

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064144.D
 Acq On : 1 Apr 2025 21:06
 Operator : RC/JU
 Sample : Q1664-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-008-01

Quant Time: Apr 02 01:36:42 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)

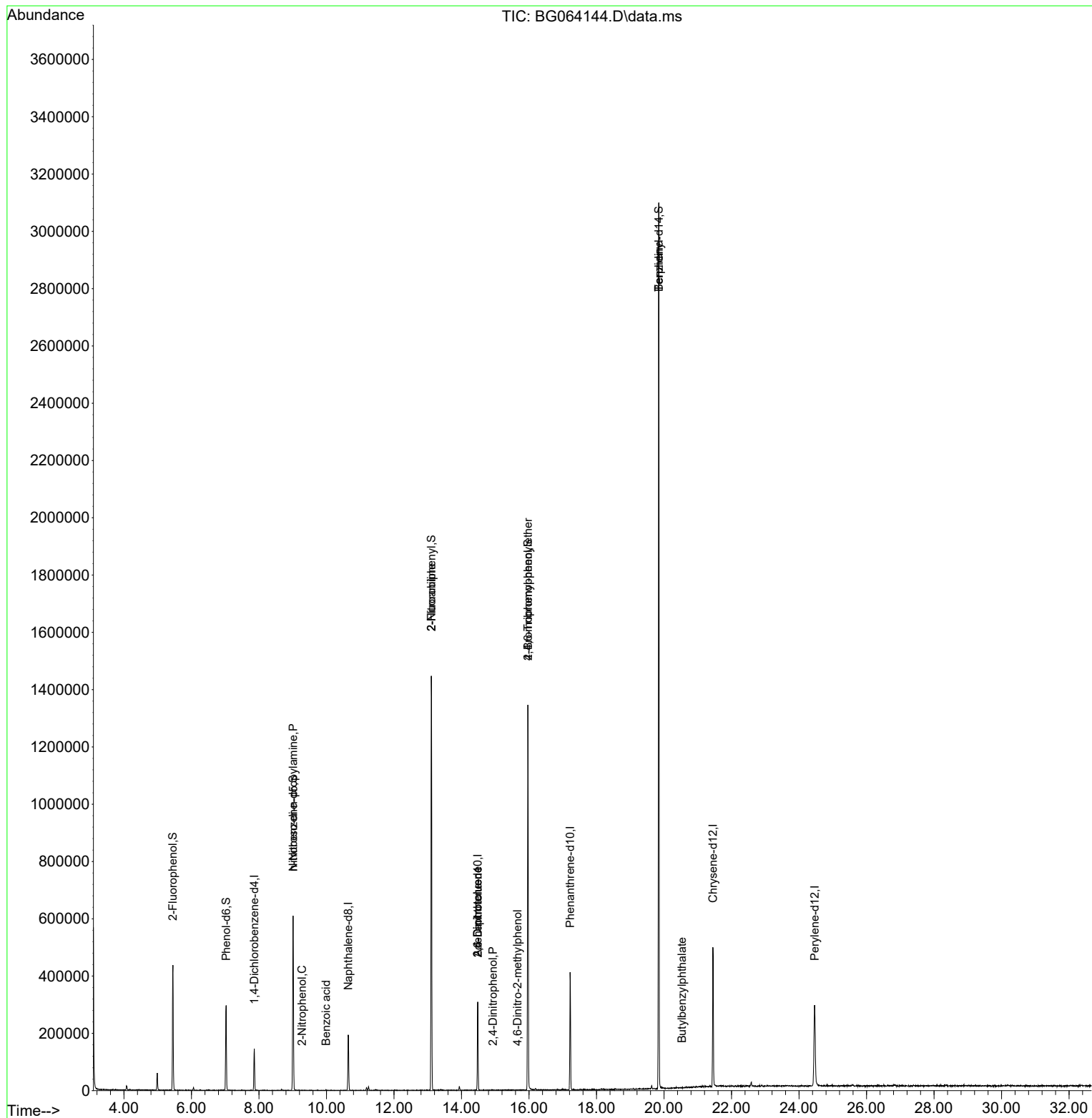
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	34102	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	146359	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	99405	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	239679	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	275927	20.000	ng	-0.01
86) Perylene-d12	24.463	264	287353	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	168794	77.287	ng	0.00
7) Phenol-d6	7.025	99	140285	47.217	ng	0.00
23) Nitrobenzene-d5	9.011	82	315012	118.942	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	219406	198.565	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	696984	106.427	ng	-0.01
79) Terphenyl-d14	19.845	244	1409042	103.255	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.011	70	44689	21.432	ng	# 73
26) 2-Nitrophenol	9.275	139	56	3.348	ng	# 26
32) Benzoic acid	9.986	122	70	8.729	ng	# 1
48) 2-Nitroaniline	13.106	65	1595	4.152	ng	# 14
51) 2,6-Dinitrotoluene	14.481	165	13054	11.513	ng	# 15
54) 2,4-Dinitrophenol	14.933	184	67	7.979	ng	# 15
57) 2,4-Dinitrotoluene	14.481	165	13054	9.518	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.656	198	57	8.224	ng	# 23
67) 4-Bromophenyl-phenylether	15.967	248	15121	6.160	ng	# 1
77) Benzidine	19.845	184	27505	7.199	ng	# 93
80) Butylbenzylphthalate	20.533	149	104	3.652	ng	# 20

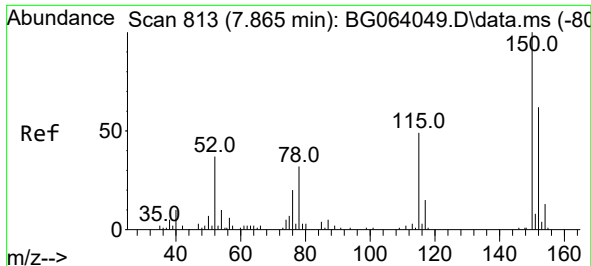
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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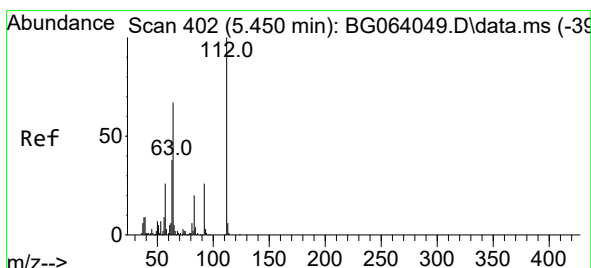
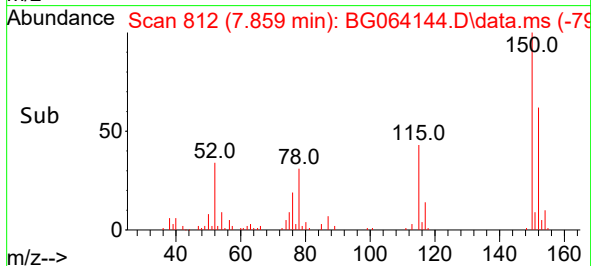
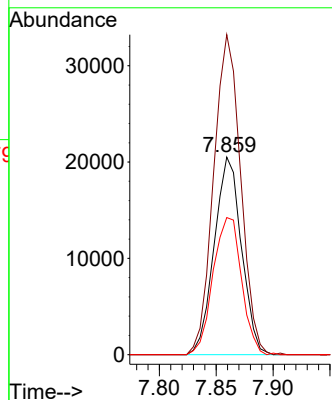
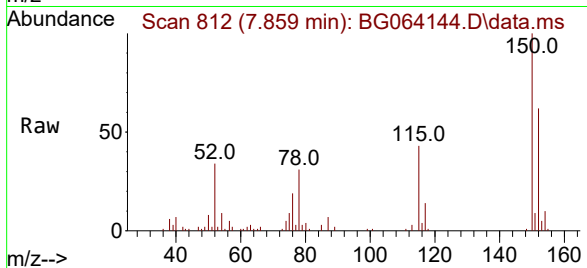




