

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064142.D
 Acq On : 1 Apr 2025 19:45
 Operator : RC/JU
 Sample : Q1664-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-006-01

Quant Time: Apr 02 01:36:11 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	7.859	152	34864	20.000	ng	# 0.00
21) Naphthalene-d8	10.644	136	141203	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	96364	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	230878	20.000	ng	0.00
76) Chrysene-d12	21.449	240	262499	20.000	ng	-0.01
86) Perylene-d12	24.457	264	281469	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	142284	63.724	ng	0.00
7) Phenol-d6	7.019	99	116098	38.222	ng	-0.01
23) Nitrobenzene-d5	9.011	82	304923	119.336	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	220341	205.704	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	689364	108.585	ng	-0.01
79) Terphenyl-d14	19.845	244	1366621	105.269	ng	0.00

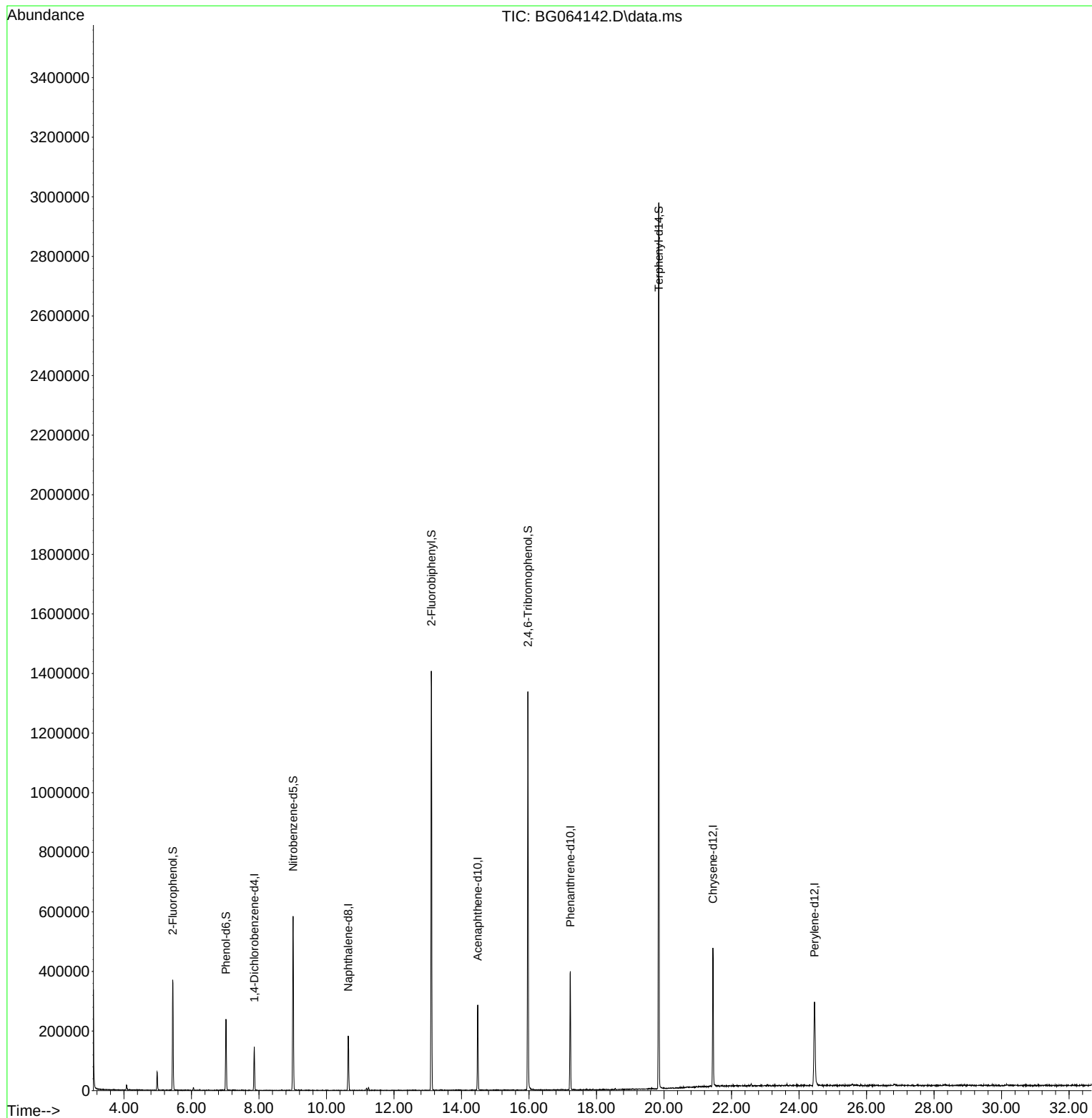
Target Compounds	Qvalue

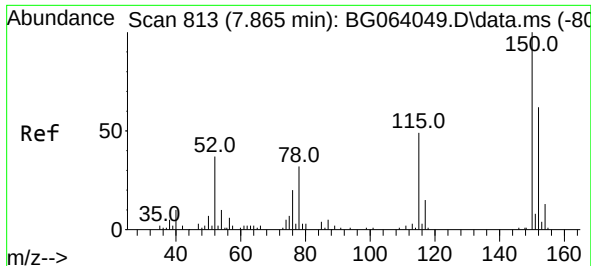
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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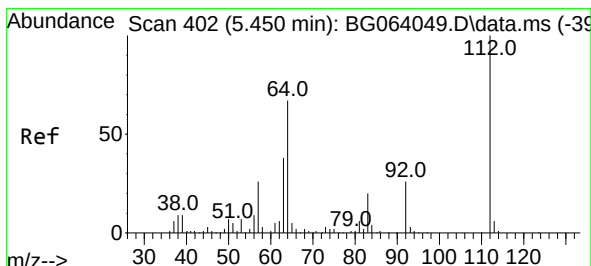
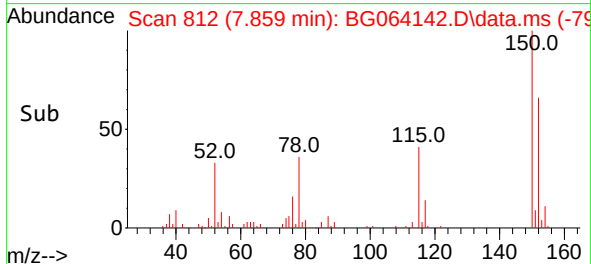
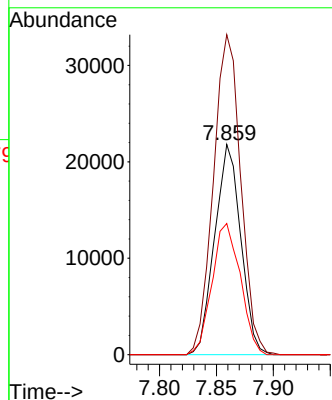
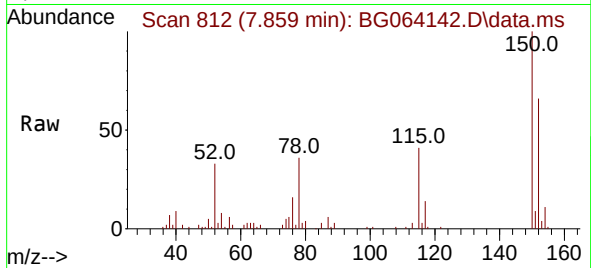




