

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
 Data File : BG064139.D
 Acq On : 1 Apr 2025 17:45
 Operator : RC/JU
 Sample : Q1664-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-003-01

Quant Time: Apr 01 19:19:46 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)

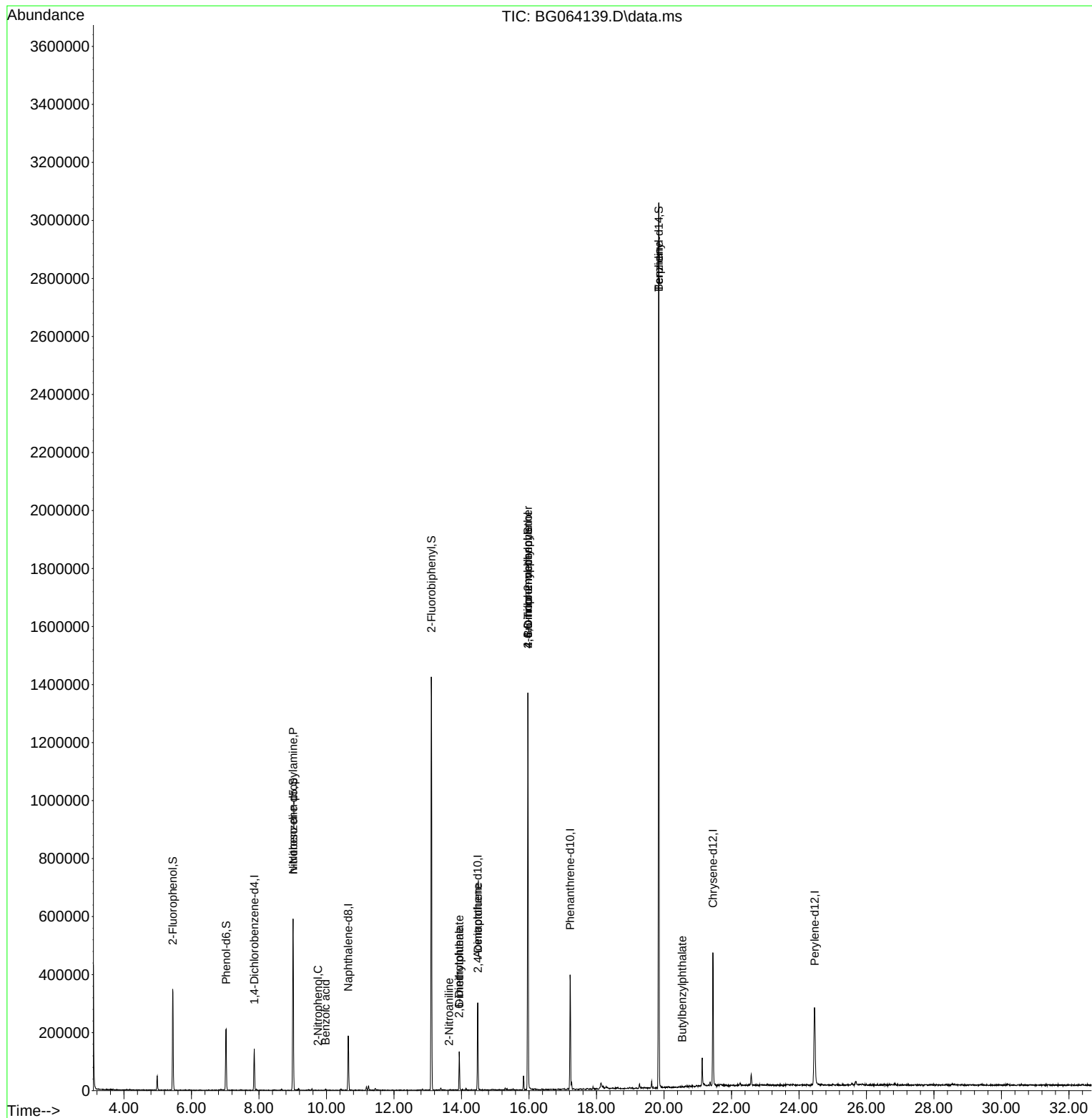
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	34101	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	141057	20.000	ng	-0.01
39) Acenaphthene-d10	14.482	164	95411	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	229133	20.000	ng	-0.01
76) Chrysene-d12	21.450	240	251581	20.000	ng	-0.01
86) Perylene-d12	24.464	264	271745	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	133858	61.292	ng	0.00
7) Phenol-d6	7.026	99	102833	34.612	ng	0.00
23) Nitrobenzene-d5	9.012	82	308859	121.002	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	218583	206.101	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	687821	109.425	ng	-0.01
79) Terphenyl-d14	19.846	244	1367884	109.939	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.012	70	42649	20.455	ng	# 74
26) 2-Nitrophenol	9.752	139	61	3.357	ng	# 26
32) Benzoic acid	9.975	122	59	8.724	ng	# 1
48) 2-Nitroaniline	13.630	65	54	3.247	ng	# 11
50) Dimethylphthalate	13.935	163	71179	10.106	ng	# 99
51) 2,6-Dinitrotoluene	13.930	165	836	3.901	ng	# 49
57) 2,4-Dinitrotoluene	14.488	165	13420	9.936	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.968	198	867	8.905	ng	# 1
67) 4-Bromophenyl-phenylether	15.968	248	16178	6.894	ng	# 1
77) Benzidine	19.846	184	26521	7.613	ng	# 97
80) Butylbenzylphthalate	20.539	149	68	3.648	ng	# 55

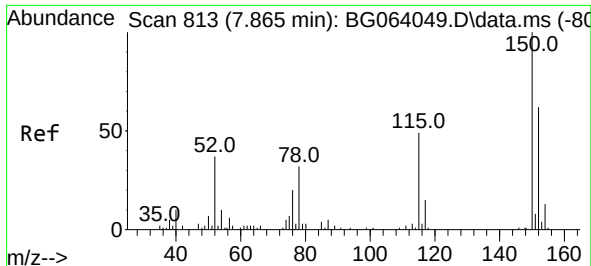
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
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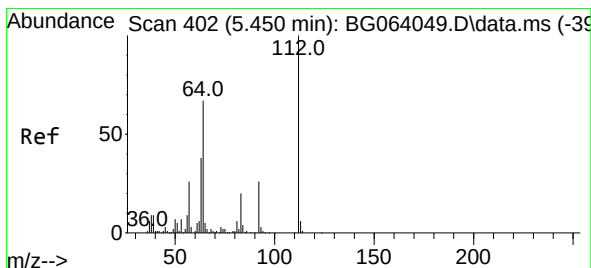
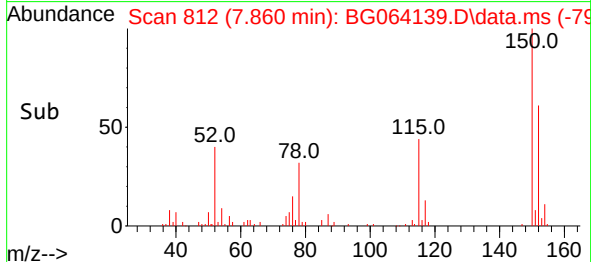
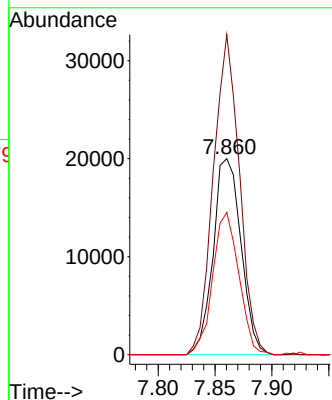
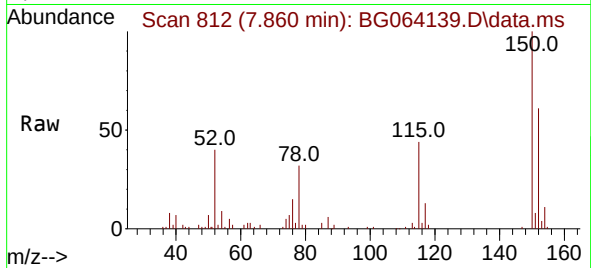