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

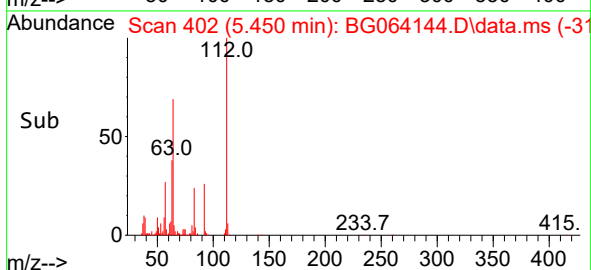
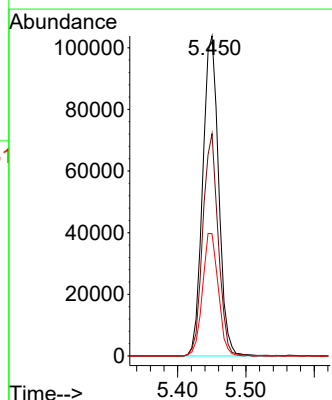
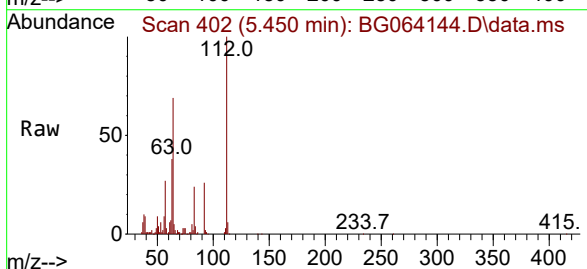
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BNA_G
ClientSampleId :
P001-BBDGA-008-01

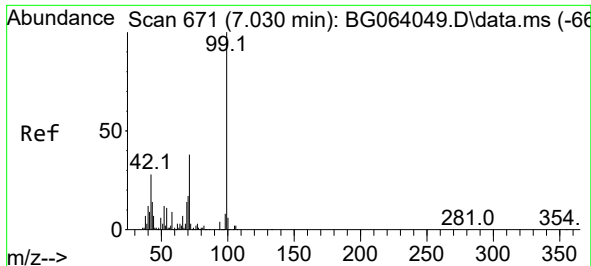
Tgt Ion:152 Resp: 34102
Ion Ratio Lower Upper
152 100
150 161.9 129.2 193.8
115 69.4 63.0 94.6



#5
2-Fluorophenol
Concen: 77.287 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:112 Resp: 168794
Ion Ratio Lower Upper
112 100
64 69.5 53.7 80.5
63 38.2 30.2 45.4

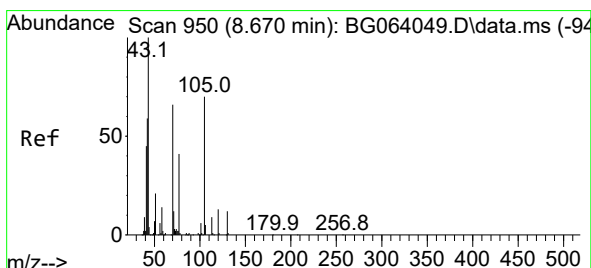
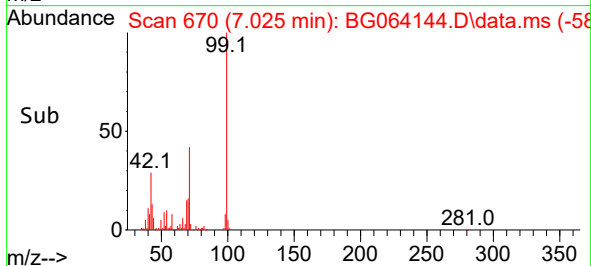
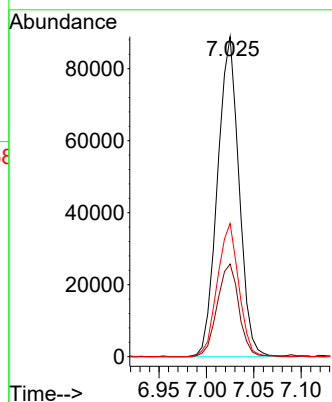
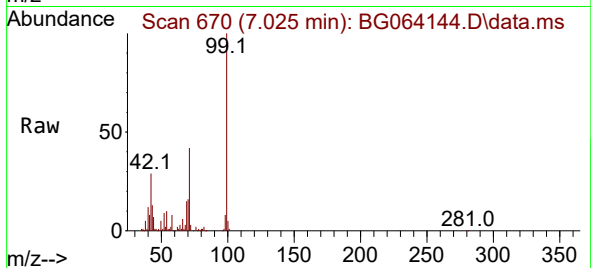




#7
Phenol-d6
Concen: 47.217 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

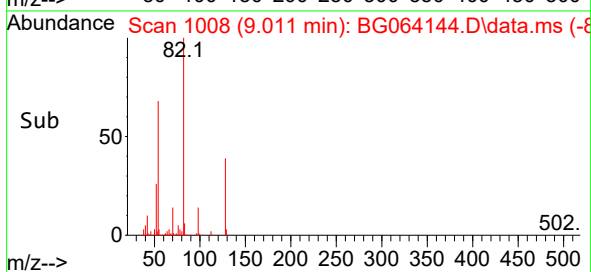
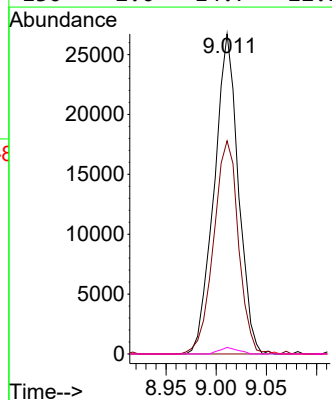
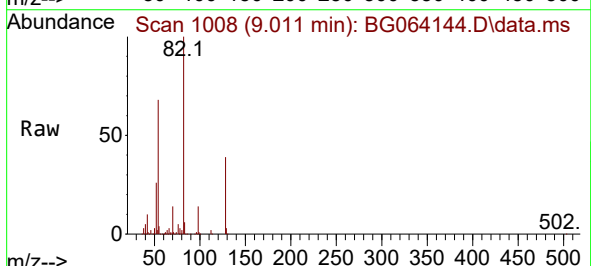
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

