

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064165.D
 Acq On : 3 Apr 2025 13:45
 Operator : RC/JU
 Sample : PB167380BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 14:30:19 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)

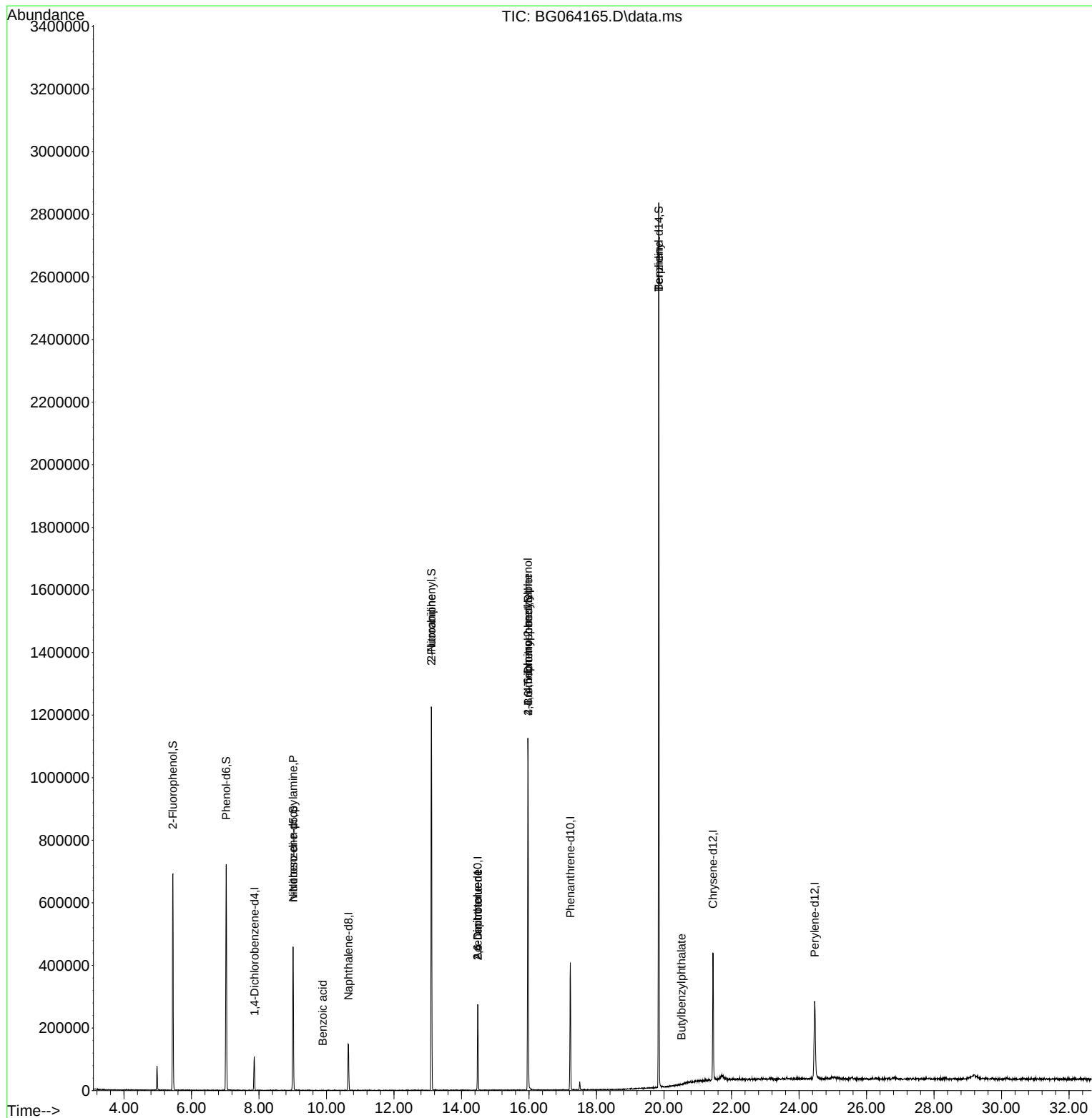
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	25319	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	119014	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	93126	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	231321	20.000	ng	0.00
76) Chrysene-d12	21.449	240	238757	20.000	ng	-0.01
86) Perylene-d12	24.463	264	254552	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	256375	158.109	ng	0.00
7) Phenol-d6	7.030	99	348577	158.021	ng	0.00
23) Nitrobenzene-d5	9.010	82	237561	110.307	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	191141	184.649	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	603796	98.414	ng	0.00
79) Terphenyl-d14	19.845	244	1232796	104.404	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.010	70	32428	20.947	ng	# 72
32) Benzoic acid	9.886	122	60	8.731	ng	# 1
48) 2-Nitroaniline	13.106	65	1236	3.991	ng	# 1
51) 2,6-Dinitrotoluene	14.480	165	12698	11.825	ng	# 18
57) 2,4-Dinitrotoluene	14.480	165	12698	9.743	ng	# 19
65) 4,6-Dinitro-2-methylph...	15.967	198	780	8.826	ng	# 34
67) 4-Bromophenyl-phenylether	15.973	248	14389	6.073	ng	# 1
77) Benzidine	19.845	184	22803	6.897	ng	# 91
80) Butylbenzylphthalate	20.520	149	77	3.650	ng	# 81

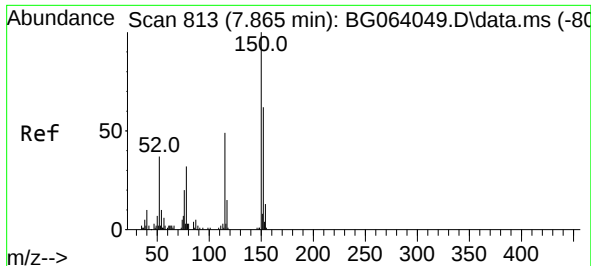
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
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Instrument :
BNA_G
ClientSampleId :