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

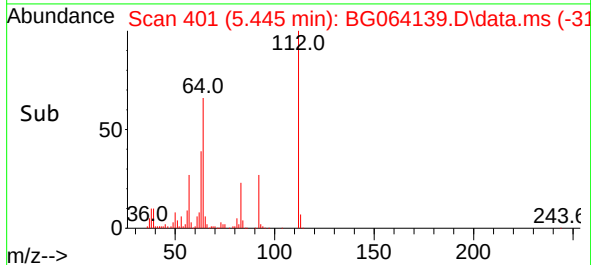
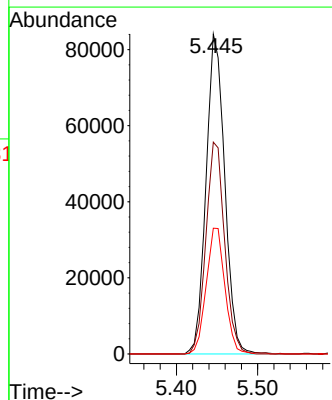
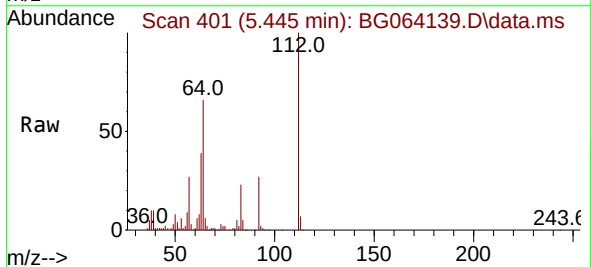
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

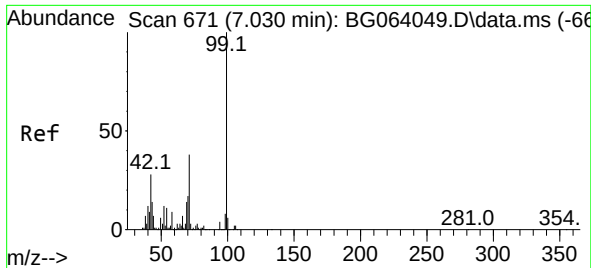
Tgt Ion:152 Resp: 34101
Ion Ratio Lower Upper
152 100
150 163.2 129.2 193.8
115 72.5 63.0 94.6



#5
2-Fluorophenol
Concen: 61.292 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion:112 Resp: 133858
Ion Ratio Lower Upper
112 100
64 66.2 53.7 80.5
63 39.3 30.2 45.4

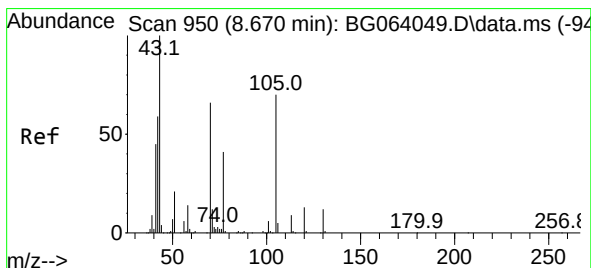
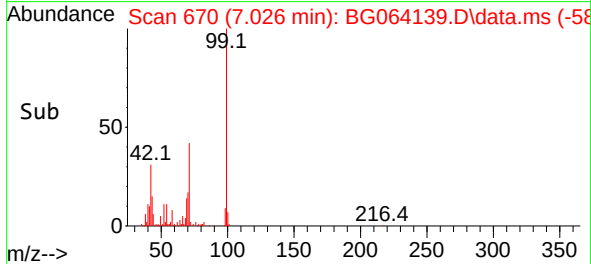
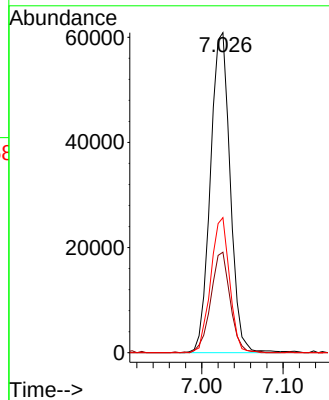
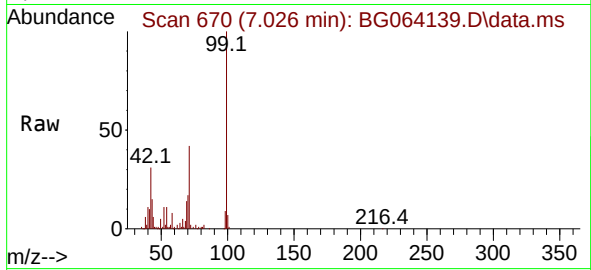




#7
Phenol-d6
Concen: 34.612 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

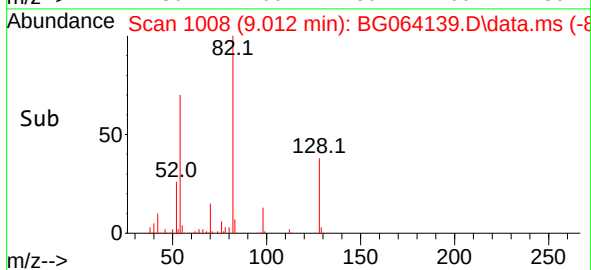
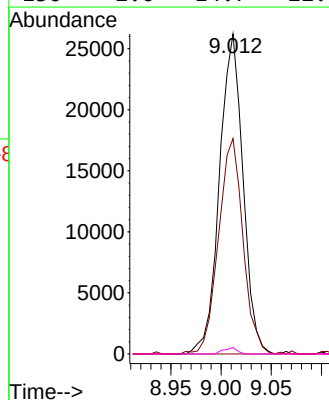
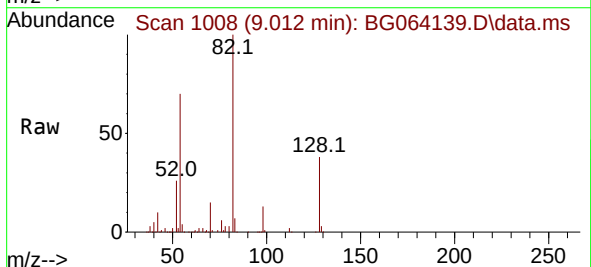
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