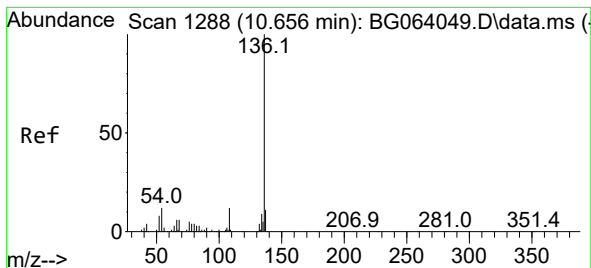
Tgt Ion: 99 Resp: 140285
Ion Ratio Lower Upper
99 100
42 28.9 22.7 34.1
71 41.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.432 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion: 70 Resp: 44689
Ion Ratio Lower Upper
70 100
42 66.6 72.1 108.1#
101 0.0 7.2 10.8#
130 2.0 14.7 22.1#

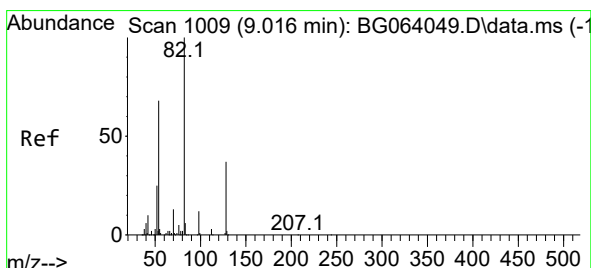
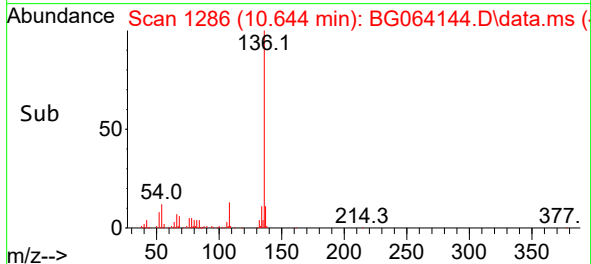
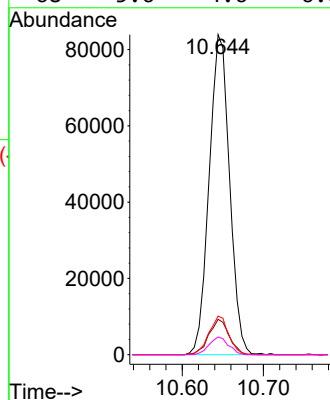
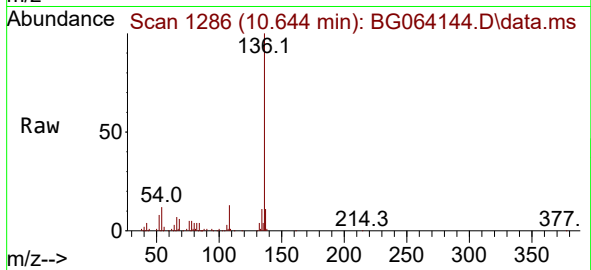




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

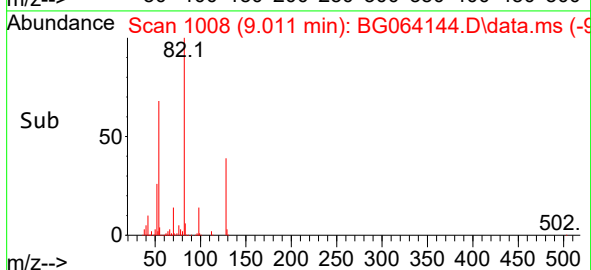
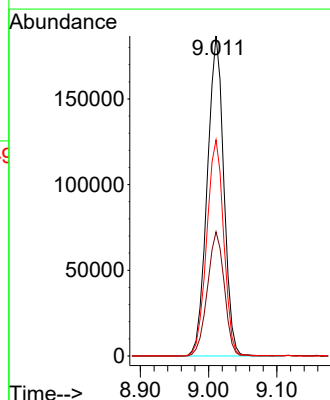
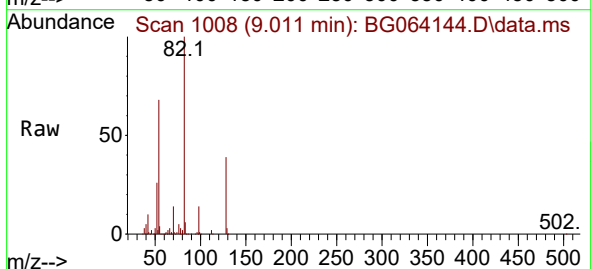
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

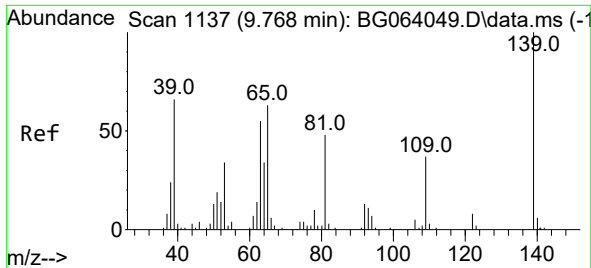
Tgt Ion:	136	Resp:	146359
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	12.0	9.9	14.9
68	5.6	4.6	6.8



#23
Nitrobenzene-d5
Concen: 118.942 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:	82	Resp:	315012
Ion Ratio	Lower	Upper	
82	100		
128	38.8	30.0	45.0
54	67.6	54.7	82.1

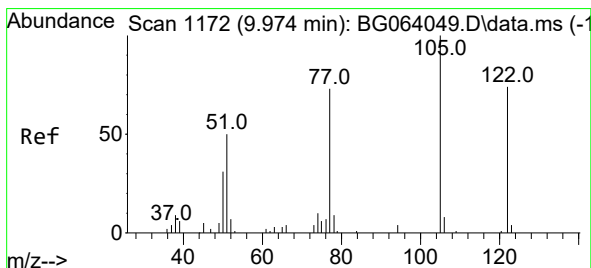
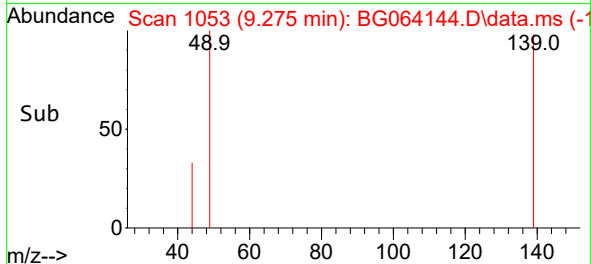
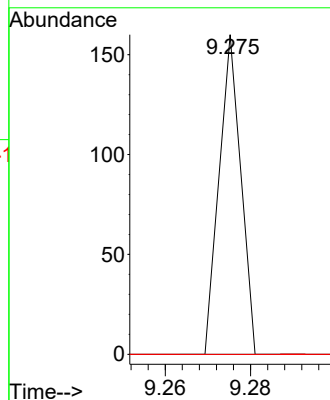
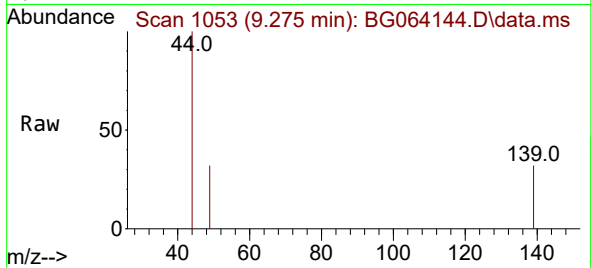




