

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064188.D
 Acq On : 4 Apr 2025 5:26
 Operator : RC/JU
 Sample : Q1693-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:06:37 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)

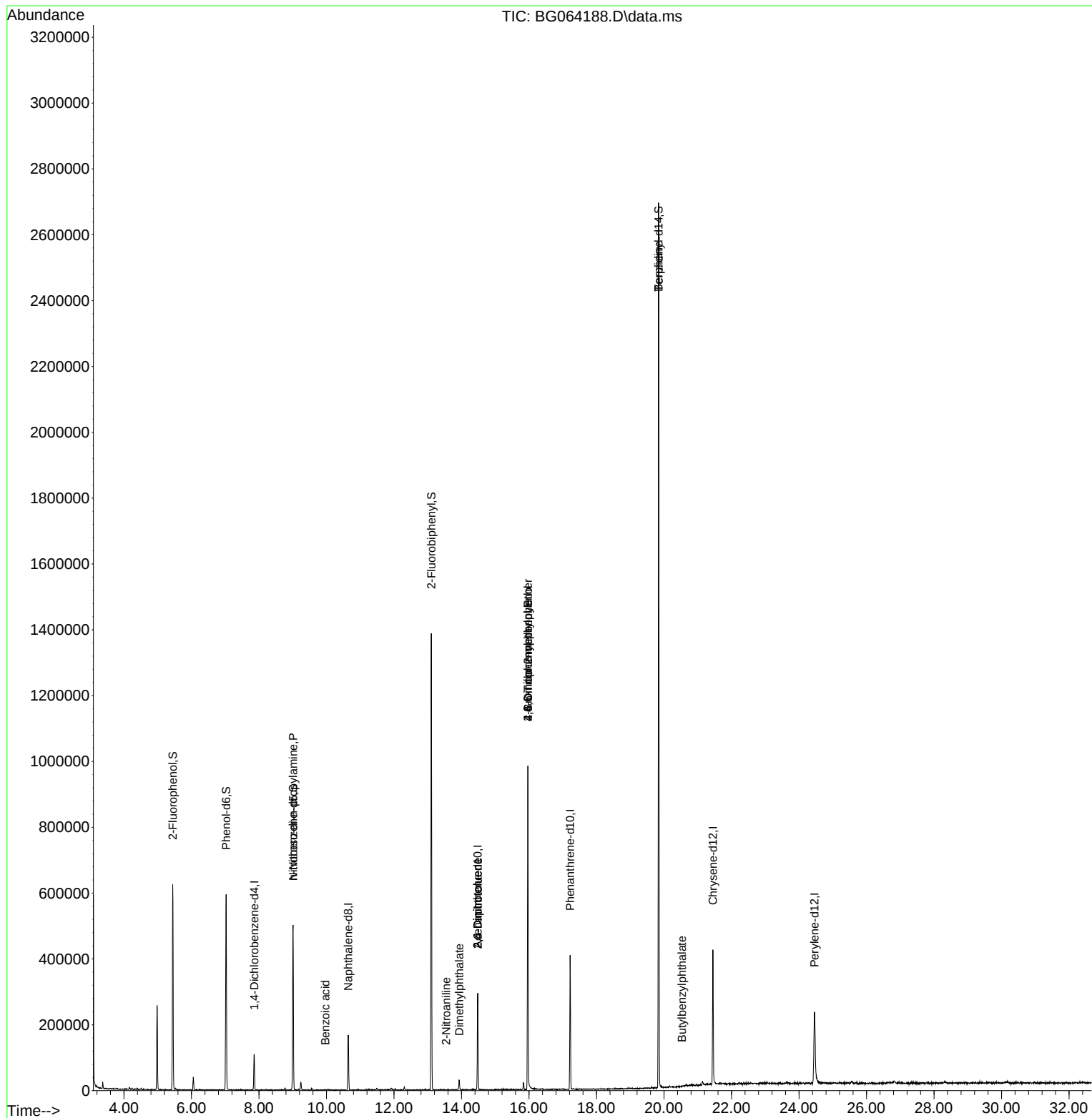
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	26830	20.000	ng	# 0.00
21) Naphthalene-d8	10.644	136	126961	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	99084	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	232185	20.000	ng	#-0.01
76) Chrysene-d12	21.449	240	226634	20.000	ng	-0.01
86) Perylene-d12	24.457	264	241436	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	227001	132.109	ng	0.00
7) Phenol-d6	7.025	99	276064	118.101	ng	0.00
23) Nitrobenzene-d5	9.011	82	260768	113.504	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	168314	152.820	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	650778	99.694	ng	-0.01
79) Terphenyl-d14	19.839	244	1233198	110.024	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.011	70	36499	22.249	ng	# 70
32) Benzoic acid	9.968	122	69	8.734	ng	# 31
48) 2-Nitroaniline	13.547	65	53	3.245	ng	# 11
50) Dimethylphthalate	13.934	163	16233	2.219	ng	# 91
51) 2,6-Dinitrotoluene	14.481	165	13424	11.771	ng	# 17
57) 2,4-Dinitrotoluene	14.481	165	13424	9.704	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.967	198	766	8.812	ng	# 1
67) 4-Bromophenyl-phenylether	15.967	248	12069	5.075	ng	# 1
77) Benzidine	19.839	184	24793	7.900	ng	# 83
80) Butylbenzylphthalate	20.533	149	227	3.676	ng	# 86