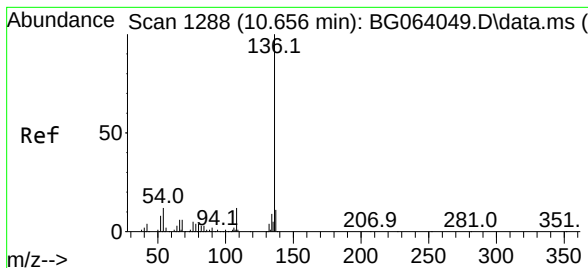
Tgt Ion: 99 Resp: 102833
Ion Ratio Lower Upper
99 100
42 31.4 22.7 34.1
71 42.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.455 ng
RT: 9.012 min Scan# 1008
Delta R.T. 0.342 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion: 70 Resp: 42649
Ion Ratio Lower Upper
70 100
42 67.3 72.1 108.1#
101 0.0 7.2 10.8#
130 2.0 14.7 22.1#

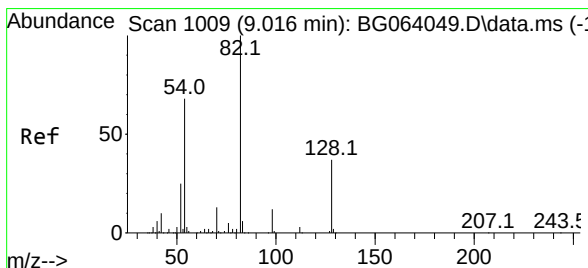
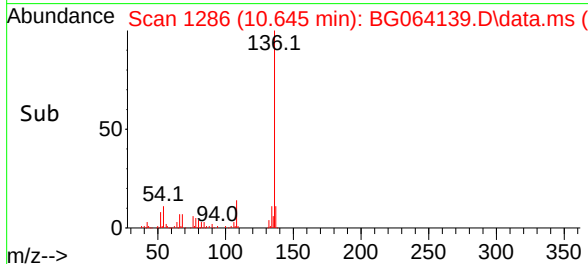
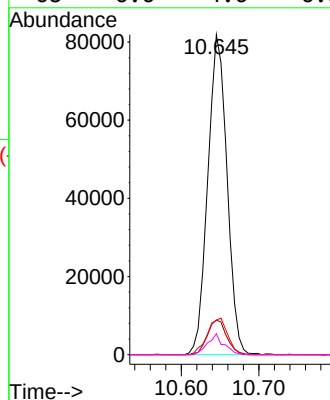
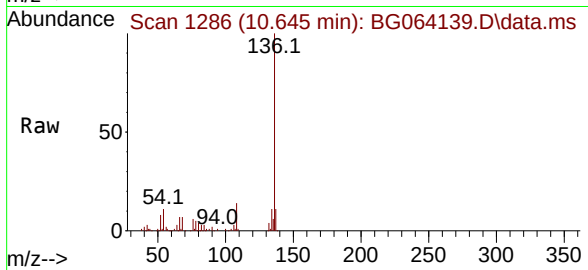




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

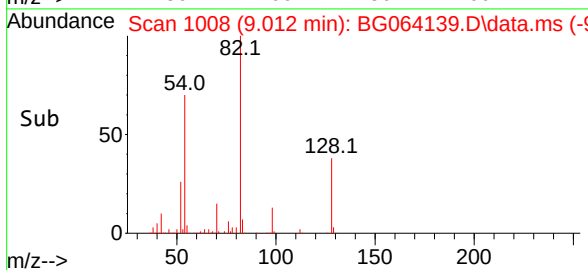
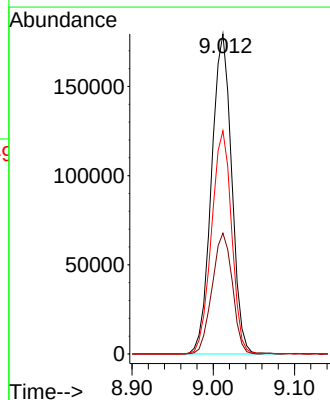
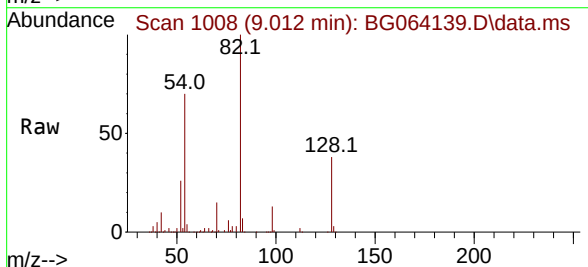
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

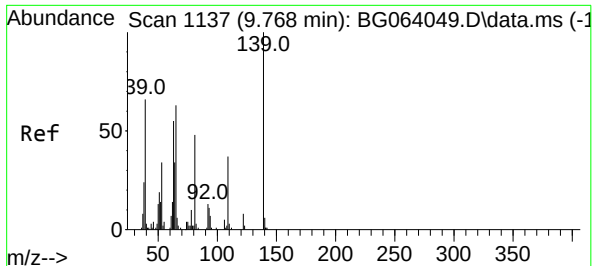
Tgt Ion:136	Resp:	141057
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	10.8	9.9 14.9
68	6.6	4.6 6.8



#23
Nitrobenzene-d5
Concen: 121.002 ng
RT: 9.012 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion: 82	Resp:	308859
Ion Ratio	Lower	Upper
82	100	
128	37.7	30.0 45.0
54	69.7	54.7 82.1

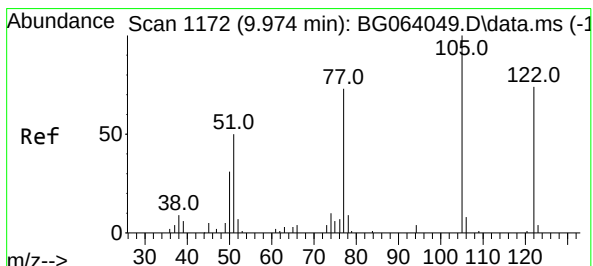
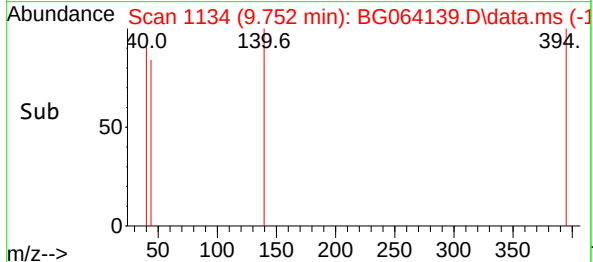
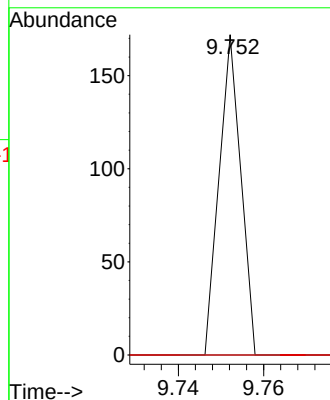
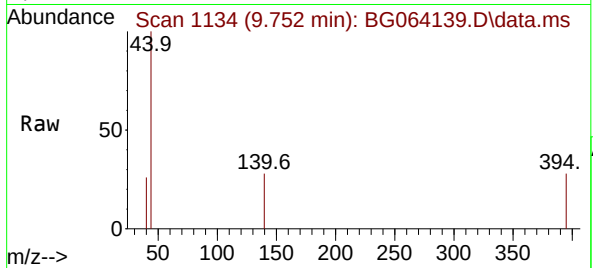




