

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064043.D
 Acq On : 3 Mar 2025 18:20
 Operator : RC/JU
 Sample : PB166879TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB166879TB

Quant Time: Mar 04 08:30:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 08:17:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	28585	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	121957	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	85871	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	240159	20.000	ng	0.00
76) Chrysene-d12	21.455	240	253410	20.000	ng	0.00
86) Perylene-d12	24.475	264	262851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	261529	156.919	ng	0.00
7) Phenol-d6	7.025	99	337468	143.546	ng	0.00
23) Nitrobenzene-d5	9.011	82	214391	102.172	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	145653	148.541	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	507777	89.965	ng	0.00
79) Terphenyl-d14	19.851	244	1221481	97.837	ng	0.00

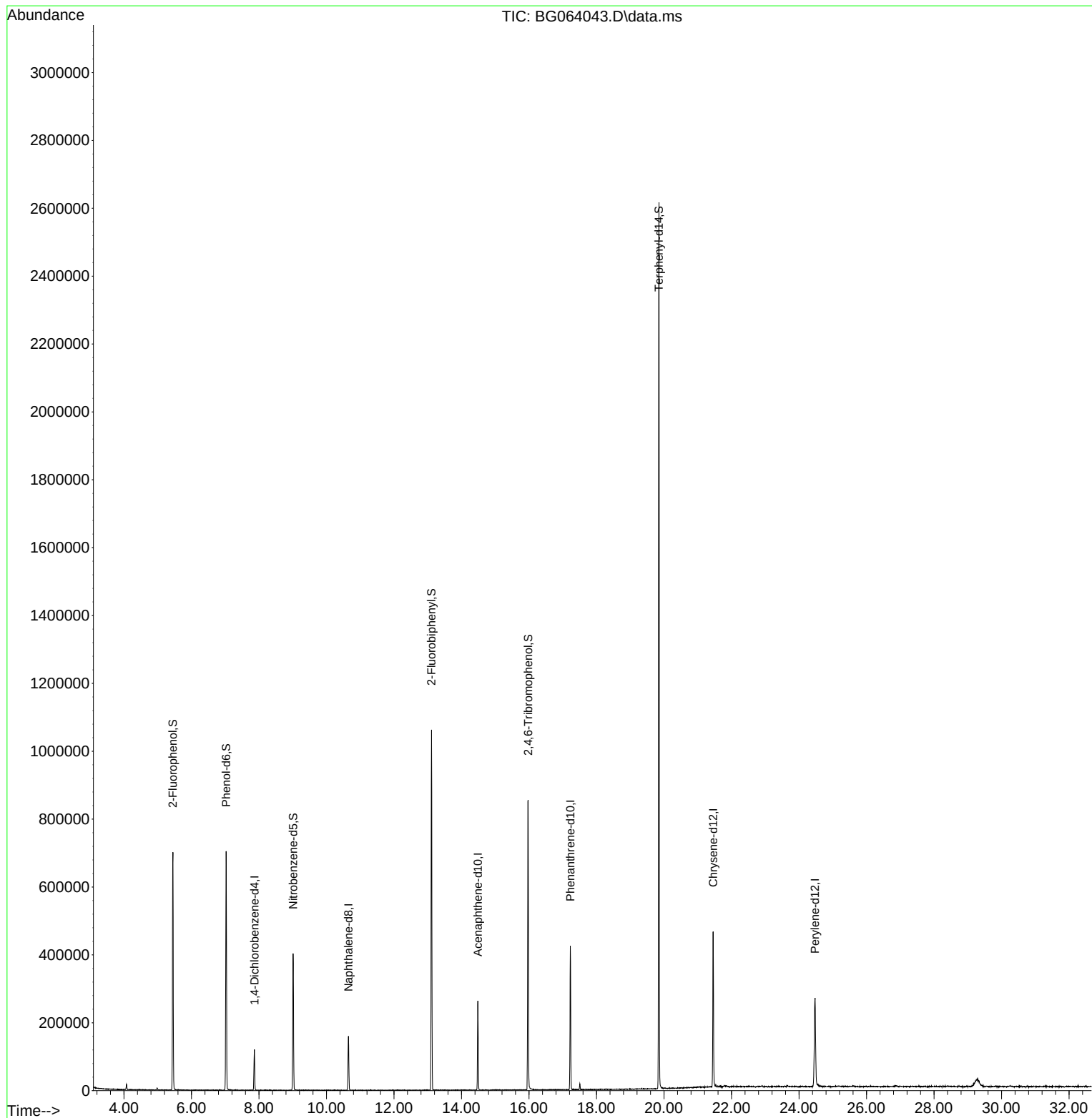
Target Compounds	Qvalue

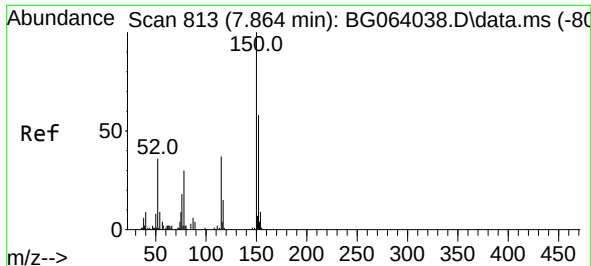
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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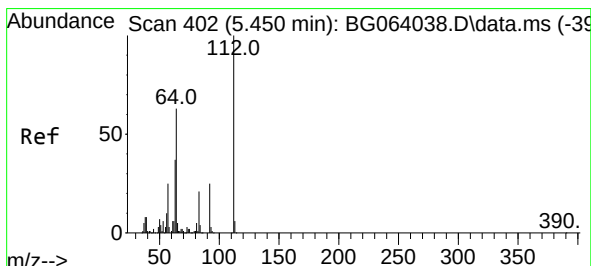
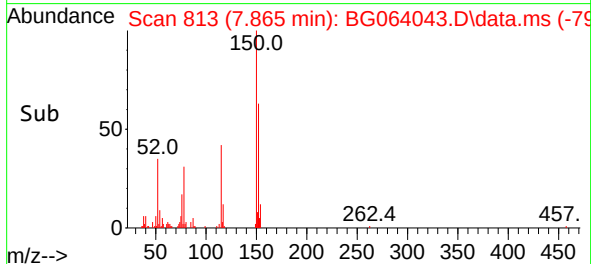
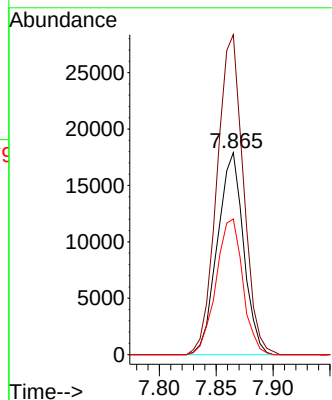
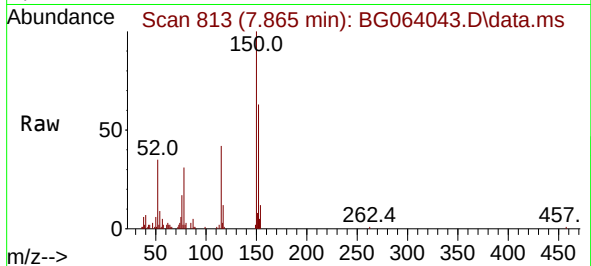




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 813
Delta R.T. 0.001 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

