

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064183.D
 Acq On : 4 Apr 2025 2:04
 Operator : RC/JU
 Sample : Q1680-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Apr 04 03:29:56 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)

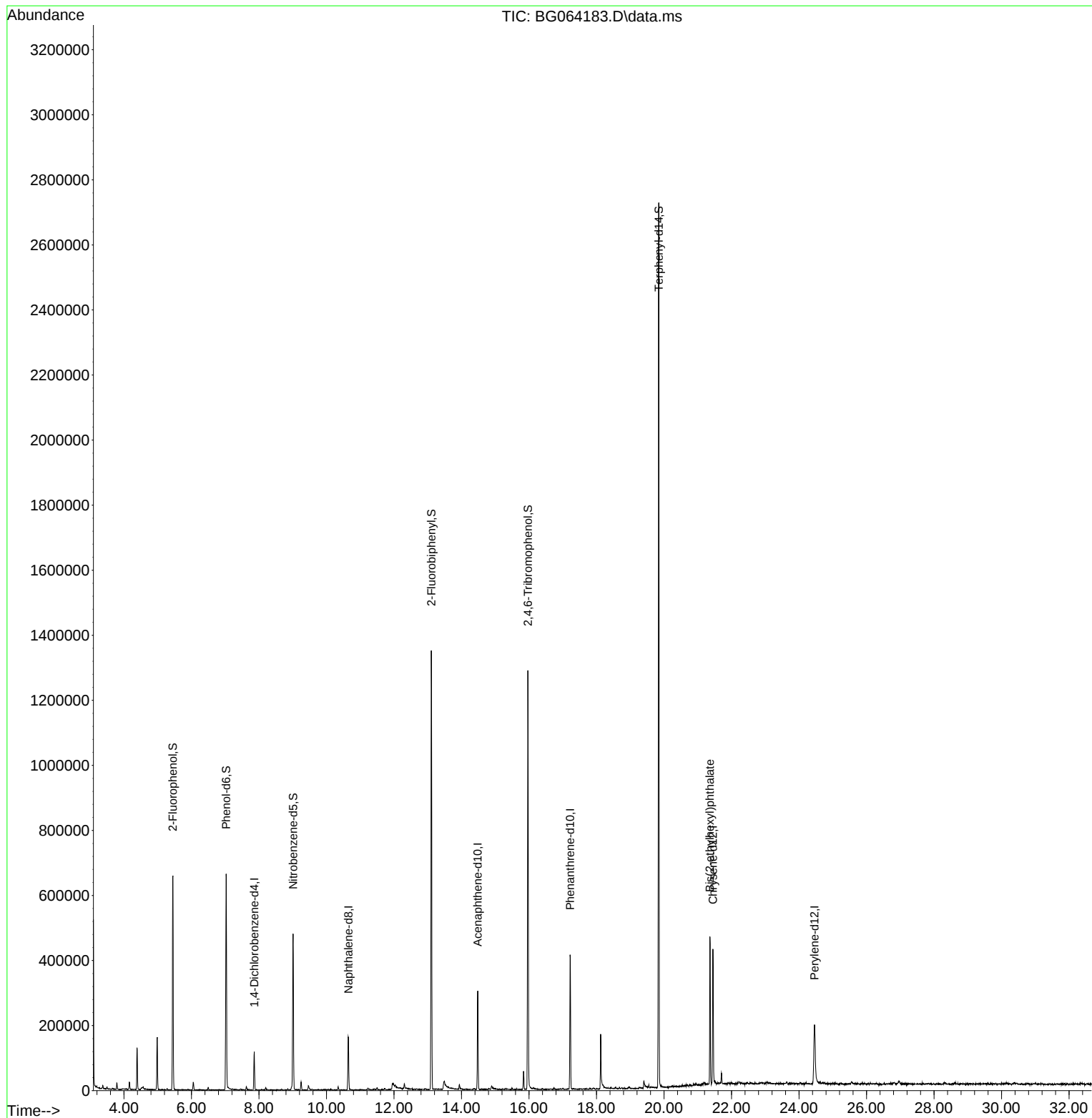
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	26655	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	126139	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	99358	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	241952	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	232952	20.000	ng	-0.01
86) Perylene-d12	24.457	264	183483	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	246450	144.370	ng	0.00
7) Phenol-d6	7.024	99	310230	133.588	ng	0.00
23) Nitrobenzene-d5	9.010	82	255556	111.960	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	216596	196.115	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	647036	98.847	ng	-0.01
79) Terphenyl-d14	19.845	244	1246568	108.201	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.360	149	164443	20.377	ng	Qvalue 99