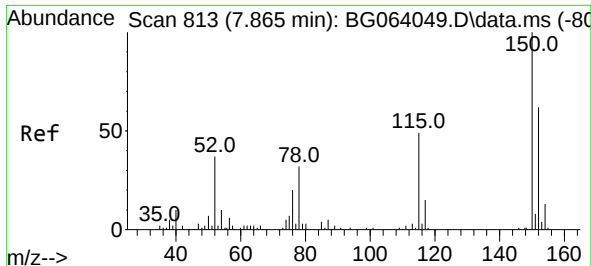
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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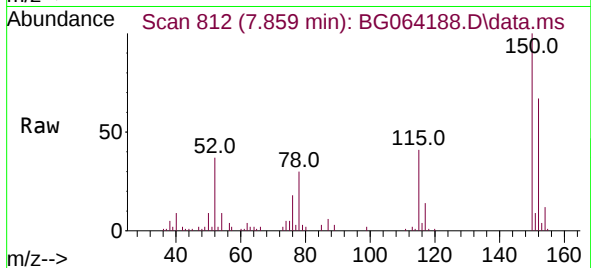
Quant Time: Apr 04 07:06:37 2025
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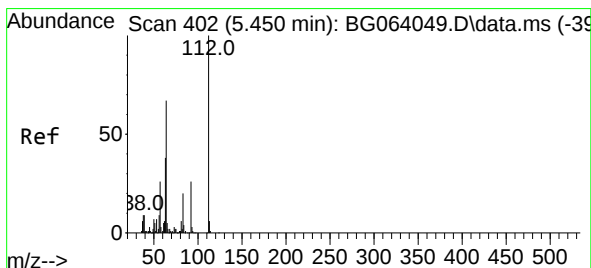
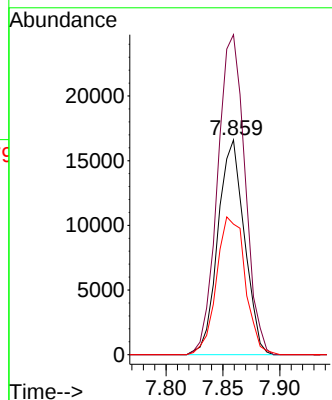
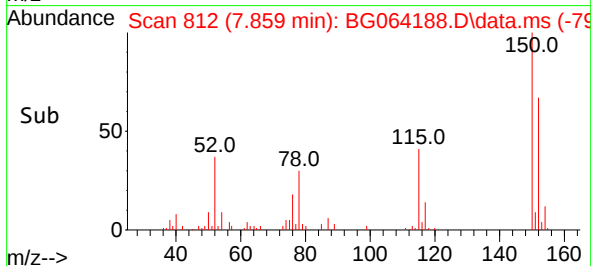


