

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 :

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)

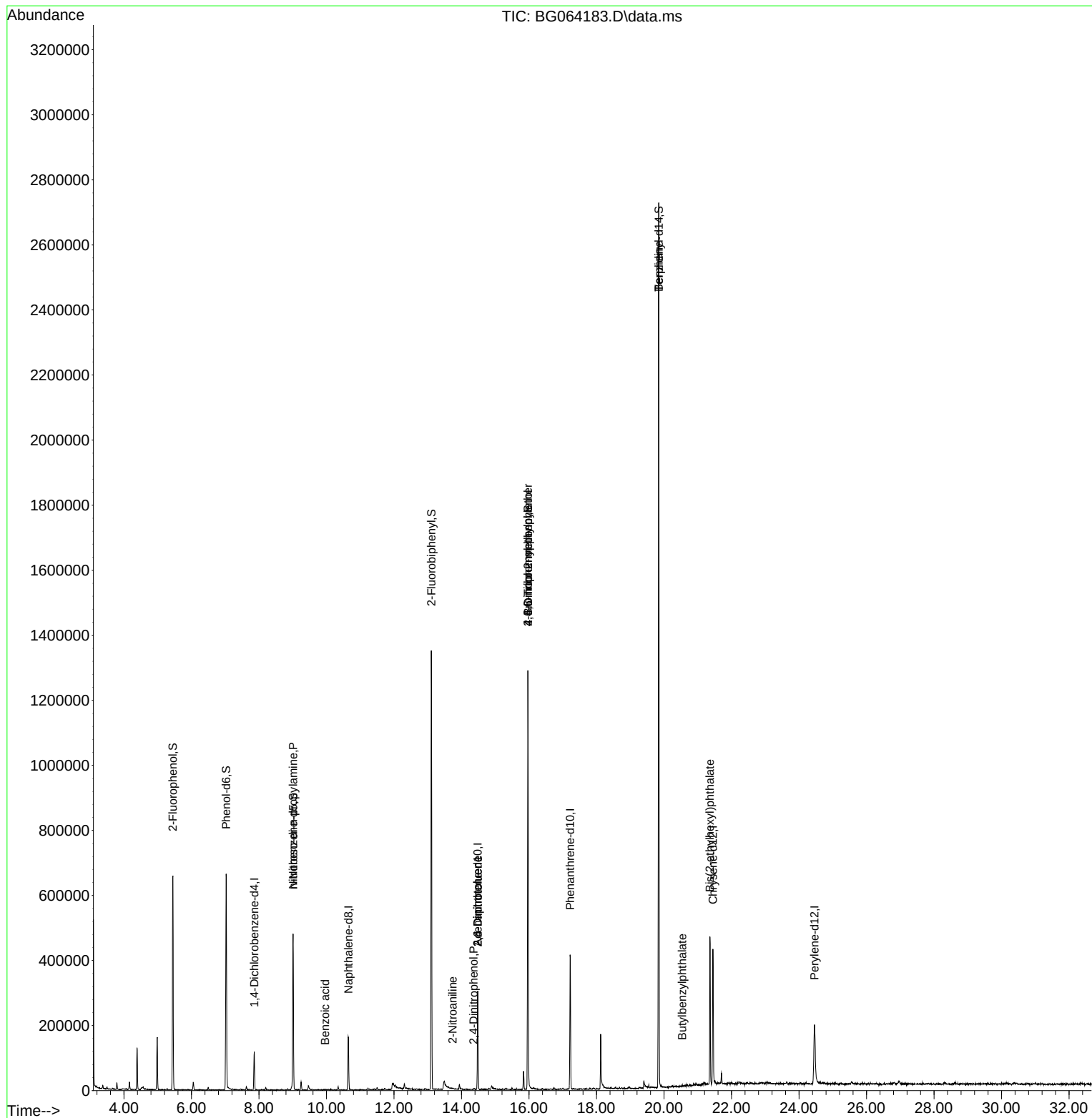
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	26655	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	126139	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	99358	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	241952	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	232952	20.000	ng	-0.01
86) Perylene-d12	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						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.010	70	36657	22.492	ng	# 70
32) Benzoic acid	9.956	122	165	8.797	ng	# 54
48) 2-Nitroaniline	13.740	65	55	3.246	ng	# 11
51) 2,6-Dinitrotoluene	14.480	165	13645	11.886	ng	# 18
54) 2,4-Dinitrophenol	14.357	184	56	7.963	ng	# 27
57) 2,4-Dinitrotoluene	14.480	165	13645	9.787	ng	# 19
65) 4,6-Dinitro-2-methylph...	15.967	198	804	8.817	ng	# 1
67) 4-Bromophenyl-phenylether	15.967	248	15531	6.267	ng	# 1
77) Benzidine	19.845	184	25107	7.783	ng	# 93
80) Butylbenzylphthalate	20.538	149	295	3.686	ng	# 80
84) Bis(2-ethylhexyl)phtha...	21.360	149	164443	20.377	ng	99

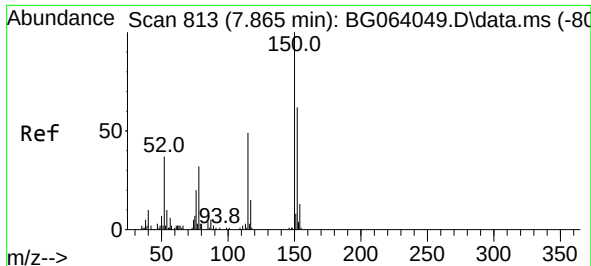
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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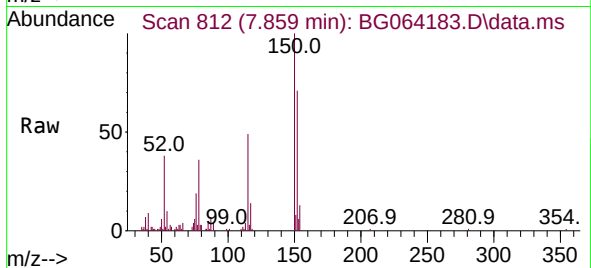
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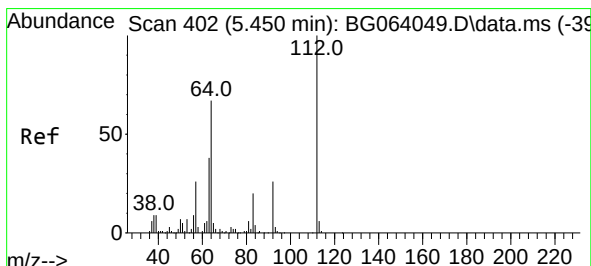
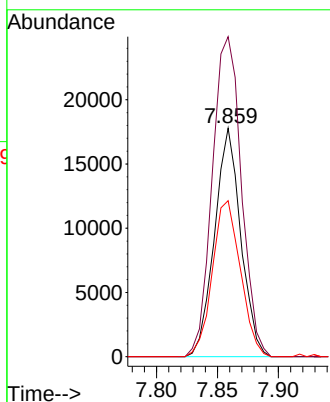
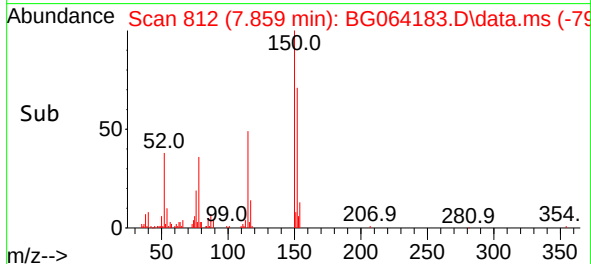


