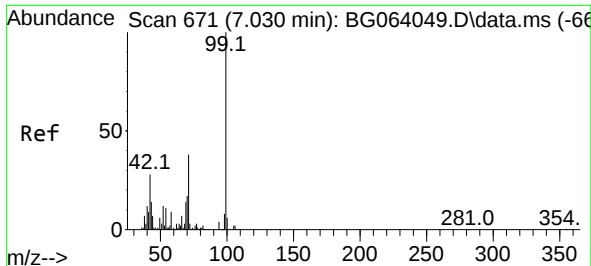
Tgt Ion:152 Resp: 26545
Ion Ratio Lower Upper
152 100
150 153.4 129.2 193.8
115 64.8 63.0 94.6



#5
2-Fluorophenol
Concen: 0.035 ng
RT: 4.989 min Scan# 323
Delta R.T. -0.461 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:112 Resp: 60
Ion Ratio Lower Upper
112 100
64 0.0 53.7 80.5#
63 315.8 30.2 45.4#

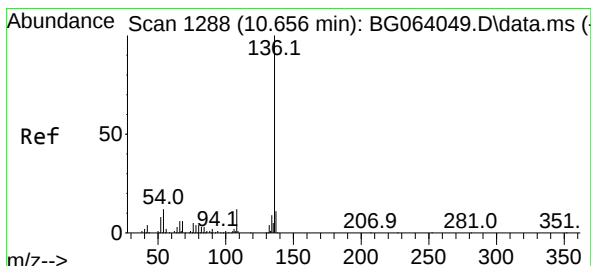
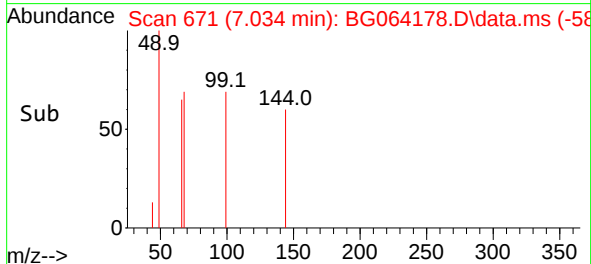
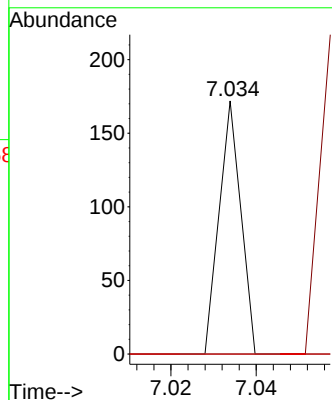
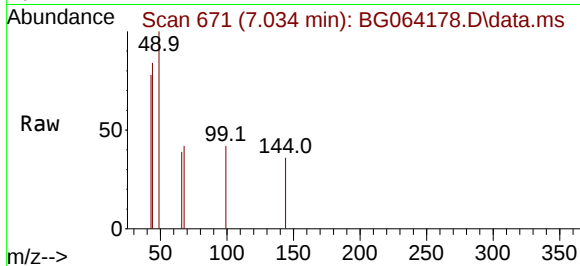




#7
Phenol-d6
Concen: 0.026 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

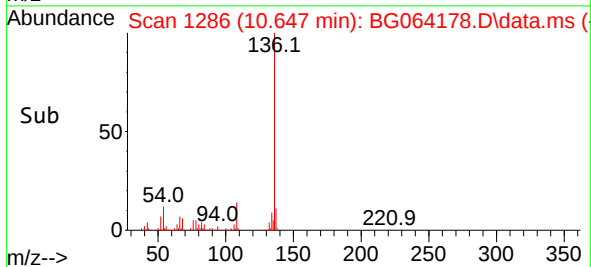
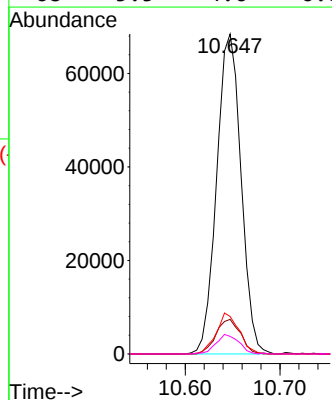
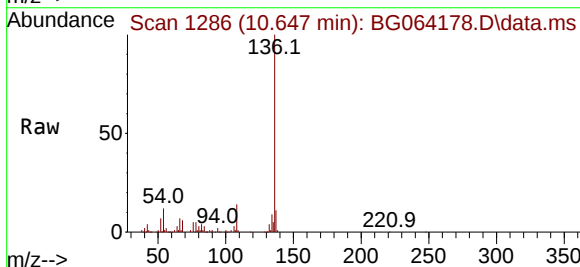
Instrument :
BNA_G
ClientSampleId :
MW112010