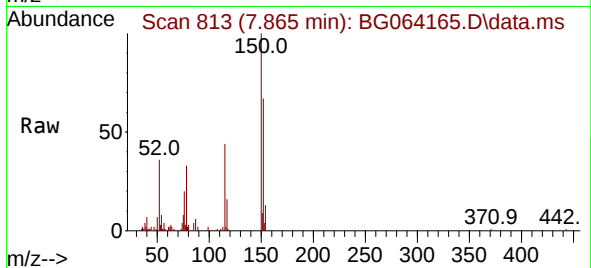
Quant Time: Apr 03 14:30:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
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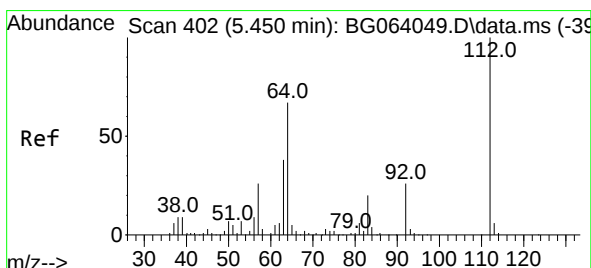
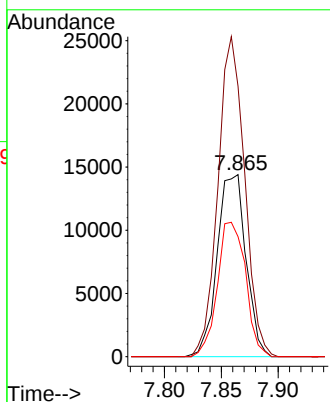
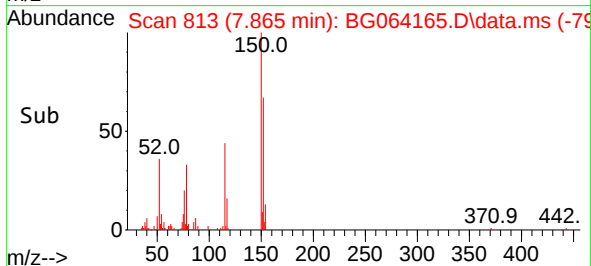


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 813
Delta R.T. -0.000 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

Instrument :
BNA_G
ClientSampleId :

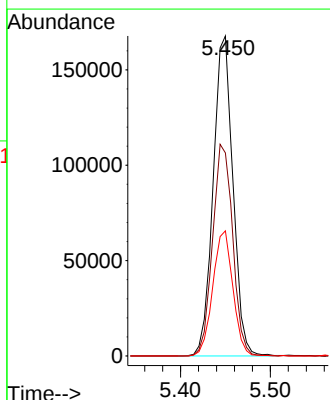
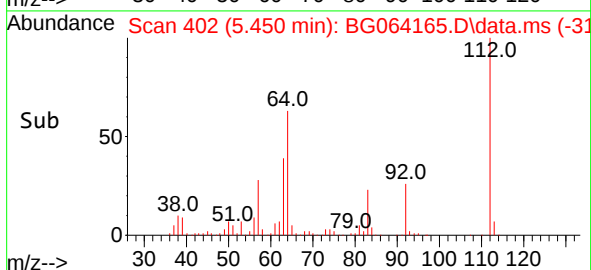
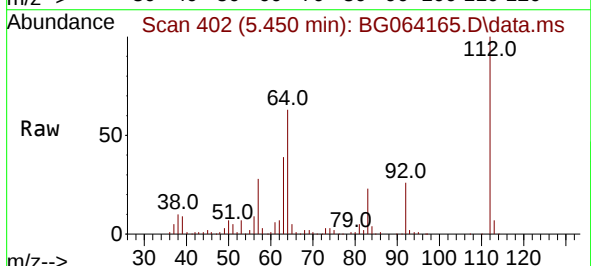


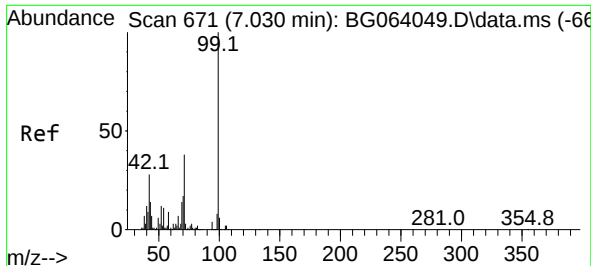
Tgt Ion:152 Resp: 25319
Ion Ratio Lower Upper
152 100
150 148.5 129.2 193.8
115 65.9 63.0 94.6



#5
2-Fluorophenol
Concen: 158.109 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

Tgt Ion:112 Resp: 256375
Ion Ratio Lower Upper
112 100
64 63.4 53.7 80.5
63 39.1 30.2 45.4

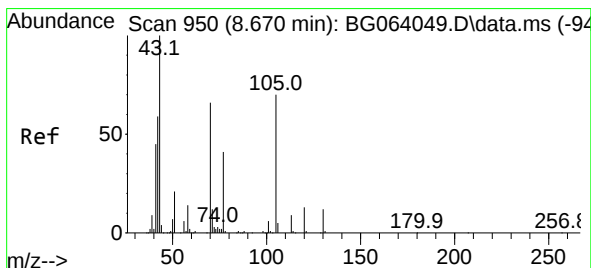
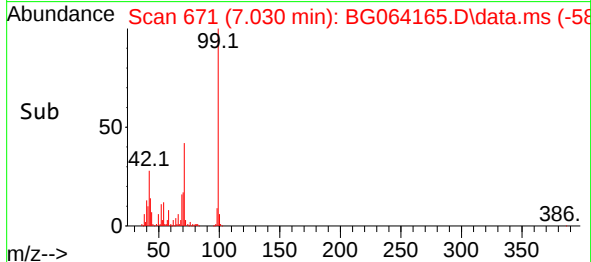
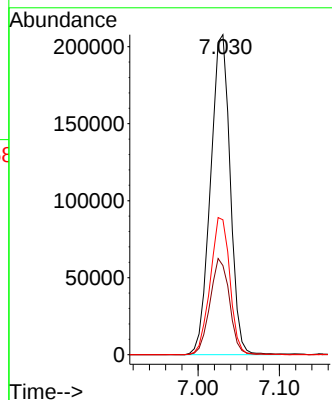
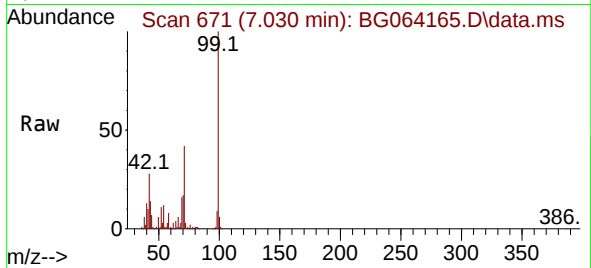




#7
Phenol-d6
Concen: 158.021 ng
RT: 7.030 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