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

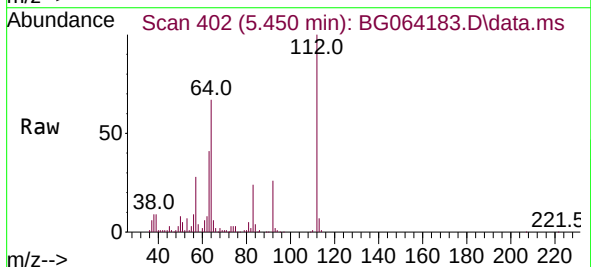
Instrument :
BNA_G
ClientSampleId :



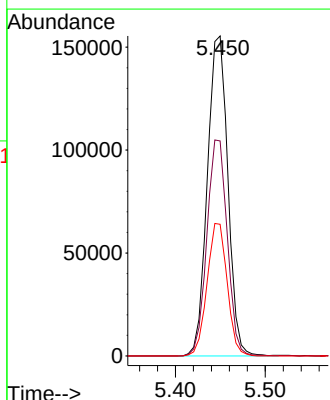
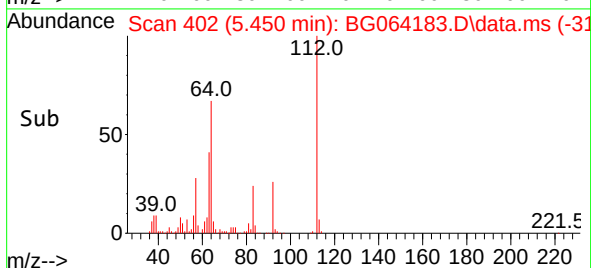
Tgt Ion:152 Resp: 26655
Ion Ratio Lower Upper
152 100
150 140.0 129.2 193.8
115 68.2 63.0 94.6

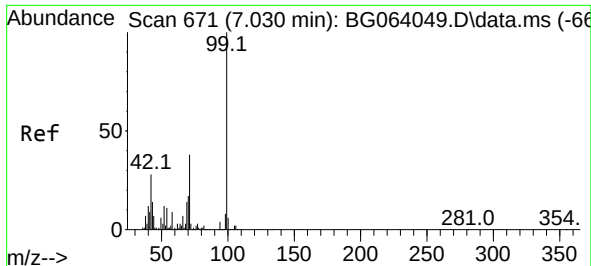


#5
2-Fluorophenol
Concen: 144.370 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04



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

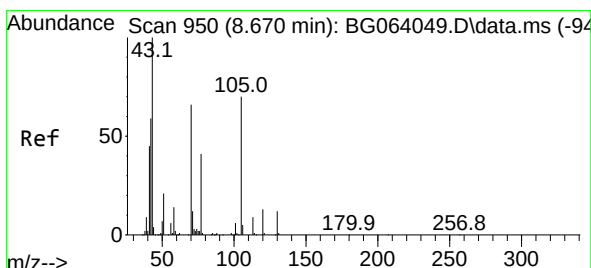
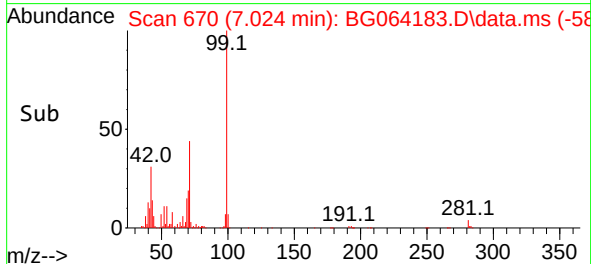
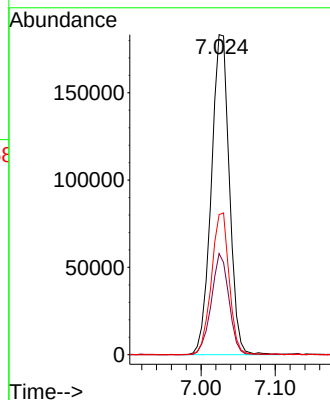
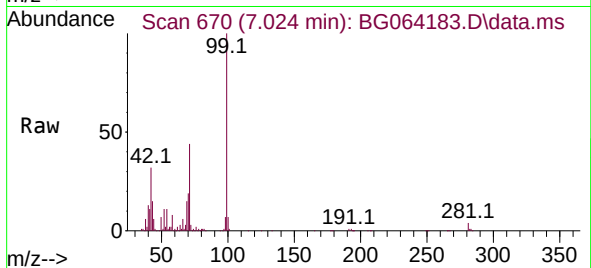




#7
Phenol-d6
Concen: 133.588 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

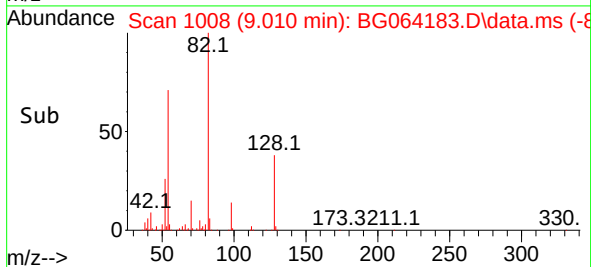
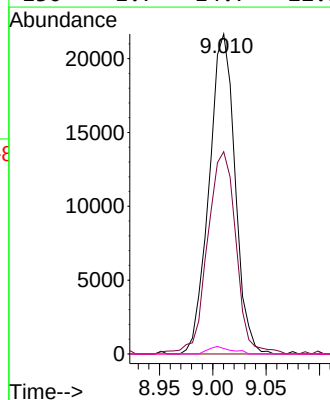
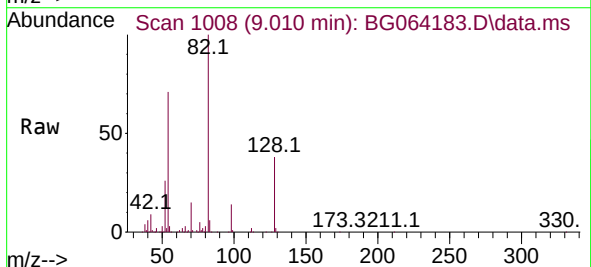
Instrument :
BNA_G
ClientSampleId :

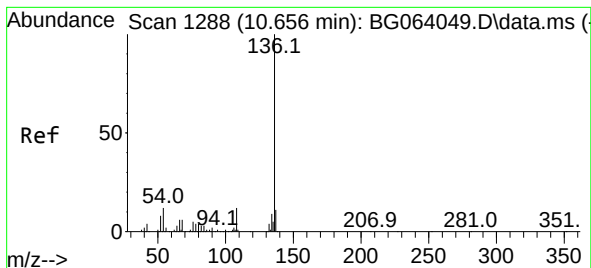
Tgt Ion: 99 Resp: 310230
Ion Ratio Lower Upper
99 100
42 31.6 22.7 34.1
71 43.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.492 ng
RT: 9.010 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