#26
2-Nitrophenol
Concen: 3.357 ng
RT: 9.752 min Scan# 1134
Delta R.T. -0.016 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

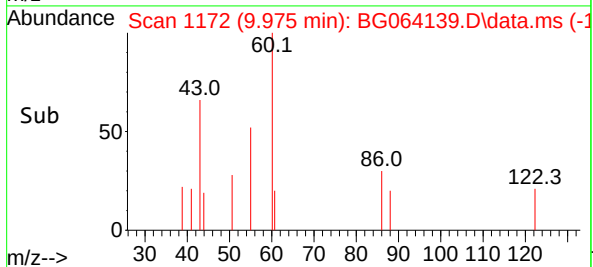
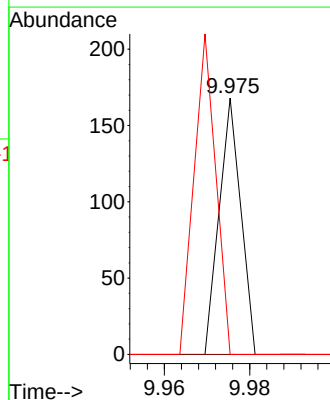
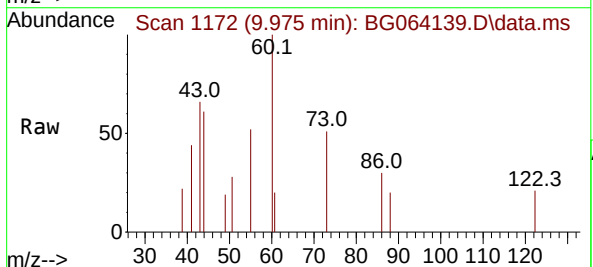
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

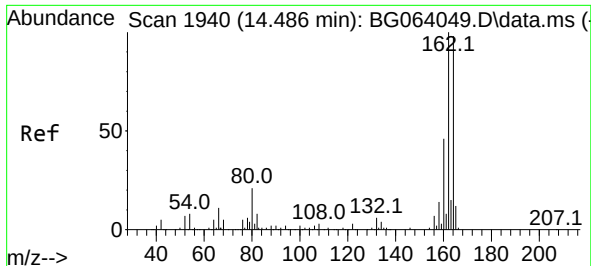
Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 50.6 76.0#



#32
Benzoic acid
Concen: 8.724 ng
RT: 9.975 min Scan# 1172
Delta R.T. 0.001 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#

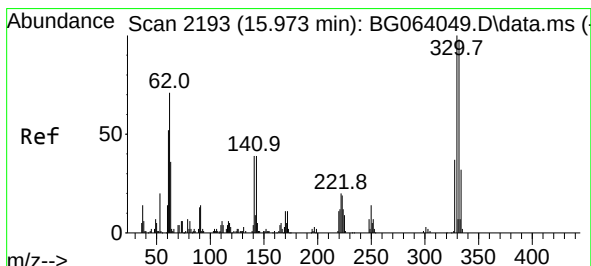
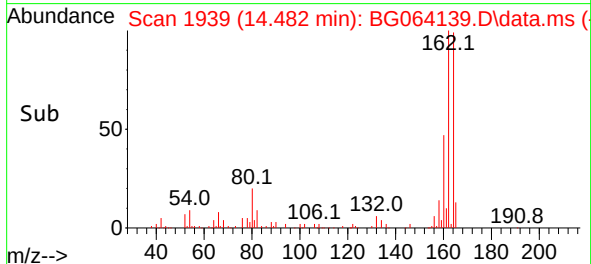
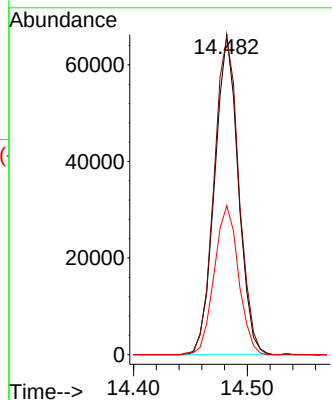
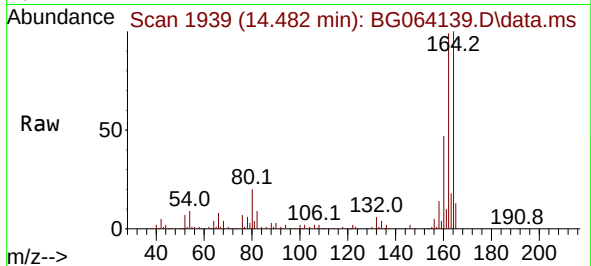




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1940
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

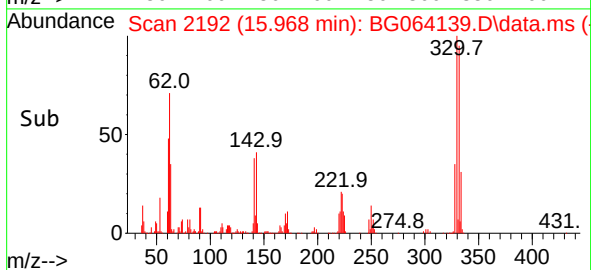
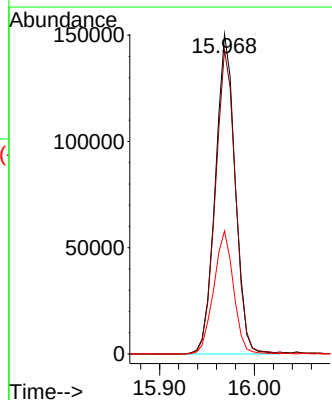
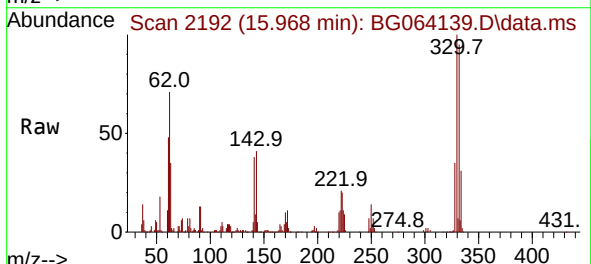
Instrument :
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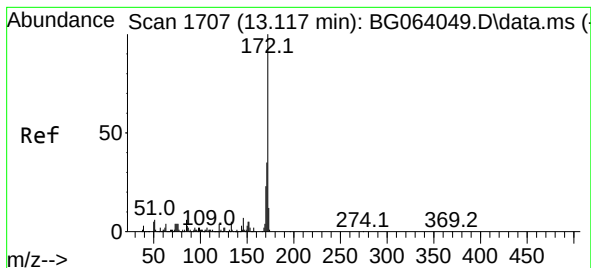
Tgt Ion:164 Resp: 95411
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 46.5 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 206.101 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion:330 Resp: 218583
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 38.4 29.7 44.5