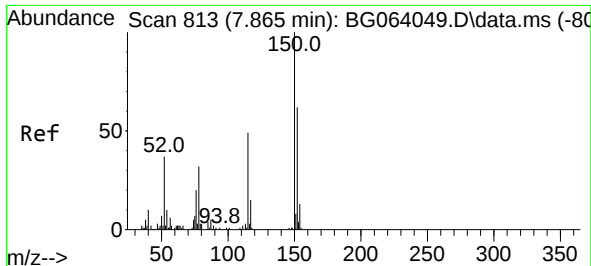
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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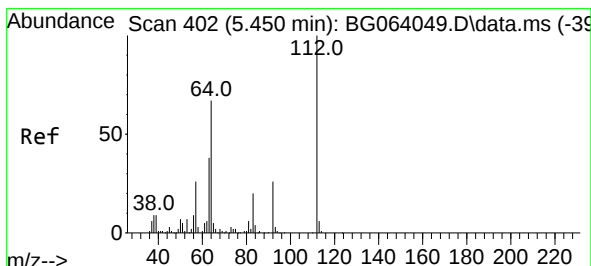
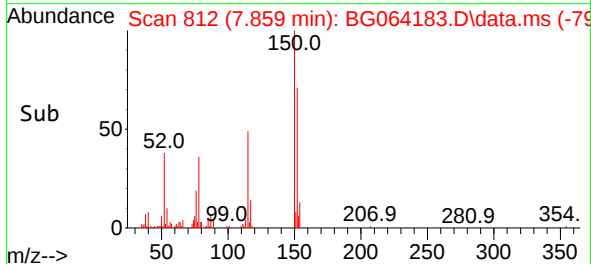
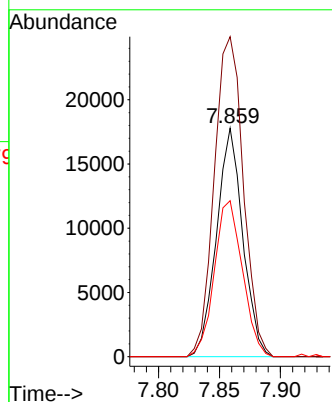
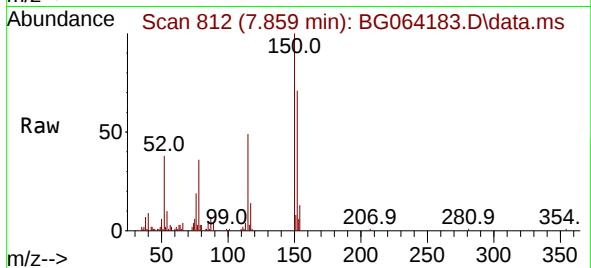




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

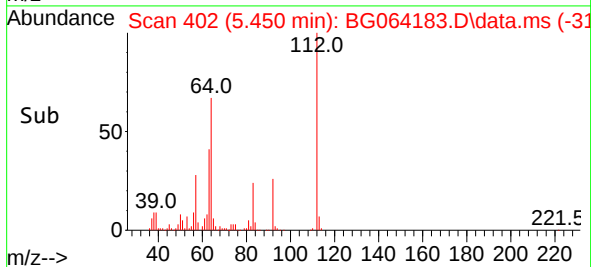
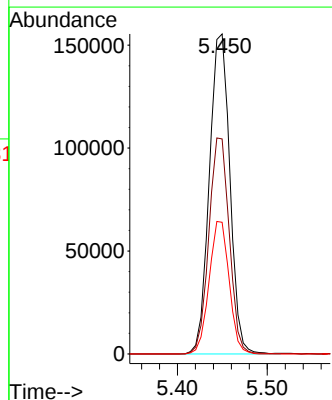
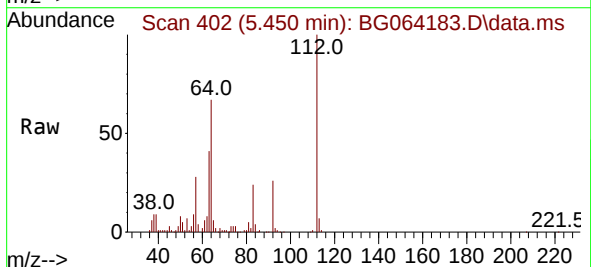
Instrument :
BNA_G
ClientSampleId :
TP-4