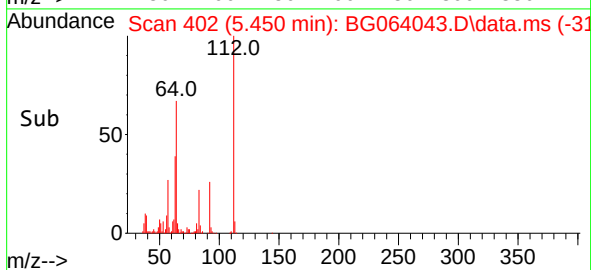
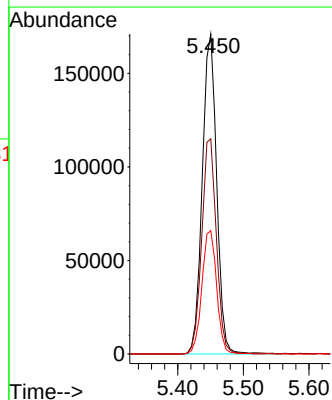
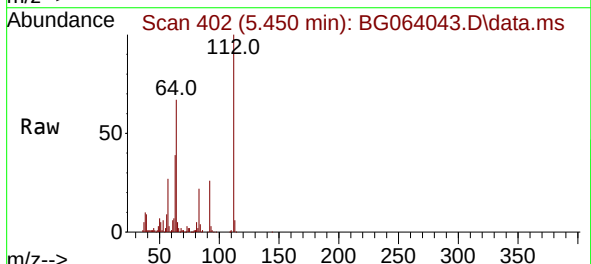
Instrument :
BNA_G
ClientSampleId :
PB166879TB

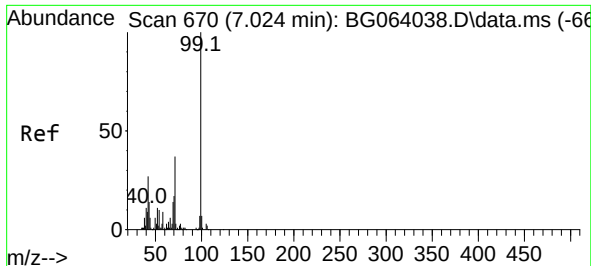
Tgt Ion:152 Resp: 28585
Ion Ratio Lower Upper
152 100
150 158.4 137.7 206.5
115 67.2 51.4 77.2



#5
2-Fluorophenol
Concen: 156.919 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Tgt Ion:112 Resp: 261529
Ion Ratio Lower Upper
112 100
64 67.2 50.5 75.7
63 38.5 29.8 44.6

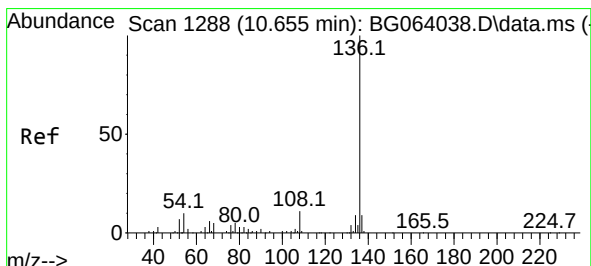
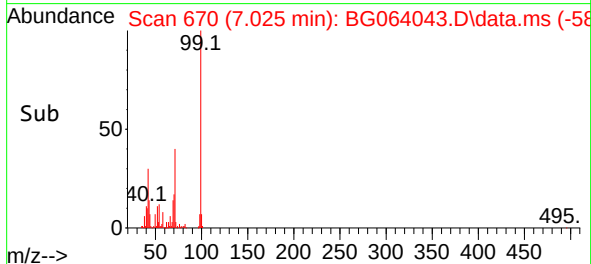
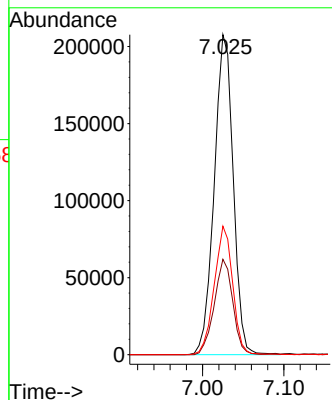
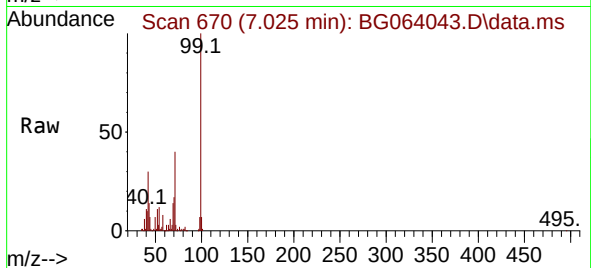