#26
2-Nitrophenol
Concen: 3.348 ng
RT: 9.275 min Scan# 1053
Delta R.T. -0.493 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

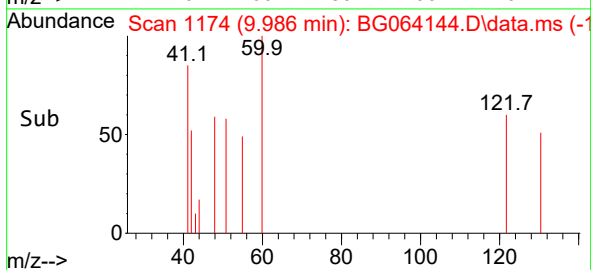
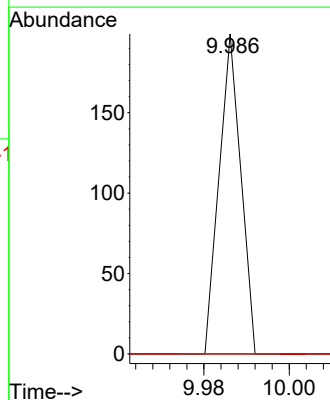
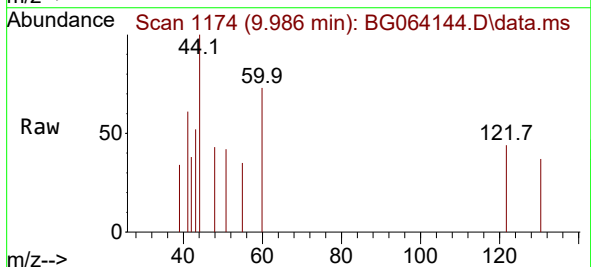
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

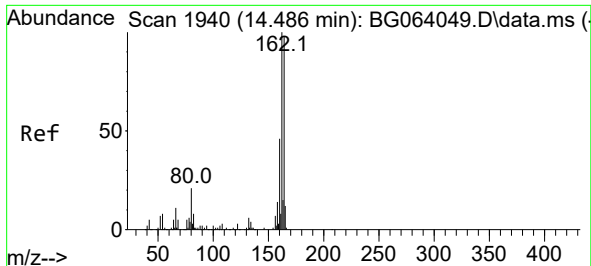
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#32
Benzoic acid
Concen: 8.729 ng
RT: 9.986 min Scan# 1174
Delta R.T. 0.012 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#

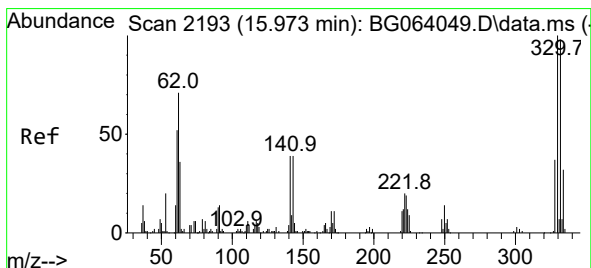
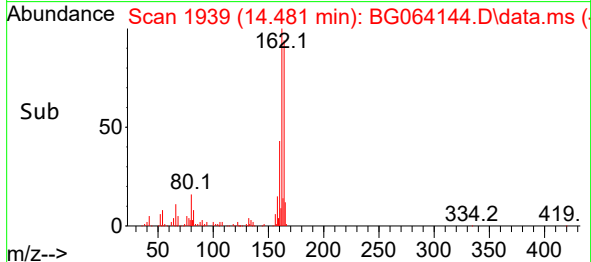
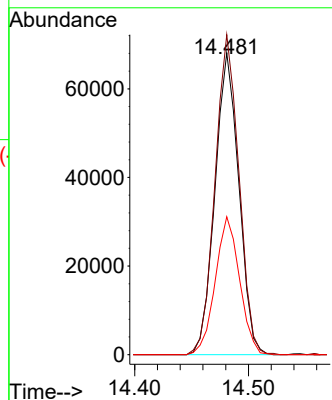
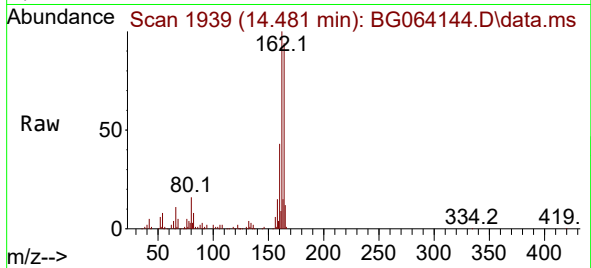




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

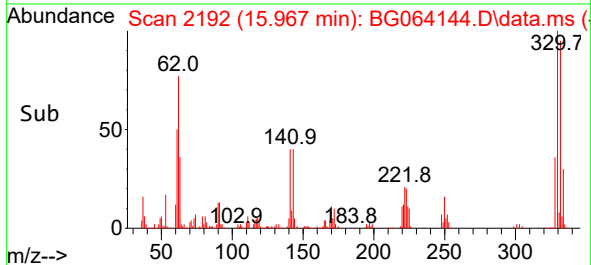
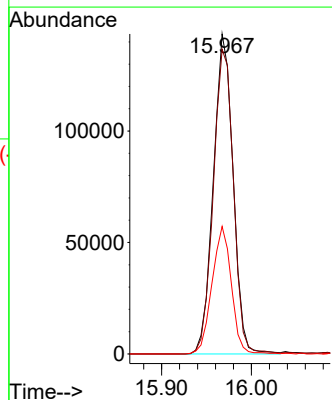
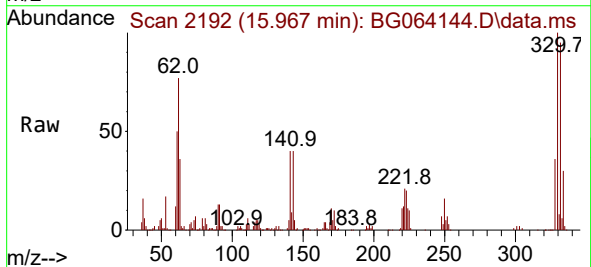
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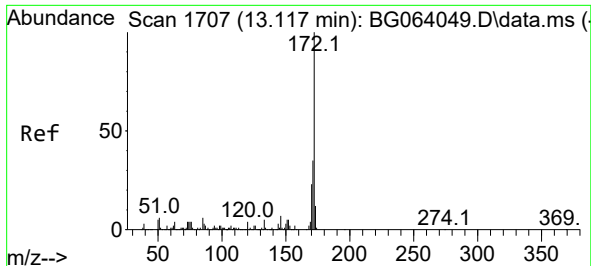
Tgt Ion:164 Resp: 99405
Ion Ratio Lower Upper
164 100
162 106.0 81.4 122.0
160 45.7 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 198.565 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:330 Resp: 219406
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 39.0 29.7 44.5