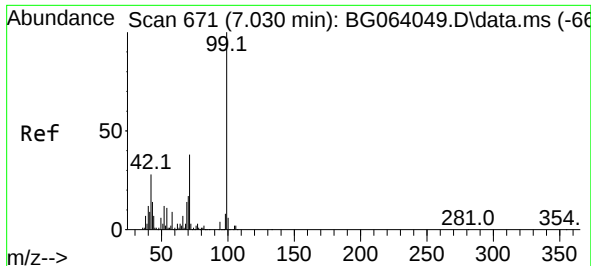
Tgt Ion:152 Resp: 26655
Ion Ratio Lower Upper
152 100
150 140.0 129.2 193.8
115 68.2 63.0 94.6



#5
2-Fluorophenol
Concen: 144.370 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

Tgt Ion:112 Resp: 246450
Ion Ratio Lower Upper
112 100
64 67.2 53.7 80.5
63 41.1 30.2 45.4

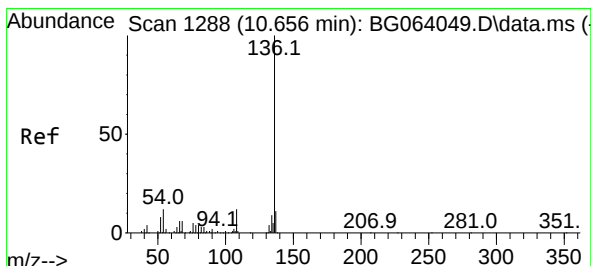
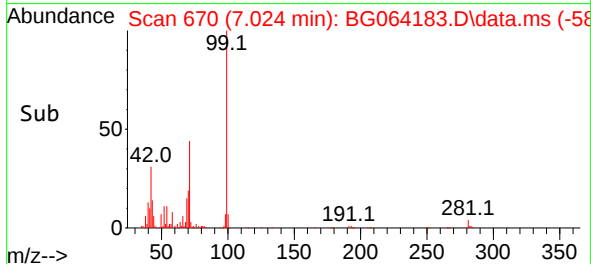
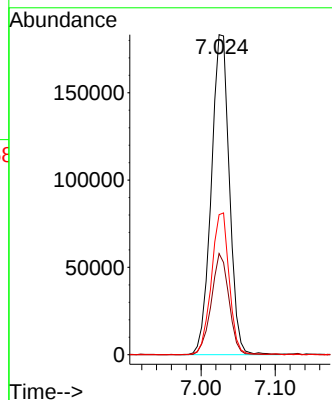
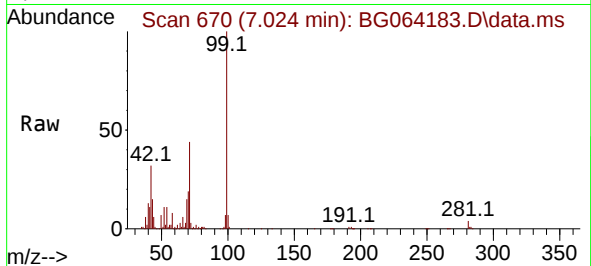




#7
Phenol-d6
Concen: 133.588 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