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Instrument :
BNA_G
ClientSampleId :

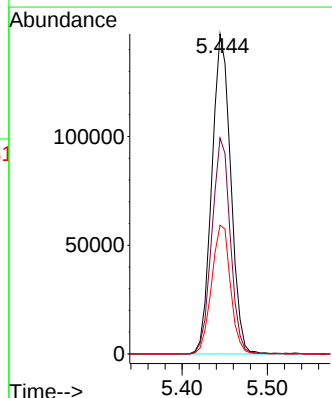
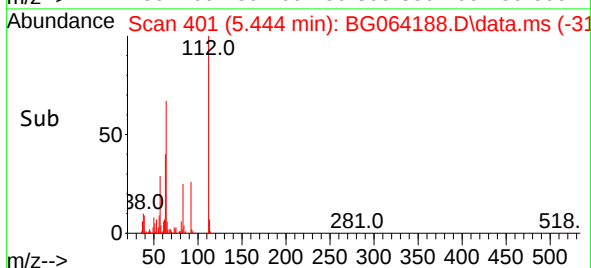
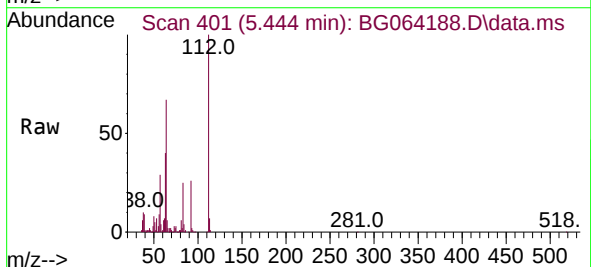


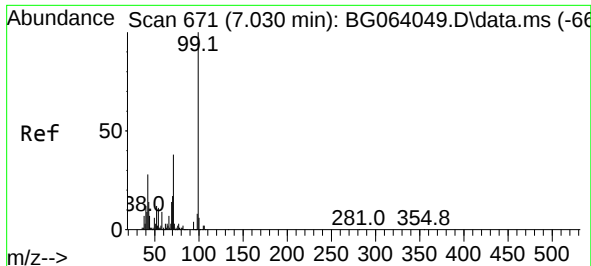
Tgt Ion:152 Resp: 26830
Ion Ratio Lower Upper
152 100
150 149.0 129.2 193.8
115 60.8 63.0 94.6#



#5
2-Fluorophenol
Concen: 132.109 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Tgt Ion:112 Resp: 227001
Ion Ratio Lower Upper
112 100
64 67.5 53.7 80.5
63 40.3 30.2 45.4

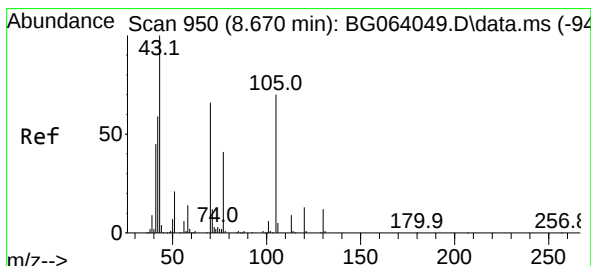
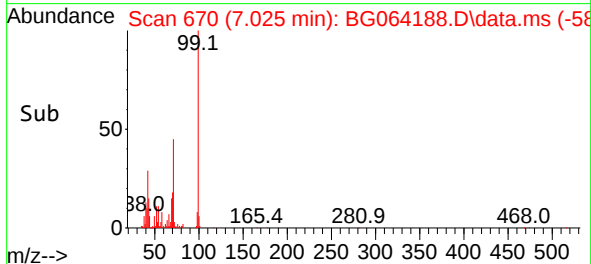
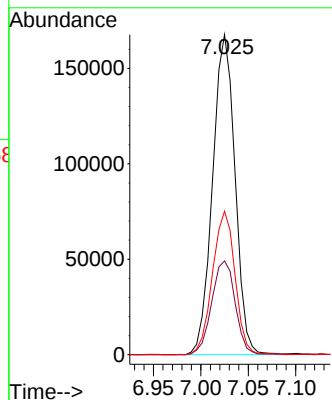
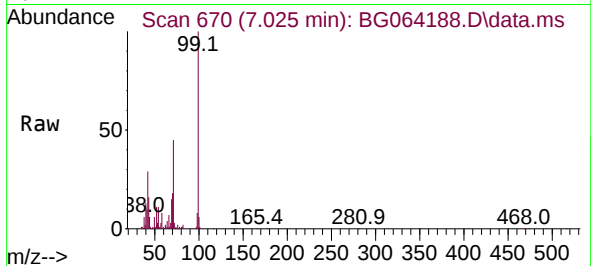