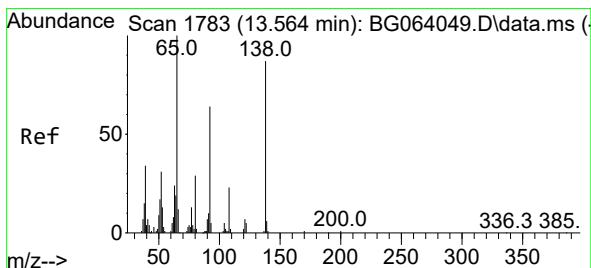
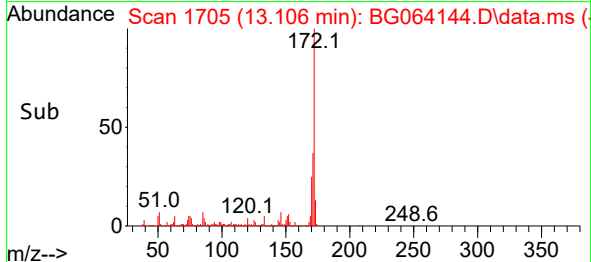
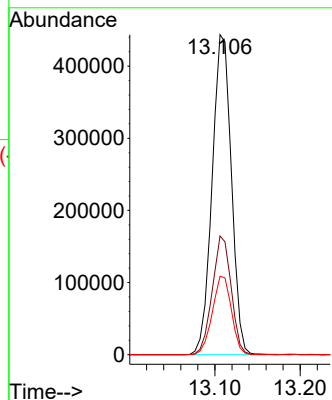
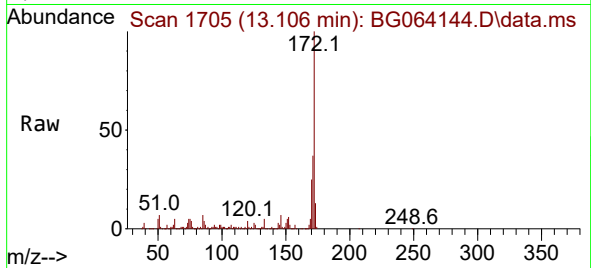




#45
2-Fluorobiphenyl
Concen: 106.427 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

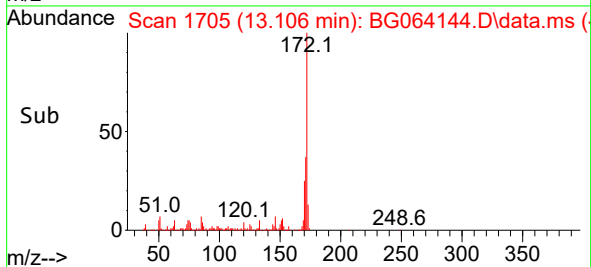
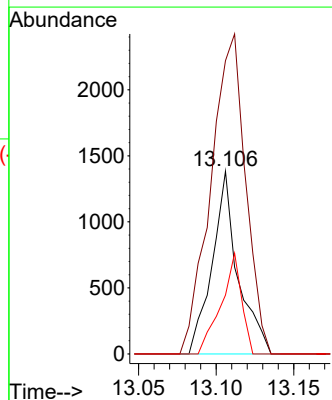
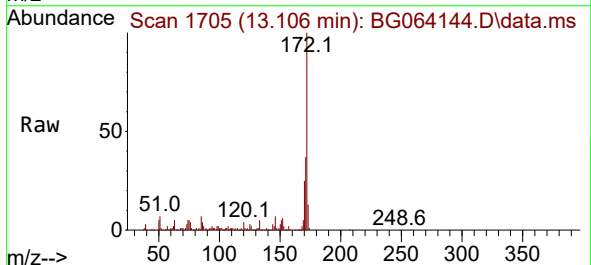
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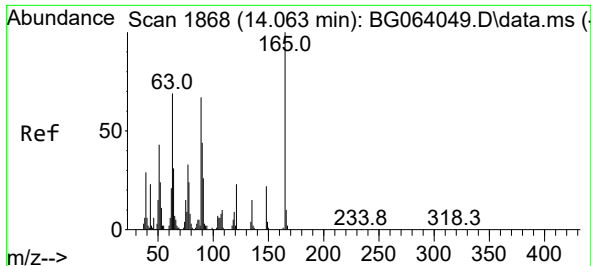
Tgt Ion:172 Resp: 696984
Ion Ratio Lower Upper
172 100
171 37.1 28.0 42.0
170 24.5 18.7 28.1



#48
2-Nitroaniline
Concen: 4.152 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.458 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion: 65 Resp: 1595
Ion Ratio Lower Upper
65 100
92 160.5 51.2 76.8#
138 32.2 69.4 104.2#

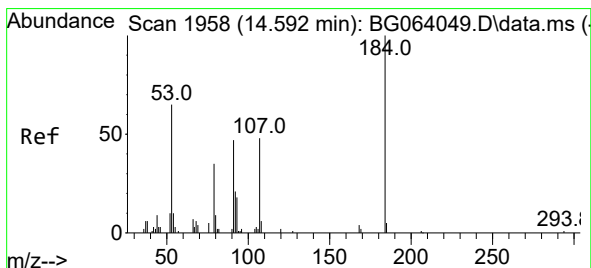
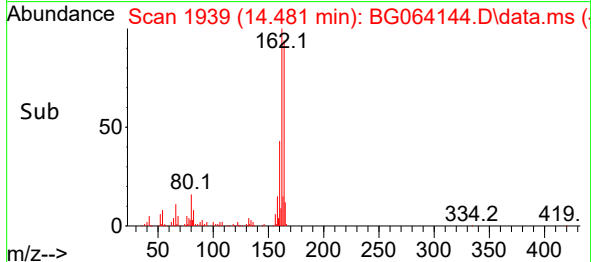
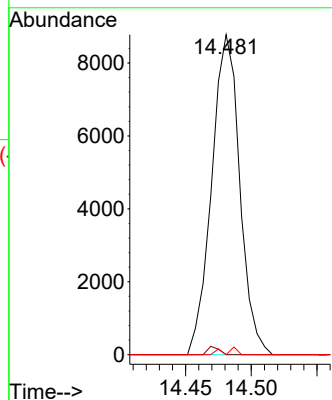
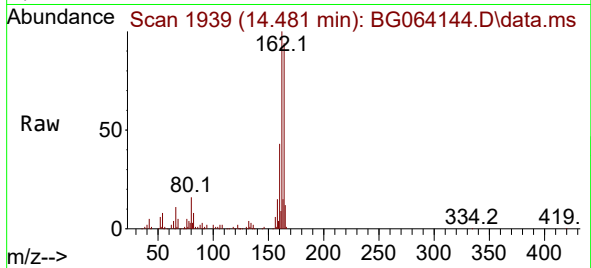




#51
2,6-Dinitrotoluene
Concen: 11.513 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.418 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

