

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064191.D
 Acq On : 4 Apr 2025 7:27
 Operator : RC/JU
 Sample : Q1695-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 08:45:10 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)

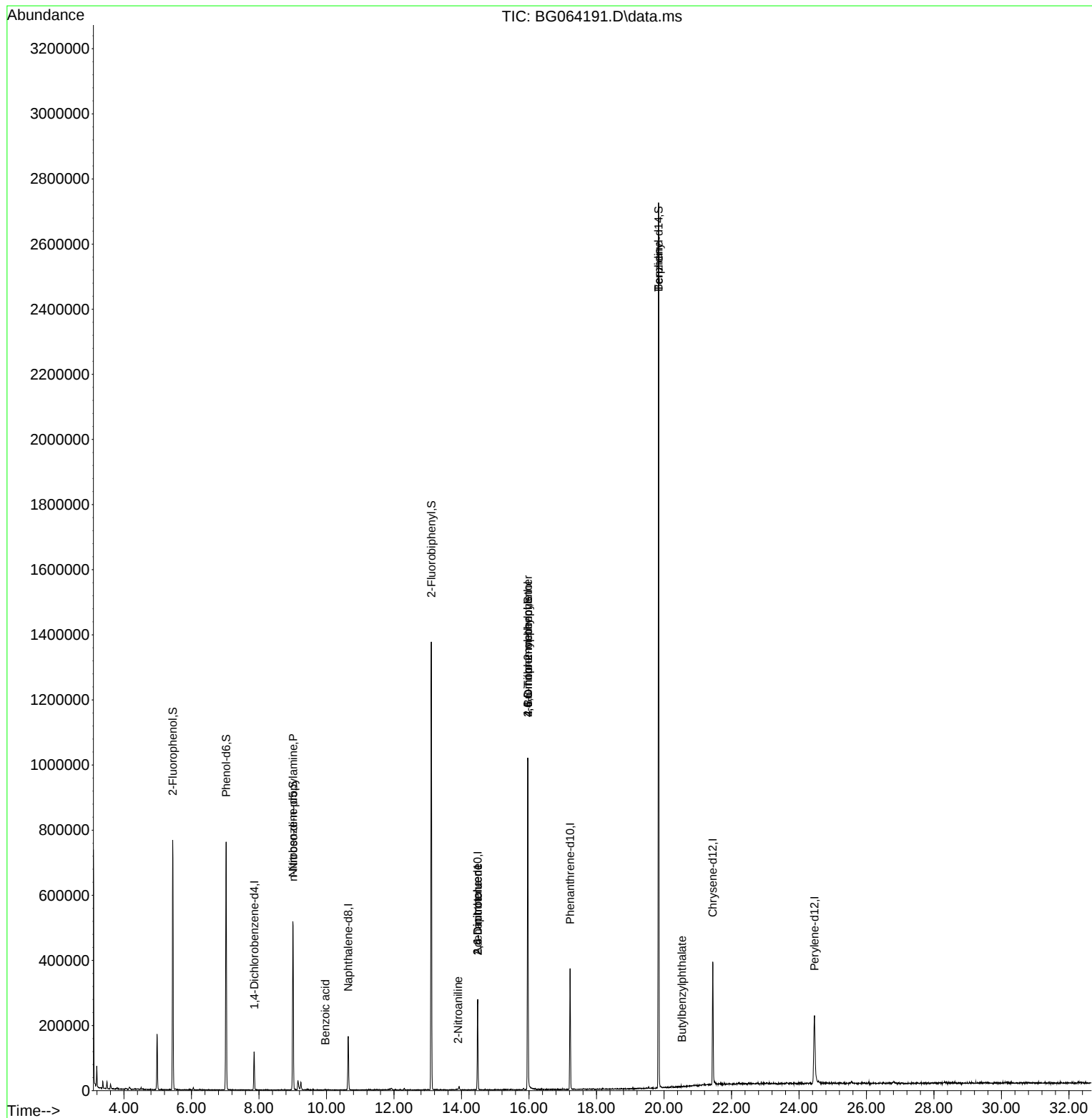
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	27133	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	125700	20.000	ng	-0.01
39) Acenaphthene-d10	14.482	164	91651	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	214927	20.000	ng	#-0.01
76) Chrysene-d12	21.444	240	222934	20.000	ng	-0.02
86) Perylene-d12	24.458	264	225239	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	276107	158.894	ng	0.00
7) Phenol-d6	7.026	99	354201	149.836	ng	0.00
23) Nitrobenzene-d5	9.006	82	274040	120.477	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	174422	171.209	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	661757	109.597	ng	-0.01
79) Terphenyl-d14	19.840	244	1218622	110.528	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.012	70	38145	22.993	ng	# 70
32) Benzoic acid	9.970	122	364	8.927	ng	# 24
48) 2-Nitroaniline	13.906	65	61	3.252	ng	# 11
51) 2,6-Dinitrotoluene	14.482	165	12859	12.071	ng	# 15
57) 2,4-Dinitrotoluene	14.482	165	12859	9.920	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.968	198	691	8.796	ng	# 50
67) 4-Bromophenyl-phenylether	15.968	248	12323	5.598	ng	# 1
77) Benzidine	19.840	184	23973	7.766	ng	# 91
80) Butylbenzylphthalate	20.534	149	55	3.647	ng	# 20

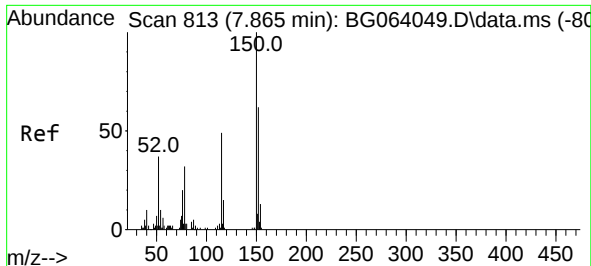
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064191.D
Acq On : 4 Apr 2025 7:27
Operator : RC/JU
Sample : Q1695-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

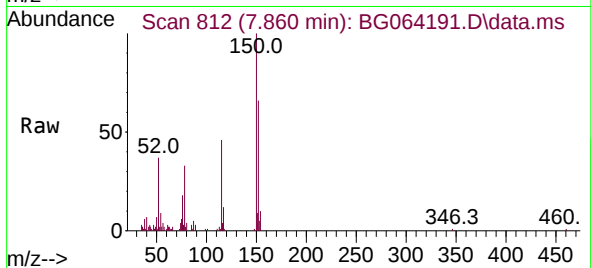
Quant Time: Apr 04 08:45:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