Tgt Ion: 70 Resp: 36657
Ion Ratio Lower Upper
70 100
42 63.2 72.1 108.1#
101 0.0 7.2 10.8#
130 1.7 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.649 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG064183.D

Acq: 4 Apr 2025 2:04

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:136 Resp: 126139

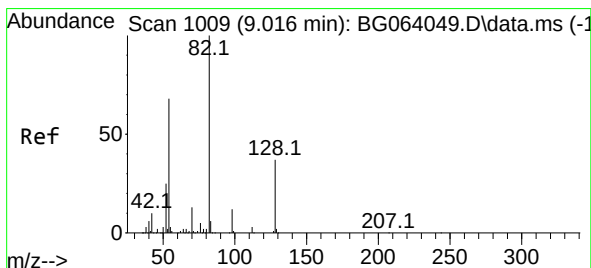
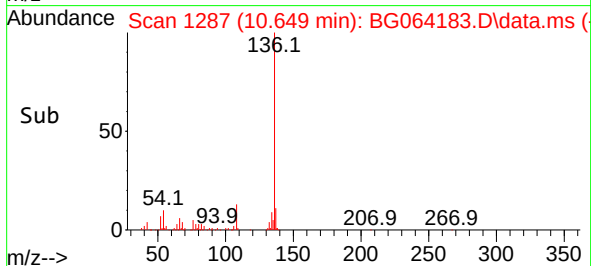
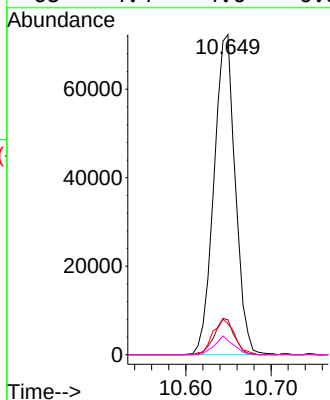
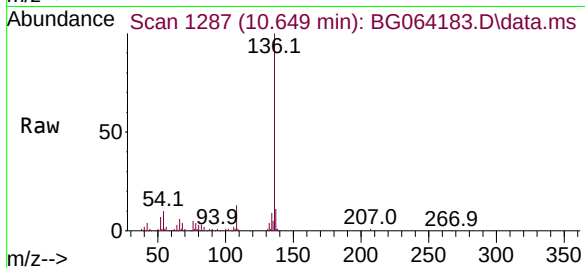
Ion Ratio Lower Upper

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# 1008

Delta R.T. -0.006 min

Lab File: BG064183.D

Acq: 4 Apr 2025 2:04

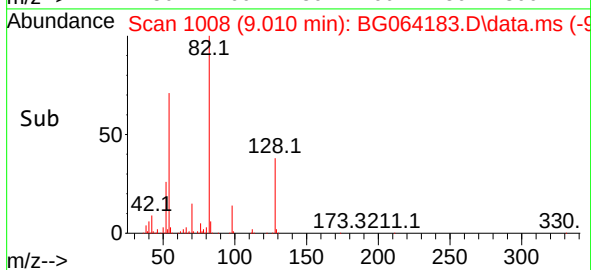
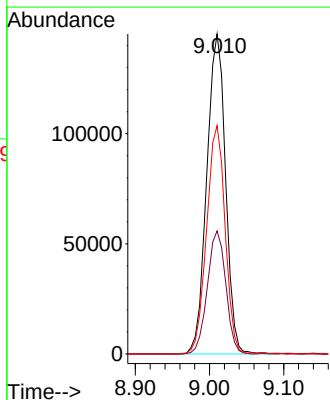
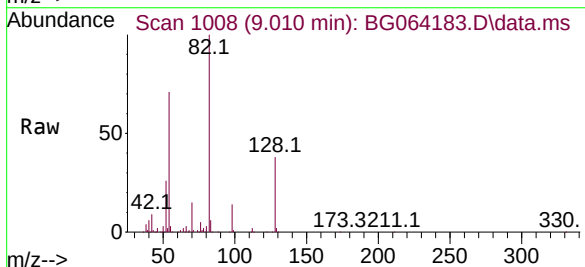
Tgt Ion: 82 Resp: 255556

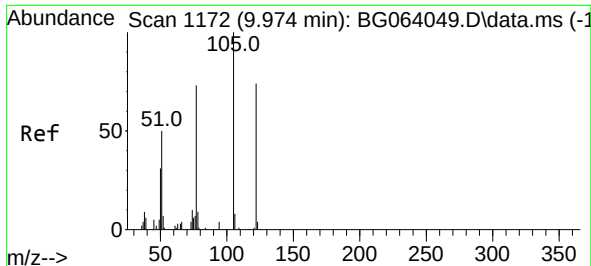
Ion Ratio Lower Upper

82 100

128 38.4 30.0 45.0

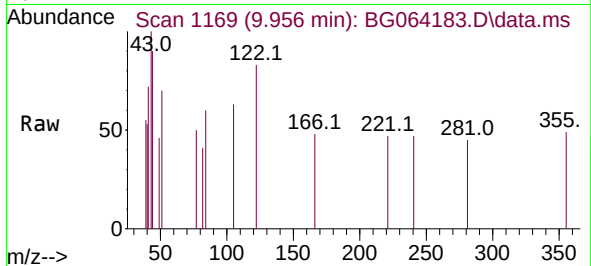
54 71.4 54.7 82.1



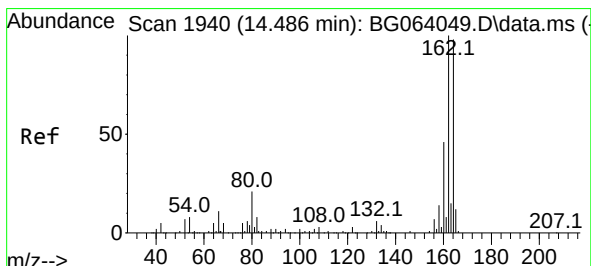
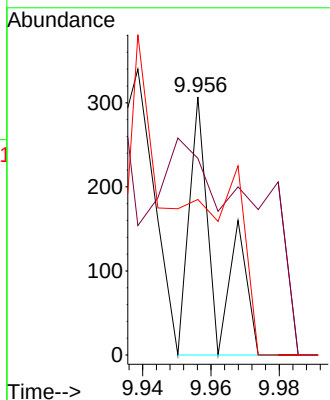
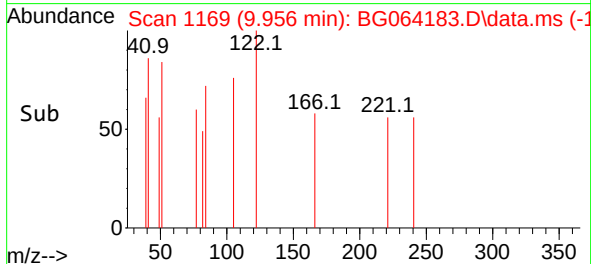


#32
Benzoic acid
Concen: 8.797 ng
RT: 9.956 min Scan# 1172
Delta R.T. -0.018 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