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

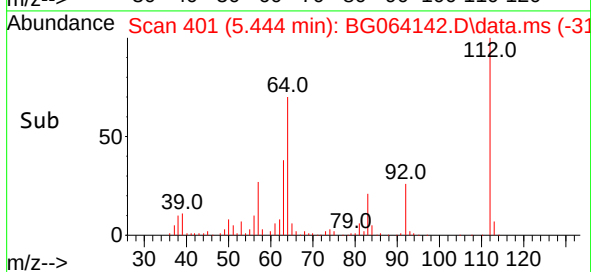
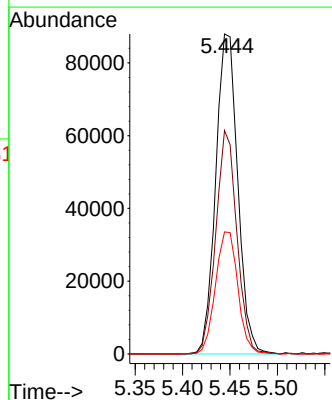
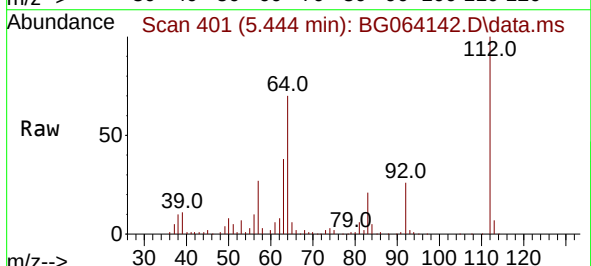
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

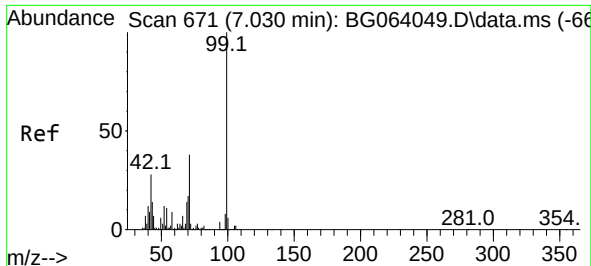
Tgt Ion:152 Resp: 34864
Ion Ratio Lower Upper
152 100
150 152.3 129.2 193.8
115 62.4 63.0 94.6#



#5
2-Fluorophenol
Concen: 63.724 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:112 Resp: 142284
Ion Ratio Lower Upper
112 100
64 69.8 53.7 80.5
63 38.1 30.2 45.4

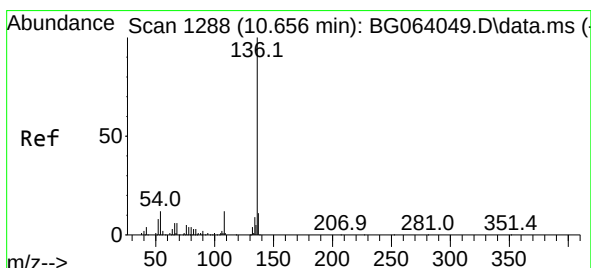
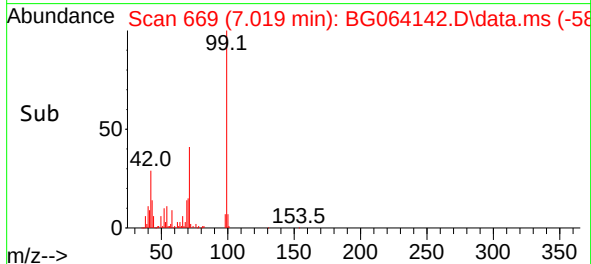
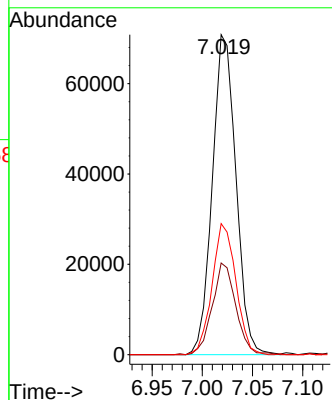
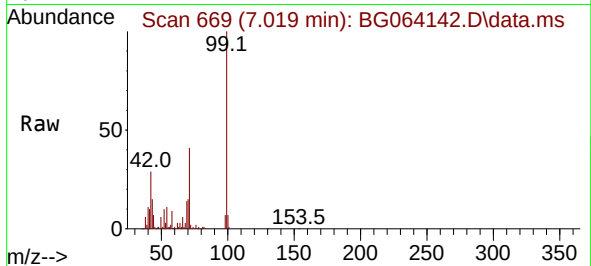