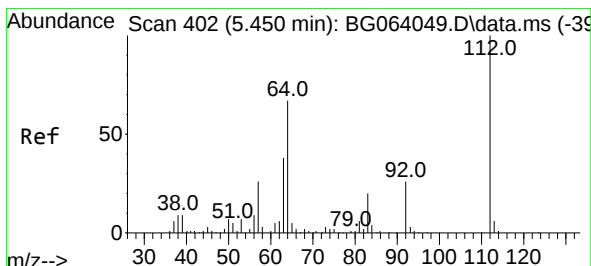
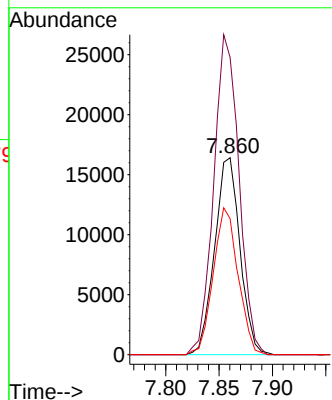
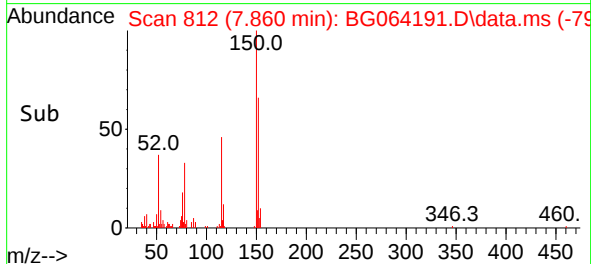


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

Instrument :
BNA_G
ClientSampleId :

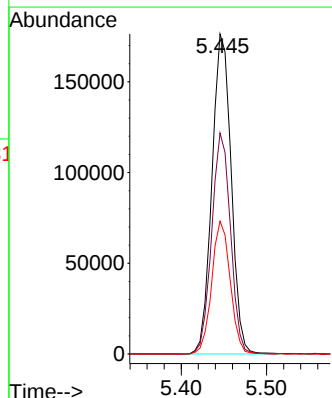
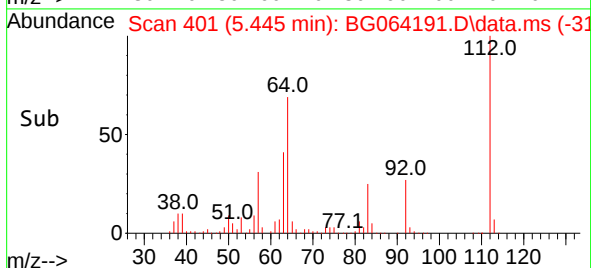
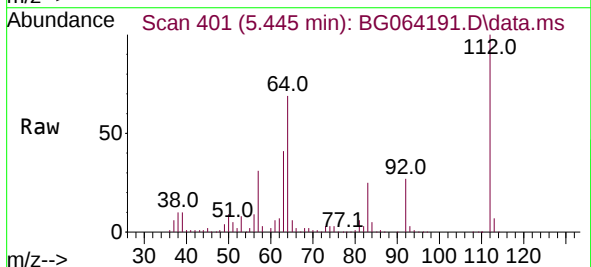


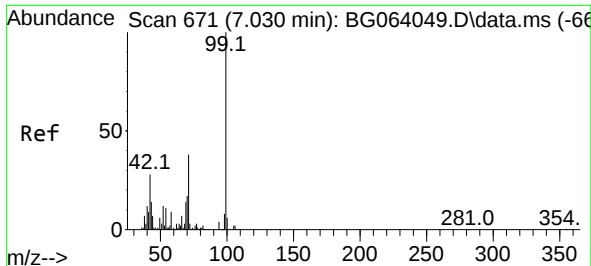
Tgt Ion:152 Resp: 27133
Ion Ratio Lower Upper
152 100
150 150.8 129.2 193.8
115 69.0 63.0 94.6



#5
2-Fluorophenol
Concen: 158.894 ng
RT: 5.445 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

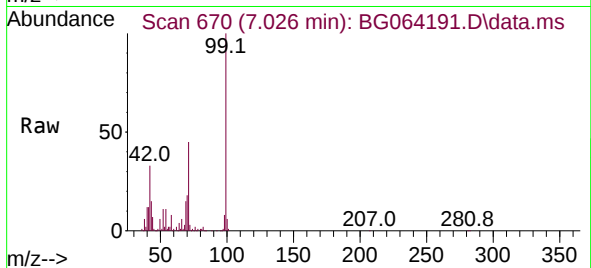
Tgt Ion:112 Resp: 276107
Ion Ratio Lower Upper
112 100
64 69.1 53.7 80.5
63 41.5 30.2 45.4



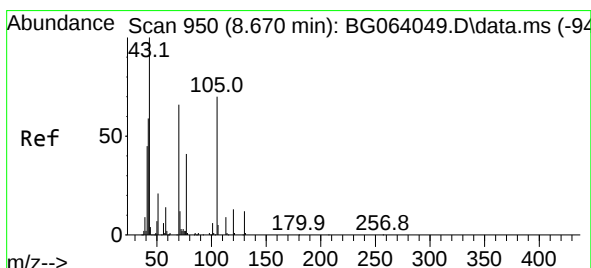
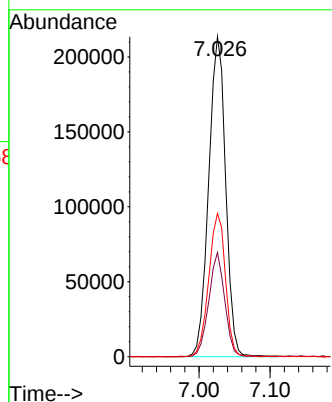
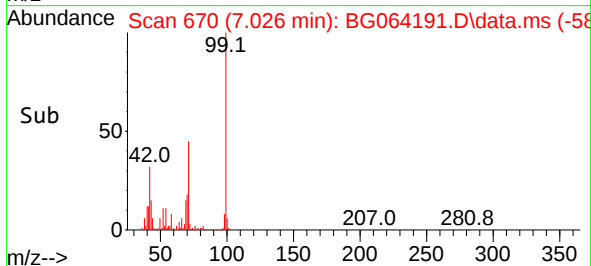


#7
Phenol-d6
Concen: 149.836 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

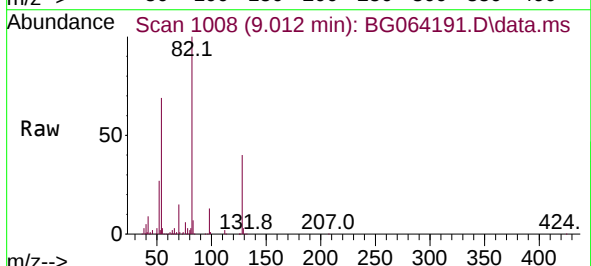
Instrument :
BNA_G
ClientSampleId :