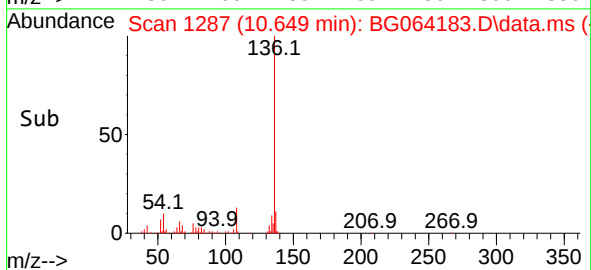
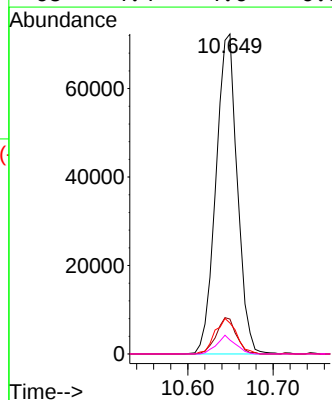
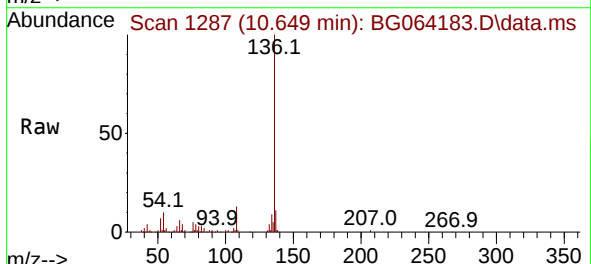
Instrument :
BNA_G
ClientSampleId :
TP-4

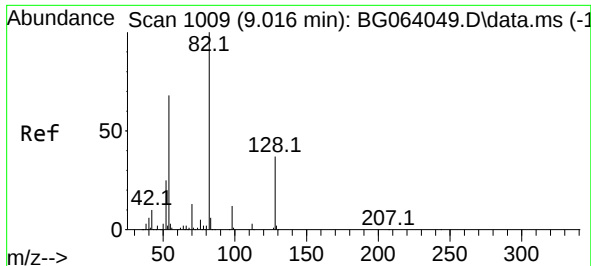
Tgt Ion: 99 Resp: 310230
Ion Ratio Lower Upper
99 100
42 31.6 22.7 34.1
71 43.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

Tgt Ion: 136 Resp: 126139
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.7 9.9 14.9#
68 4.4 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 111.960 ng

RT: 9.010 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BG064183.D

Acq: 4 Apr 2025 2:04

Instrument :

BNA_G

ClientSampleId :

TP-4

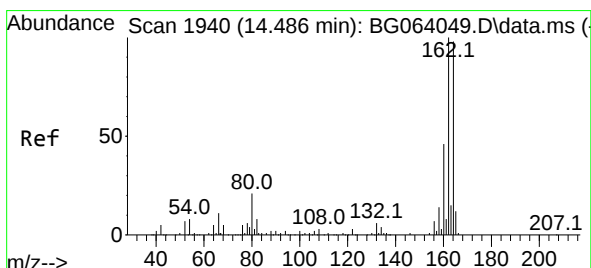
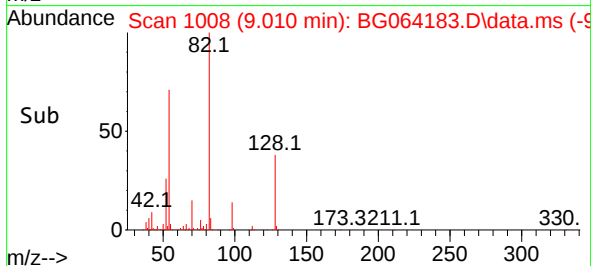
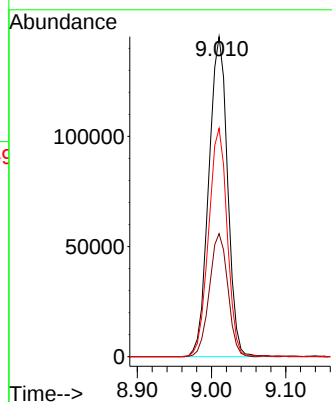
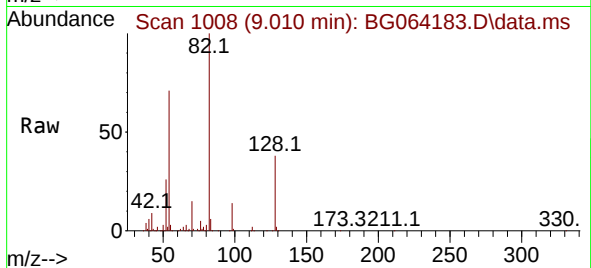
Tgt Ion: 82 Resp: 255556