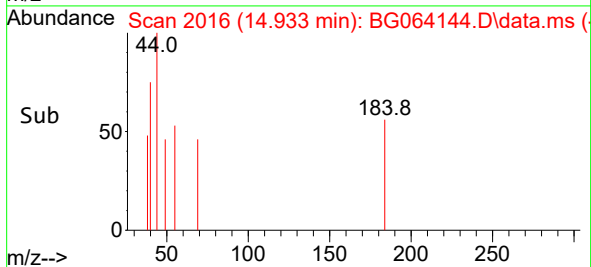
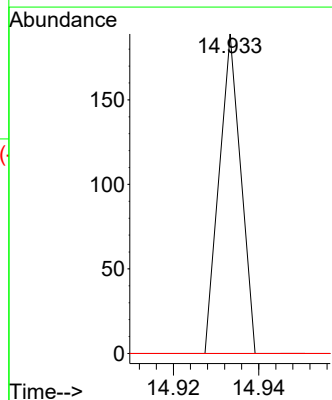
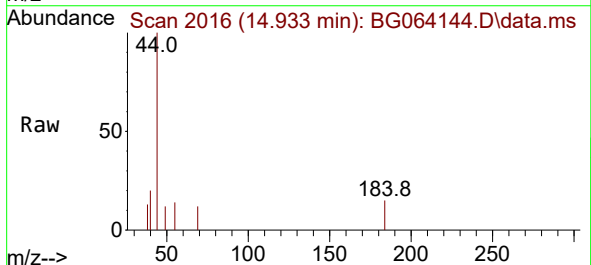
Instrument :
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ClientSampleId :
P001-BBDGA-008-01

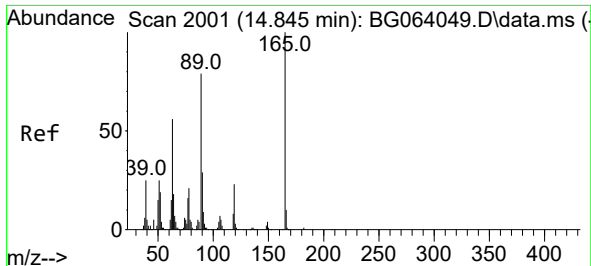
Tgt Ion:165 Resp: 13054
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 53.7 80.5#



#54
2,4-Dinitrophenol
Concen: 7.979 ng
RT: 14.933 min Scan# 2016
Delta R.T. 0.341 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#





#57

2,4-Dinitrotoluene

Concen: 9.518 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.364 min

Lab File: BG064144.D

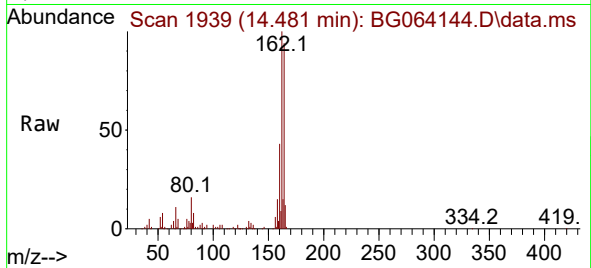
Acq: 1 Apr 2025 21:06

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-008-01



Tgt Ion:165 Resp: 13054

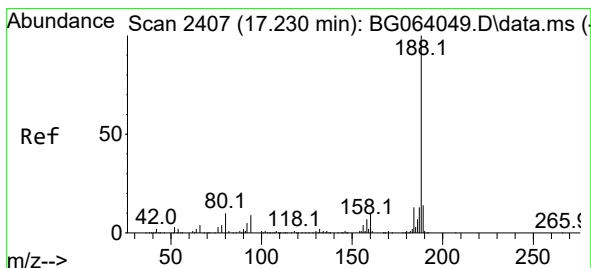
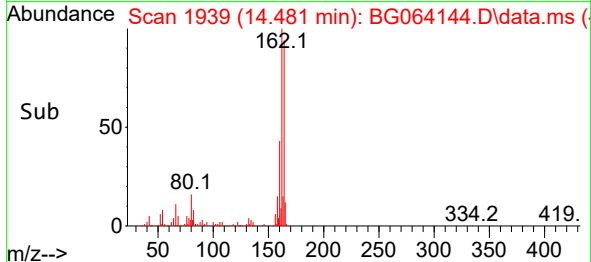
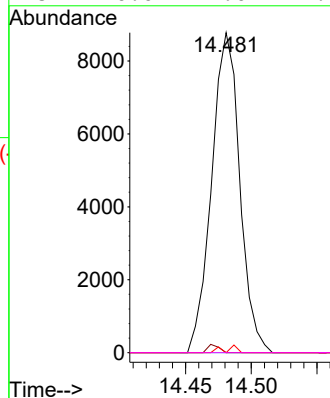
Ion Ratio Lower Upper

165 100

63 0.0 45.0 67.6#

89 0.0 63.1 94.7#

182 0.0 1.0 1.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 2405

Delta R.T. -0.011 min

Lab File: BG064144.D

Acq: 1 Apr 2025 21:06

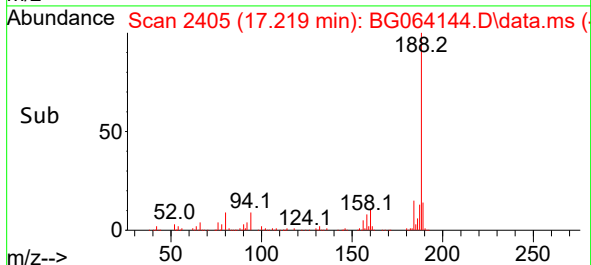
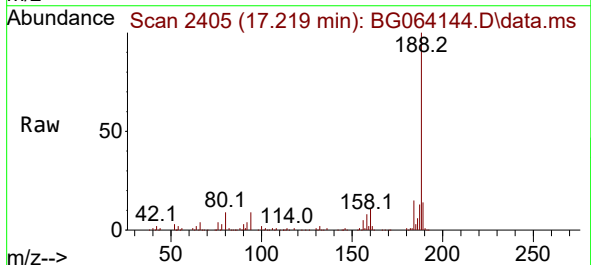
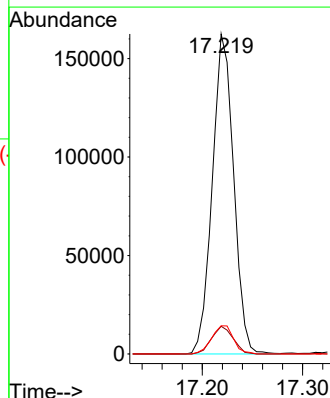
Tgt Ion:188 Resp: 239679

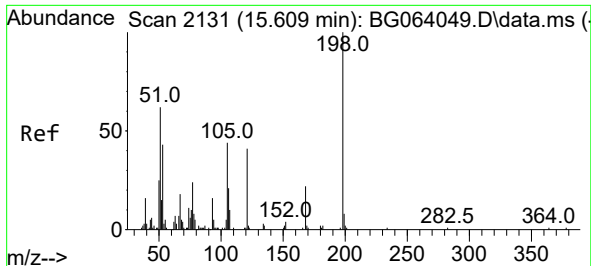
Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