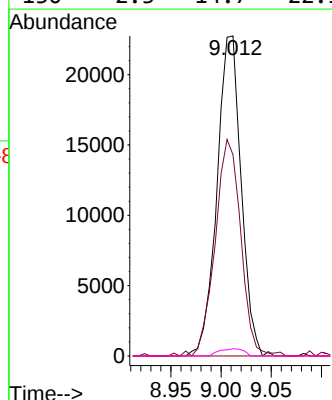
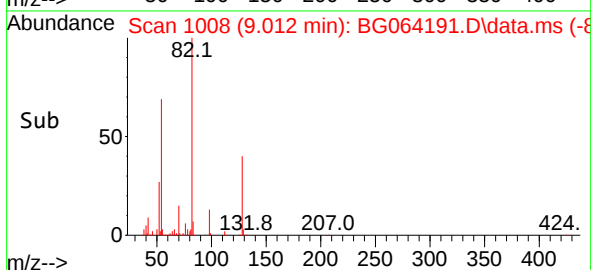
Tgt Ion: 99 Resp: 354201
Ion Ratio Lower Upper
99 100
42 32.6 22.7 34.1
71 44.8 30.6 46.0

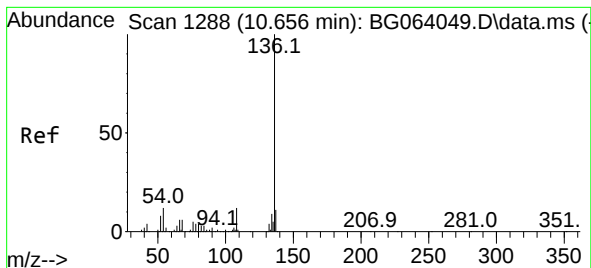


#19
n-Nitroso-di-n-propylamine
Concen: 22.993 ng
RT: 9.012 min Scan# 1008
Delta R.T. 0.342 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27



Tgt Ion: 70 Resp: 38145
Ion Ratio Lower Upper
70 100
42 62.8 72.1 108.1#
101 0.0 7.2 10.8#
130 2.3 14.7 22.1#

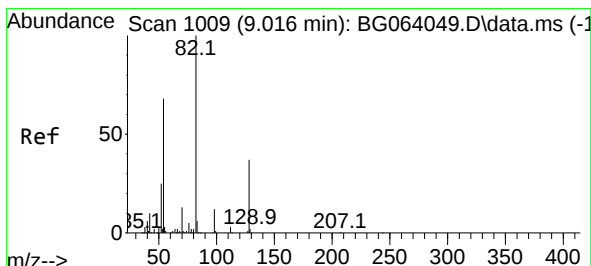
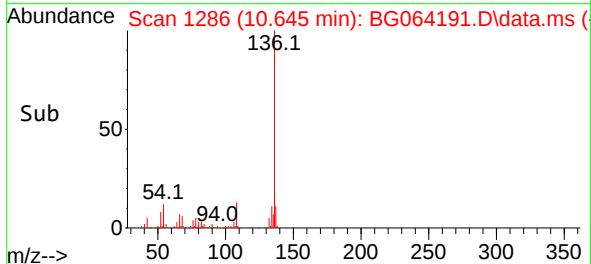
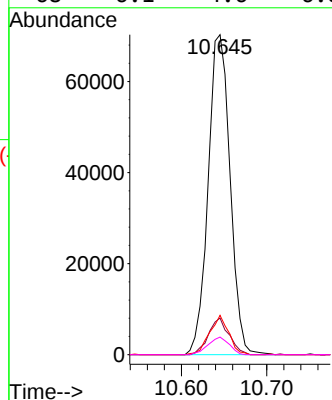
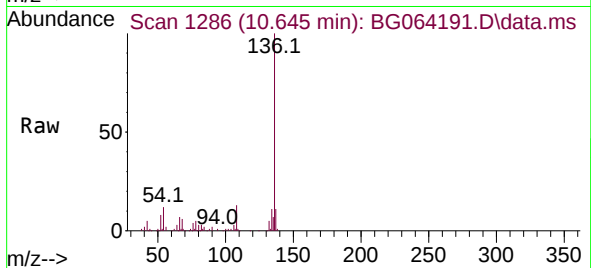




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

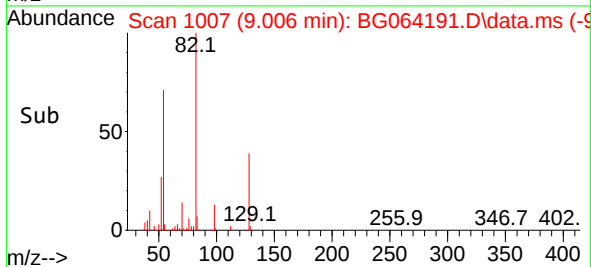
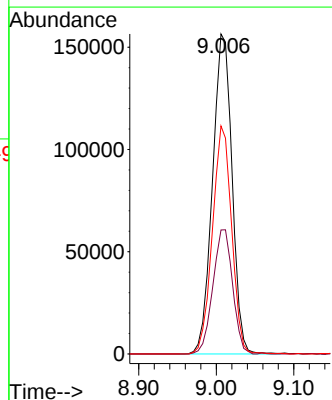
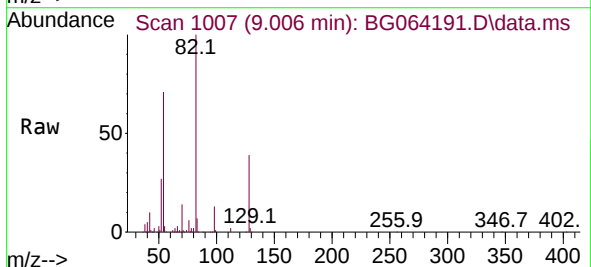
Instrument :
BNA_G
ClientSampleId :

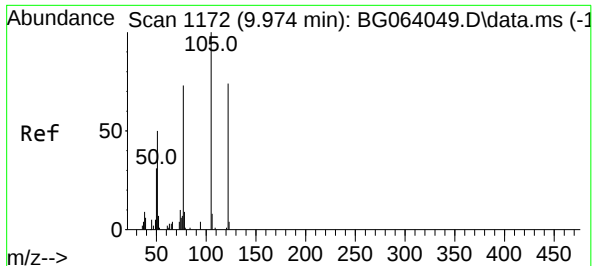
Tgt Ion:136	Resp:	125700
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.5 12.7
54	12.3	9.9 14.9
68	6.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 120.477 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.010 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