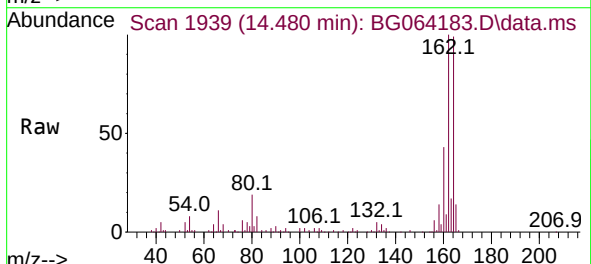
Instrument :
BNA_G
ClientSampleId :



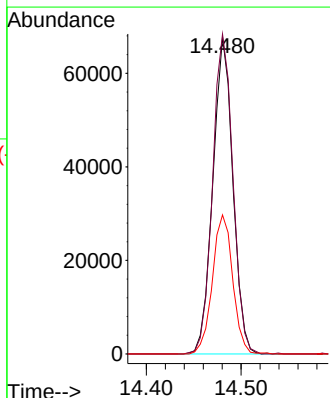
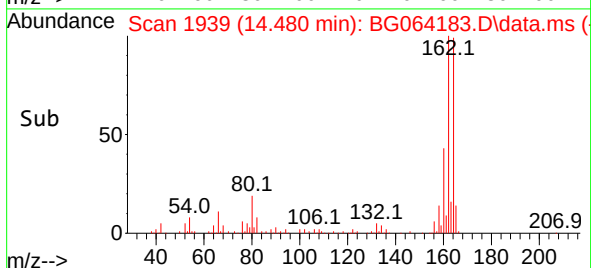
Tgt Ion:122 Resp: 165
Ion Ratio Lower Upper
122 100
105 76.2 115.0 155.0#
77 60.3 80.9 120.9#

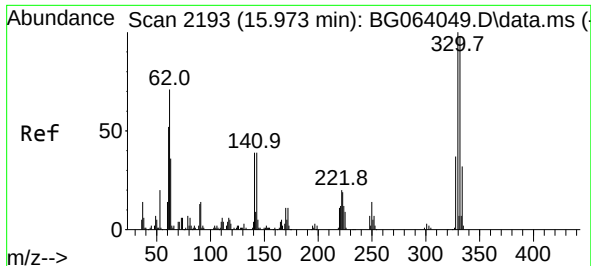


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04



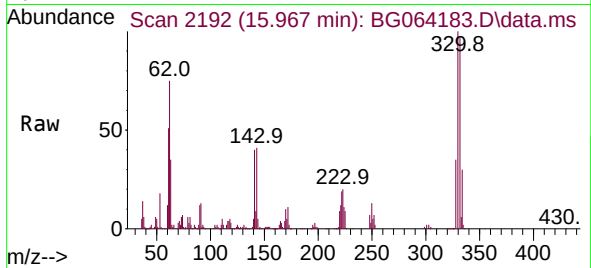
Tgt Ion:164 Resp: 99358
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.9 37.0 55.6



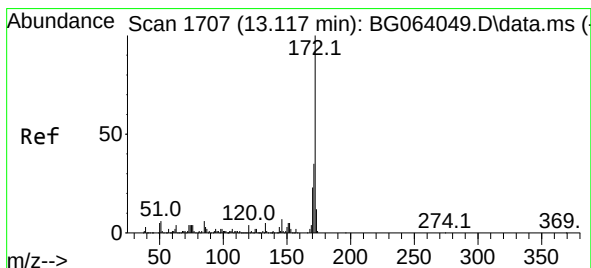
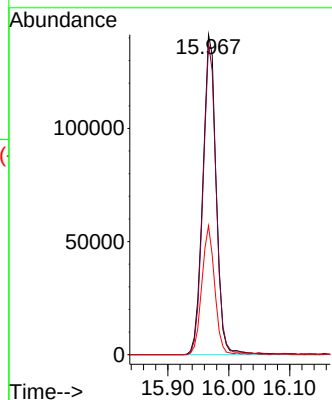
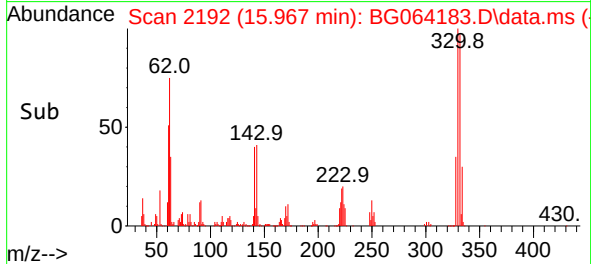


#42
2,4,6-Tribromophenol
Concen: 196.115 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

Instrument :
BNA_G
ClientSampleId :

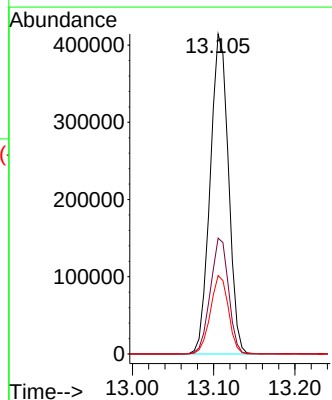
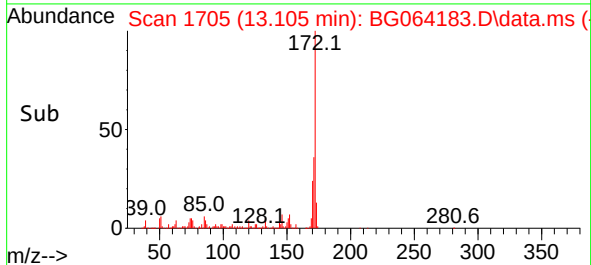
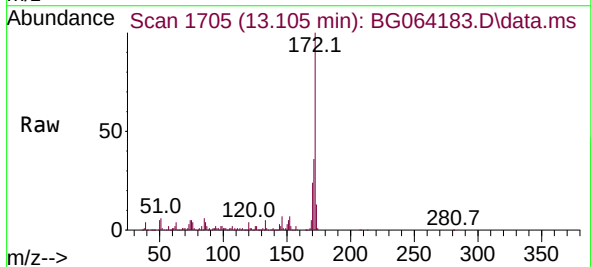


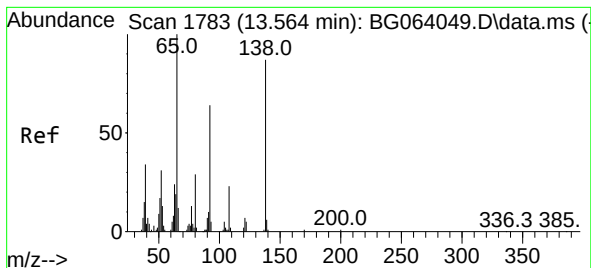
Tgt Ion:330 Resp: 216596
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 38.6 29.7 44.5