Ion Ratio Lower Upper

82 100

128 38.4 30.0 45.0

54 71.4 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BG064183.D

Acq: 4 Apr 2025 2:04

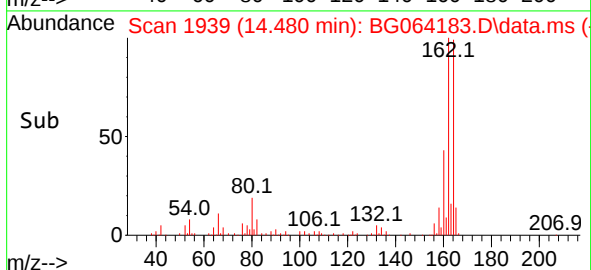
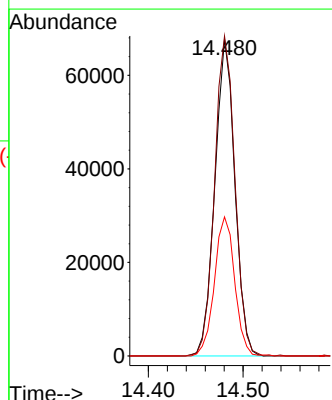
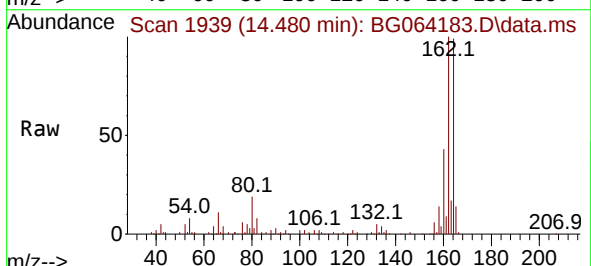
Tgt Ion: 164 Resp: 99358

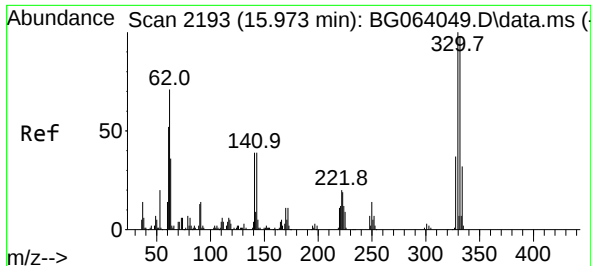
Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

160 43.9 37.0 55.6

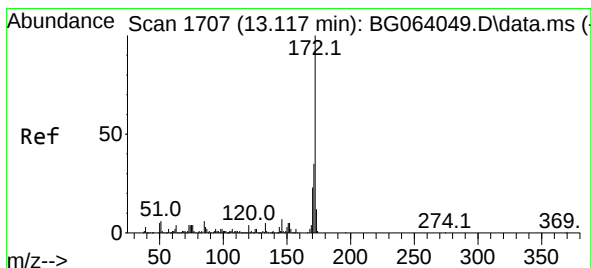
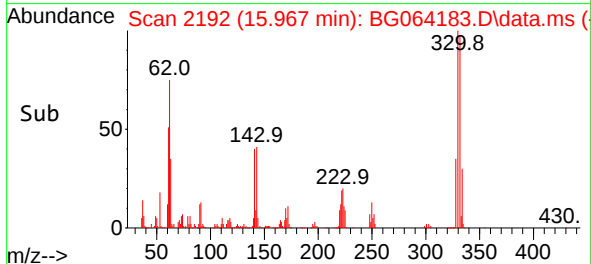
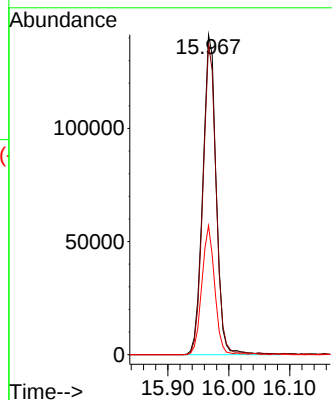
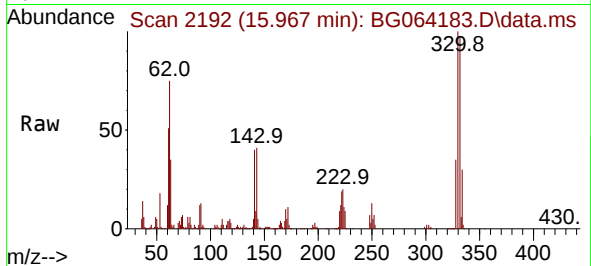




