

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064138.D
 Acq On : 1 Apr 2025 17:04
 Operator : RC/JU
 Sample : Q1664-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-002-01

Quant Time: Apr 01 17:47:33 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	32858	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	138416	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	91944	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	218786	20.000	ng	0.00
76) Chrysene-d12	21.449	240	249872	20.000	ng	#-0.01
86) Perylene-d12	24.463	264	272575	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	129446	61.514	ng	0.00
7) Phenol-d6	7.025	99	99786	34.857	ng	0.00
23) Nitrobenzene-d5	9.011	82	295610	118.021	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	208650	204.154	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	657467	108.540	ng	0.00
79) Terphenyl-d14	19.845	244	1322188	106.993	ng	0.00

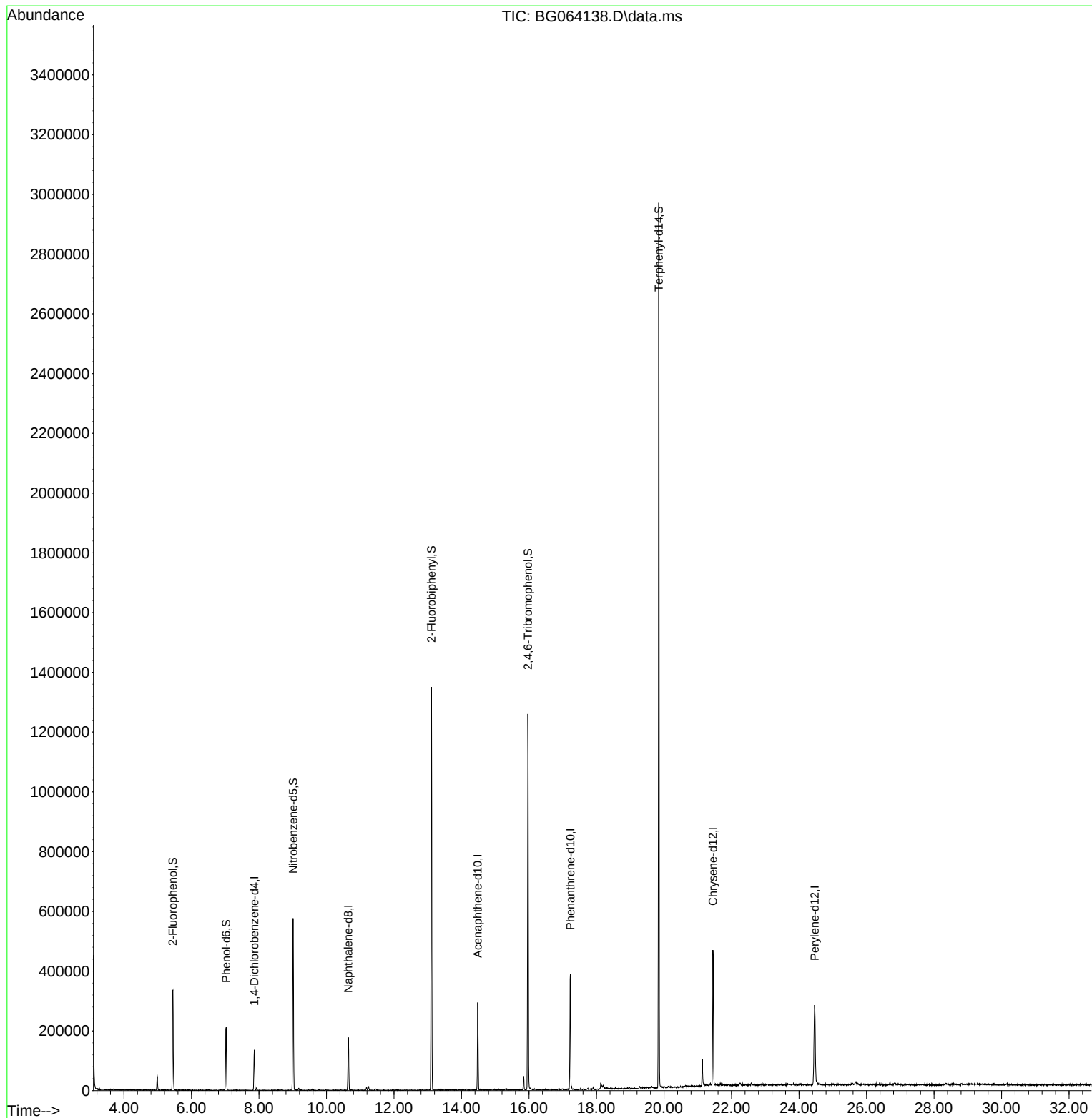
Target Compounds	Qvalue

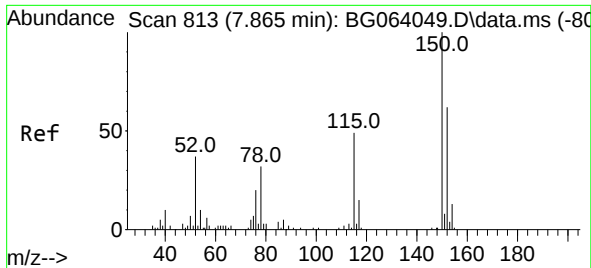
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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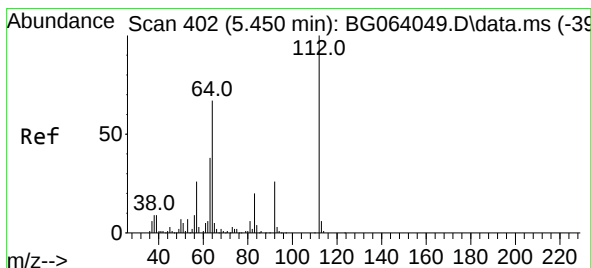
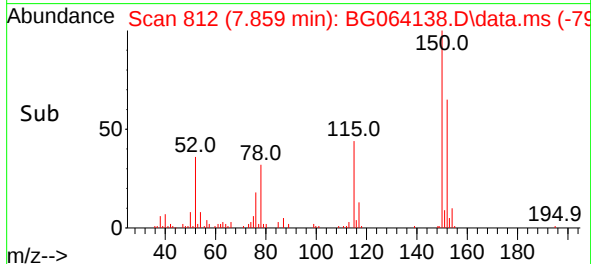
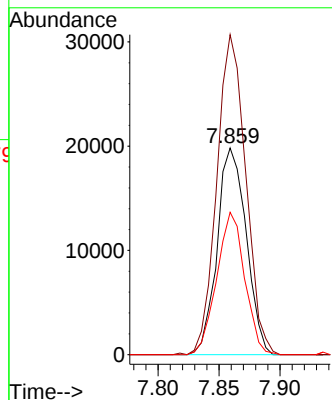
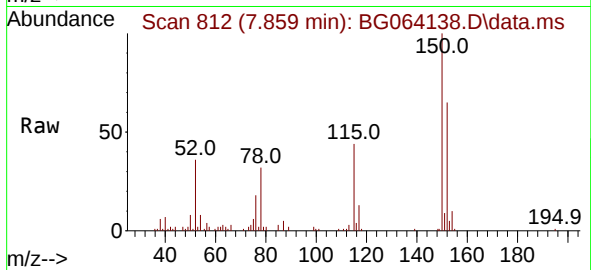




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

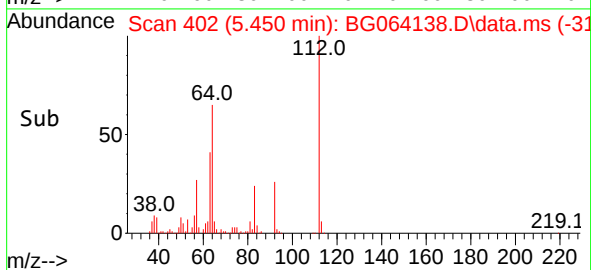
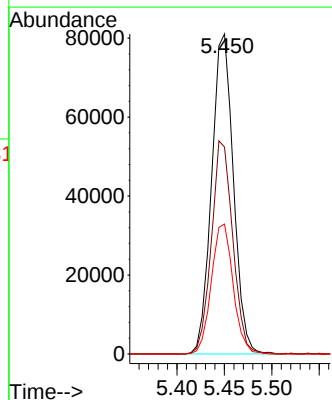
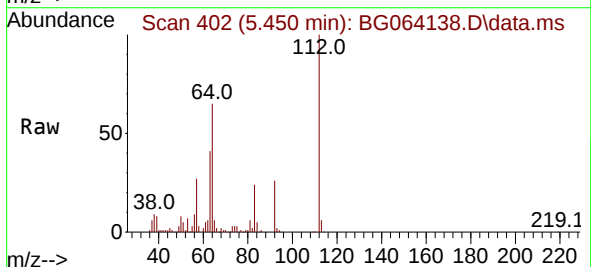
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01