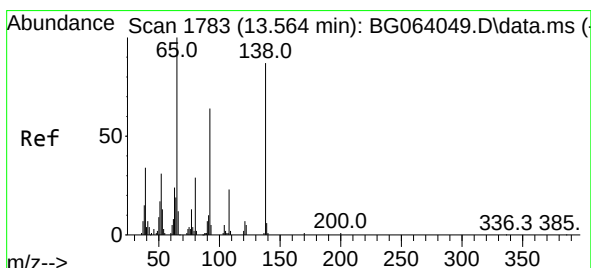
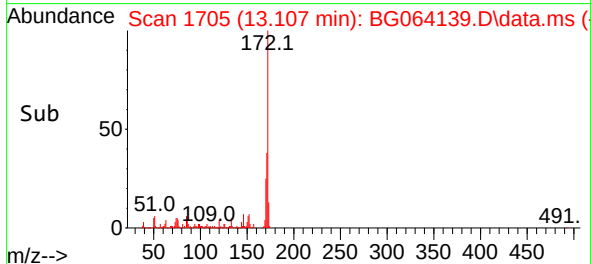
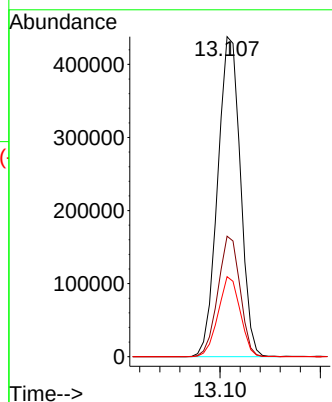
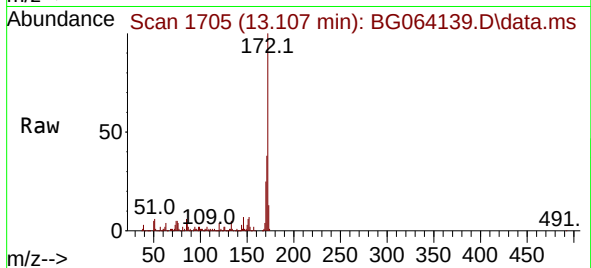




#45
2-Fluorobiphenyl
Concen: 109.425 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.010 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

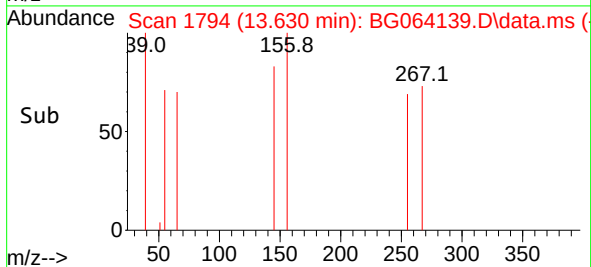
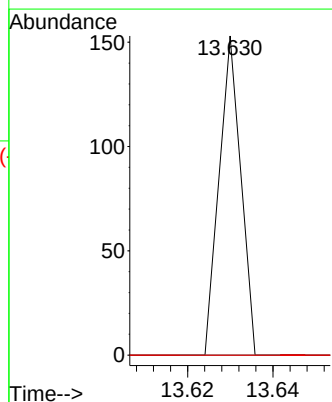
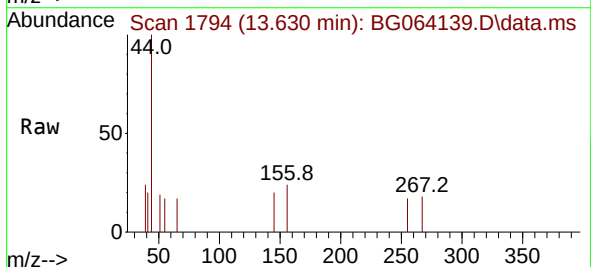
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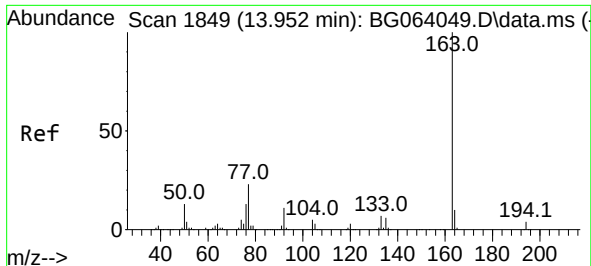
Tgt Ion:172 Resp: 687821
Ion Ratio Lower Upper
172 100
171 37.6 28.0 42.0
170 25.0 18.7 28.1



#48
2-Nitroaniline
Concen: 3.247 ng
RT: 13.630 min Scan# 1794
Delta R.T. 0.066 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#

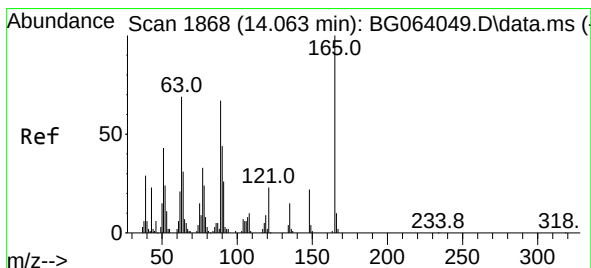
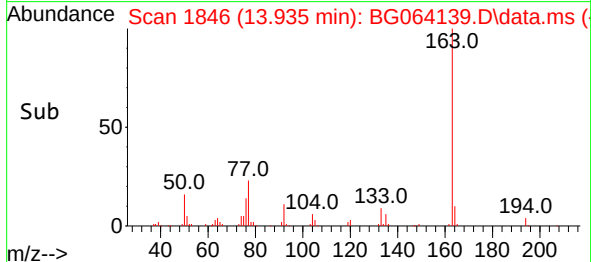
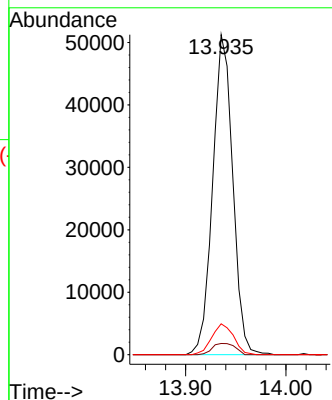
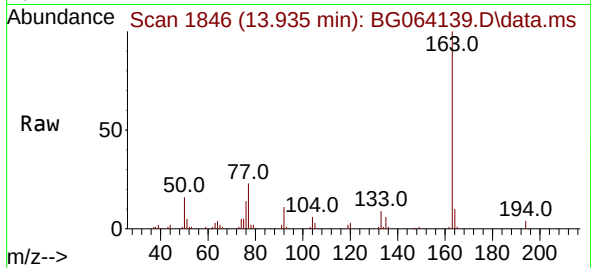




#50
Dimethylphthalate
Concen: 10.106 ng
RT: 13.935 min Scan# 1845
Delta R.T. -0.016 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