#7
Phenol-d6
Concen: 143.546 ng
RT: 7.025 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

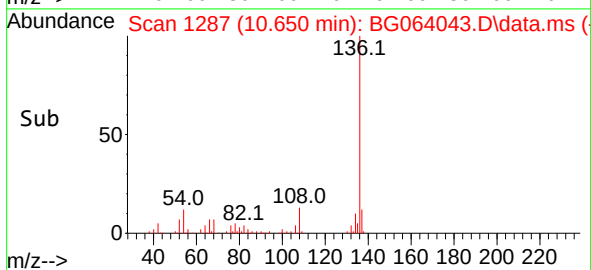
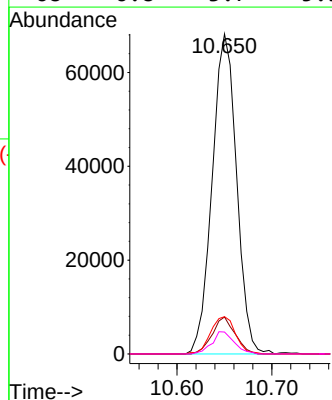
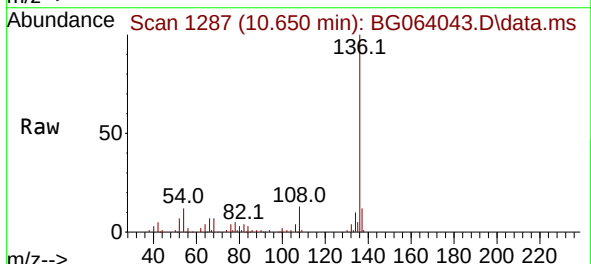
Instrument :
BNA_G
ClientSampleId :
PB166879TB

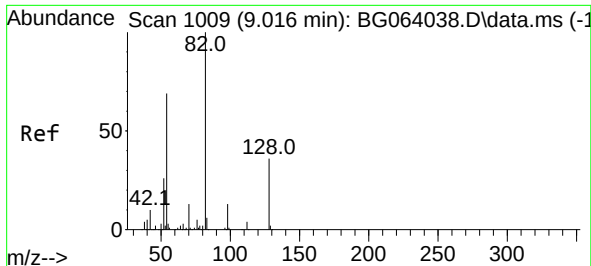
Tgt Ion: 99 Resp: 337468
Ion Ratio Lower Upper
99 100
42 29.8 21.9 32.9
71 40.2 29.5 44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Tgt Ion: 136 Resp: 121957
Ion Ratio Lower Upper
136 100
137 11.6 7.3 10.9#
54 11.6 8.2 12.4
68 6.8 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 102.172 ng

RT: 9.011 min Scan# 1009

Delta R.T. -0.005 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

Instrument :

BNA_G

ClientSampleId :