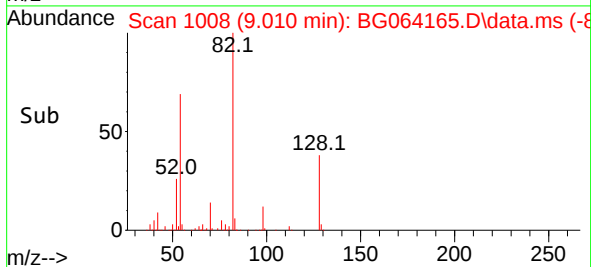
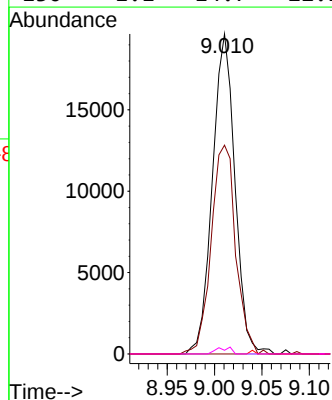
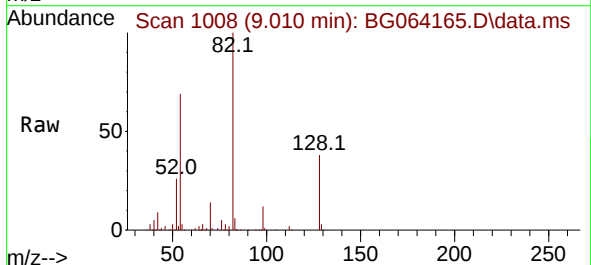
Instrument :
BNA_G
ClientSampleId :

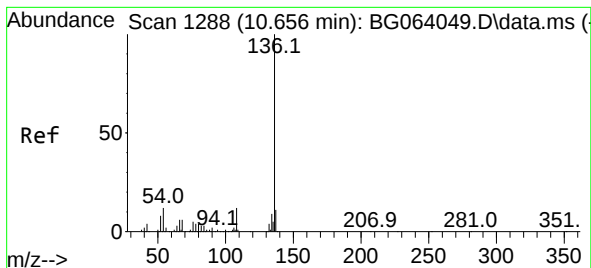
Tgt Ion: 99 Resp: 348577
Ion Ratio Lower Upper
99 100
42 27.8 22.7 34.1
71 42.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.947 ng
RT: 9.010 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

Tgt Ion: 70 Resp: 32428
Ion Ratio Lower Upper
70 100
42 65.3 72.1 108.1#
101 0.0 7.2 10.8#
130 1.1 14.7 22.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.650 min Scan# 11

Delta R.T. -0.006 min

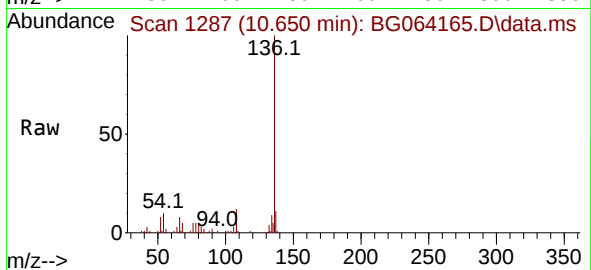
Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:136 Resp: 119014

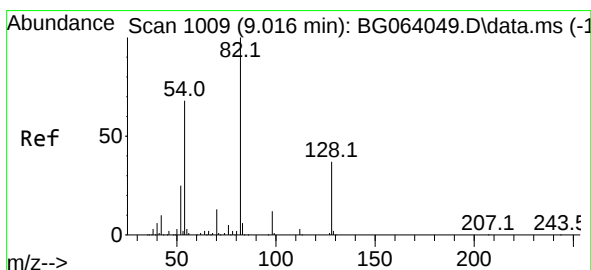
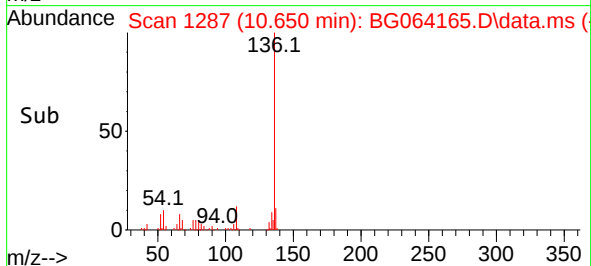
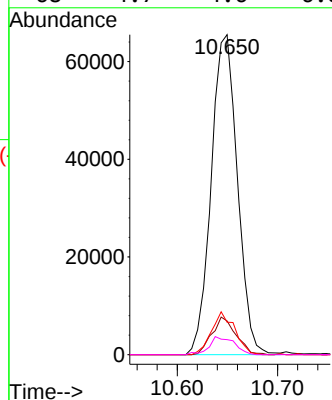
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.2 9.9 14.9

68 4.7 4.6 6.8



#23

Nitrobenzene-d5

Concen: 110.307 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

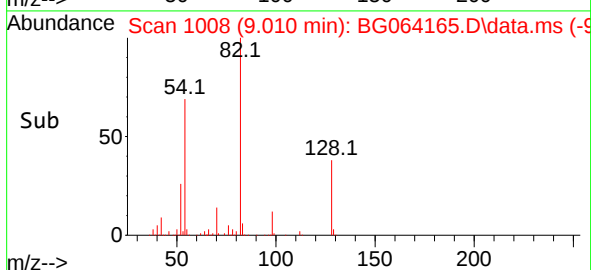
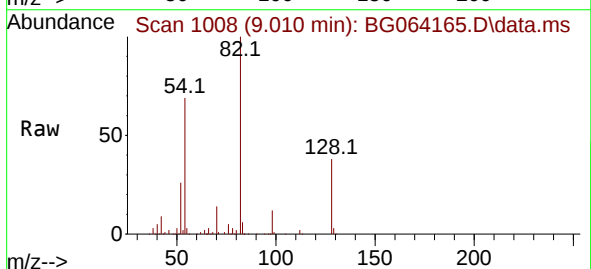
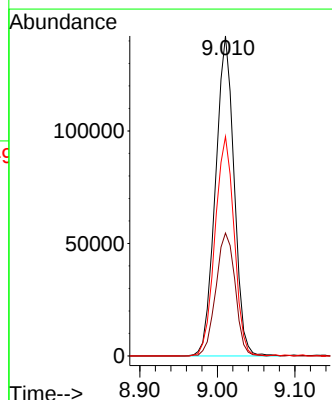
Tgt Ion: 82 Resp: 237561

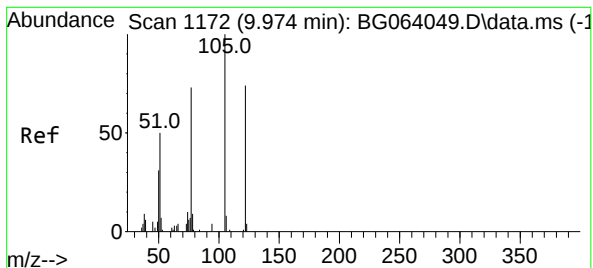
Ion Ratio Lower Upper

82 100

128 38.4 30.0 45.0

54 68.6 54.7 82.1





#32

Benzoic acid

Concen: 8.731 ng

RT: 9.886 min Scan# 1157

Delta R.T. -0.088 min

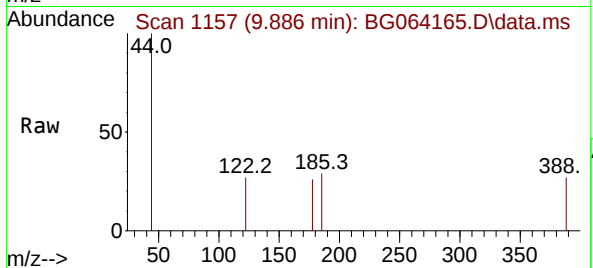
Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