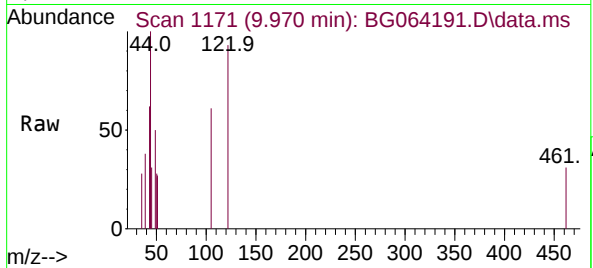
Tgt Ion: 82	Resp:	274040
Ion Ratio	Lower	Upper
82	100	
128	38.7	30.0 45.0
54	71.2	54.7 82.1



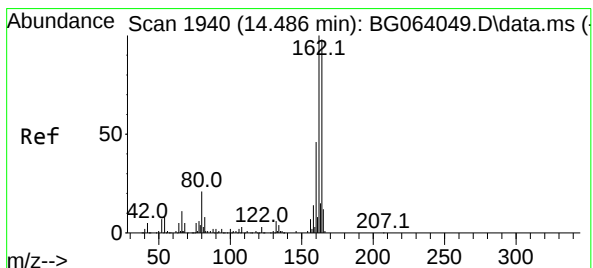
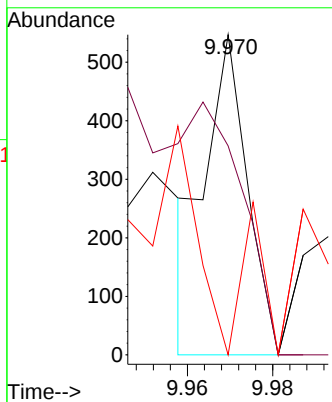
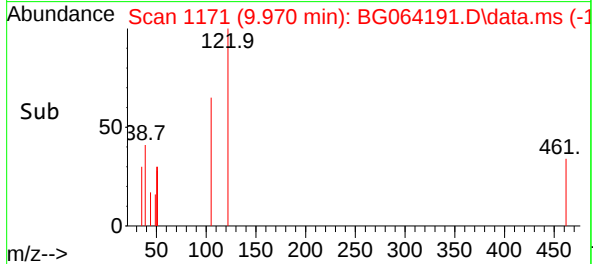


#32
Benzoic acid
Concen: 8.927 ng
RT: 9.970 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

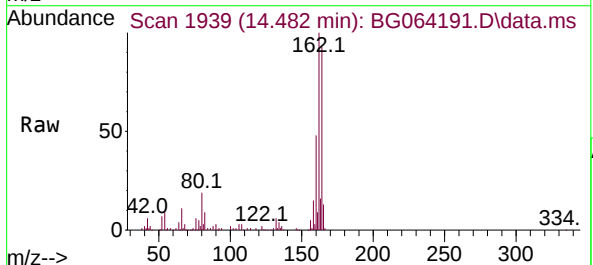
Instrument :
BNA_G
ClientSampleId :



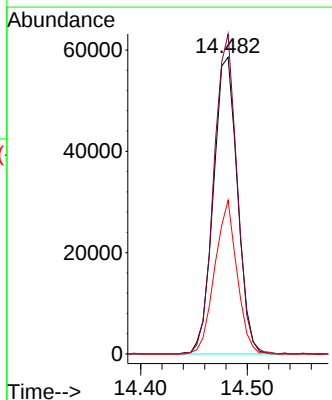
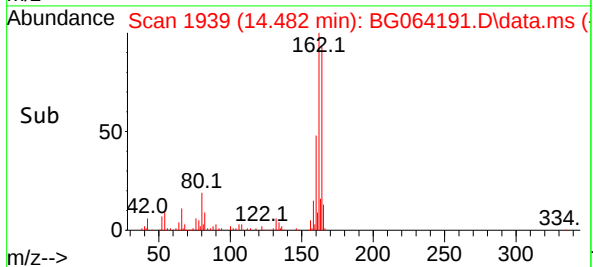
Tgt Ion:122 Resp: 364
Ion Ratio Lower Upper
122 100
105 65.3 115.0 155.0#
77 0.0 80.9 120.9#

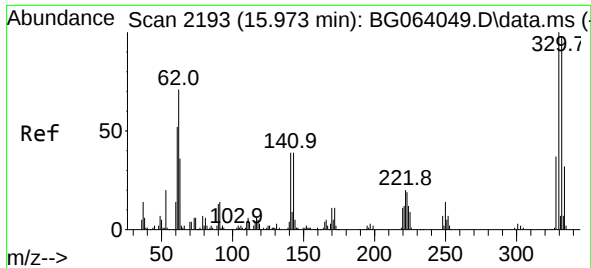


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27



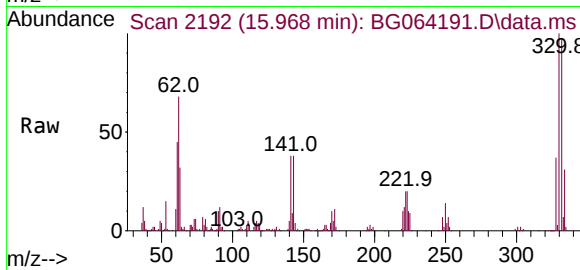
Tgt Ion:164 Resp: 91651
Ion Ratio Lower Upper
164 100
162 107.8 81.4 122.0
160 51.8 37.0 55.6



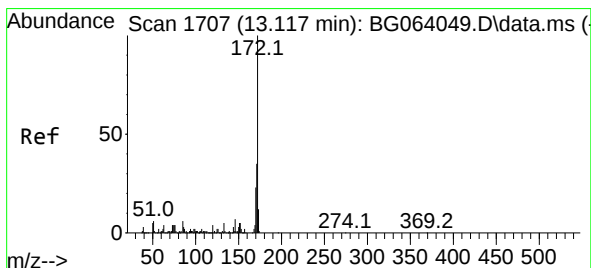
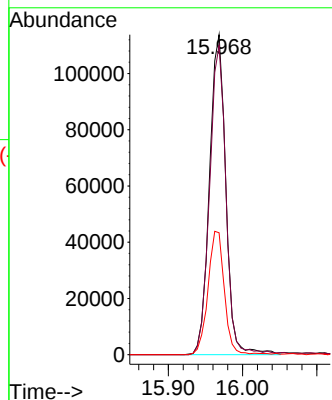
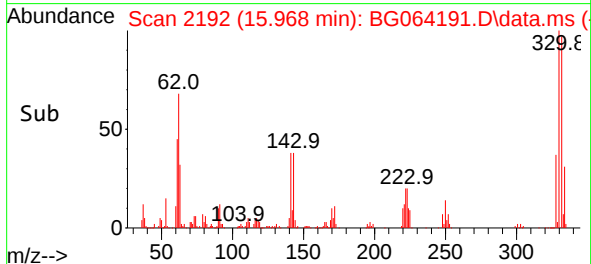