#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





#48

2-Nitroaniline

Concen: 3.246 ng

RT: 13.740 min Scan# 11

Delta R.T. 0.176 min

Lab File: BG064183.D

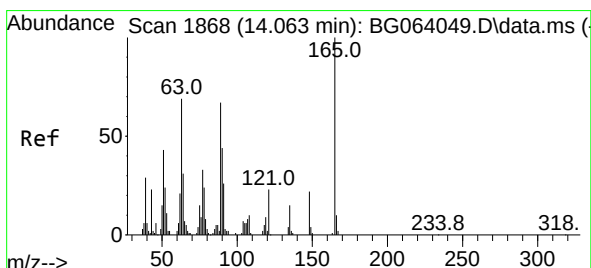
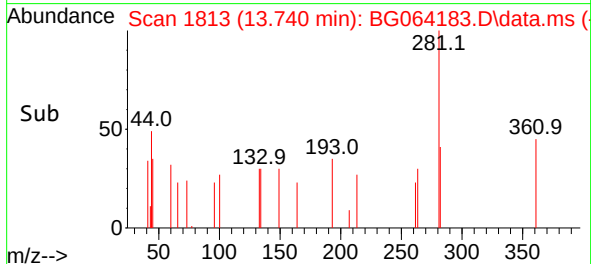
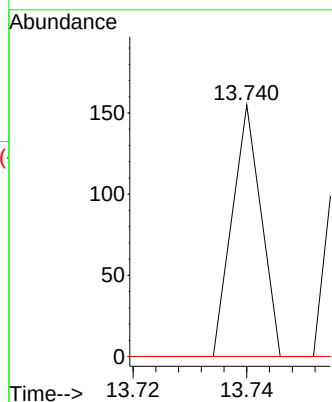
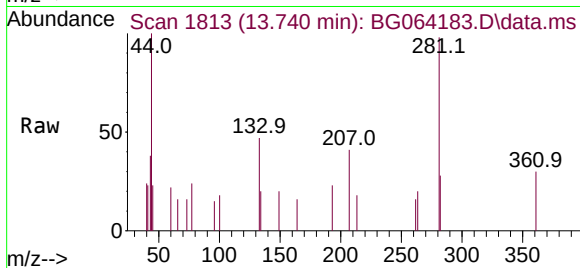
Acq: 4 Apr 2025 2:04

Instrument :

BNA_G

ClientSampleId :

Tgt Ion: 65	Resp: 55
Ion Ratio	Lower Upper
65	100
92	0.0 51.2 76.8#
138	0.0 69.4 104.2#



#51

2,6-Dinitrotoluene

Concen: 11.886 ng

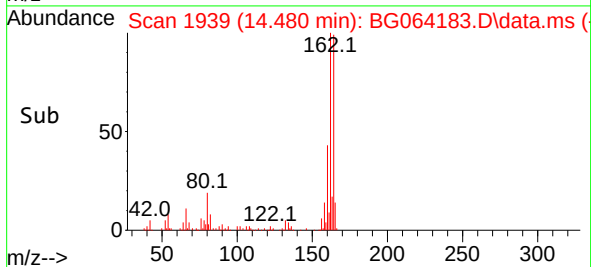
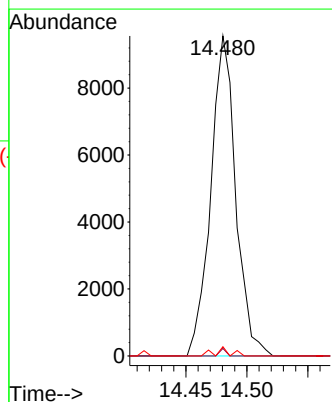
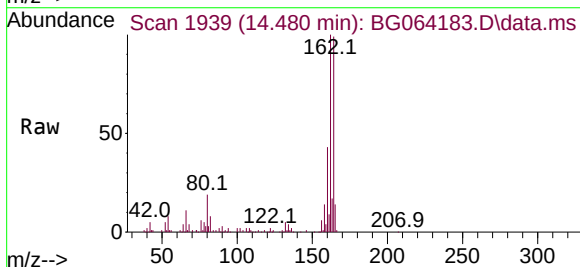
RT: 14.480 min Scan# 1939

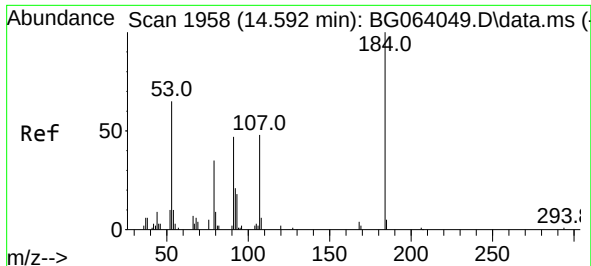
Delta R.T. 0.417 min

Lab File: BG064183.D

Acq: 4 Apr 2025 2:04

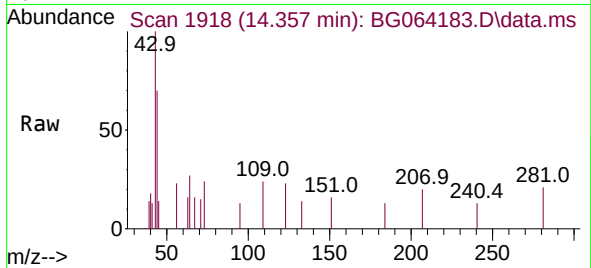
Tgt Ion: 165	Resp: 13645
Ion Ratio	Lower Upper
165	100
63	2.3 56.7 85.1#
89	2.9 53.7 80.5#



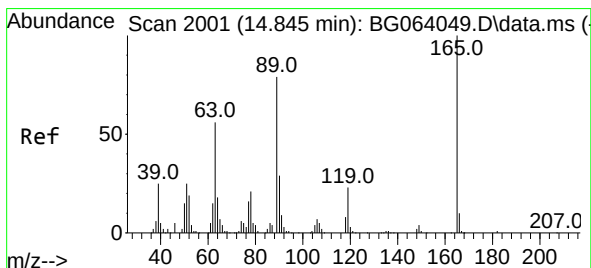
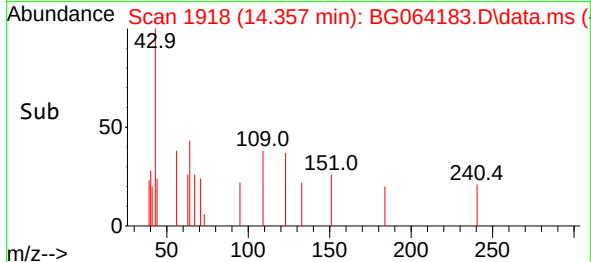
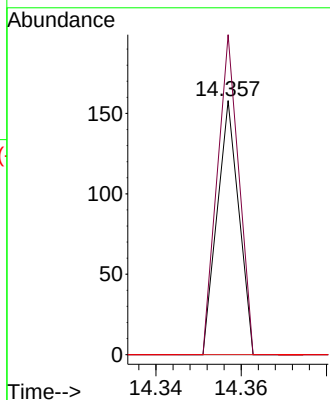


#54
2,4-Dinitrophenol
Concen: 7.963 ng
RT: 14.357 min Scan# 1958
Delta R.T. -0.235 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

Instrument :
BNA_G
ClientSampleId :