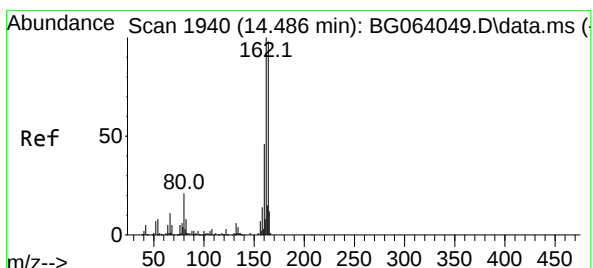
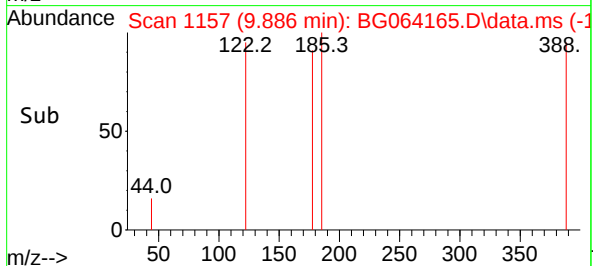
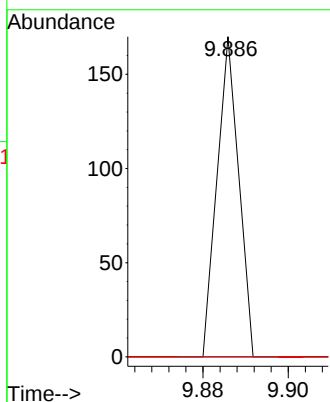
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	122	Resp:	60
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

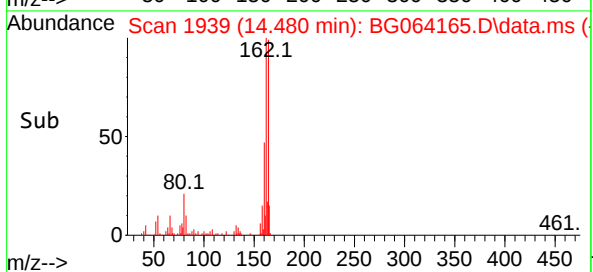
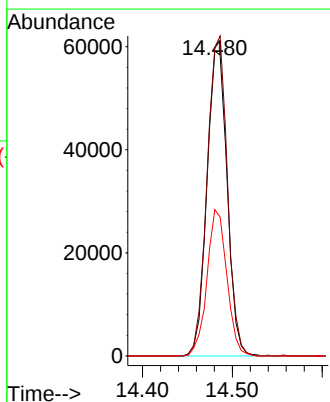
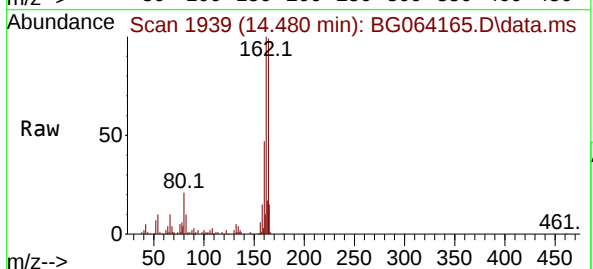
RT: 14.480 min Scan# 1939

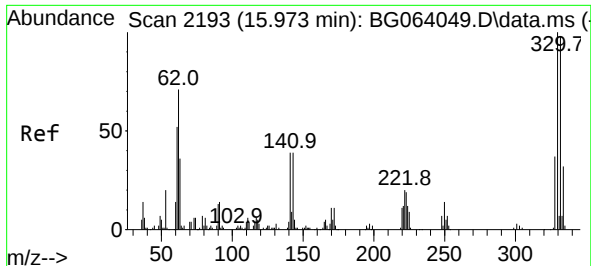
Delta R.T. -0.006 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

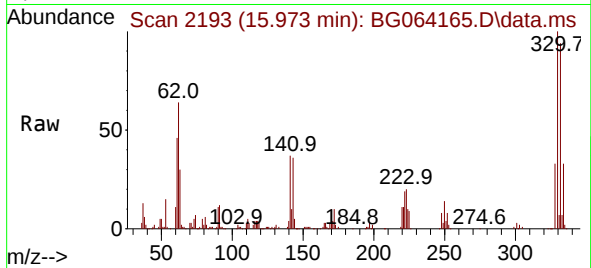
Tgt Ion:	164	Resp:	93126
Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.0
160	48.0	37.0	55.6



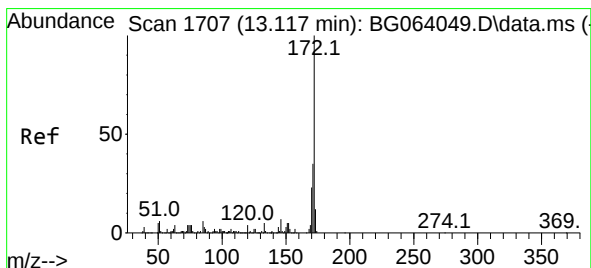
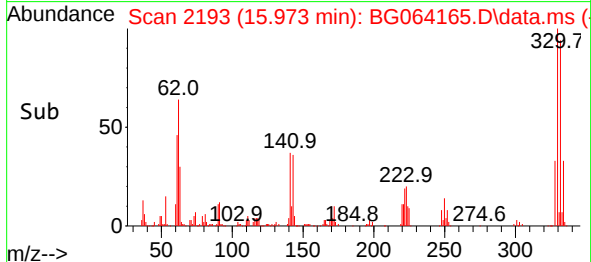
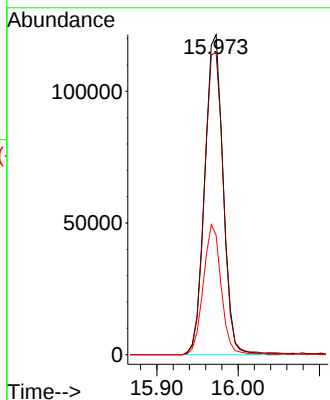


#42
2,4,6-Tribromophenol
Concen: 184.649 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

Instrument :
BNA_G
ClientSampleId :