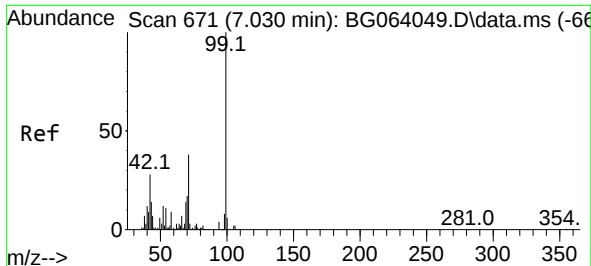
Tgt Ion:152 Resp: 32858
Ion Ratio Lower Upper
152 100
150 154.8 129.2 193.8
115 68.8 63.0 94.6



#5
2-Fluorophenol
Concen: 61.514 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Tgt Ion:112 Resp: 129446
Ion Ratio Lower Upper
112 100
64 64.7 53.7 80.5
63 40.6 30.2 45.4

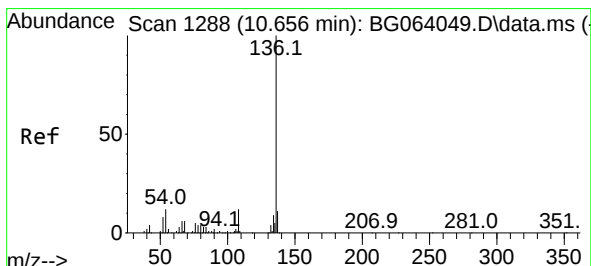
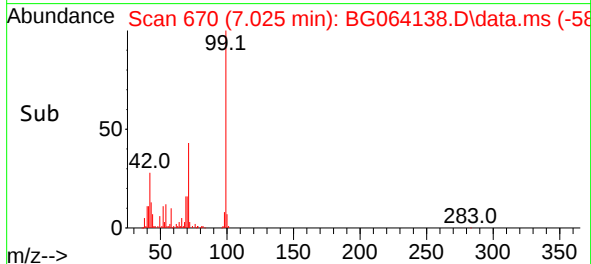
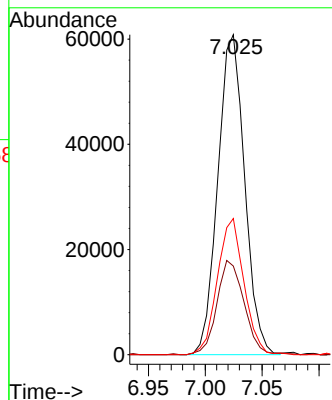
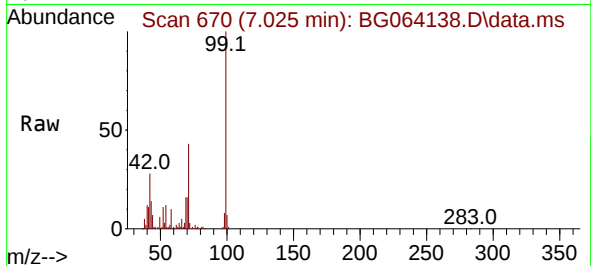




#7
Phenol-d6
Concen: 34.857 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

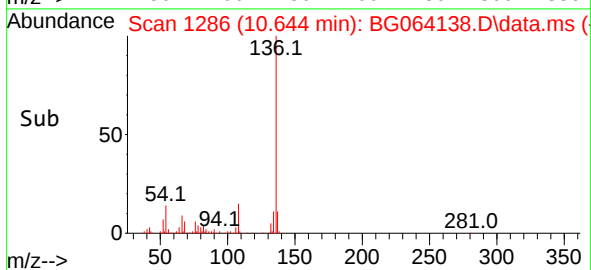
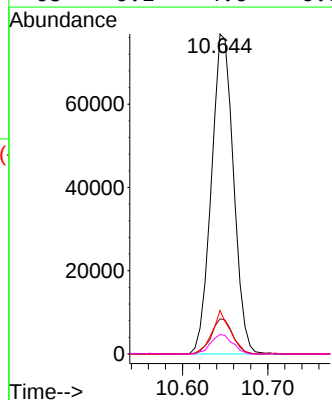
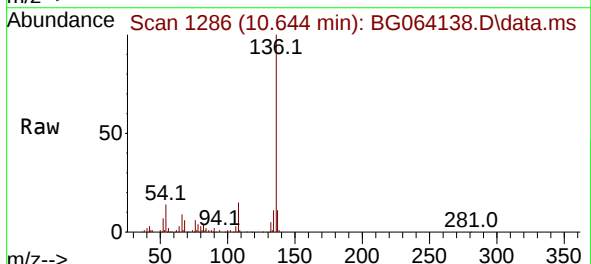
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01