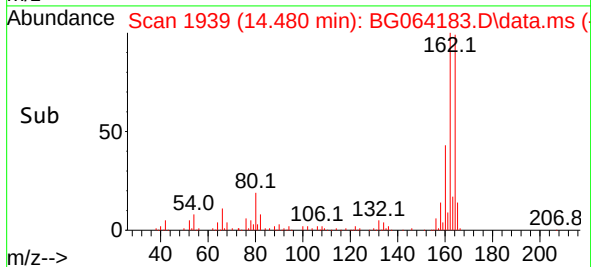
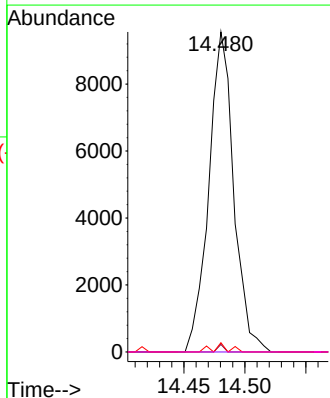
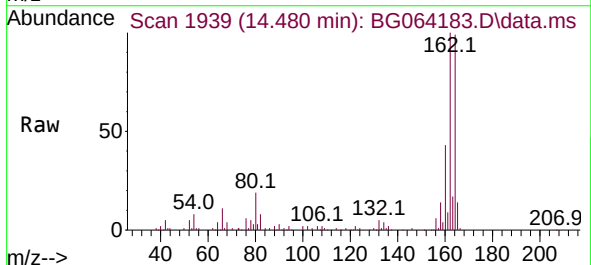


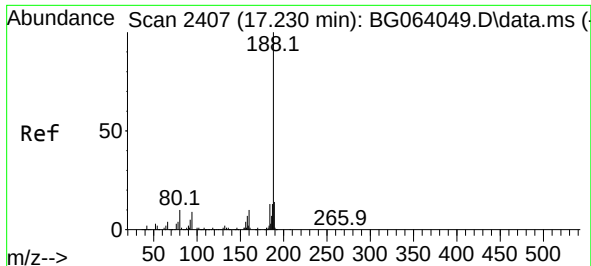
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 125.9 57.5 86.3#
154 0.0 52.3 78.5#



#57
2,4-Dinitrotoluene
Concen: 9.787 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.365 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

Tgt Ion:165 Resp: 13645
Ion Ratio Lower Upper
165 100
63 2.3 45.0 67.6#
89 2.9 63.1 94.7#
182 0.0 1.0 1.4#

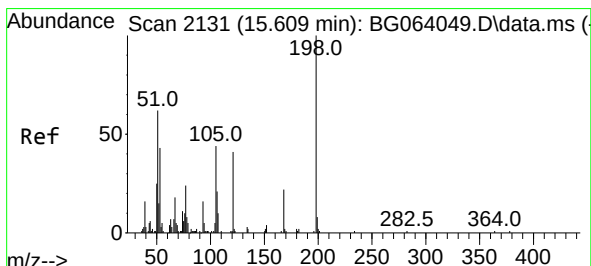
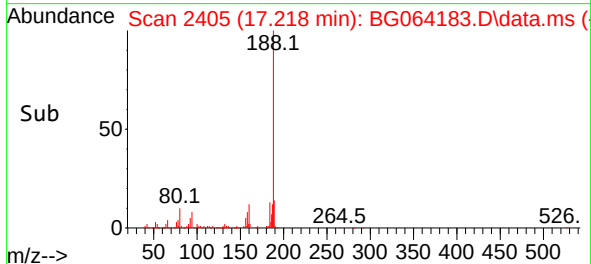
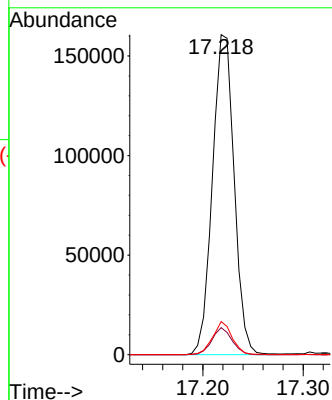
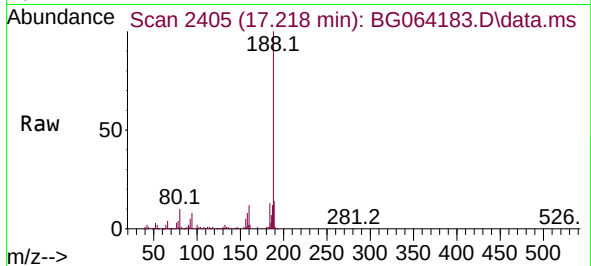




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

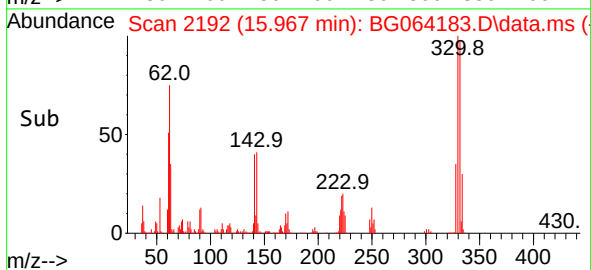
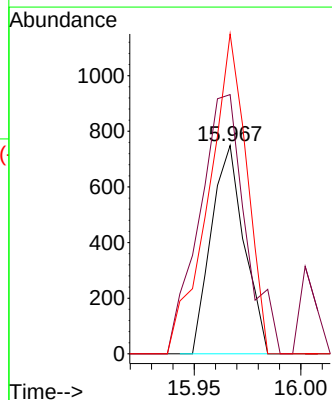
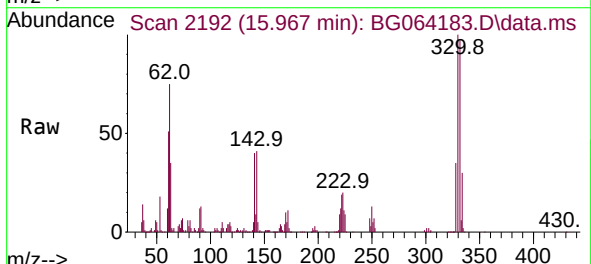
Instrument :
BNA_G
ClientSampleId :

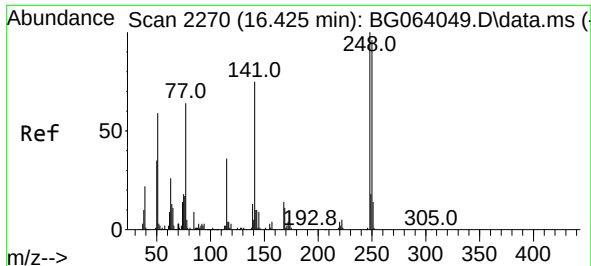
Tgt Ion:188 Resp: 241952
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.4 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 8.817 ng
RT: 15.967 min Scan# 2192
Delta R.T. 0.358 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

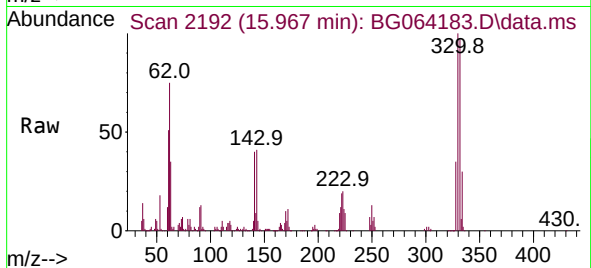
Tgt Ion:198 Resp: 804
Ion Ratio Lower Upper
198 100
51 124.4 45.6 85.6#
105 153.5 25.3 65.3#