PB166879TB

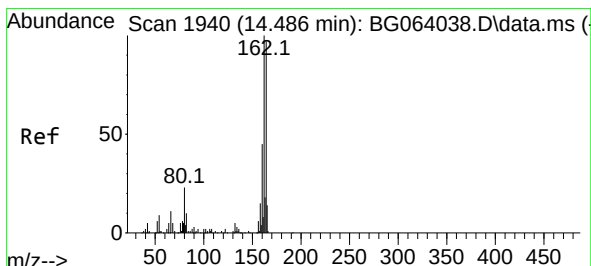
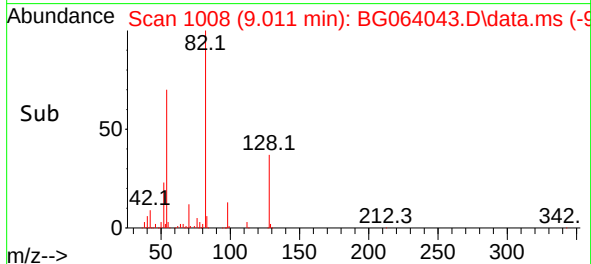
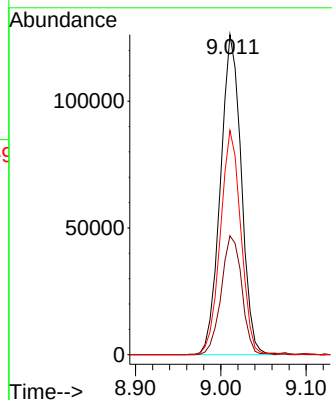
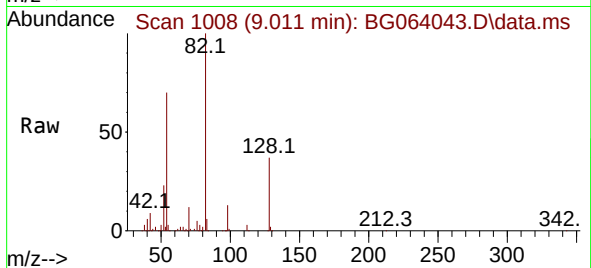
Tgt Ion: 82 Resp: 214391

Ion Ratio Lower Upper

82 100

128 37.2 28.3 42.5

54 70.0 55.4 83.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.487 min Scan# 1940

Delta R.T. 0.001 min

Lab File: BG064043.D

Acq: 3 Mar 2025 18:20

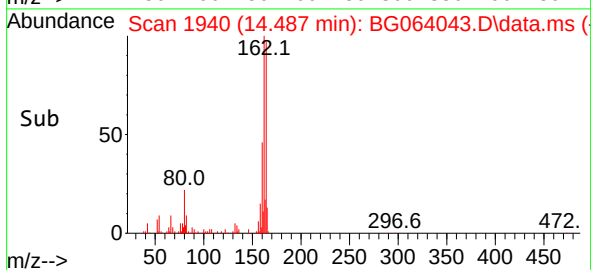
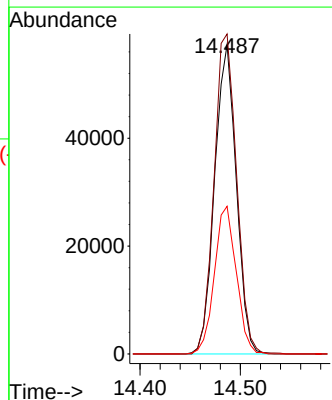
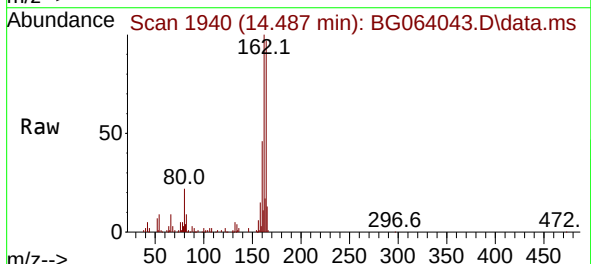
Tgt Ion:164 Resp: 85871