#7
Phenol-d6
Concen: 38.222 ng
RT: 7.019 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

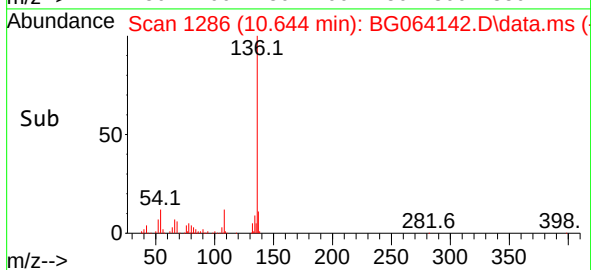
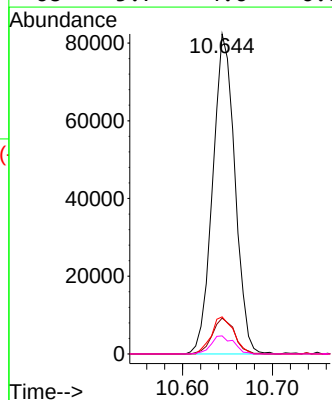
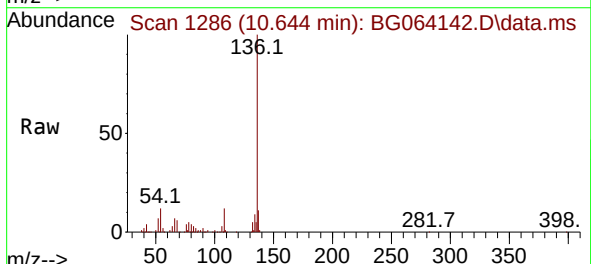
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

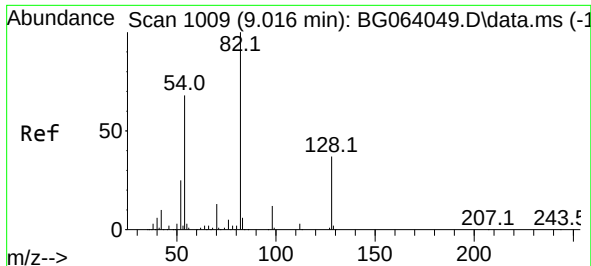
Tgt Ion: 99 Resp: 116098
Ion Ratio Lower Upper
99 100
42 28.7 22.7 34.1
71 40.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion: 136 Resp: 141203
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.6 9.9 14.9
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 119.336 ng