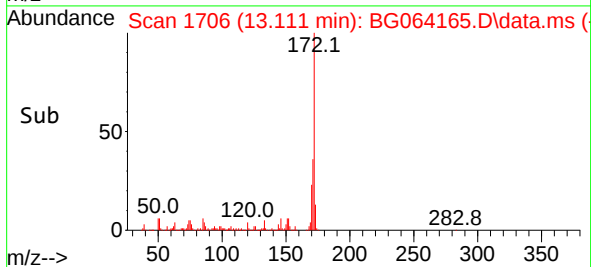
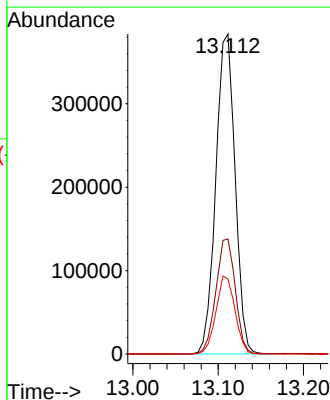
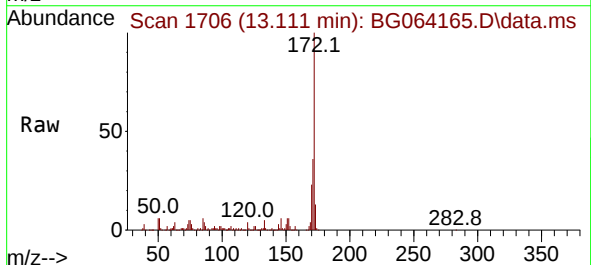


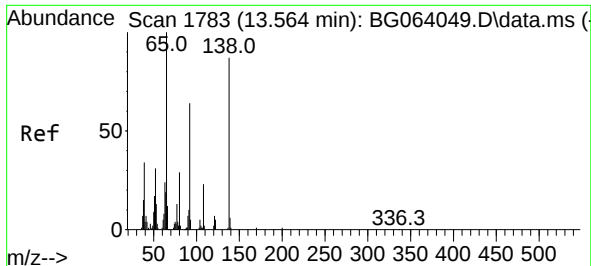
Tgt Ion:330 Resp: 191141
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 39.3 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 98.414 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

Tgt Ion:172 Resp: 603796
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 23.5 18.7 28.1

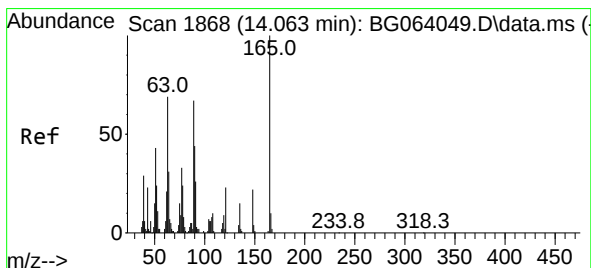
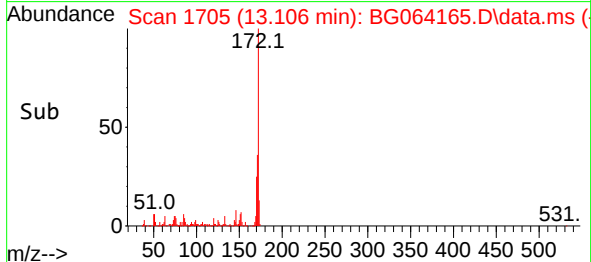
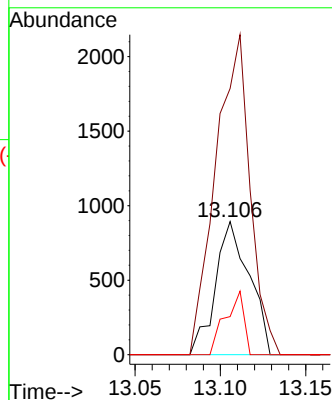
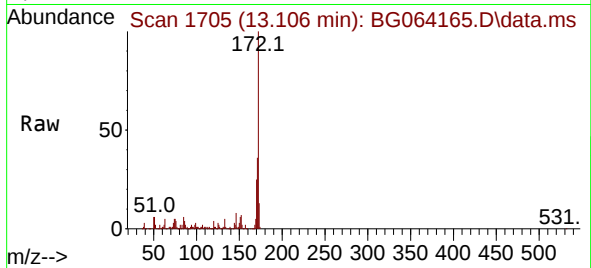




#48
2-Nitroaniline
Concen: 3.991 ng
RT: 13.106 min Scan# 1
Delta R.T. -0.458 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

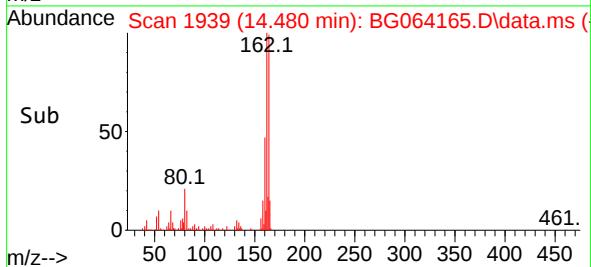
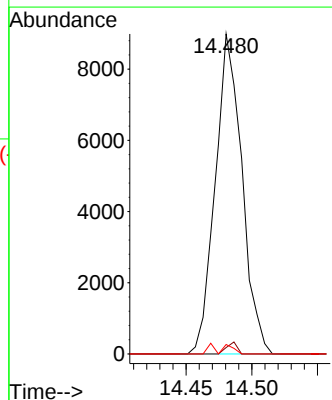
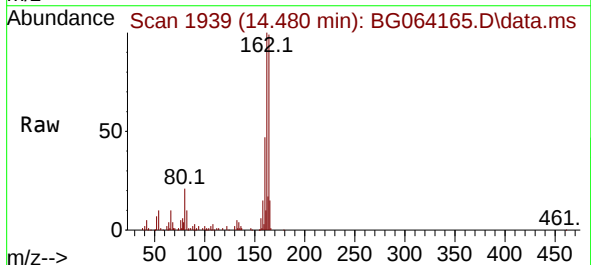
Instrument :
BNA_G
ClientSampleId :

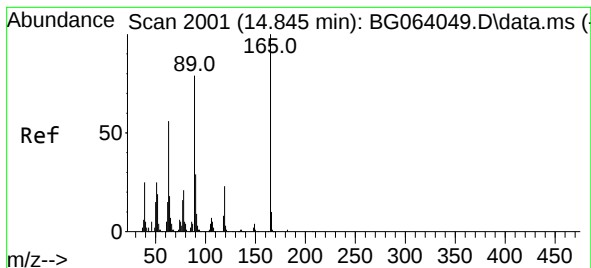
Tgt Ion: 65 Resp: 1236
Ion Ratio Lower Upper
65 100
92 200.0 51.2 76.8#
138 28.7 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 11.825 ng
RT: 14.480 min Scan# 1939
Delta R.T. 0.417 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