#42
2,4,6-Tribromophenol
Concen: 171.209 ng
RT: 15.968 min Scan# 2193
Delta R.T. -0.004 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

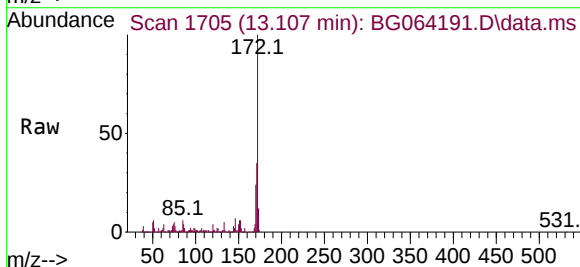
Instrument :
BNA_G
ClientSampleId :



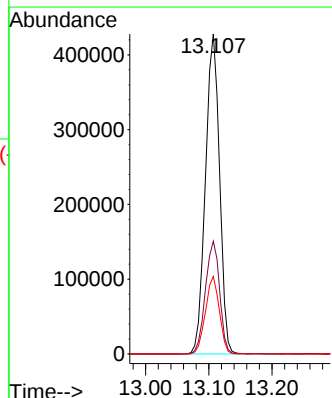
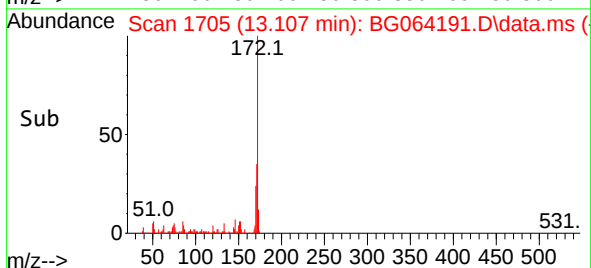
Tgt Ion:330 Resp: 174422
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 38.8 29.7 44.5

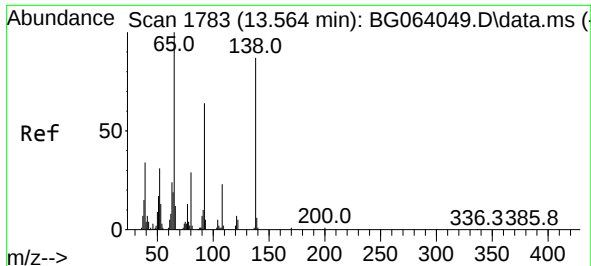


#45
2-Fluorobiphenyl
Concen: 109.597 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.010 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27



Tgt Ion:172 Resp: 661757
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 24.3 18.7 28.1

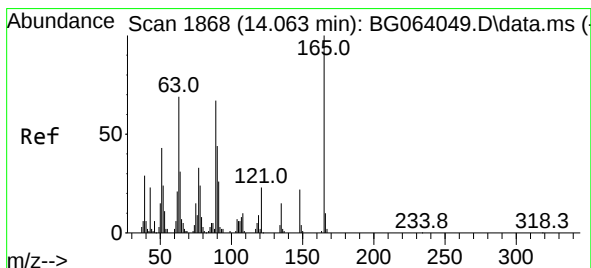
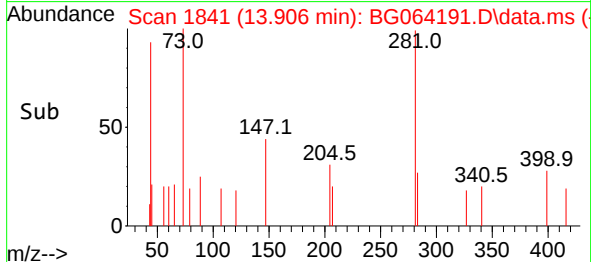
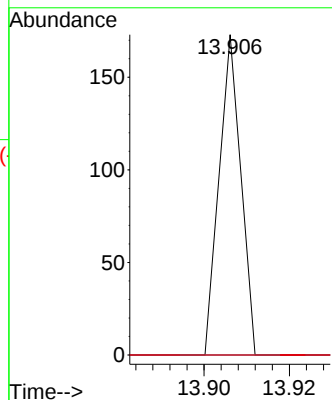
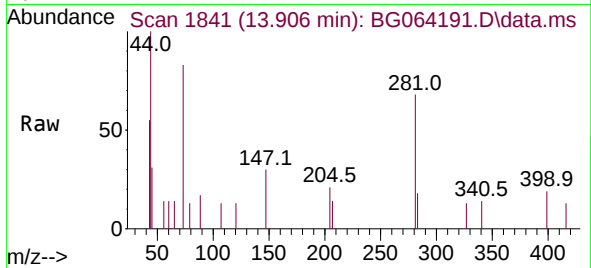




#48
2-Nitroaniline
Concen: 3.252 ng
RT: 13.906 min Scan# 11
Delta R.T. 0.342 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

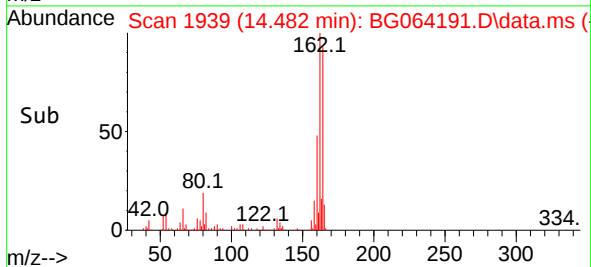
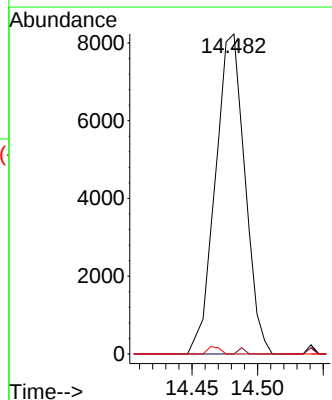
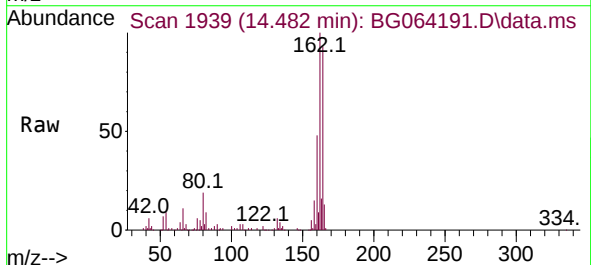
Instrument :
BNA_G
ClientSampleId :