RT: 9.011 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG064142.D

Acq: 1 Apr 2025 19:45

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-006-01

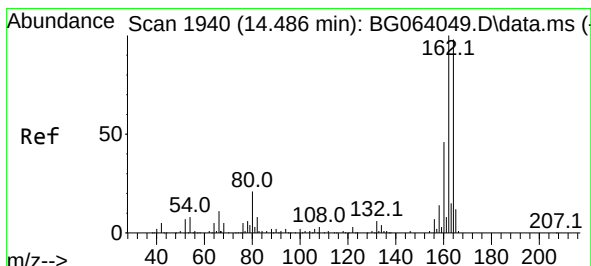
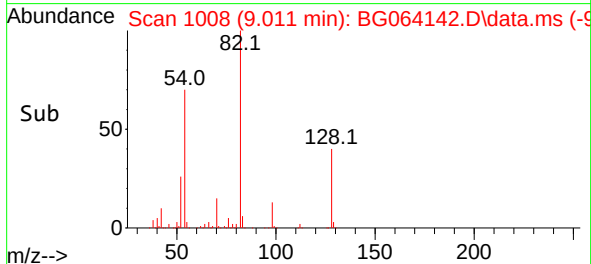
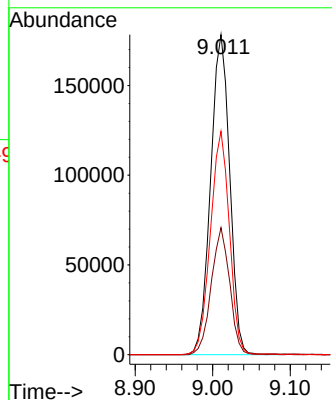
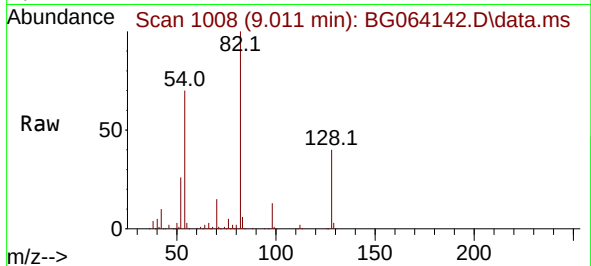
Tgt Ion: 82 Resp: 304923

Ion Ratio Lower Upper

82 100

128 39.7 30.0 45.0

54 69.8 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BG064142.D

Acq: 1 Apr 2025 19:45

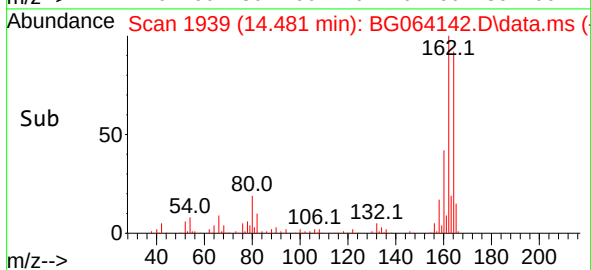
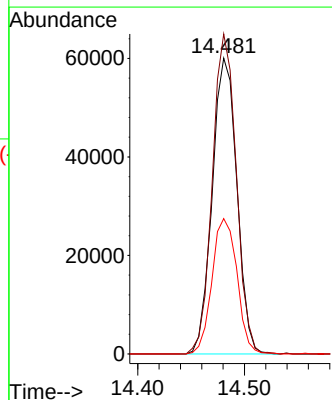
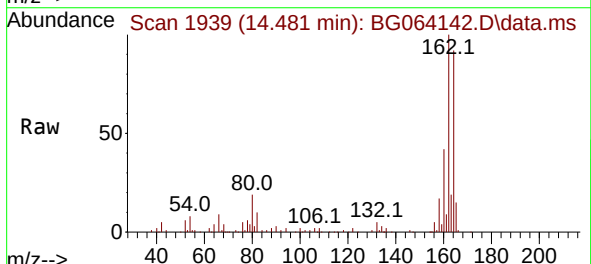
Tgt Ion: 164 Resp: 96364