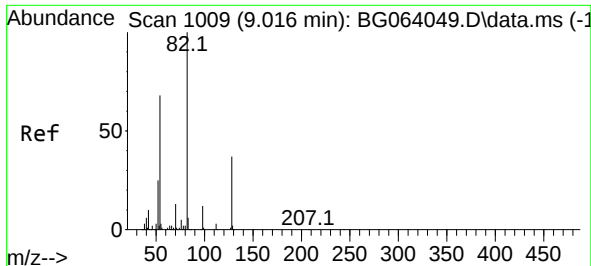
Tgt Ion: 99 Resp: 61
Ion Ratio Lower Upper
99 100
42 0.0 22.7 34.1#
71 0.0 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1286
Delta R.T. -0.009 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion: 136 Resp: 122172
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.7 9.9 14.9
68 5.5 4.6 6.8

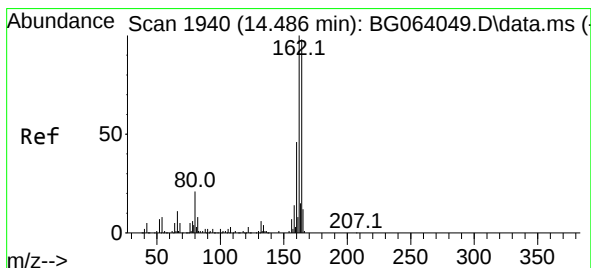
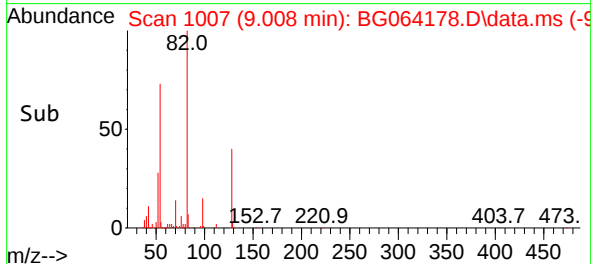
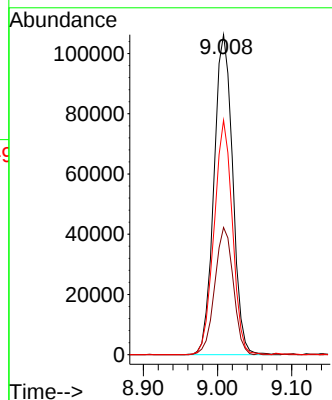
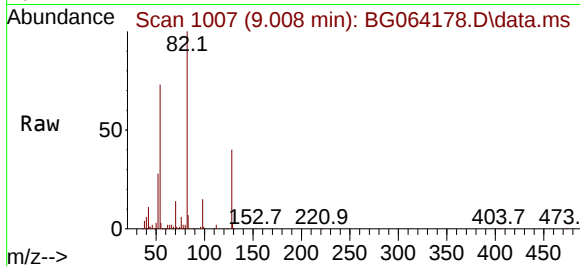




#23
Nitrobenzene-d5
Concen: 84.216 ng
RT: 9.008 min Scan# 1007
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

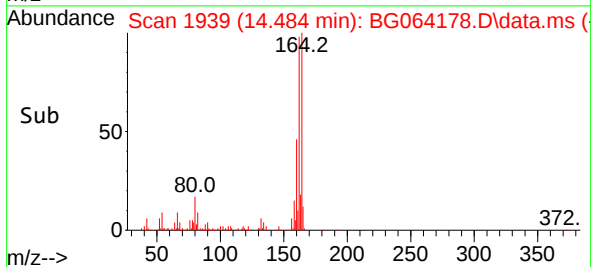
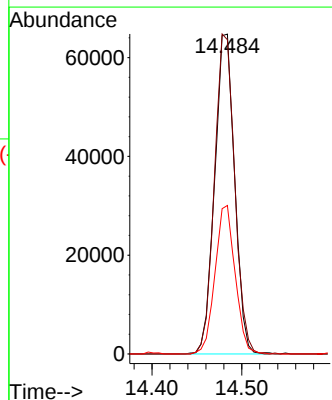
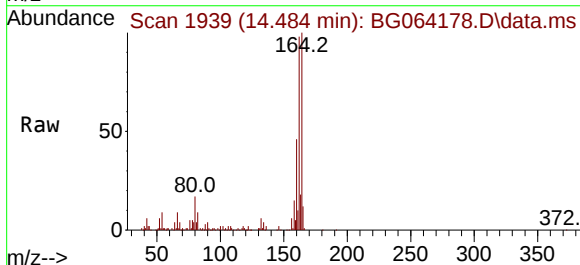
Instrument :
BNA_G
ClientSampleId :
MW112010