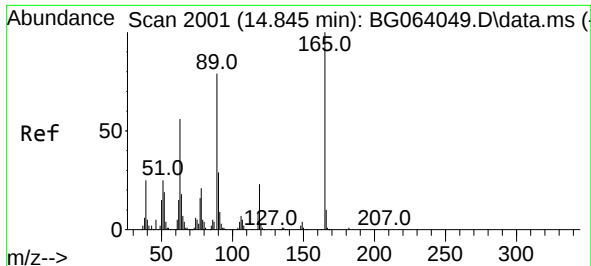
Tgt Ion: 65 Resp: 61
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 12.071 ng
RT: 14.482 min Scan# 1939
Delta R.T. 0.419 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

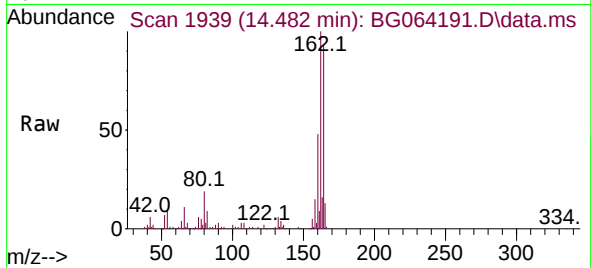
Tgt Ion:165 Resp: 12859
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 53.7 80.5#



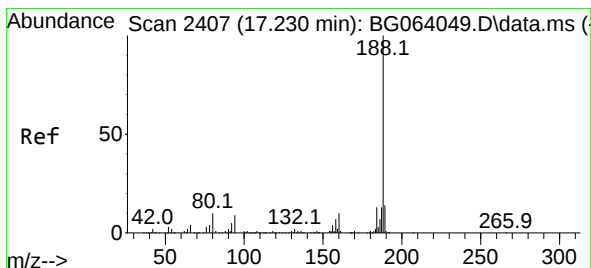
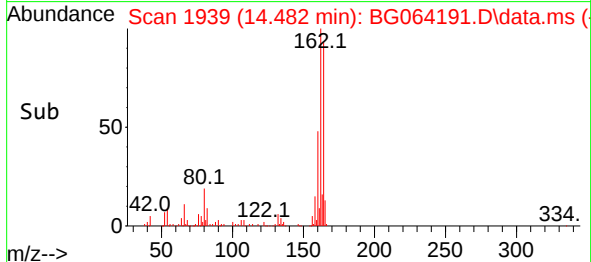
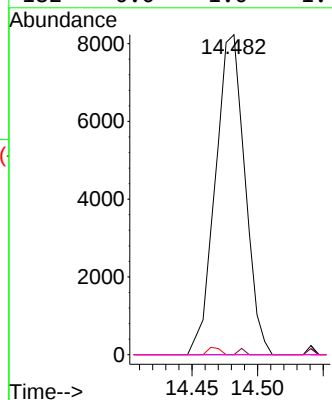


#57
2,4-Dinitrotoluene
Concen: 9.920 ng
RT: 14.482 min Scan# 1939
Delta R.T. -0.363 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

Instrument :
BNA_G
ClientSampleId :

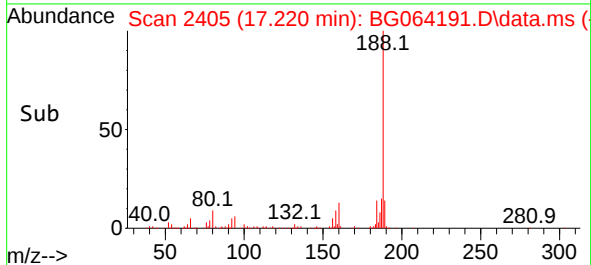
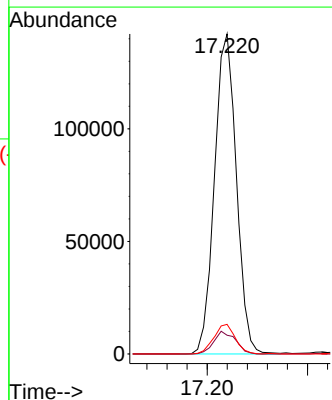
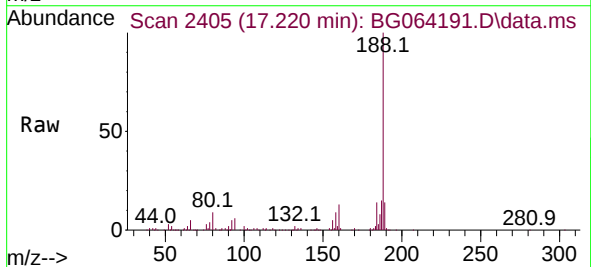


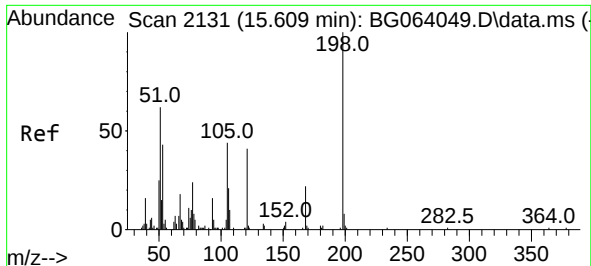
Tgt Ion:165 Resp: 12859
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 0.0 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

Tgt Ion:188 Resp: 214927
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 9.3 8.1 12.1

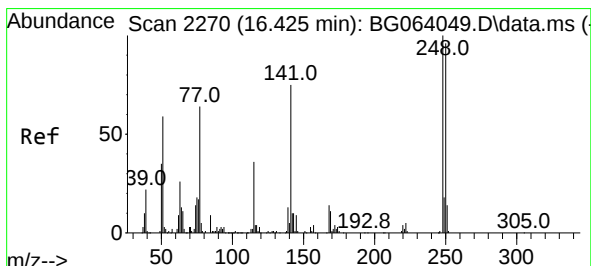
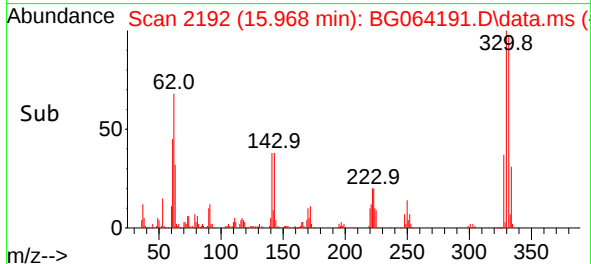
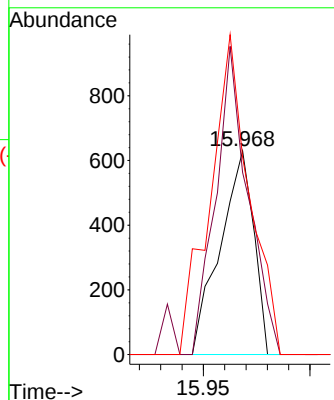
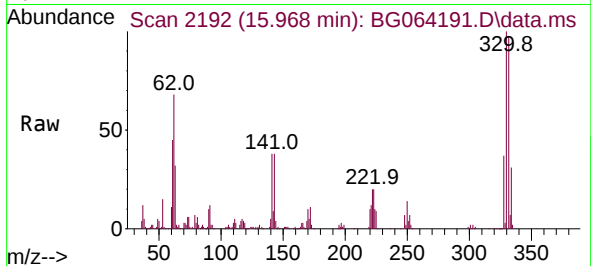