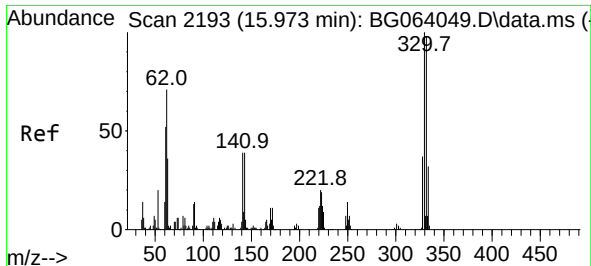
Ion Ratio Lower Upper

164 100

162 108.2 81.4 122.0

160 45.7 37.0 55.6

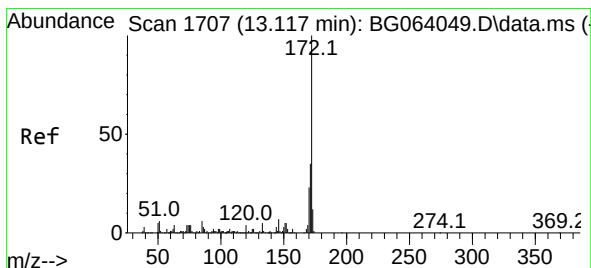
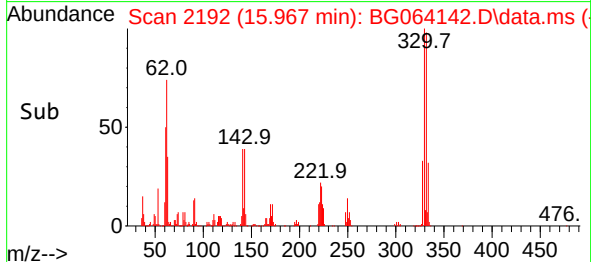
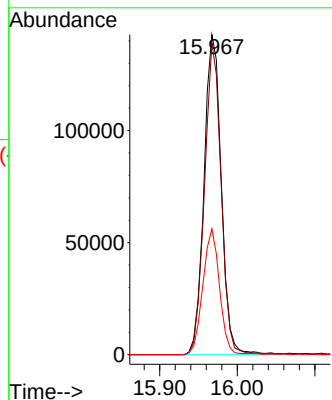
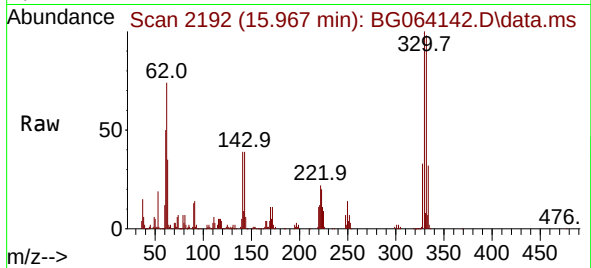




#42
2,4,6-Tribromophenol
Concen: 205.704 ng
RT: 15.967 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

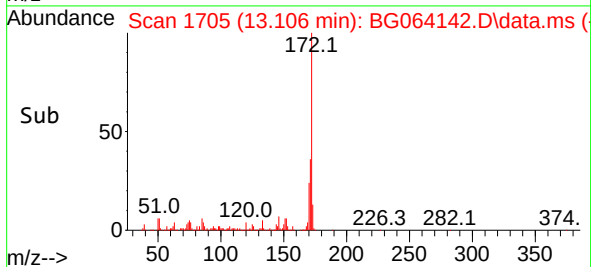
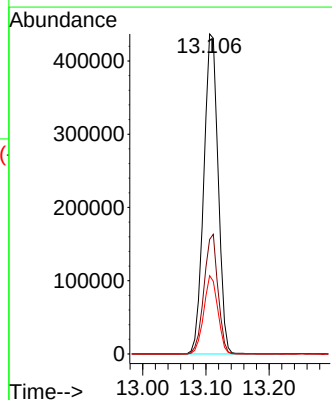
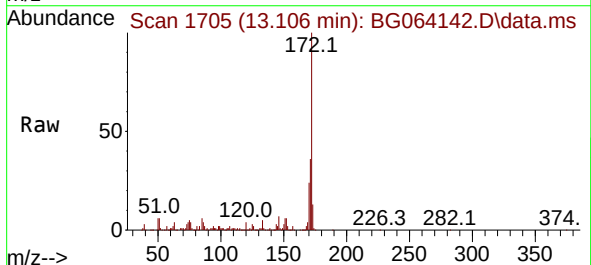
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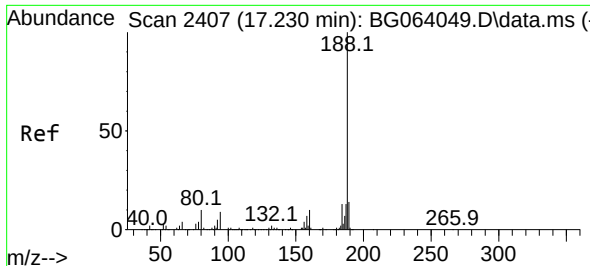
Tgt Ion:330 Resp: 220341
Ion Ratio Lower Upper
330 100
332 93.3 76.7 115.1
141 38.1 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 108.585 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:172 Resp: 689364
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 24.4 18.7 28.1