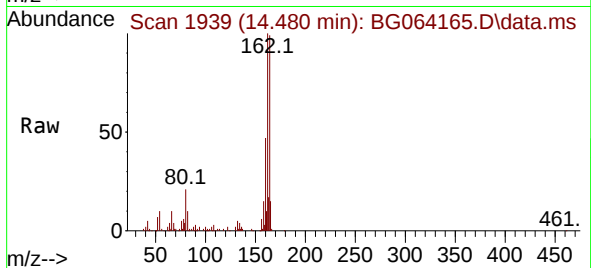
Tgt Ion:165 Resp: 12698
Ion Ratio Lower Upper
165 100
63 2.0 56.7 85.1#
89 2.9 53.7 80.5#



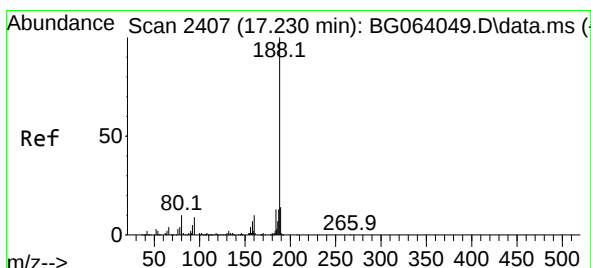
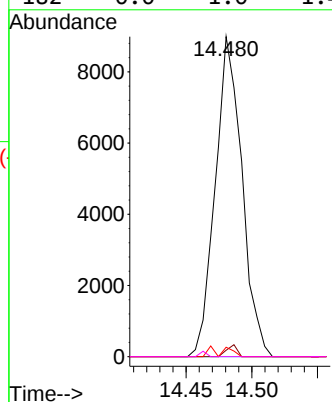
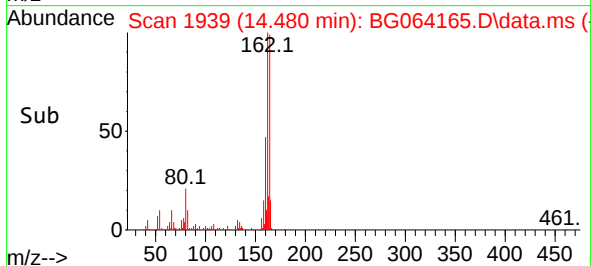


#57
2,4-Dinitrotoluene
Concen: 9.743 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.365 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

Instrument :
BNA_G
ClientSampleId :

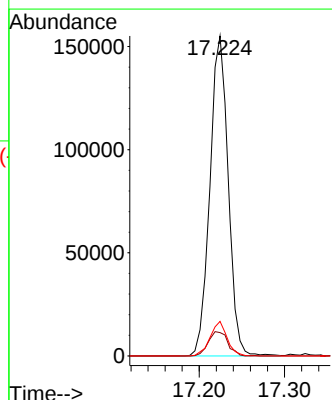
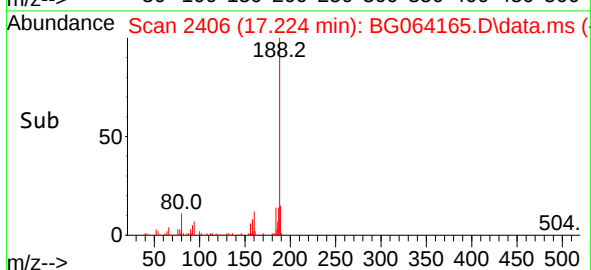
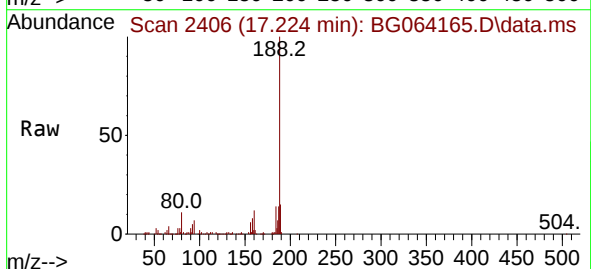


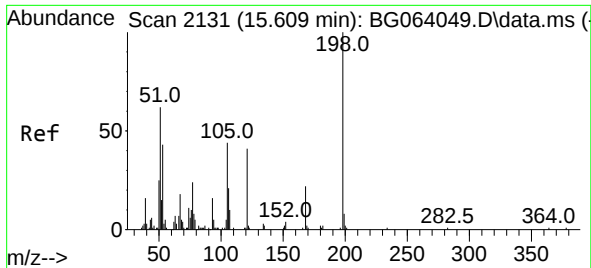
Tgt Ion:165 Resp: 12698
Ion Ratio Lower Upper
165 100
63 2.0 45.0 67.6#
89 2.9 63.1 94.7#
182 0.0 1.0 1.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

Tgt Ion:188 Resp: 231321
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 10.8 8.1 12.1

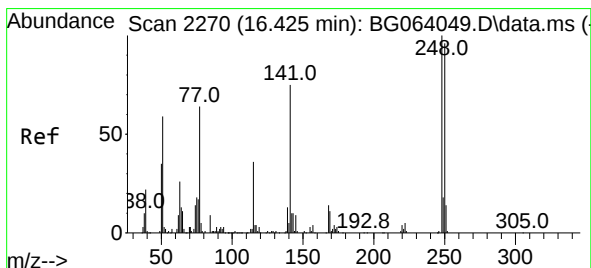
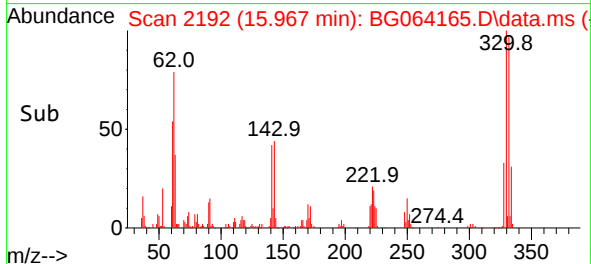
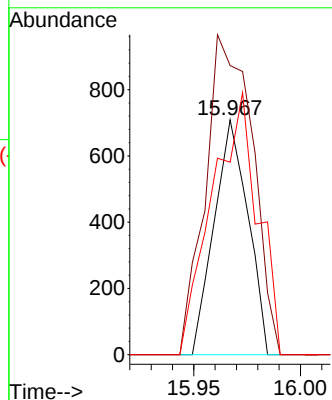
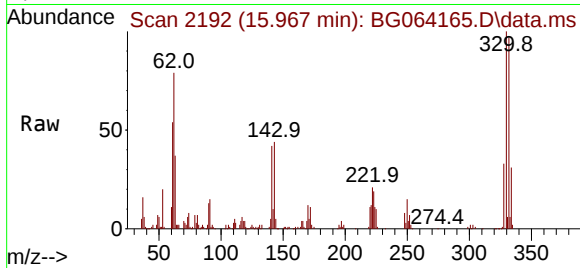