#7
Phenol-d6
Concen: 118.101 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

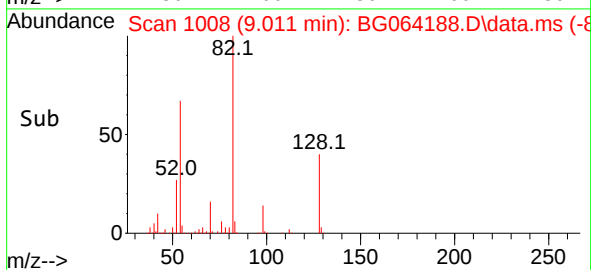
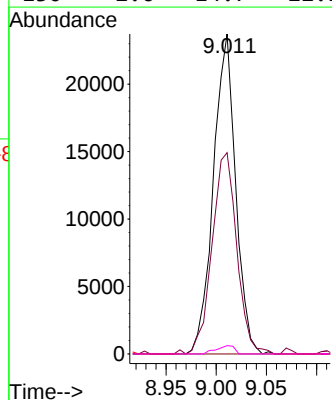
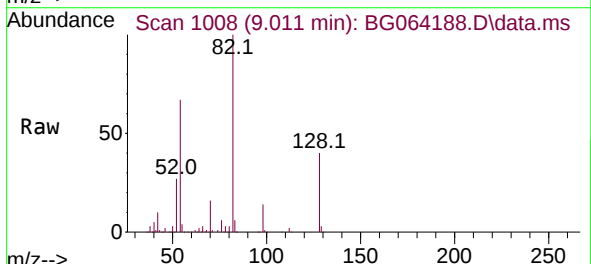
Instrument :
BNA_G
ClientSampleId :

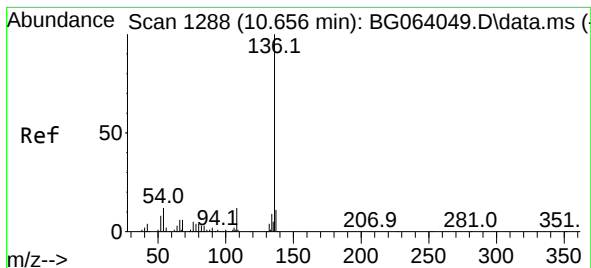
Tgt Ion: 99 Resp: 276064
Ion Ratio Lower Upper
99 100
42 29.3 22.7 34.1
71 44.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.249 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Tgt Ion: 70 Resp: 36499
Ion Ratio Lower Upper
70 100
42 62.9 72.1 108.1#
101 0.0 7.2 10.8#
130 2.6 14.7 22.1#