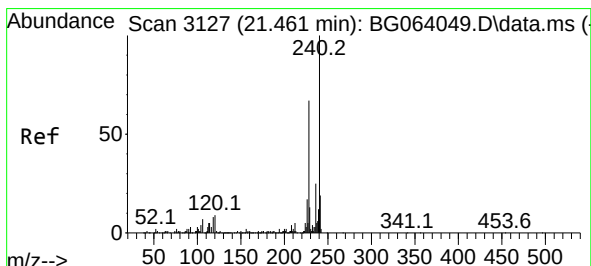
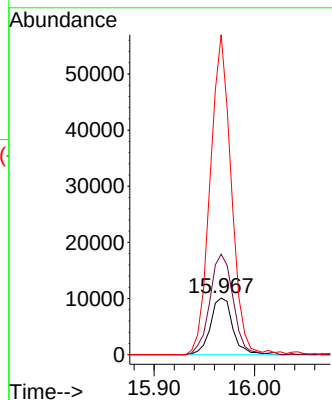
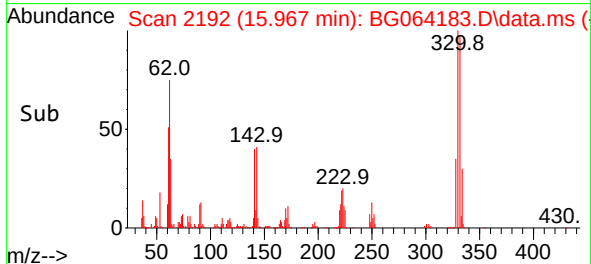


#67
4-Bromophenyl-phenylether
Concen: 6.267 ng
RT: 15.967 min Scan# 2119
Delta R.T. -0.458 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

Instrument :
BNA_G
ClientSampleId :

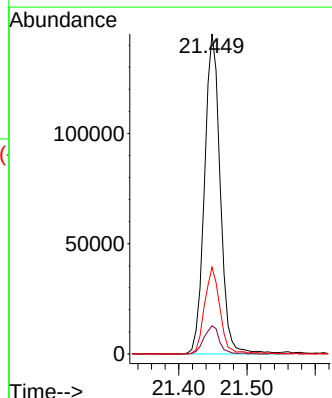
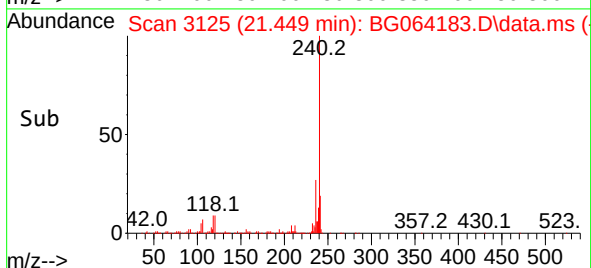
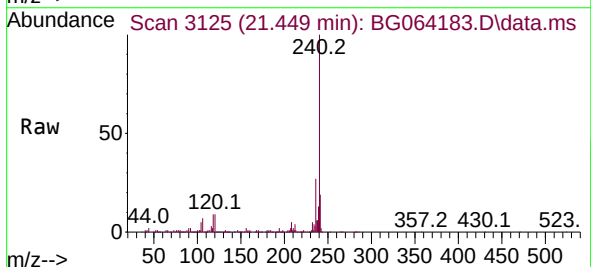


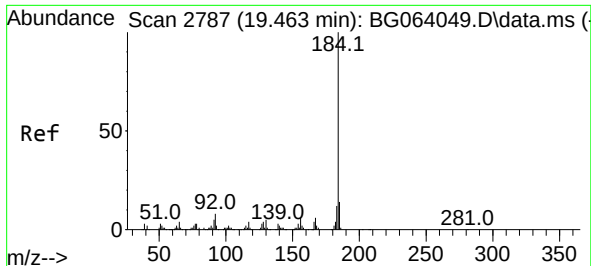
Tgt Ion:248 Resp: 15531
Ion Ratio Lower Upper
248 100
250 177.7 77.1 115.7#
141 565.4 59.8 89.8#



#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

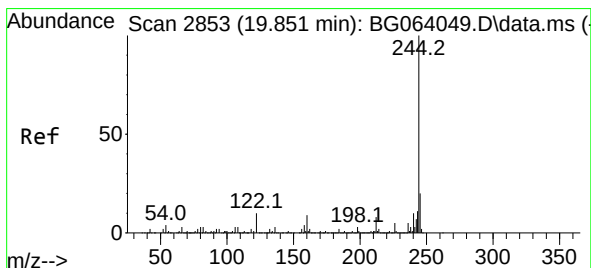
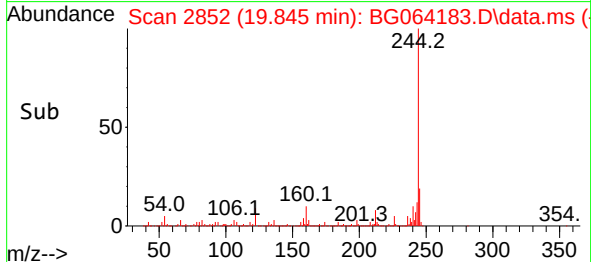
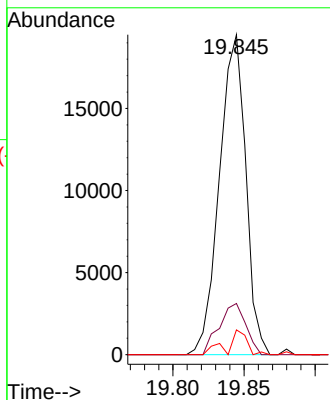
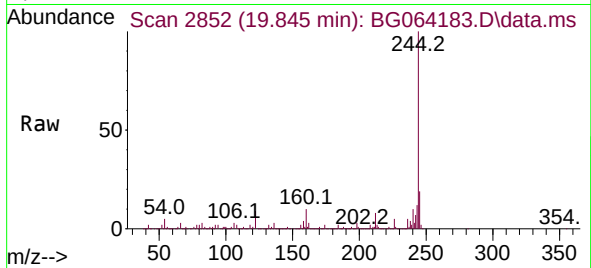




#77
Benzidine
Concen: 7.783 ng
RT: 19.845 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