#65
4,6-Dinitro-2-methylphenol
Concen: 8.826 ng
RT: 15.967 min Scan# 2131
Delta R.T. 0.358 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

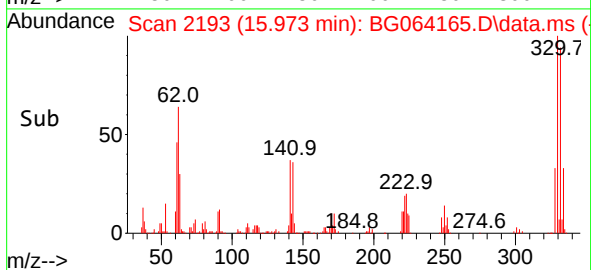
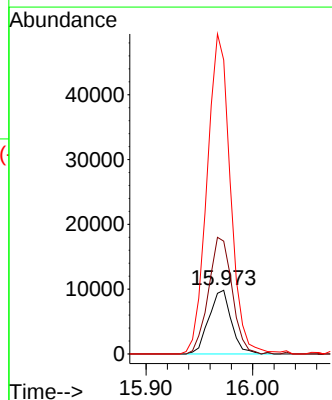
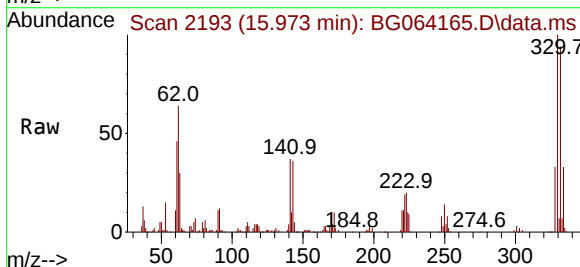
Instrument :
BNA_G
ClientSampleId :

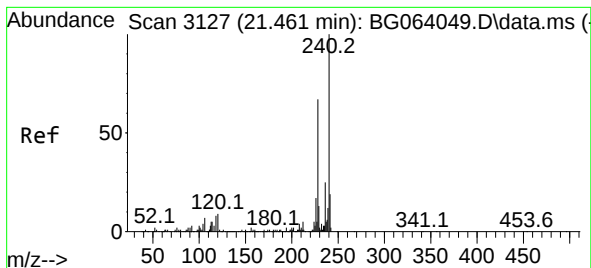
Tgt Ion:198 Resp: 780
Ion Ratio Lower Upper
198 100
51 123.1 45.6 85.6#
105 81.9 25.3 65.3#



#67
4-Bromophenyl-phenylether
Concen: 6.073 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.452 min
Lab File: BG064165.D
Acq: 3 Apr 2025 13:45

Tgt Ion:248 Resp: 14389
Ion Ratio Lower Upper
248 100
250 177.1 77.1 115.7#
141 461.1 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

Instrument :

BNA_G

ClientSampleId :

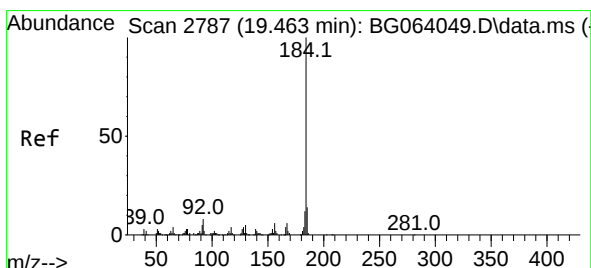
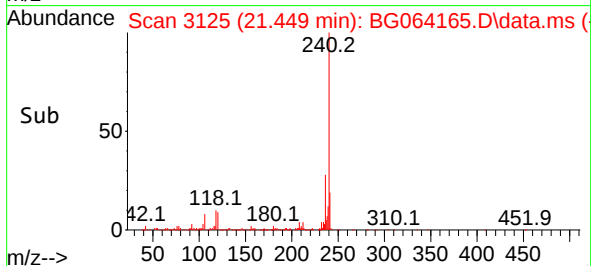
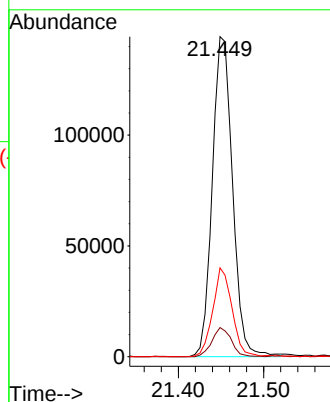
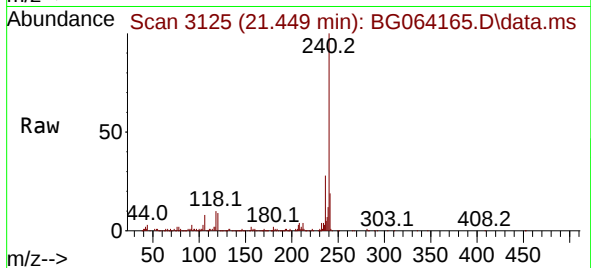
Tgt Ion:240 Resp: 238757

Ion Ratio Lower Upper

240 100

120 9.1 7.2 10.8

236 27.7 20.2 30.2



#77

Benzidine

Concen: 6.897 ng

RT: 19.845 min Scan# 2852

Delta R.T. 0.382 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

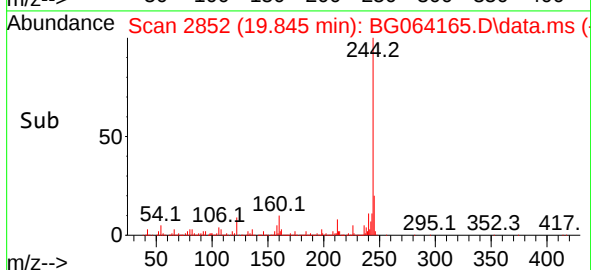
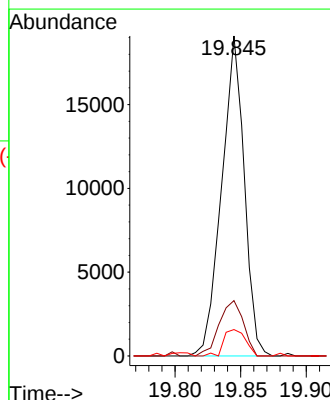
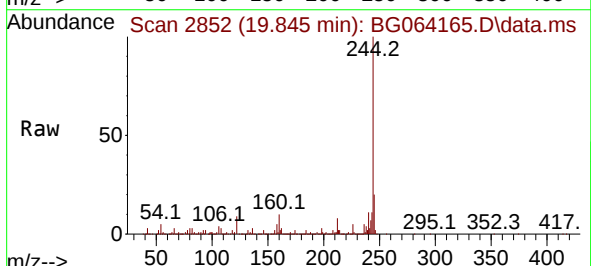
Tgt Ion:184 Resp: 22803