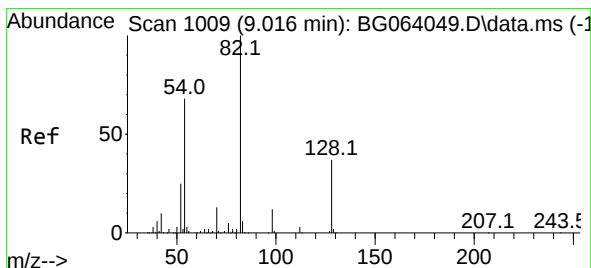
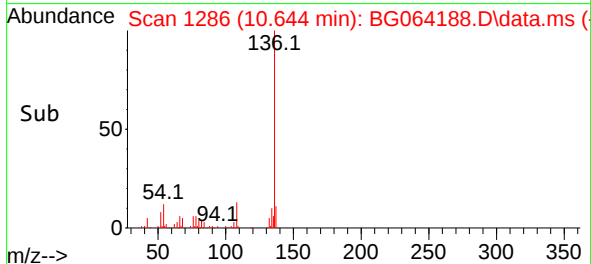
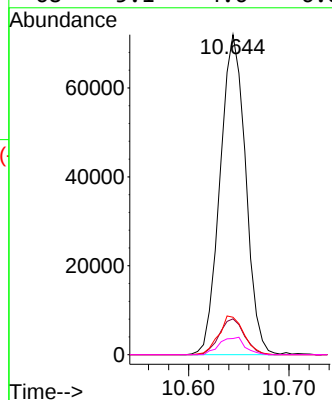
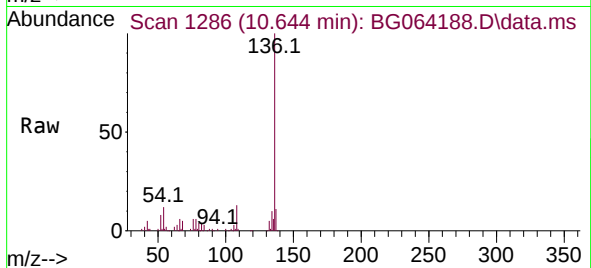




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

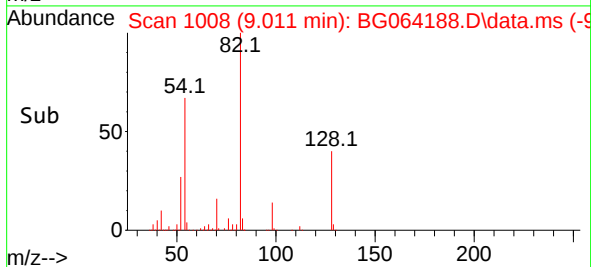
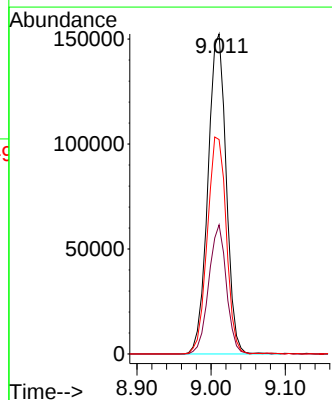
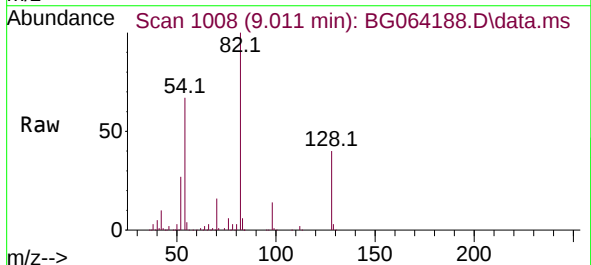
Instrument :
BNA_G
ClientSampleId :

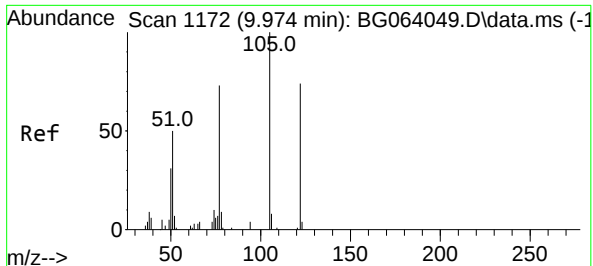
Tgt Ion:136	Resp: 126961
Ion Ratio	Lower Upper
136 100	
137 11.2	8.5 12.7
54 11.7	9.9 14.9
68 5.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 113.504 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