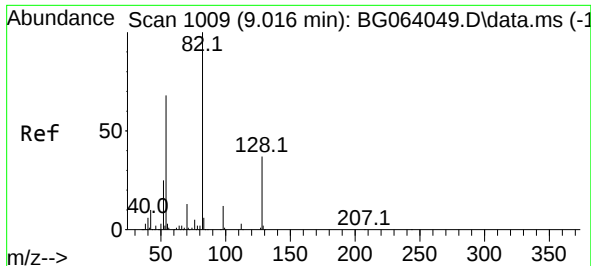
Tgt Ion: 99 Resp: 99786
Ion Ratio Lower Upper
99 100
42 27.7 22.7 34.1
71 42.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Tgt Ion: 136 Resp: 138416
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 13.6 9.9 14.9
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 118.021 ng

RT: 9.011 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG064138.D

Acq: 1 Apr 2025 17:04

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-002-01

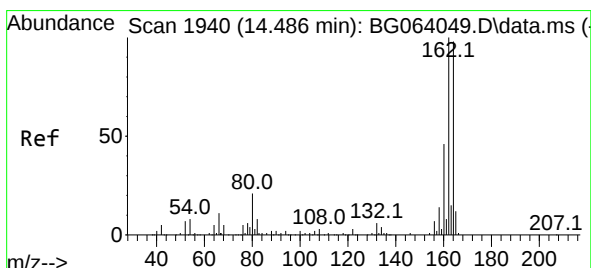
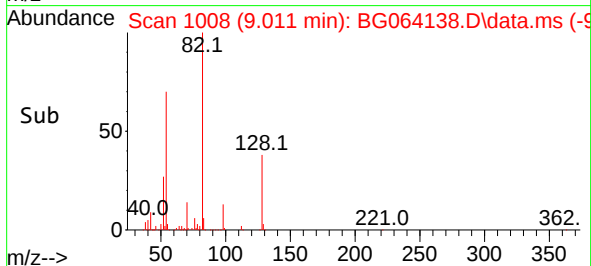
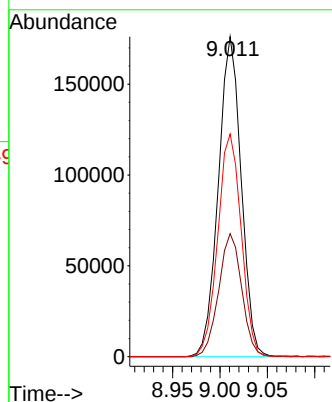
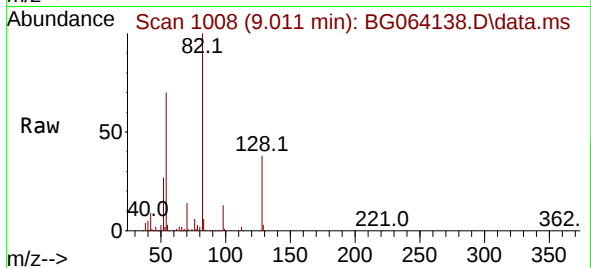
Tgt Ion: 82 Resp: 295610