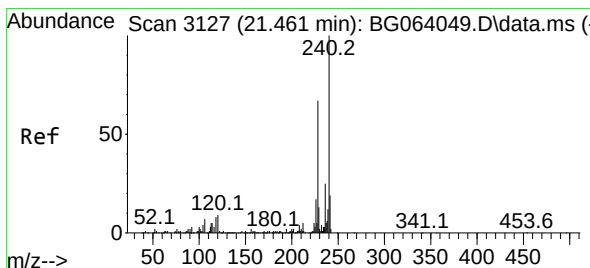
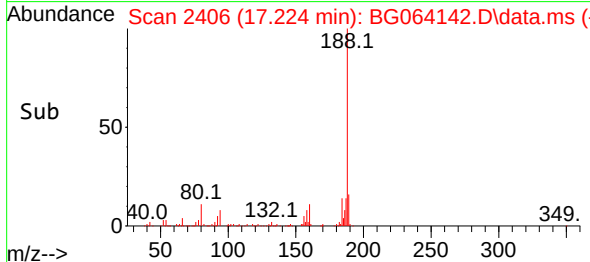
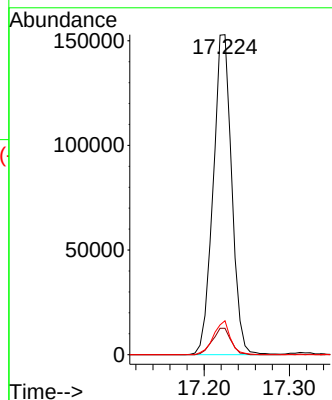
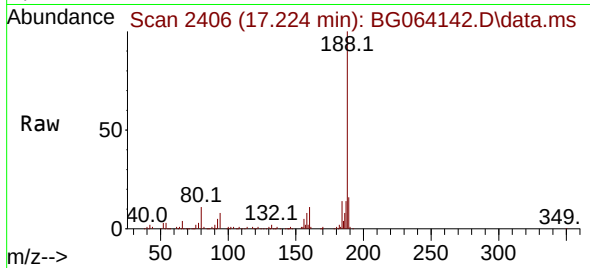