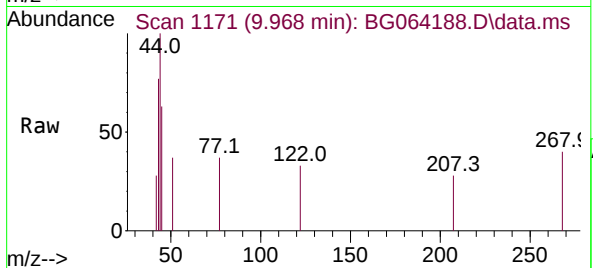
Tgt Ion: 82	Resp: 260768
Ion Ratio	Lower Upper
82 100	
128 40.3	30.0 45.0
54 67.0	54.7 82.1



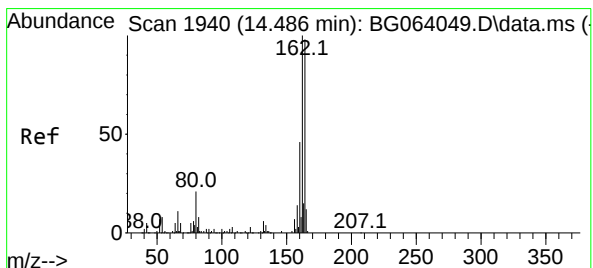
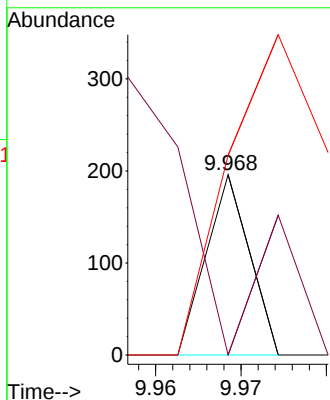
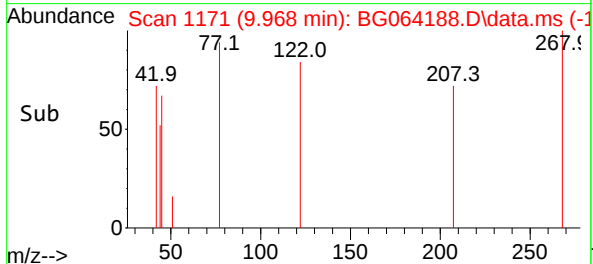


#32
Benzoic acid
Concen: 8.734 ng
RT: 9.968 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Instrument :
BNA_G
ClientSampleId :

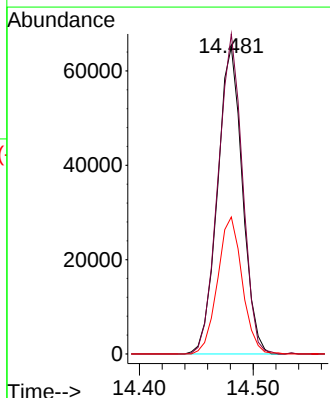
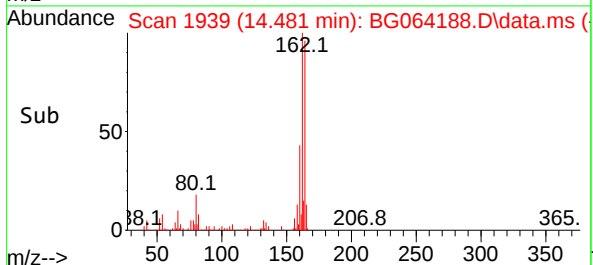
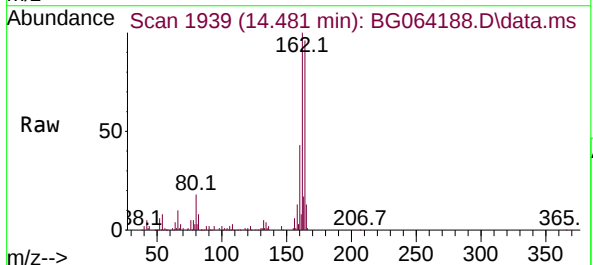