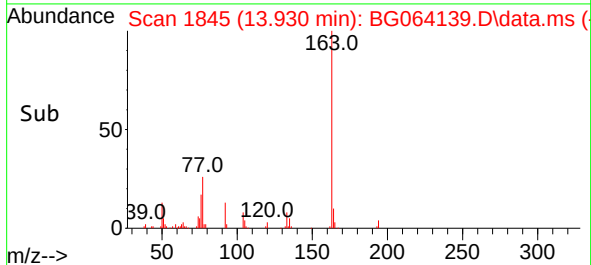
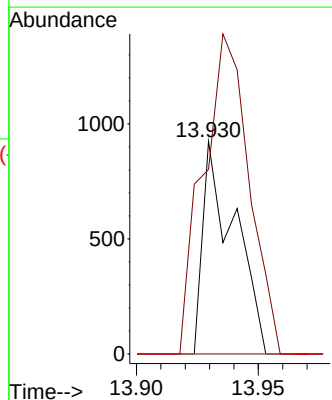
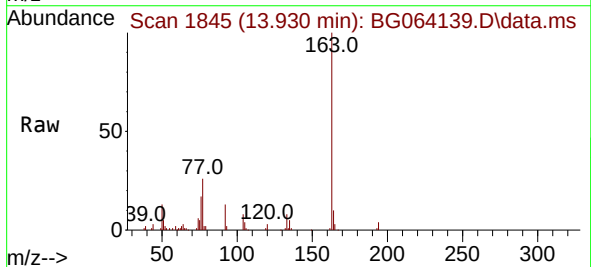
Instrument :
BNA_G
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P001-BBDGA-003-01

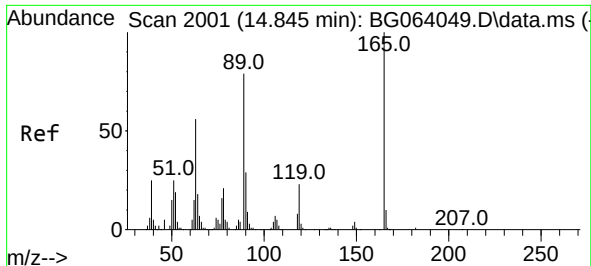
Tgt Ion:163 Resp: 71179
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.7 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 3.901 ng
RT: 13.930 min Scan# 1845
Delta R.T. -0.133 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

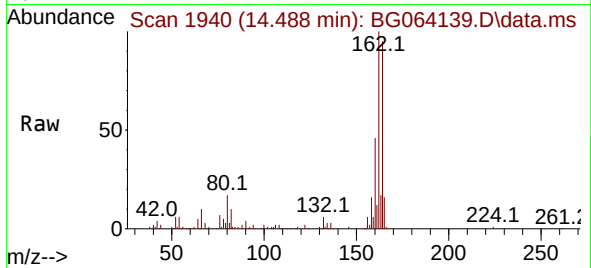
Tgt Ion:165 Resp: 836
Ion Ratio Lower Upper
165 100
63 86.8 56.7 85.1#
89 0.0 53.7 80.5#



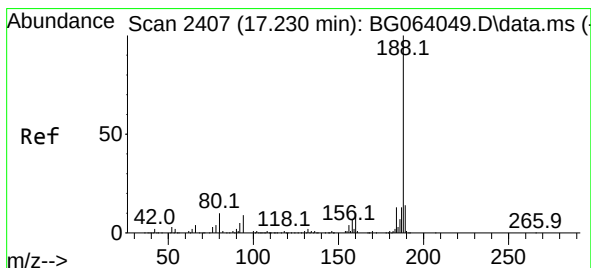
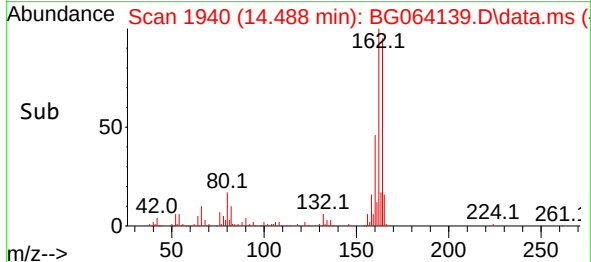
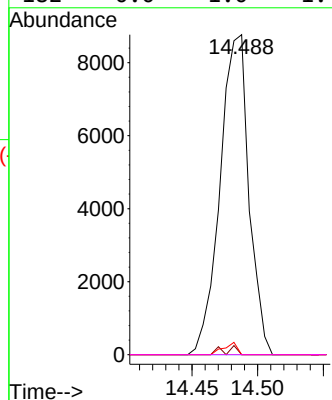


#57
2,4-Dinitrotoluene
Concen: 9.936 ng
RT: 14.488 min Scan# 1940
Delta R.T. -0.357 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

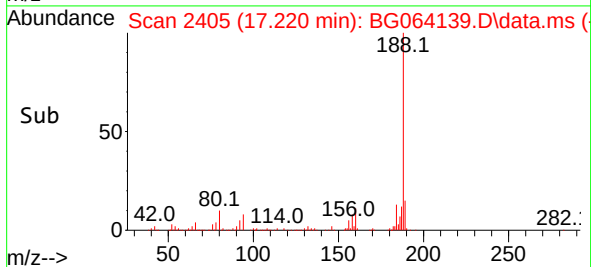
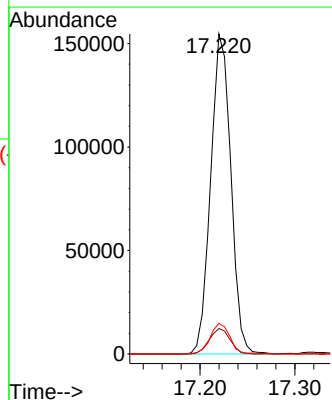
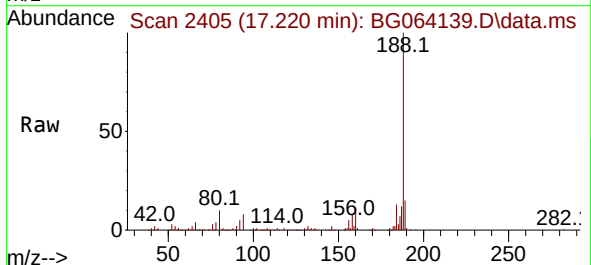


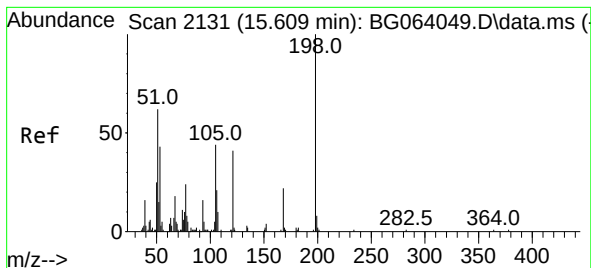
Tgt Ion:165 Resp: 13420
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 0.0 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion:188 Resp: 229133
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.6 8.1 12.1