Ion Ratio Lower Upper

82 100

128 38.5 30.0 45.0

54 69.6 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: BG064138.D

Acq: 1 Apr 2025 17:04

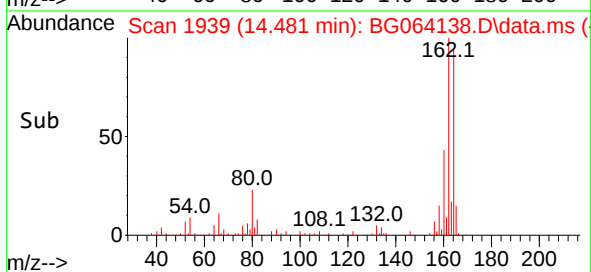
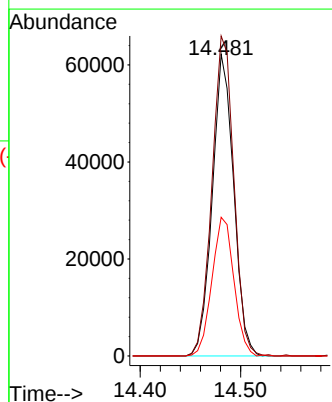
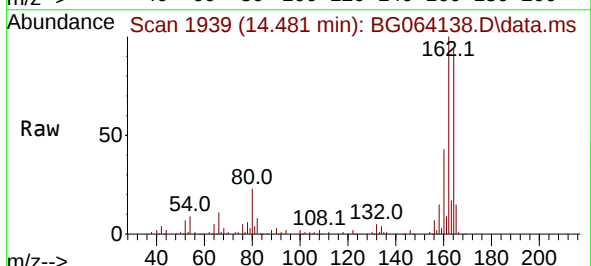
Tgt Ion: 164 Resp: 91944

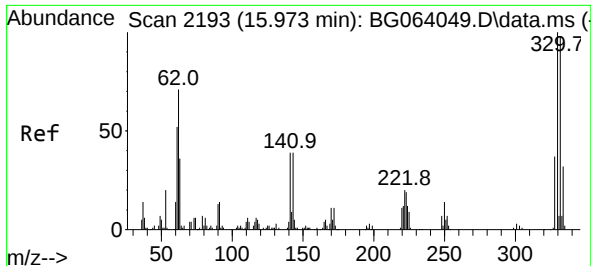
Ion Ratio Lower Upper

164 100

162 106.0 81.4 122.0

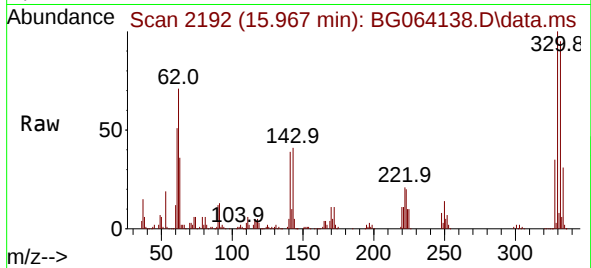
160 46.0 37.0 55.6



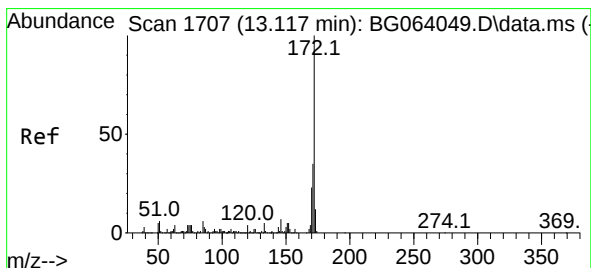
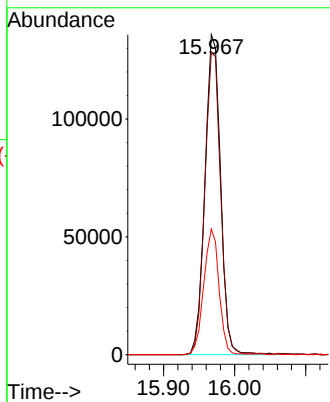
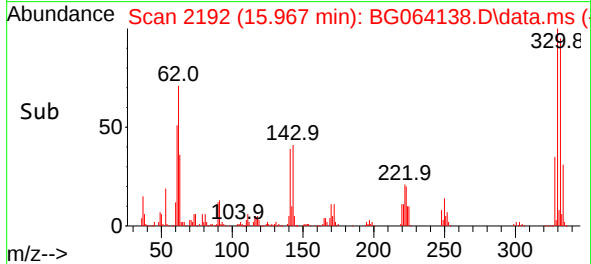


#42
2,4,6-Tribromophenol
Concen: 204.154 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01