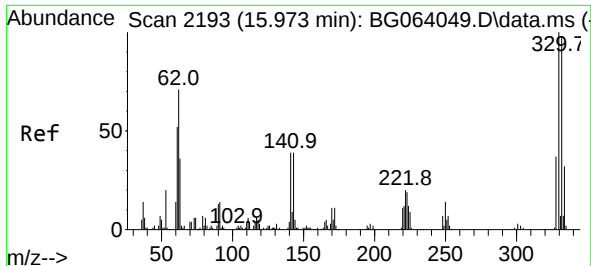
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 110.7 80.9 120.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

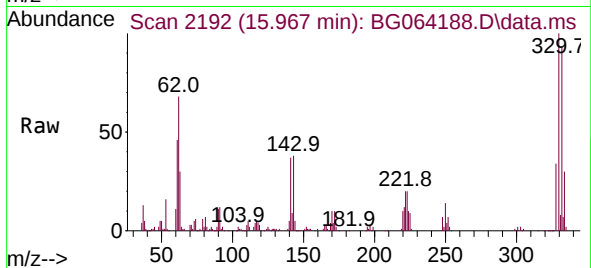
Tgt Ion:164 Resp: 99084
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 44.6 37.0 55.6



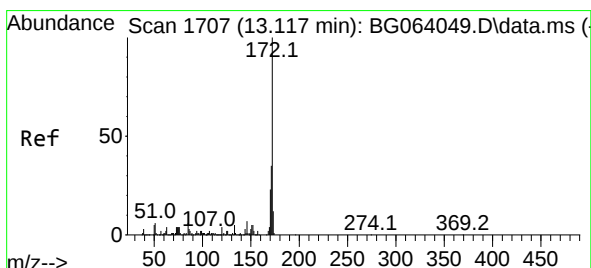
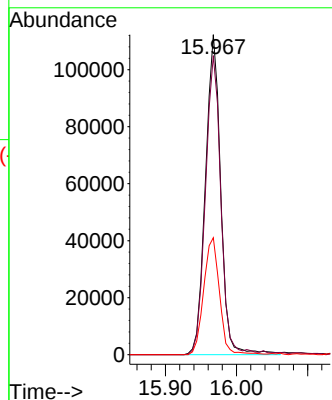
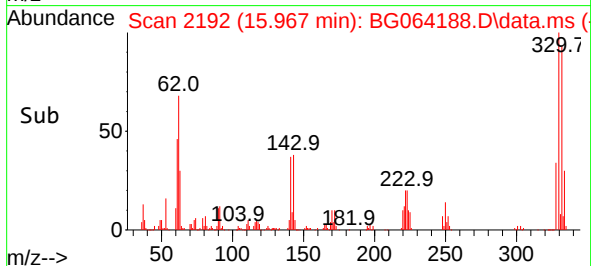


#42
2,4,6-Tribromophenol
Concen: 152.820 ng
RT: 15.967 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

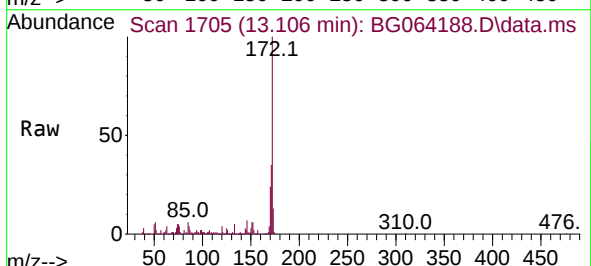
Instrument :
BNA_G
ClientSampleId :