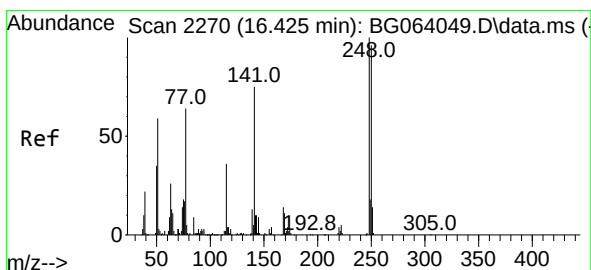
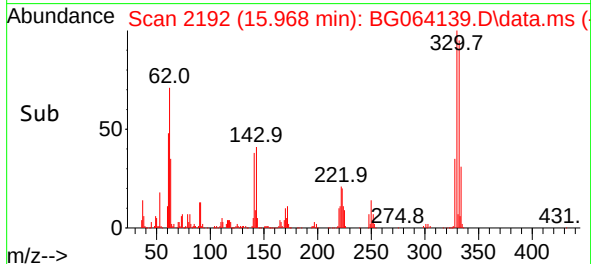
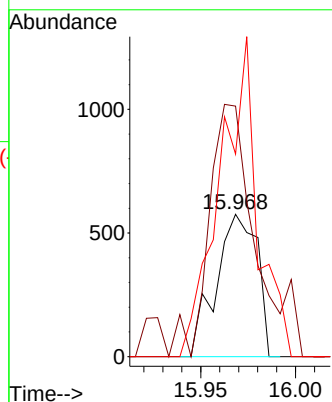
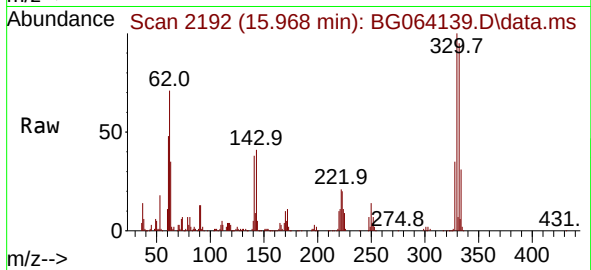




#65
4,6-Dinitro-2-methylphenol
Concen: 8.905 ng
RT: 15.968 min Scan# 2131
Delta R.T. 0.359 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

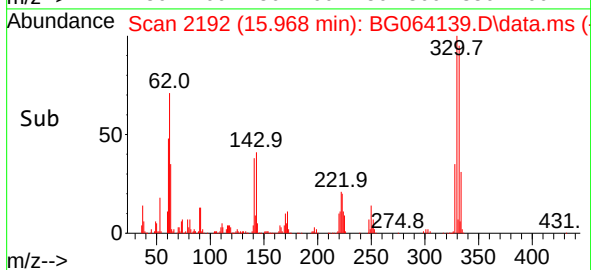
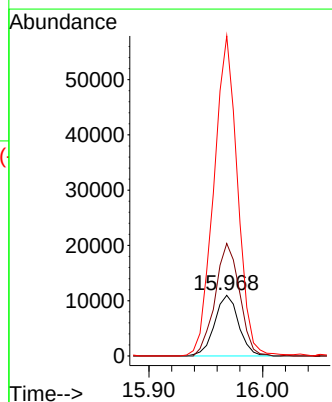
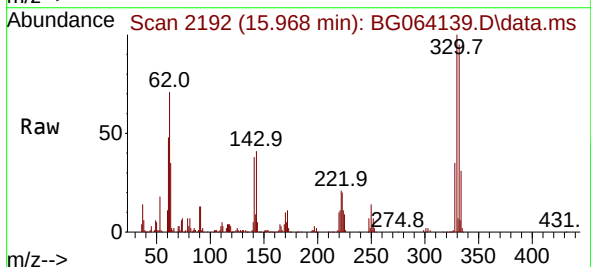
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-003-01

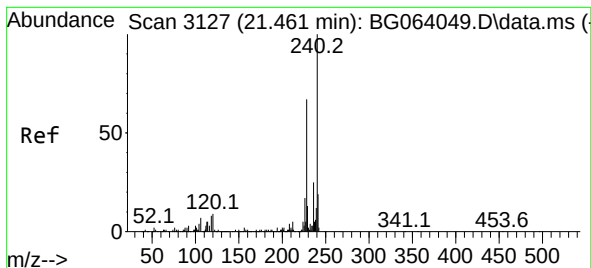
Tgt Ion:198 Resp: 867
Ion Ratio Lower Upper
198 100
51 175.9 45.6 85.6#
105 142.2 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 6.894 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.457 min
Lab File: BG064139.D
Acq: 1 Apr 2025 17:45

Tgt Ion:248 Resp: 16178
Ion Ratio Lower Upper
248 100
250 185.5 77.1 115.7#
141 527.5 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG064139.D

Acq: 1 Apr 2025 17:45

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-003-01

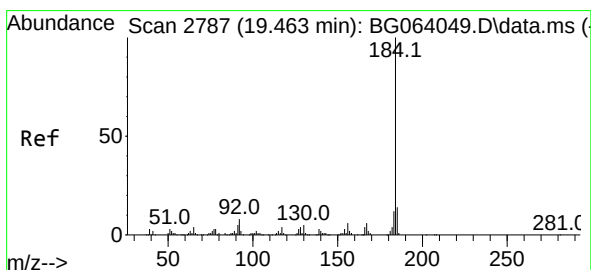
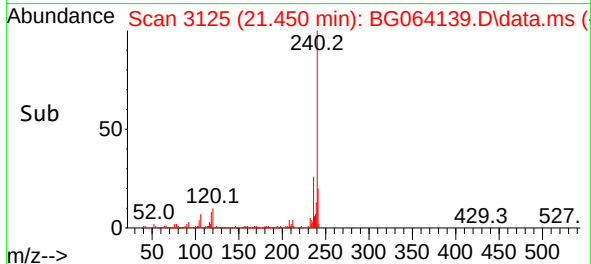
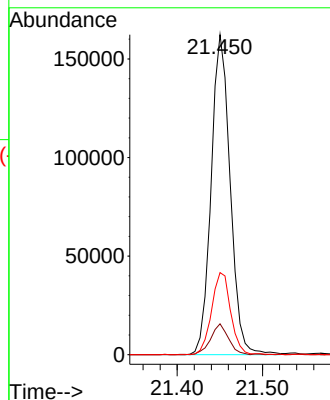
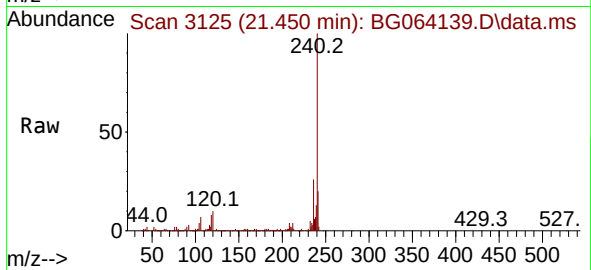
Tgt Ion:240 Resp: 251581

Ion Ratio Lower Upper

240 100

120 9.7 7.2 10.8

236 25.7 20.2 30.2



#77

Benzidine

Concen: 7.613 ng

RT: 19.846 min Scan# 2852

Delta R.T. 0.383 min

Lab File: BG064139.D

Acq: 1 Apr 2025 17:45

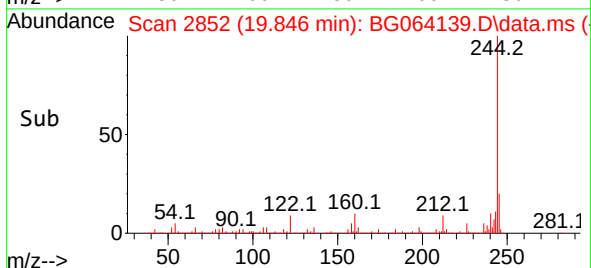
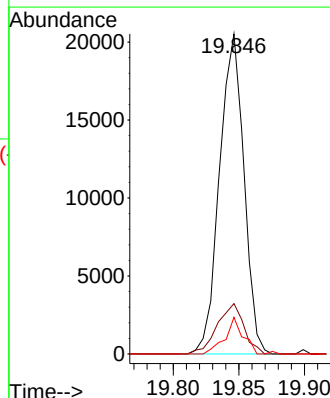
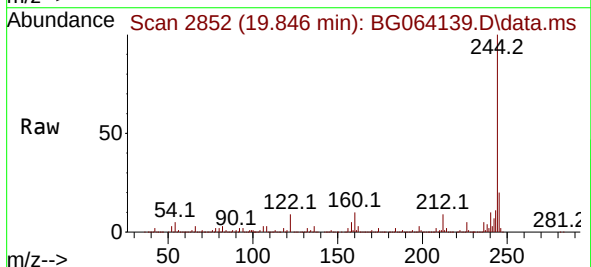
Tgt Ion:184 Resp: 26521