80 8.8 8.1 12.1

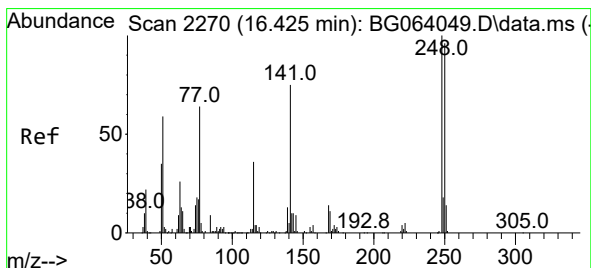
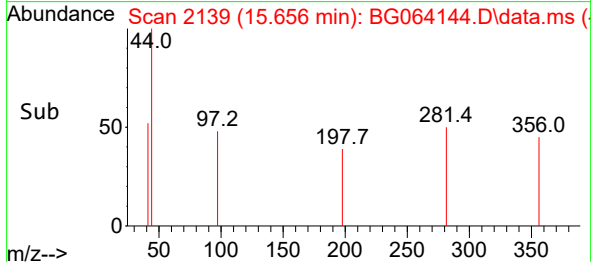
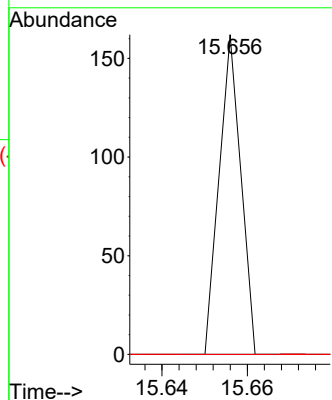
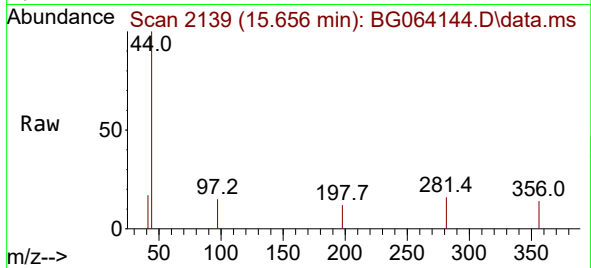




#65
4,6-Dinitro-2-methylphenol
Concen: 8.224 ng
RT: 15.656 min Scan# 2131
Delta R.T. 0.047 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

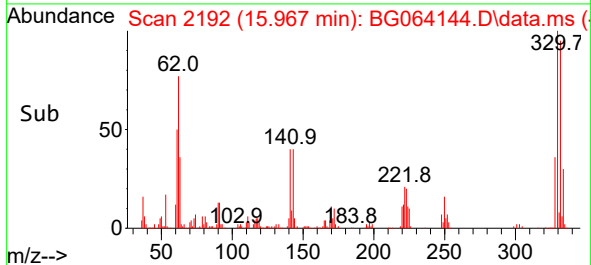
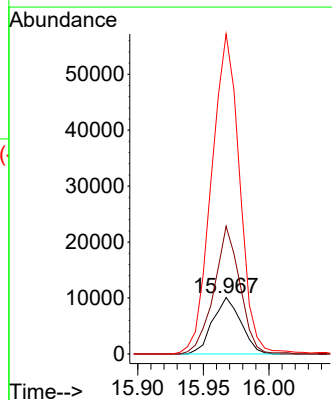
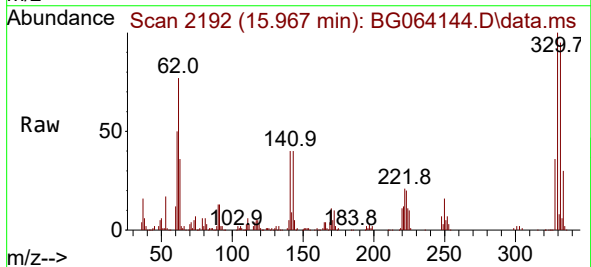
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

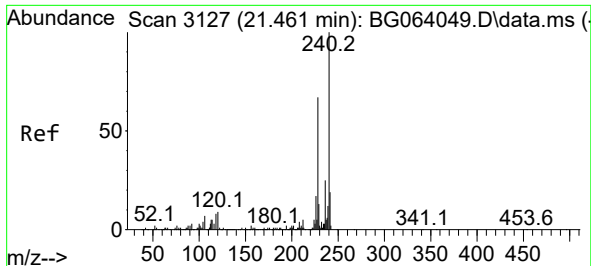
Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 0.0 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 6.160 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.458 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:248 Resp: 15121
Ion Ratio Lower Upper
248 100
250 225.7 77.1 115.7#
141 565.8 59.8 89.8#

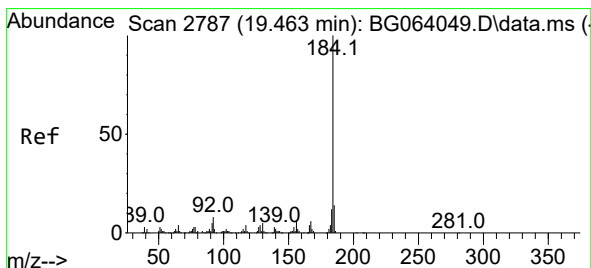
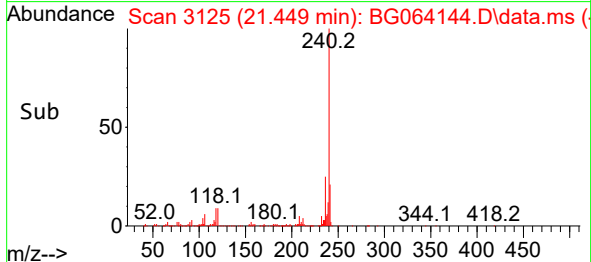
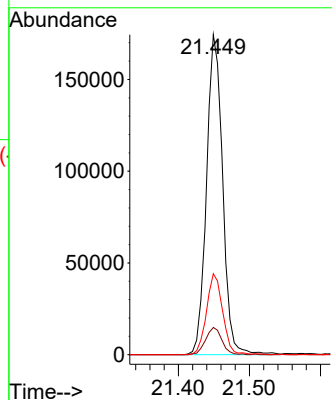
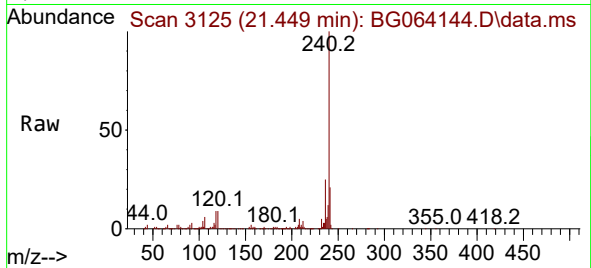