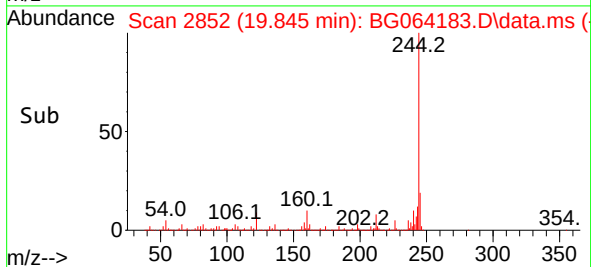
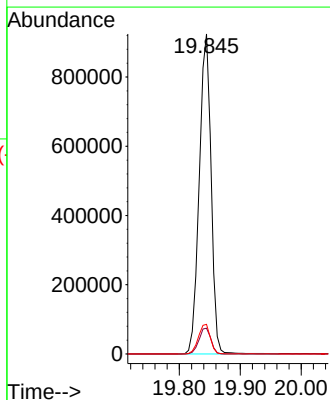
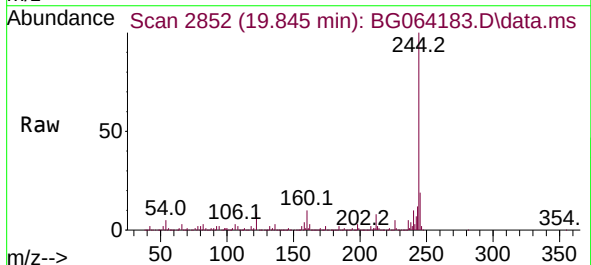
Instrument :
BNA_G
ClientSampleId :

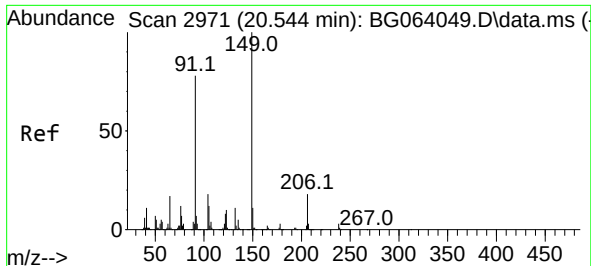
Tgt Ion:184 Resp: 25107
Ion Ratio Lower Upper
184 100
185 16.0 11.3 16.9
183 7.8 9.5 14.3#



#79
Terphenyl-d14
Concen: 108.201 ng
RT: 19.845 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BG064183.D
Acq: 4 Apr 2025 2:04

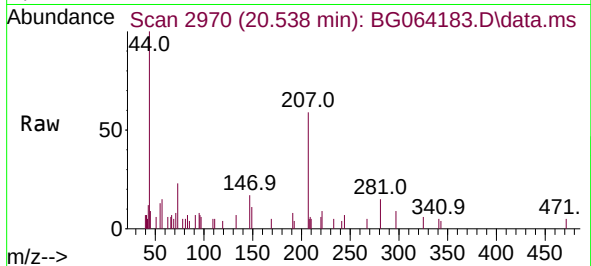
Tgt Ion:244 Resp: 1246568
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.4
122 9.3 8.0 12.0



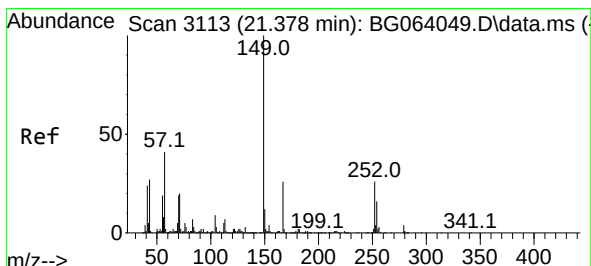
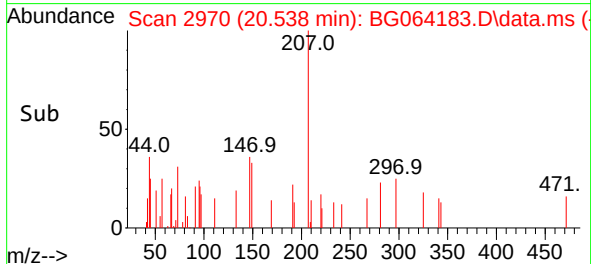
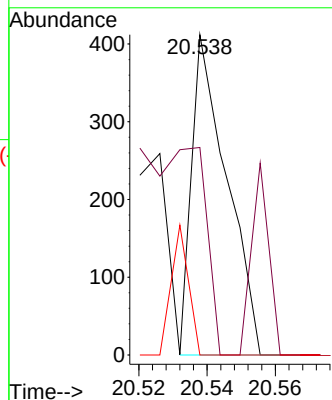


#80
 Butylbenzylphthalate
 Concen: 3.686 ng
 RT: 20.538 min Scan# 2971
 Delta R.T. -0.006 min
 Lab File: BG064183.D
 Acq: 4 Apr 2025 2:04

Instrument :
 BNA_G
 ClientSampleId :

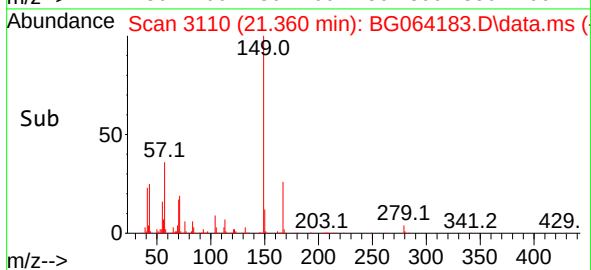
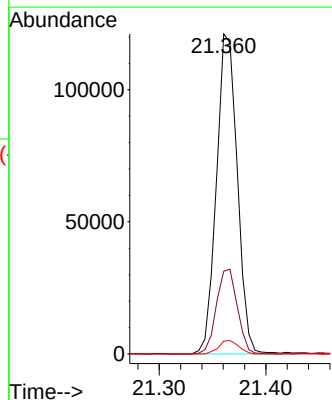
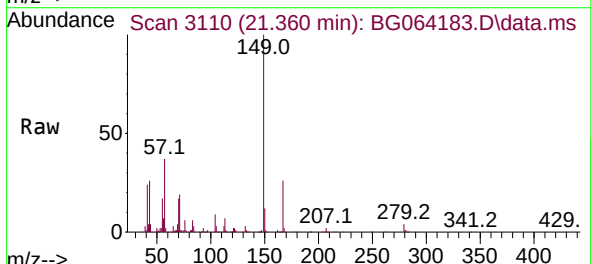


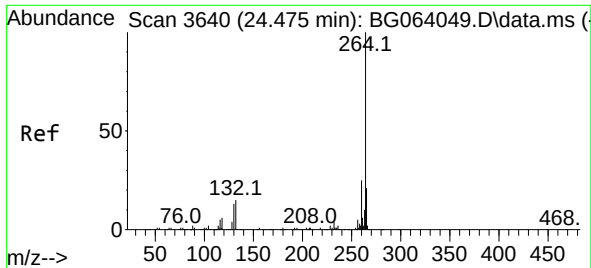
Tgt Ion:149 Resp: 295
 Ion Ratio Lower Upper
 149 100
 91 64.8 62.0 93.0
 206 0.0 14.6 21.8#



#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

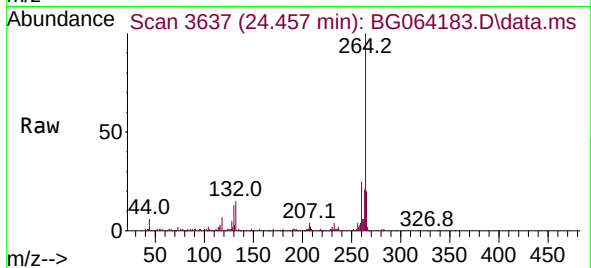
Tgt Ion:149 Resp: 164443
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.6
 279 4.0 2.8 4.2





#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 :



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