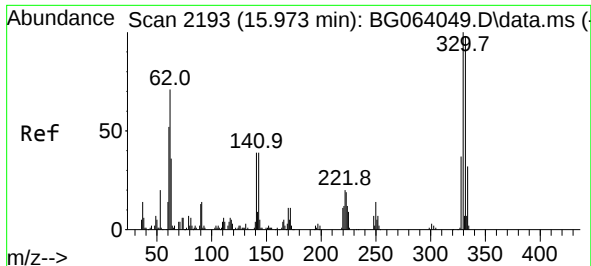
Tgt Ion: 82 Resp: 186184
Ion Ratio Lower Upper
82 100
128 39.7 30.0 45.0
54 73.3 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

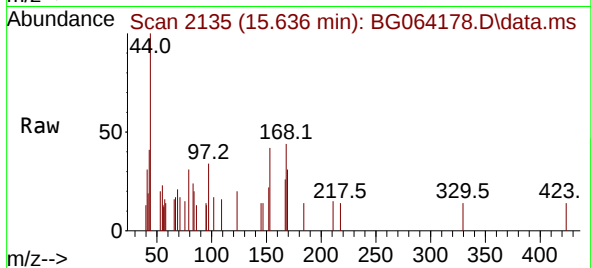
Tgt Ion:164 Resp: 99976
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 46.4 37.0 55.6



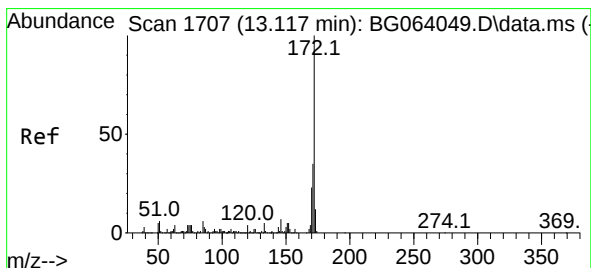
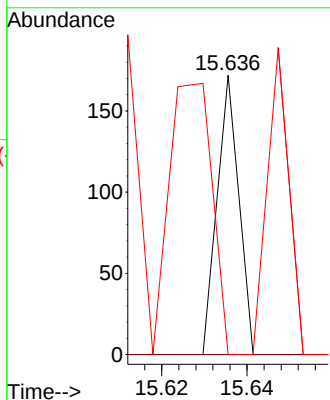
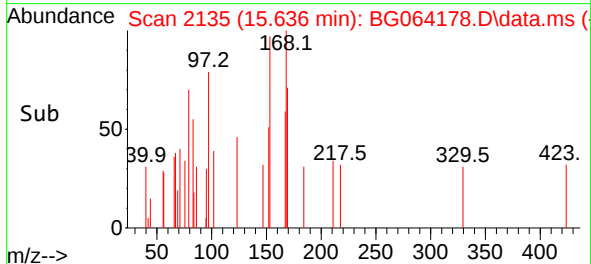


#42
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 15.636 min Scan# 2193
Delta R.T. -0.337 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Instrument :
BNA_G
ClientSampleId :
MW112010