#42
2,4,6-Tribromophenol
Concen: 196.115 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

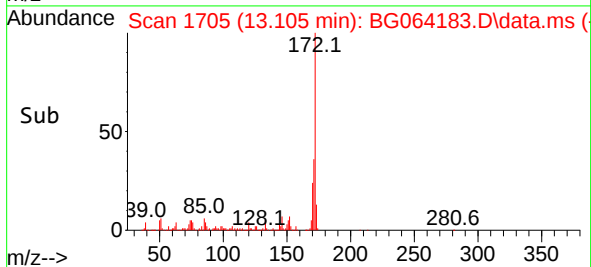
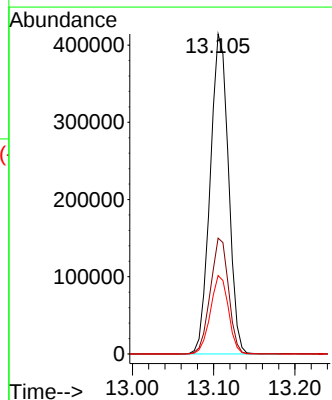
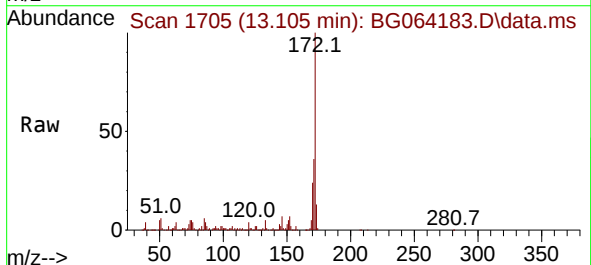
Instrument :
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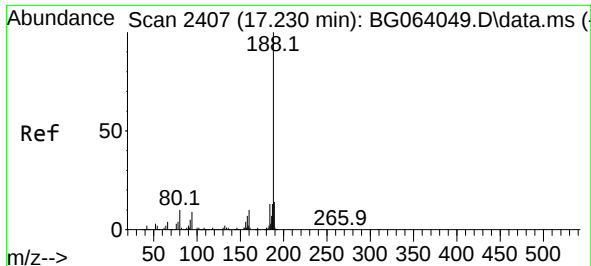
Tgt Ion:330 Resp: 216596
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 38.6 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 98.847 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

Tgt Ion:172 Resp: 647036
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 24.5 18.7 28.1

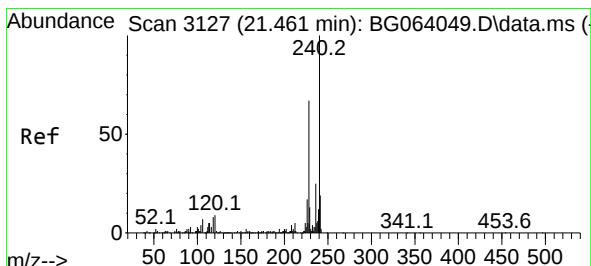
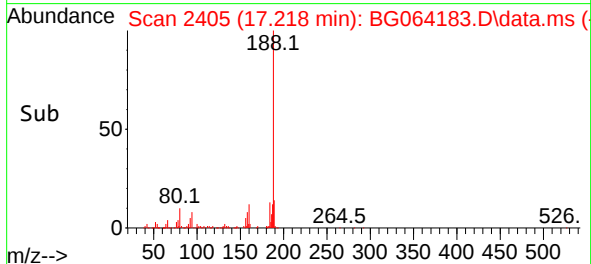
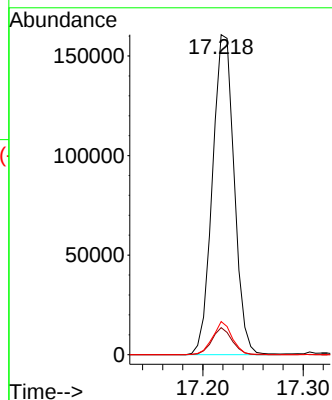
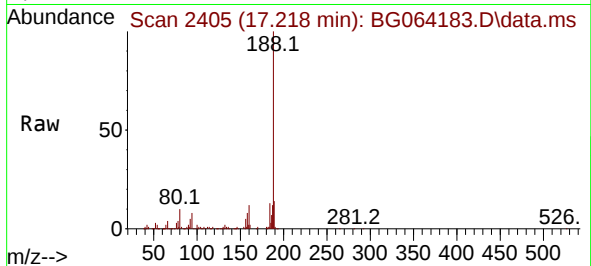