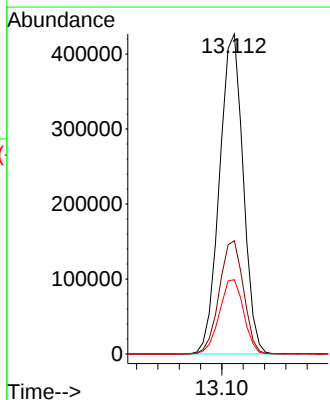
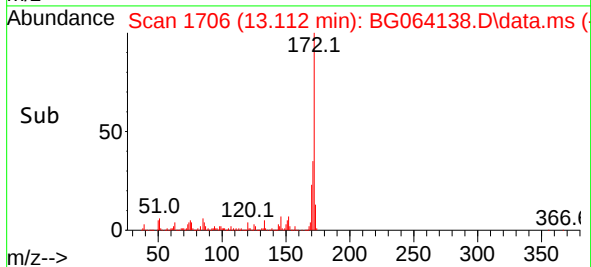
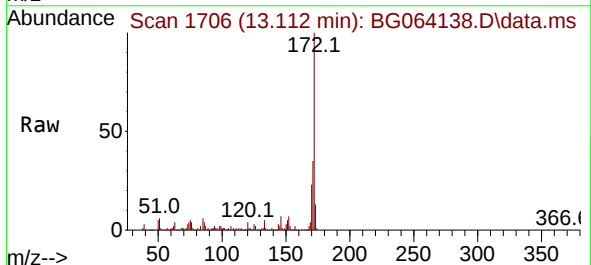


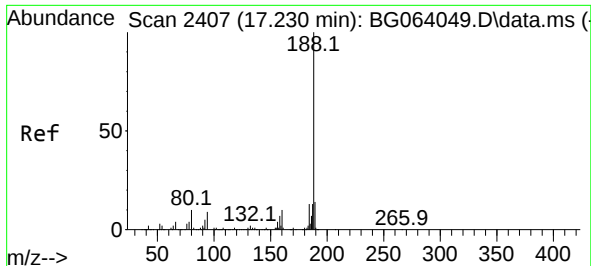
Tgt Ion:330 Resp: 208650
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 38.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 108.540 ng
RT: 13.112 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Tgt Ion:172 Resp: 657467
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.2 18.7 28.1

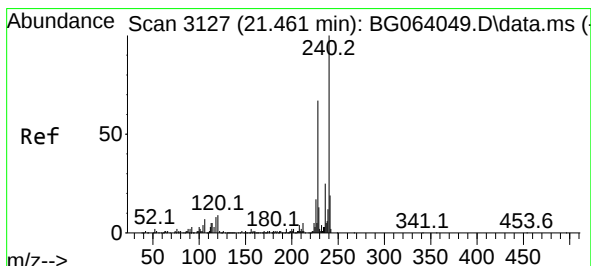
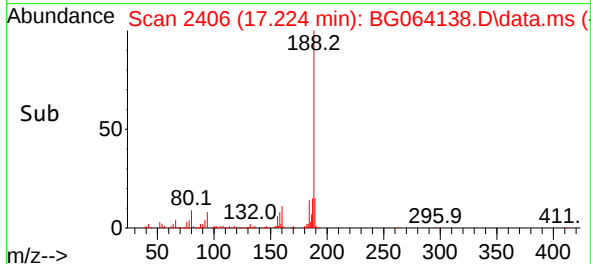
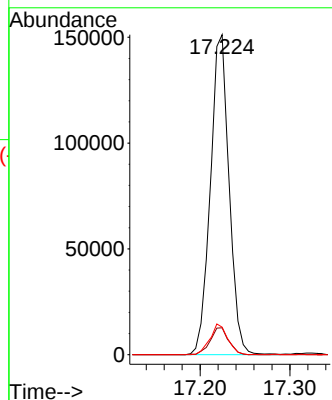
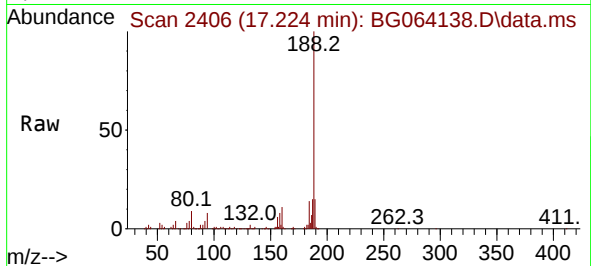