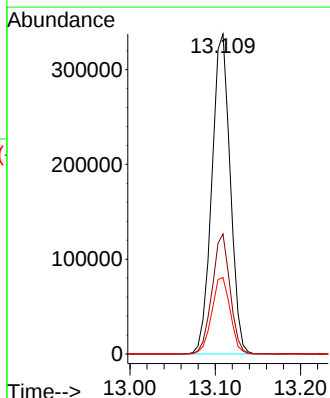
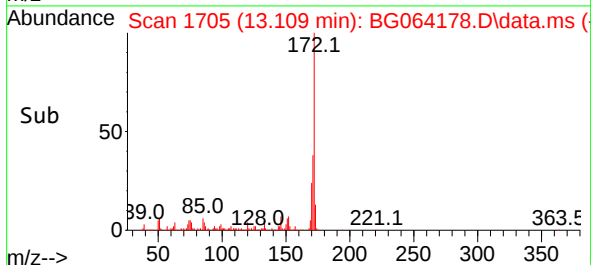
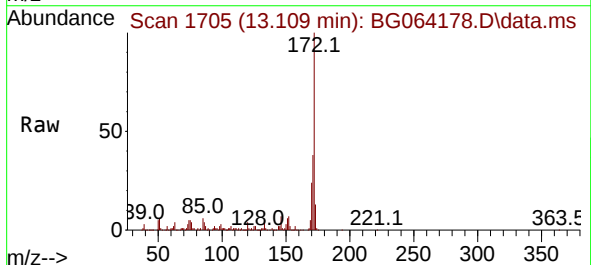


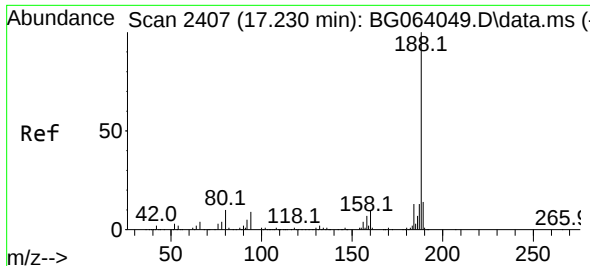
Tgt Ion:330 Resp: 61
Ion Ratio Lower Upper
330 100
332 0.0 76.7 115.1#
141 191.8 29.7 44.5#



#45
2-Fluorobiphenyl
Concen: 76.680 ng
RT: 13.109 min Scan# 1705
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:172 Resp: 505056
Ion Ratio Lower Upper
172 100
171 37.5 28.0 42.0
170 23.9 18.7 28.1

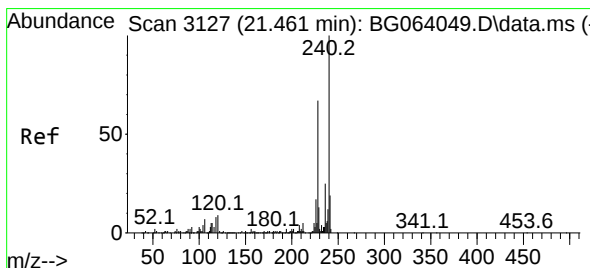
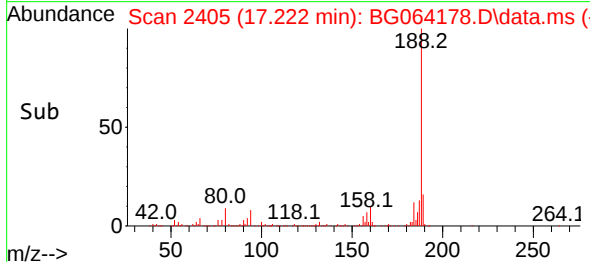
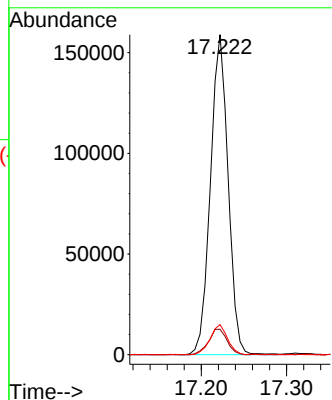
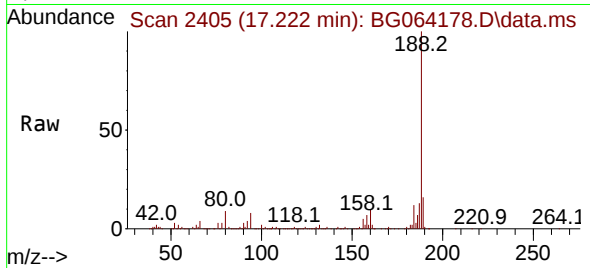