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

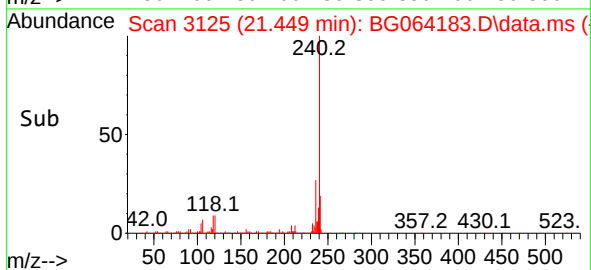
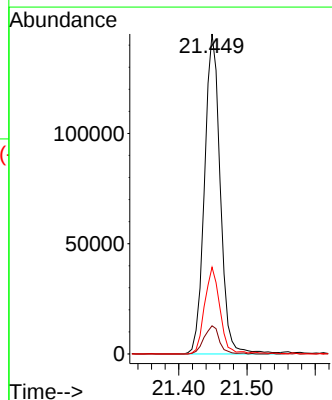
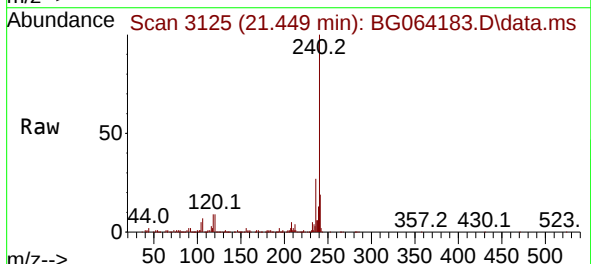
Instrument :
BNA_G
ClientSampleId :
TP-4

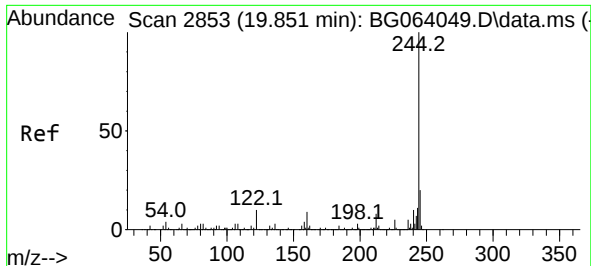
Tgt Ion:188 Resp: 241952
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

Tgt Ion:240 Resp: 232952
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 27.1 20.2 30.2