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

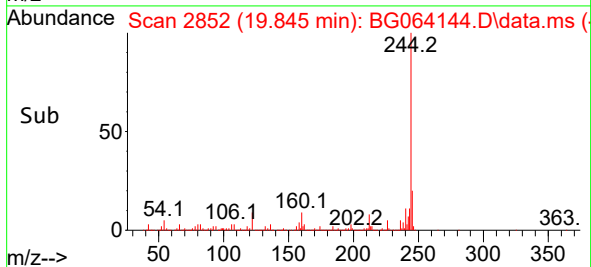
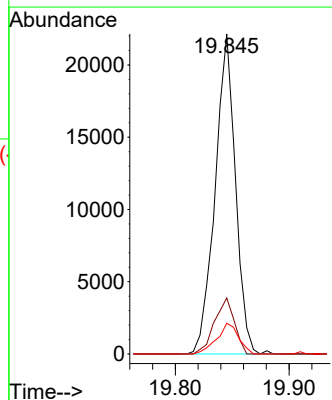
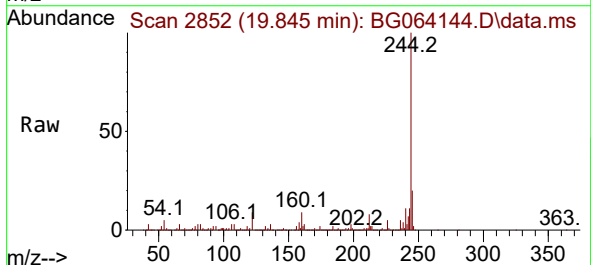
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01

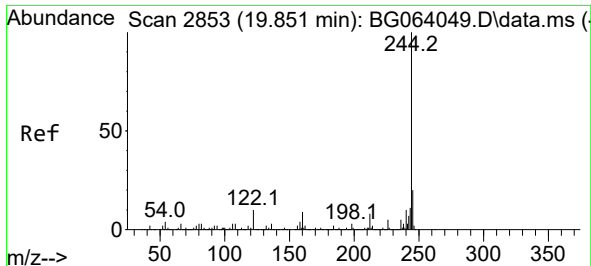
Tgt Ion:240 Resp: 275927
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 25.3 20.2 30.2



#77
Benzidine
Concen: 7.199 ng
RT: 19.845 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Tgt Ion:184 Resp: 27505
Ion Ratio Lower Upper
184 100
185 17.5 11.3 16.9#
183 9.6 9.5 14.3

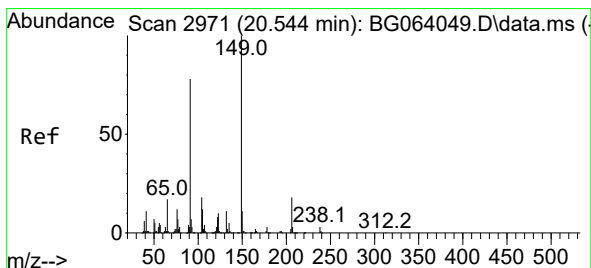
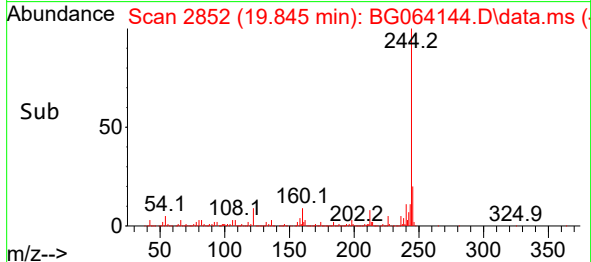
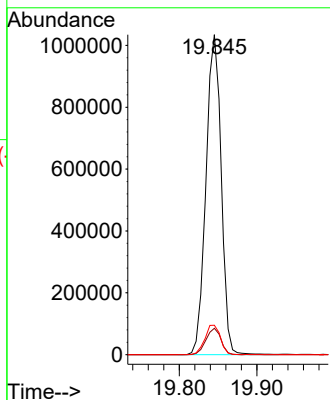
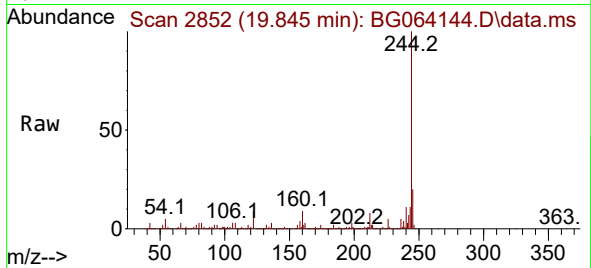




#79
 Terphenyl-d14
 Concen: 103.255 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064144.D
 Acq: 1 Apr 2025 21:06

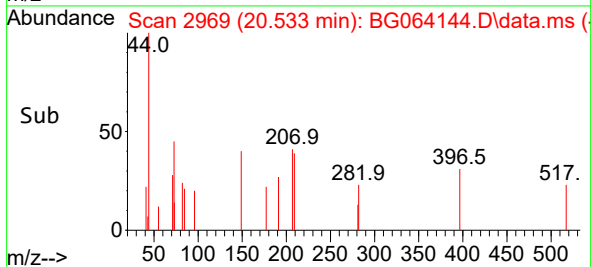
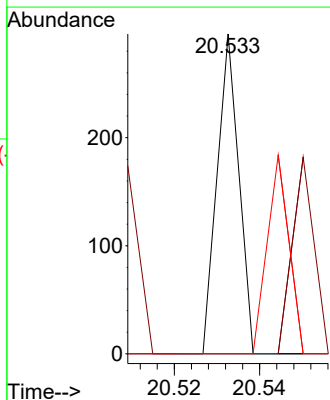
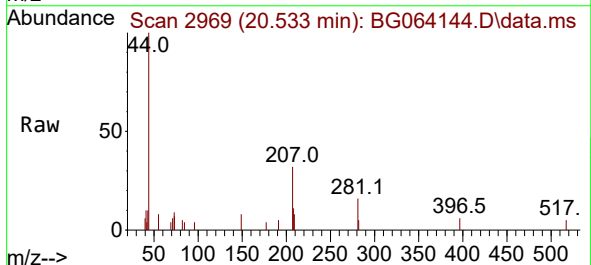
Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-008-01

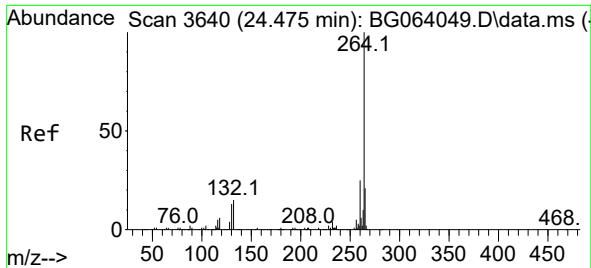
Tgt Ion:244 Resp: 1409042
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.4
 122 9.2 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.652 ng
 RT: 20.533 min Scan# 2969
 Delta R.T. -0.011 min
 Lab File: BG064144.D
 Acq: 1 Apr 2025 21:06

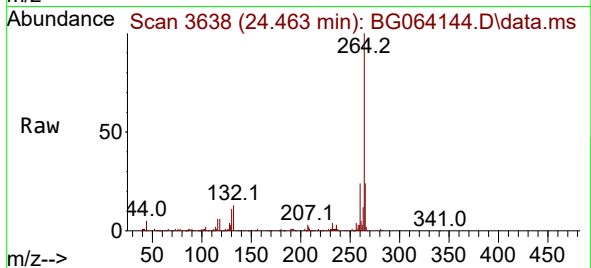
Tgt Ion:149 Resp: 104
 Ion Ratio Lower Upper
 149 100
 91 0.0 62.0 93.0#
 206 0.0 14.6 21.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG064144.D
Acq: 1 Apr 2025 21:06

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-008-01



Tgt Ion:264 Resp: 287353

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	24.0	16.6	25.0