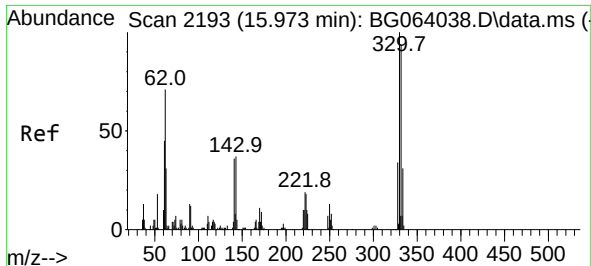
Ion Ratio Lower Upper

164 100

162 103.5 82.7 124.1

160 47.7 37.4 56.0

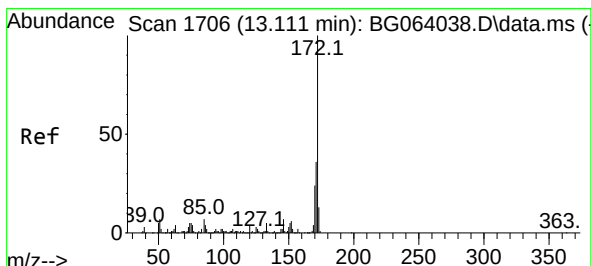
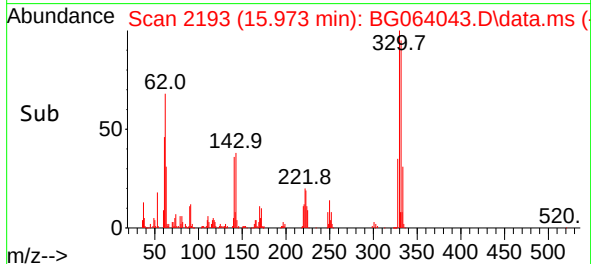
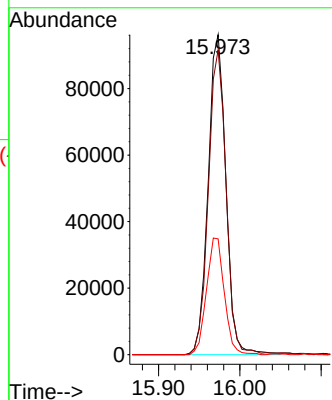
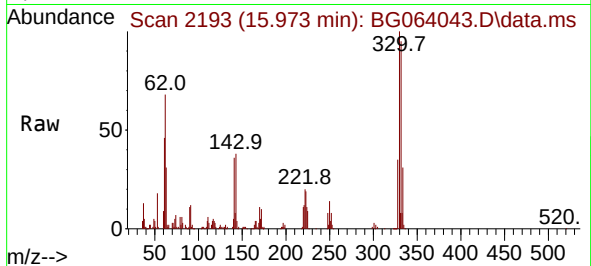




#42
2,4,6-Tribromophenol
Concen: 148.541 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

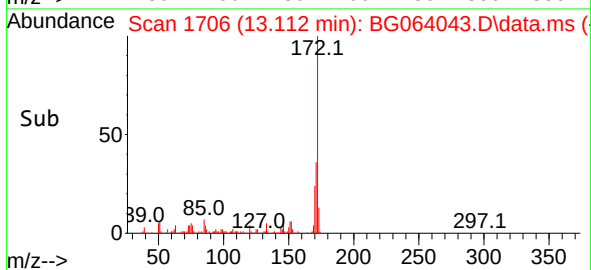
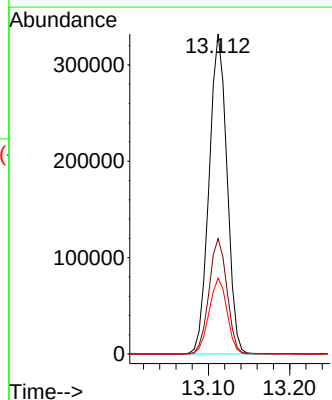
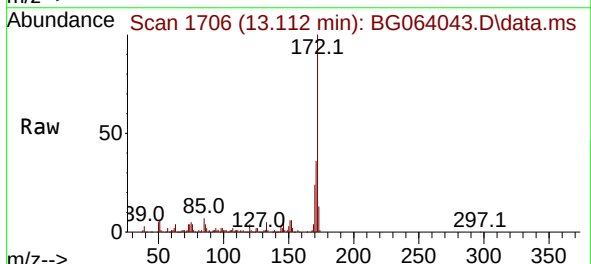
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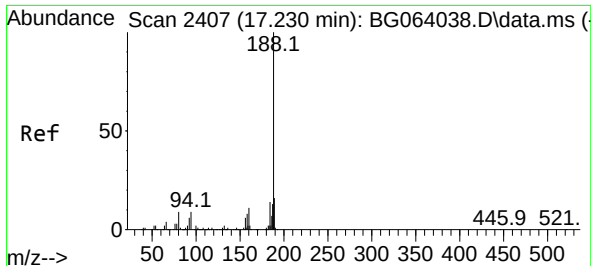
Tgt Ion:330 Resp: 145653
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 36.6 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 89.965 ng
RT: 13.112 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Tgt Ion:172 Resp: 507777
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.7 19.5 29.3