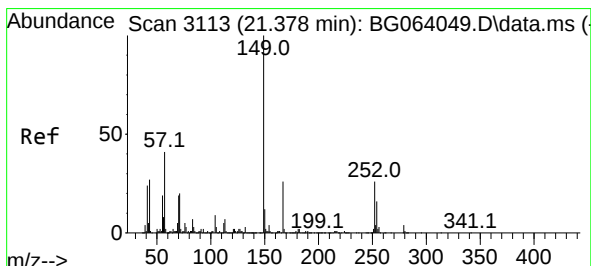
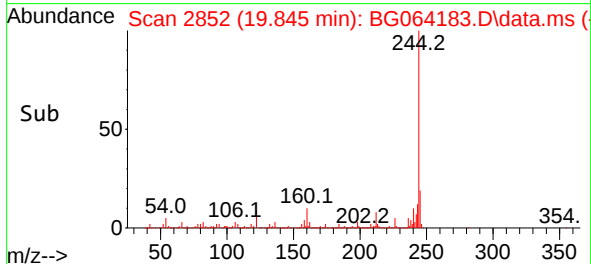
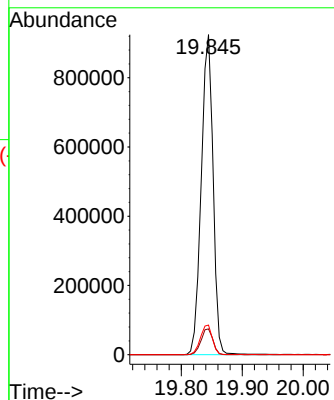
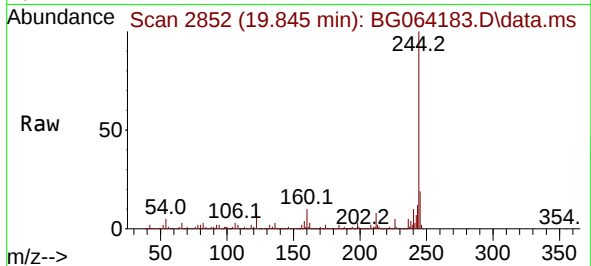




#79
 Terphenyl-d14
 Concen: 108.201 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064183.D
 Acq: 4 Apr 2025 2:04

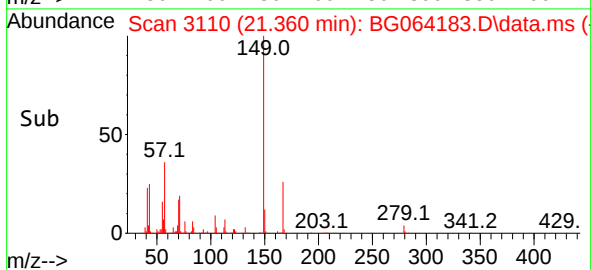
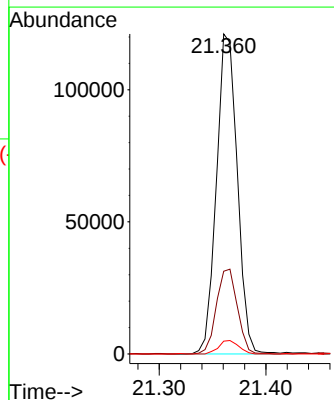
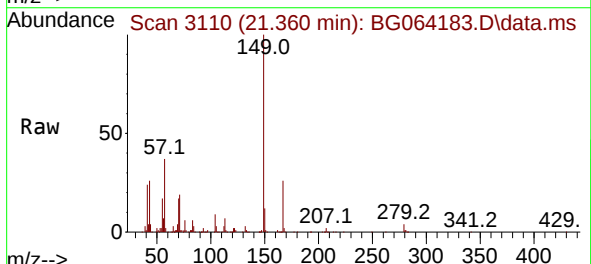
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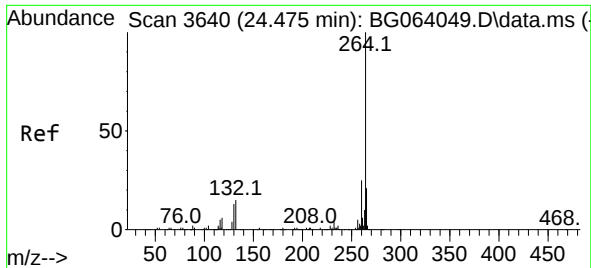
Tgt Ion:244 Resp: 1246568
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 9.3 8.0 12.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.377 ng
 RT: 21.360 min Scan# 3110
 Delta R.T. -0.018 min
 Lab File: BG064183.D
 Acq: 4 Apr 2025 2:04

Tgt Ion:149 Resp: 164443
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.6
 279 4.0 2.8 4.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.457 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: BG064183.D
 Acq: 4 Apr 2025 2:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:264 Resp: 183483
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 20.5 16.6 25.0