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

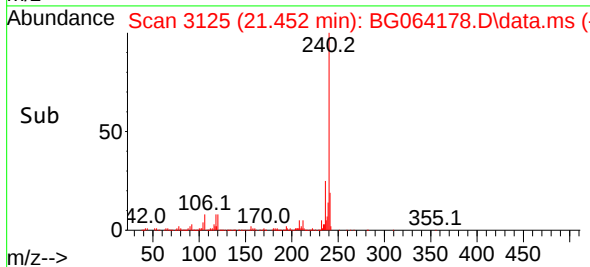
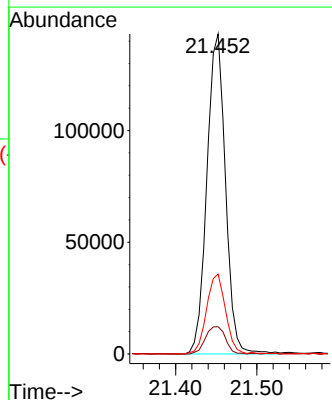
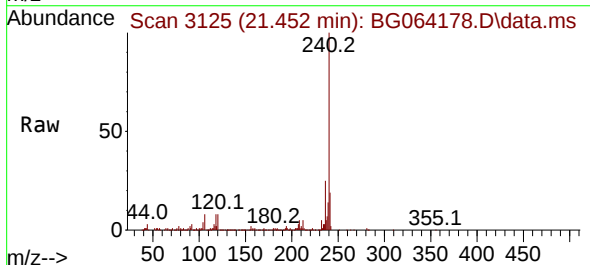
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BNA_G
ClientSampleId :
MW112010

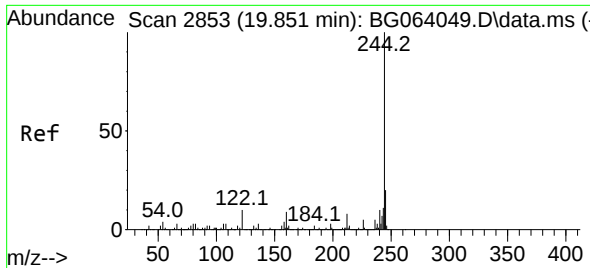
Tgt Ion:188 Resp: 228491
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BG064178.D
Acq: 3 Apr 2025 22:40

Tgt Ion:240 Resp: 227158
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 25.0 20.2 30.2

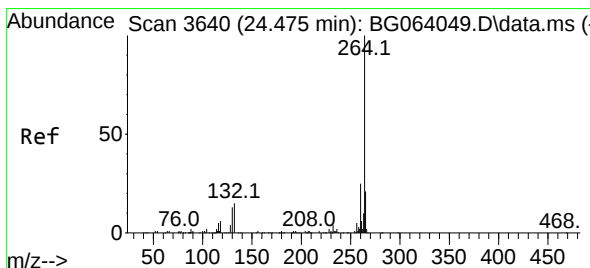
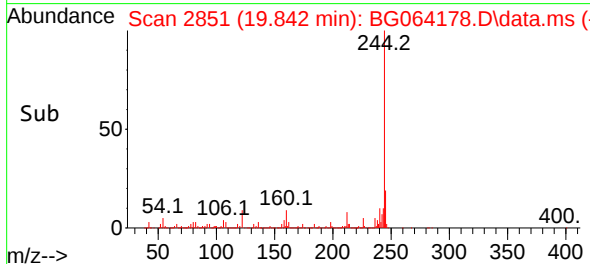
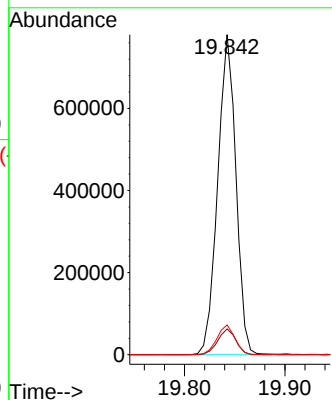
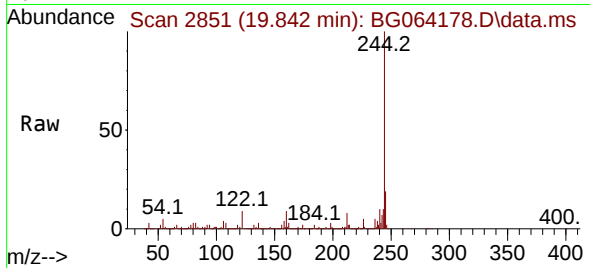




#79
 Terphenyl-d14
 Concen: 87.405 ng
 RT: 19.842 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG064178.D
 Acq: 3 Apr 2025 22:40

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 981941
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 9.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.461 min Scan# 3637
 Delta R.T. -0.014 min
 Lab File: BG064178.D
 Acq: 3 Apr 2025 22:40

Tgt Ion:264 Resp: 246565
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.7 16.6 25.0