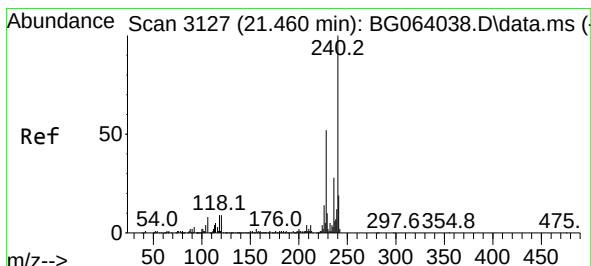
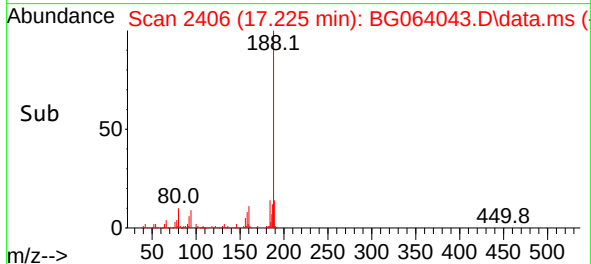
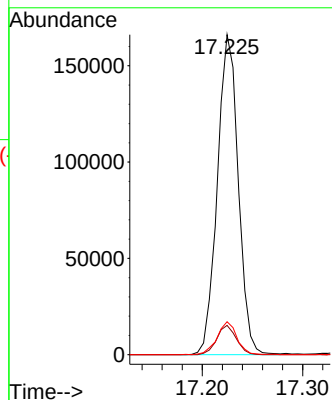
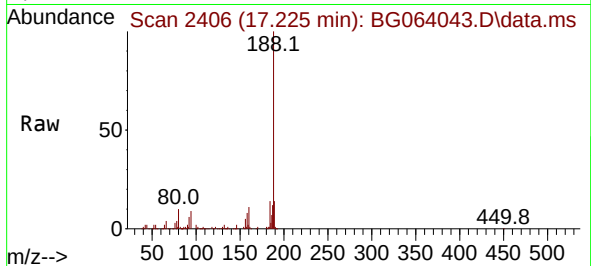