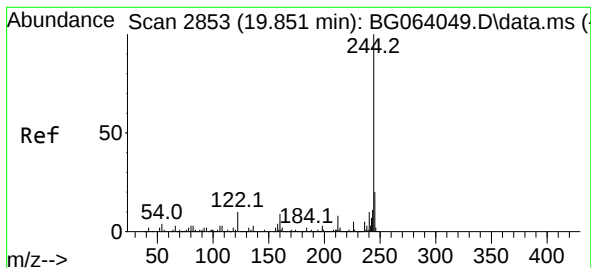
Ion Ratio Lower Upper

184 100

185 17.3 11.3 16.9#

183 8.3 9.5 14.3#





#79

Terphenyl-d14

Concen: 104.404 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

Instrument :

BNA_G

ClientSampleId :

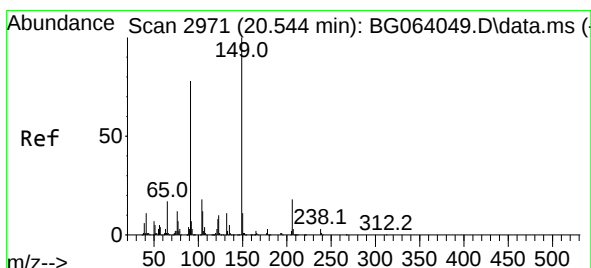
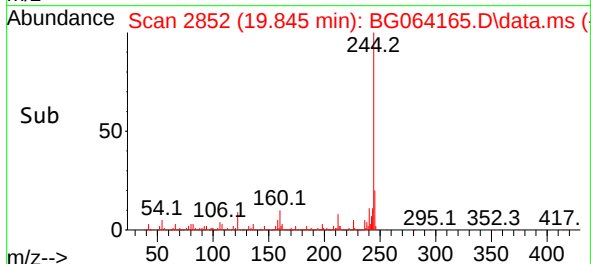
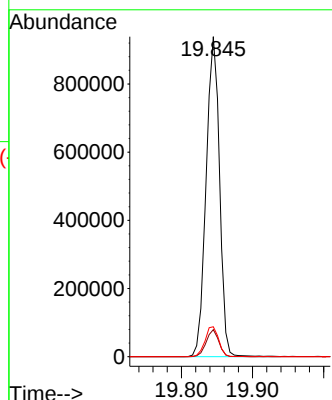
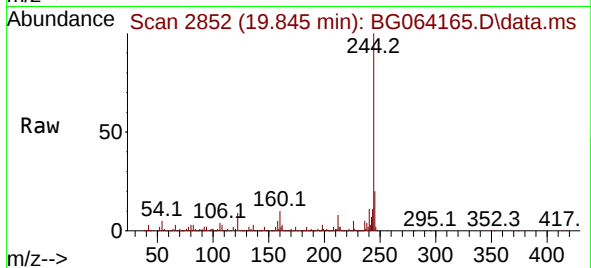
Tgt Ion:244 Resp: 1232796

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

122 9.4 8.0 12.0



#80

Butylbenzylphthalate

Concen: 3.650 ng

RT: 20.520 min Scan# 2967

Delta R.T. -0.024 min

Lab File: BG064165.D

Acq: 3 Apr 2025 13:45

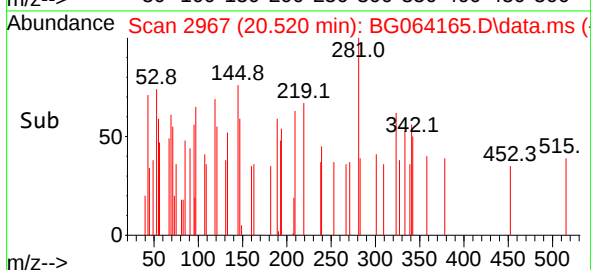
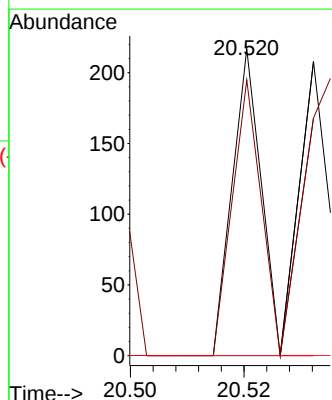
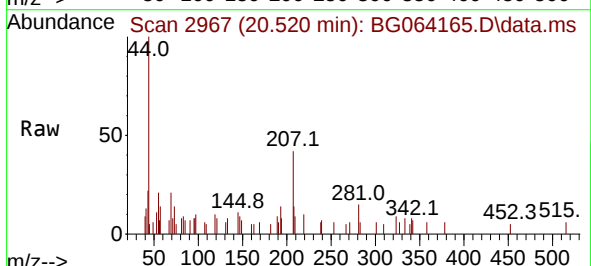
Tgt Ion:149 Resp: 77

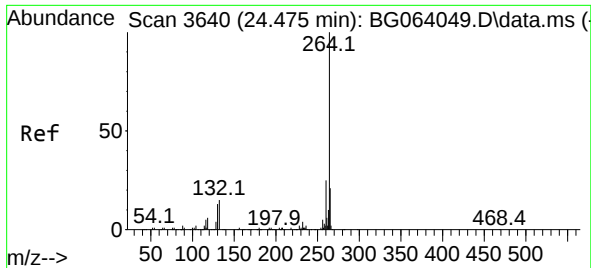
Ion Ratio Lower Upper

149 100

91 89.9 62.0 93.0

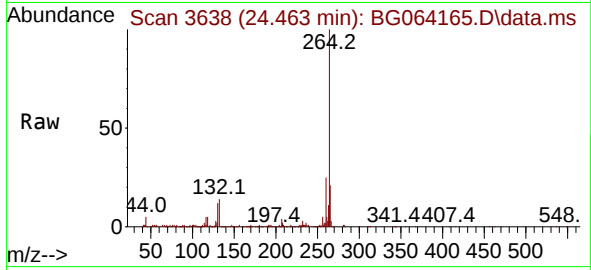
206 0.0 14.6 21.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.463 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG064165.D
 Acq: 3 Apr 2025 13:45

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 254552

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	20.5	16.6	25.0