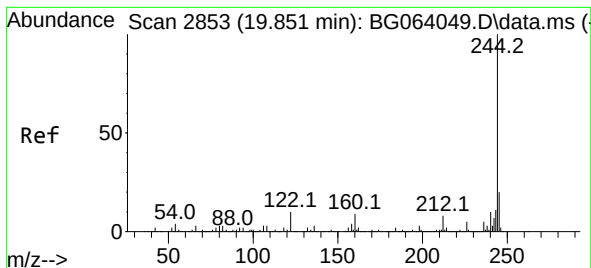
Ion Ratio Lower Upper

184 100

185 15.8 11.3 16.9

183 11.5 9.5 14.3





#79

Terphenyl-d14

Concen: 109.939 ng

RT: 19.846 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064139.D

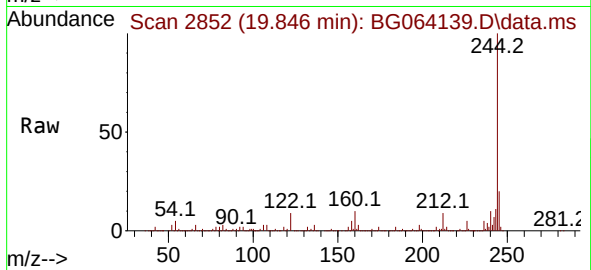
Acq: 1 Apr 2025 17:45

Instrument :

BNA_G

ClientSampleId :

P001-BBDGA-003-01



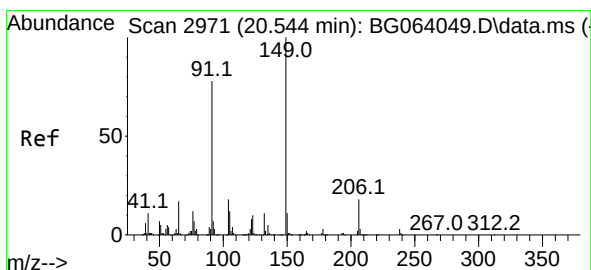
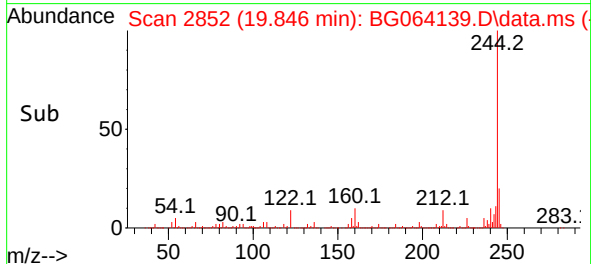
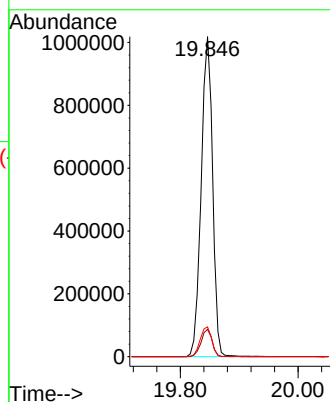
Tgt Ion:244 Resp: 1367884

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.4

122 9.3 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.648 ng

RT: 20.539 min Scan# 2970

Delta R.T. -0.005 min

Lab File: BG064139.D

Acq: 1 Apr 2025 17:45

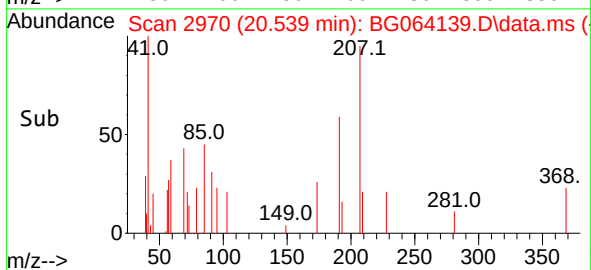
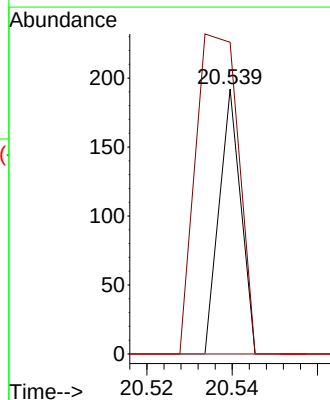
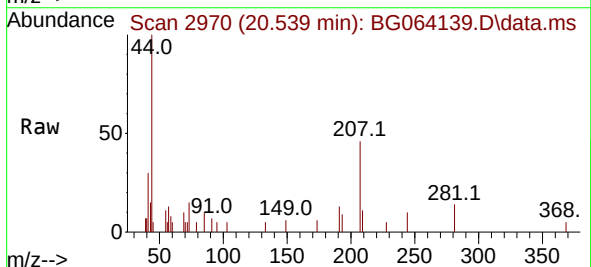
Tgt Ion:149 Resp: 68

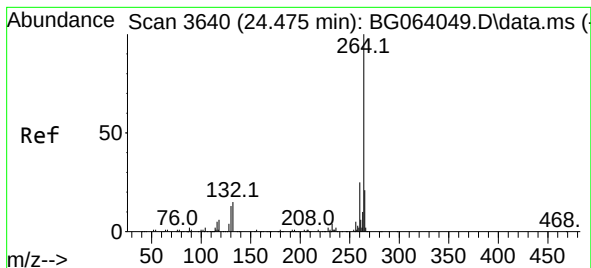
Ion Ratio Lower Upper

149 100

91 117.7 62.0 93.0#

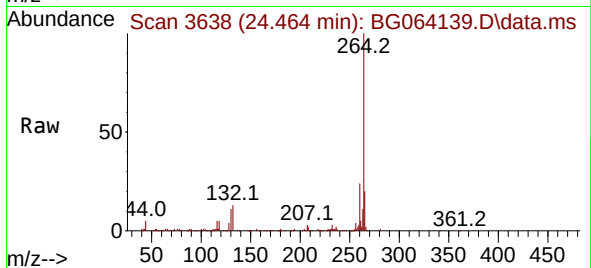
206 0.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.464 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG064139.D
 Acq: 1 Apr 2025 17:45

Instrument :
 BNA_G
 ClientSampleId :
 P001-BBDGA-003-01



Tgt Ion:264 Resp: 271745
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 20.4 16.6 25.0