#65
4,6-Dinitro-2-methylphenol
Concen: 8.796 ng
RT: 15.968 min Scan# 2131
Delta R.T. 0.359 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

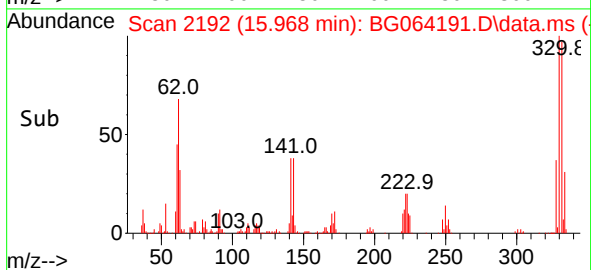
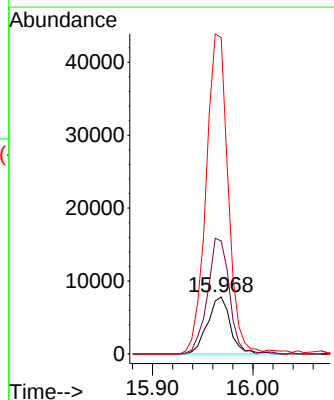
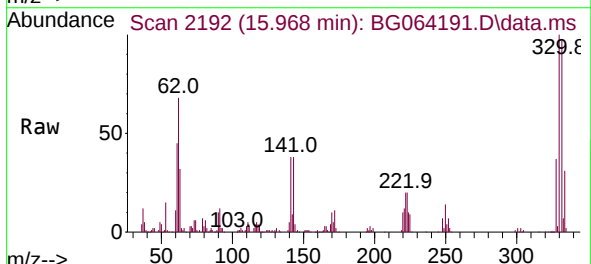
Instrument :
BNA_G
ClientSampleId :

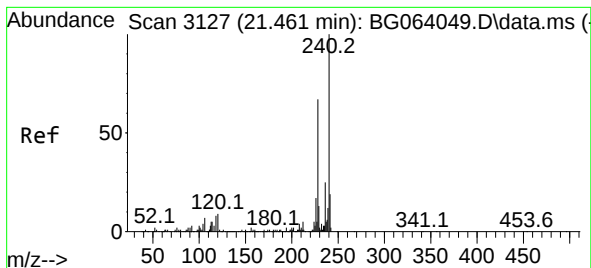
Tgt Ion:198 Resp: 691
Ion Ratio Lower Upper
198 100
51 89.4 45.6 85.6#
105 96.8 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 5.598 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.457 min
Lab File: BG064191.D
Acq: 4 Apr 2025 7:27

Tgt Ion:248 Resp: 12323
Ion Ratio Lower Upper
248 100
250 198.2 77.1 115.7#
141 554.7 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 31

Delta R.T. -0.016 min

Lab File: BG064191.D

Acq: 4 Apr 2025 7:27

Instrument :

BNA_G

ClientSampleId :

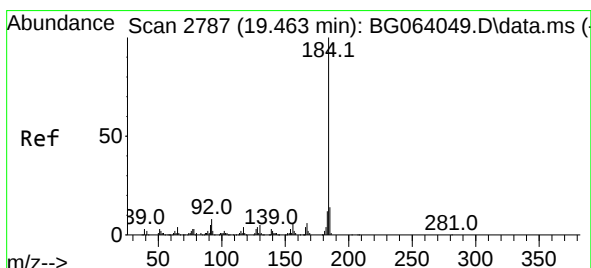
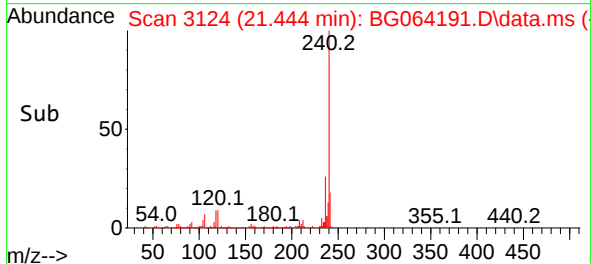
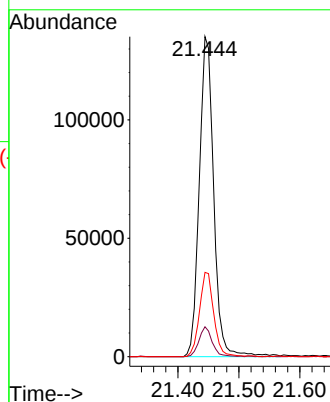
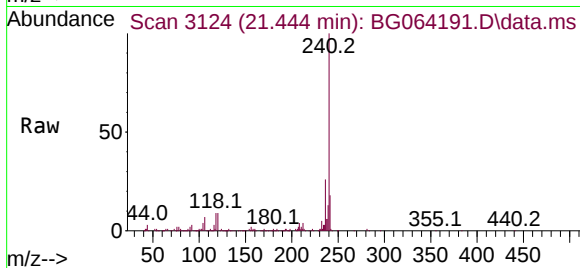
Tgt Ion:240 Resp: 222934

Ion Ratio Lower Upper

240 100

120 9.3 7.2 10.8

236 26.3 20.2 30.2



#77

Benzidine

Concen: 7.766 ng

RT: 19.840 min Scan# 2851

Delta R.T. 0.377 min

Lab File: BG064191.D

Acq: 4 Apr 2025 7:27

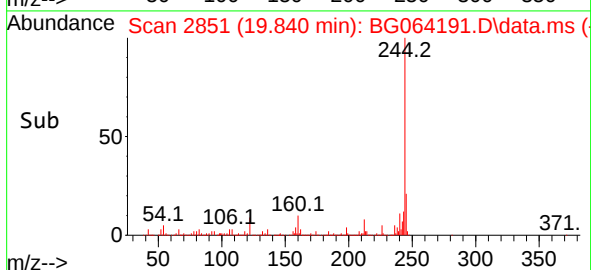
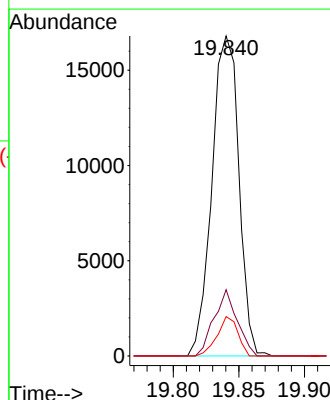
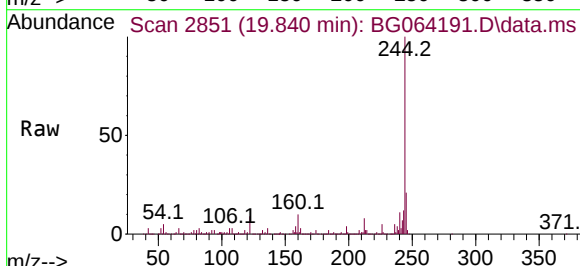
Tgt Ion:184 Resp: 23973