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

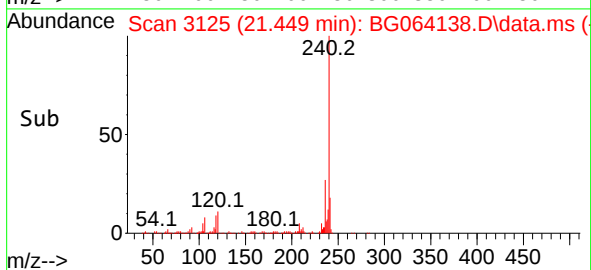
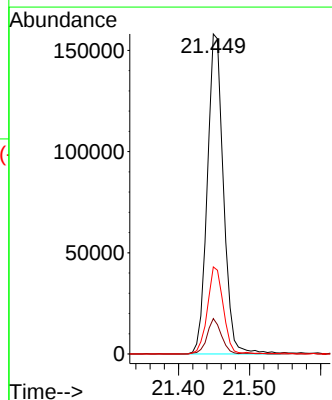
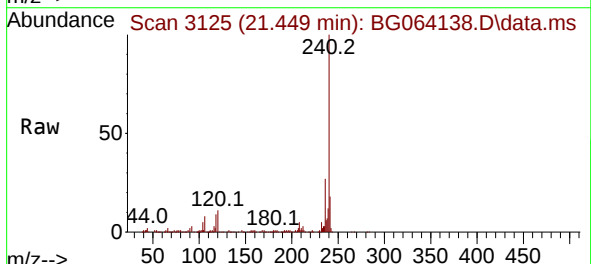
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-002-01

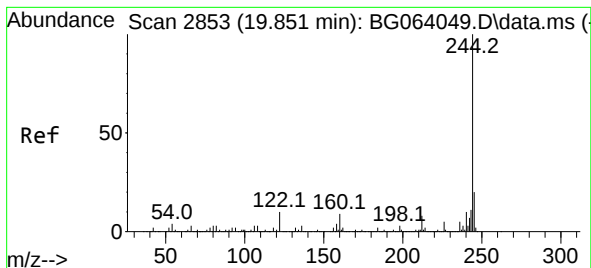
Tgt Ion:188 Resp: 218786
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 8.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064138.D
Acq: 1 Apr 2025 17:04

Tgt Ion:240 Resp: 249872
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 27.2 20.2 30.2





#79

Terphenyl-d14

Concen: 106.993 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064138.D

Acq: 1 Apr 2025 17:04

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-002-01

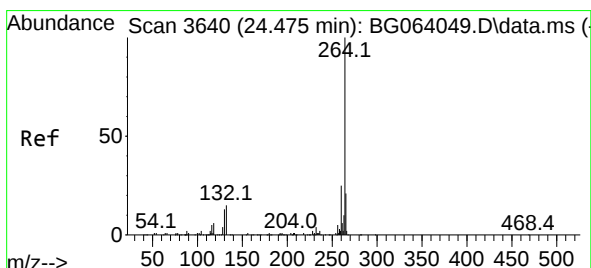
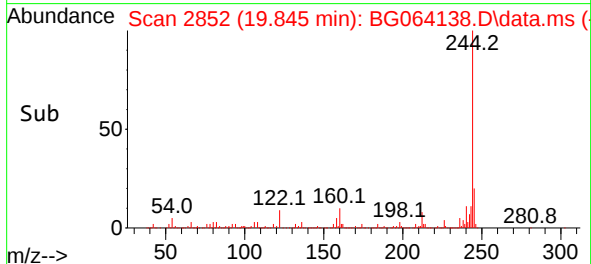
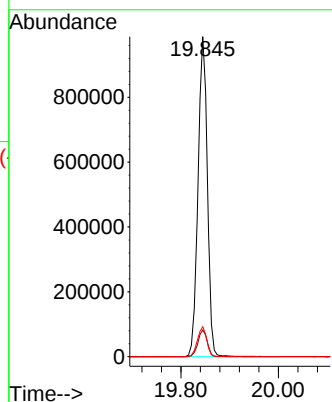
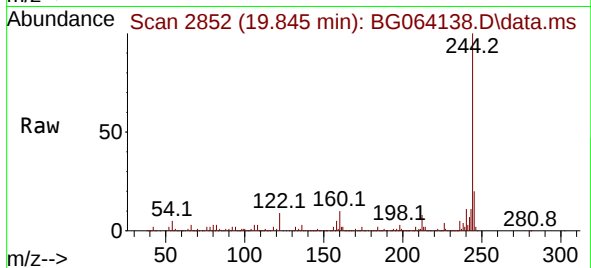
Tgt Ion:244 Resp: 1322188

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

122 9.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.463 min Scan# 3638

Delta R.T. -0.012 min

Lab File: BG064138.D

Acq: 1 Apr 2025 17:04

Tgt Ion:264 Resp: 272575

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 20.9 16.6 25.0