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

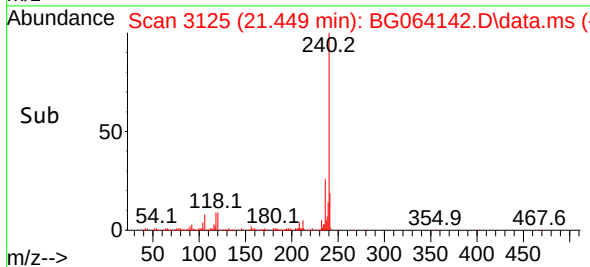
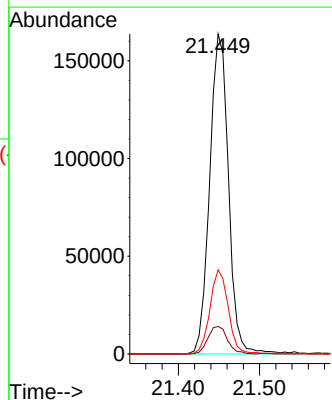
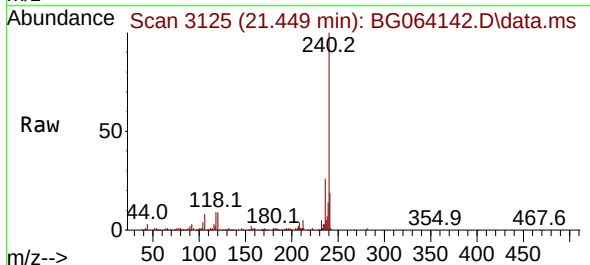
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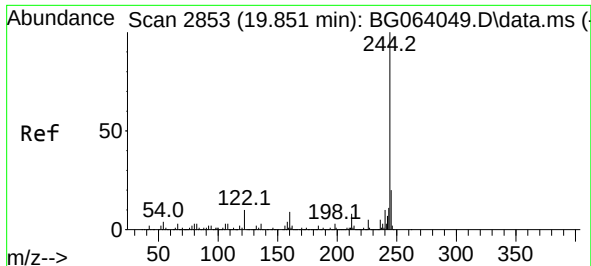
Tgt Ion:188 Resp: 230878
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 10.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:240 Resp: 262499
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 26.3 20.2 30.2

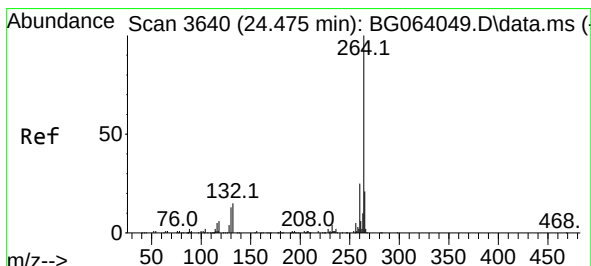
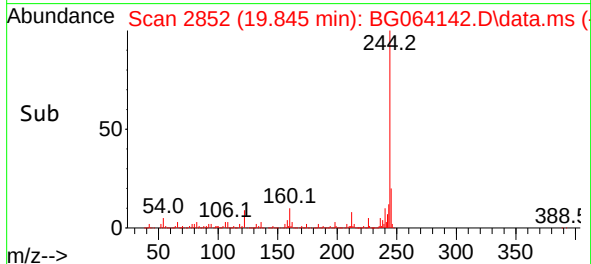
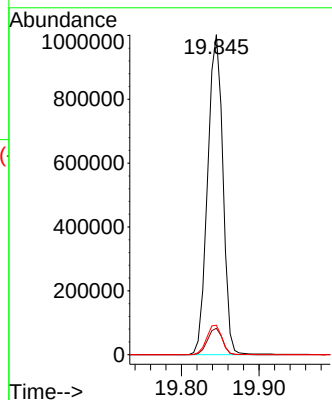
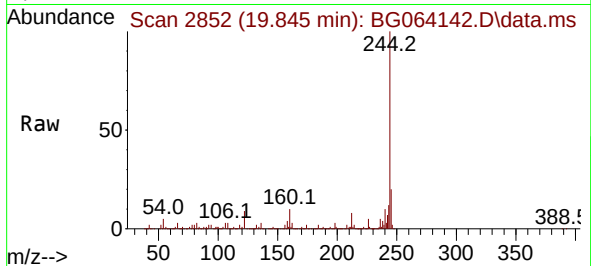




#79
 Terphenyl-d14
 Concen: 105.269 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064142.D
 Acq: 1 Apr 2025 19:45

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-006-01

Tgt Ion:244 Resp: 1366621
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 9.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.457 min Scan# 3637
 Delta R.T. -0.017 min
 Lab File: BG064142.D
 Acq: 1 Apr 2025 19:45

Tgt Ion:264 Resp: 281469
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.6 29.4
 265 22.2 16.6 25.0