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

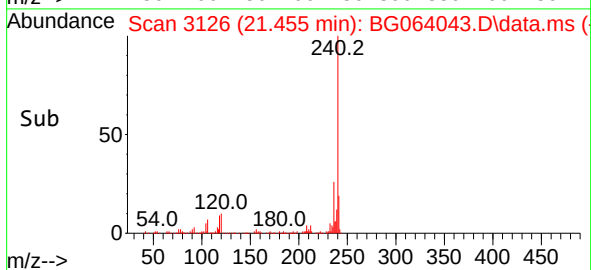
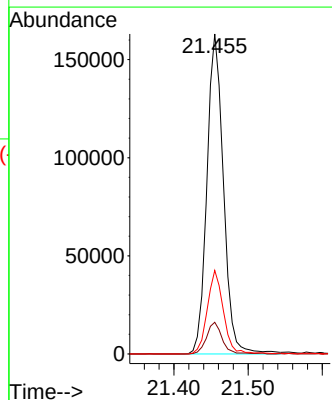
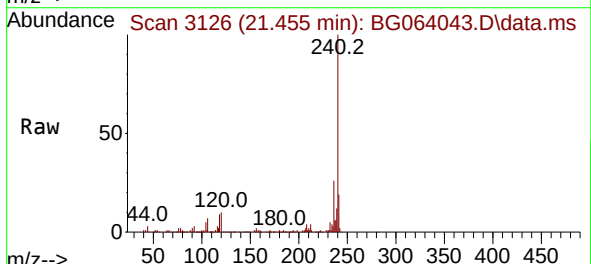
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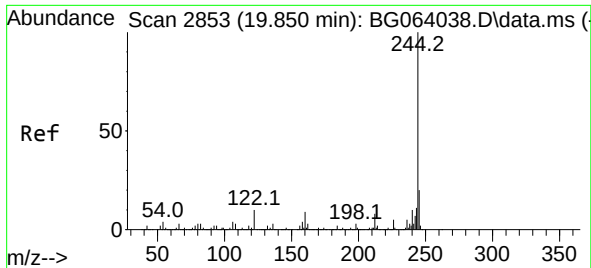
Tgt Ion:188 Resp: 240159
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 10.3 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.005 min
Lab File: BG064043.D
Acq: 3 Mar 2025 18:20

Tgt Ion:240 Resp: 253410
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 26.1 22.0 33.0

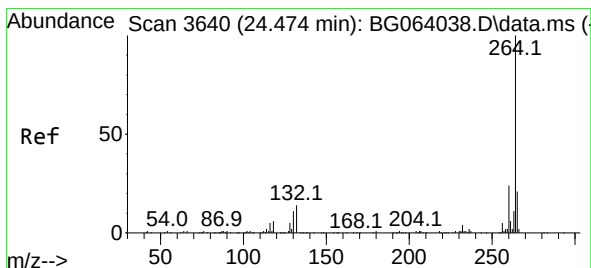
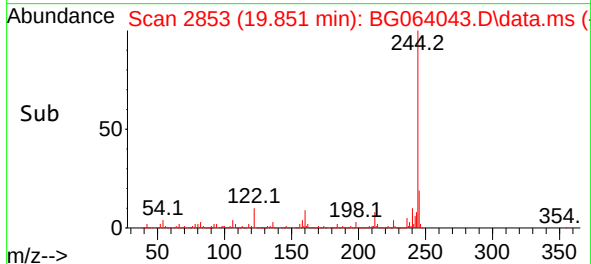
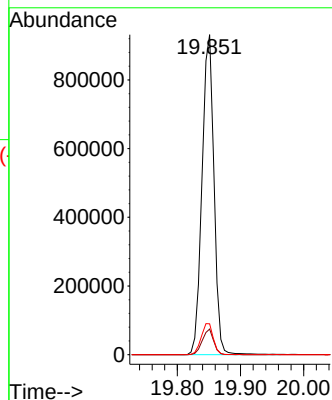
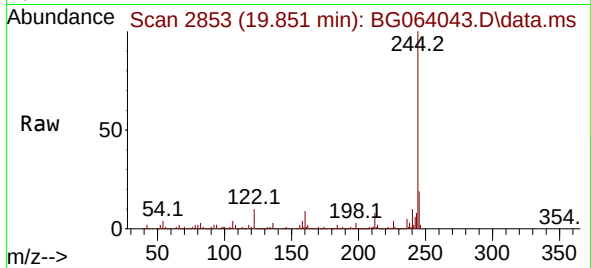




#79
 Terphenyl-d14
 Concen: 97.837 ng
 RT: 19.851 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG064043.D
 Acq: 3 Mar 2025 18:20

Instrument :
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 ClientSampleId :
 PB166879TB

Tgt Ion:244 Resp: 1221481
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.475 min Scan# 3640
 Delta R.T. 0.001 min
 Lab File: BG064043.D
 Acq: 3 Mar 2025 18:20

Tgt Ion:264 Resp: 262851
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 22.2 17.2 25.8