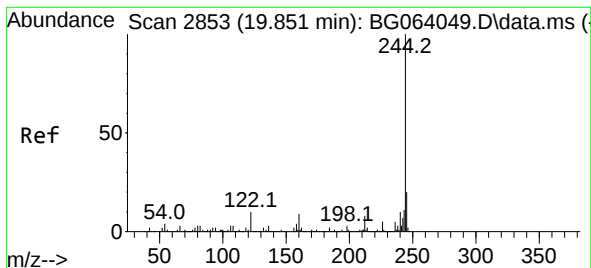
Ion Ratio Lower Upper

184 100

185 20.7 11.3 16.9#

183 12.3 9.5 14.3





#79

Terphenyl-d14

Concen: 110.528 ng

RT: 19.840 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG064191.D

Acq: 4 Apr 2025 7:27

Instrument :

BNA_G

ClientSampleId :

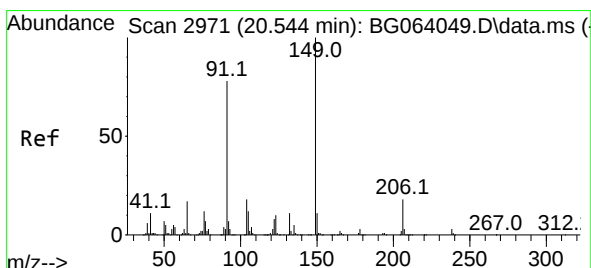
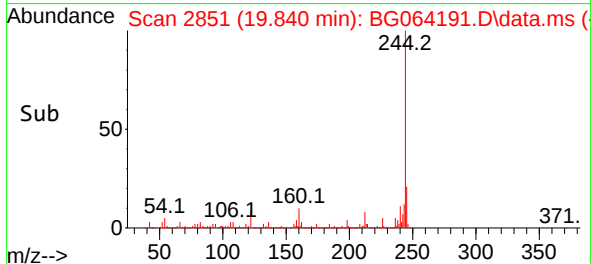
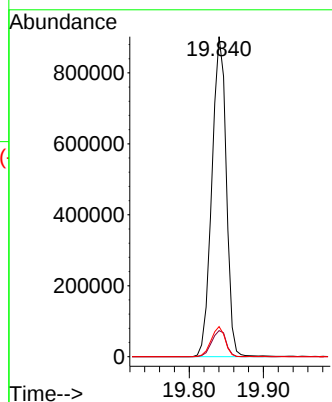
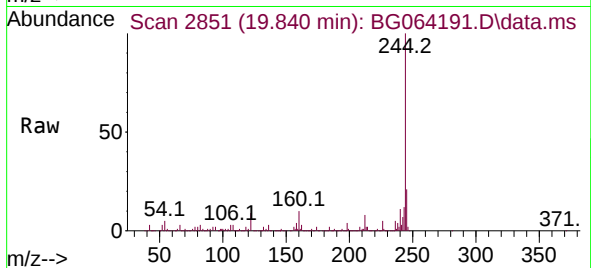
Tgt Ion:244 Resp: 1218622

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 9.4 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.647 ng

RT: 20.534 min Scan# 2969

Delta R.T. -0.010 min

Lab File: BG064191.D

Acq: 4 Apr 2025 7:27

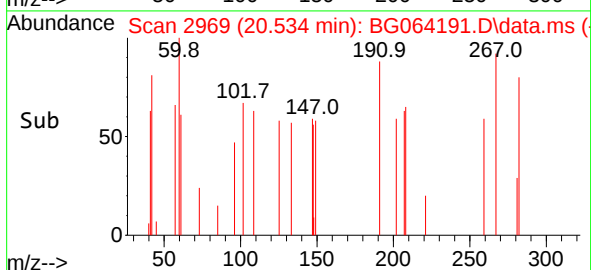
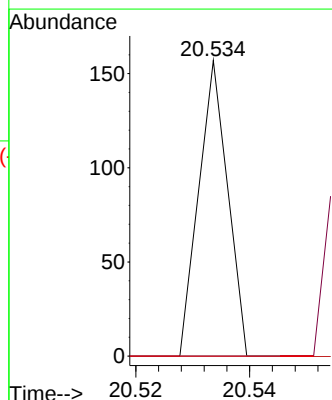
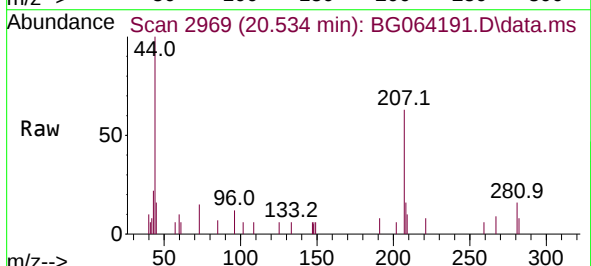
Tgt Ion:149 Resp: 55

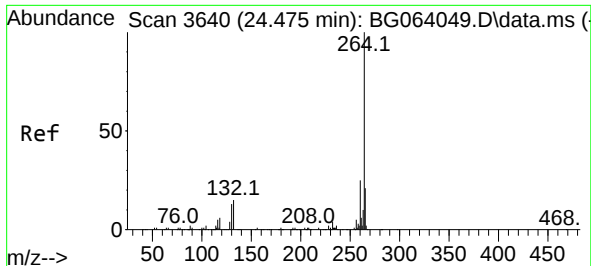
Ion Ratio Lower Upper

149 100

91 0.0 62.0 93.0#

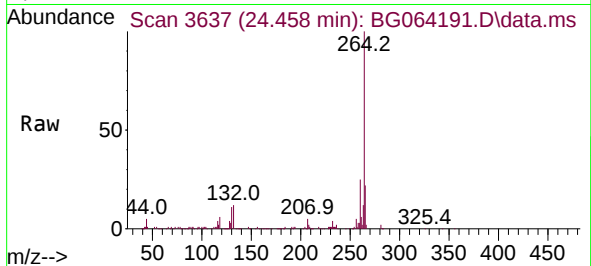
206 0.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.458 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: BG064191.D
 Acq: 4 Apr 2025 7:27

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:	264	Resp:	225239
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.6	29.4
265	22.4	16.6	25.0