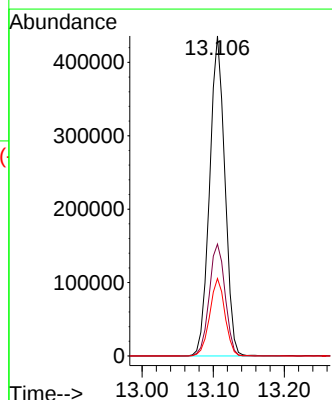
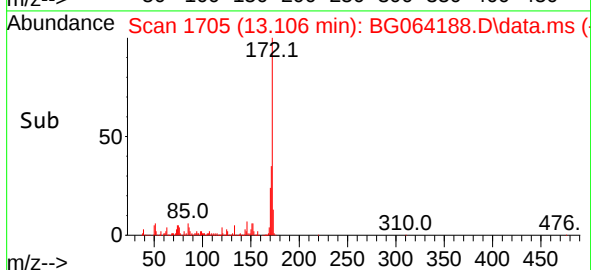
Tgt Ion:330 Resp: 168314
Ion Ratio Lower Upper
330 100
332 94.0 76.7 115.1
141 37.8 29.7 44.5

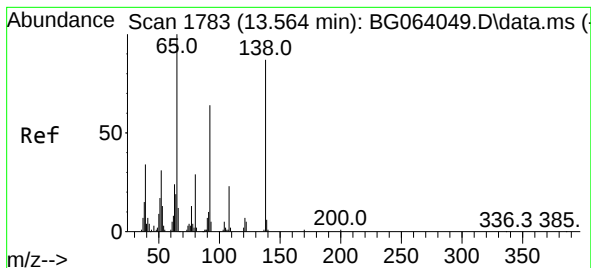


#45
2-Fluorobiphenyl
Concen: 99.694 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26



Tgt Ion:172 Resp: 650778
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 24.2 18.7 28.1





#48

2-Nitroaniline

Concen: 3.245 ng

RT: 13.547 min Scan# 1

Delta R.T. -0.017 min

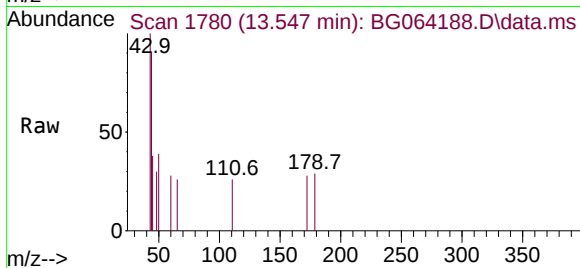
Lab File: BG064188.D

Acq: 4 Apr 2025 5:26

Instrument :

BNA_G

ClientSampleId :



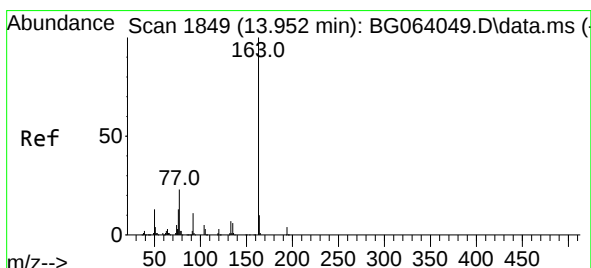
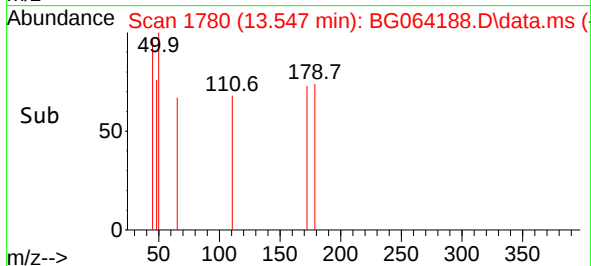
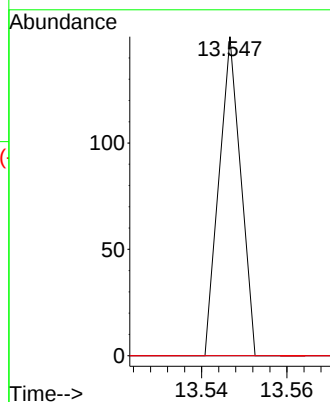
Tgt Ion: 65 Resp: 53

Ion Ratio Lower Upper

65 100

92 0.0 51.2 76.8#

138 0.0 69.4 104.2#



#50

Dimethylphthalate

Concen: 2.219 ng

RT: 13.934 min Scan# 1846

Delta R.T. -0.017 min

Lab File: BG064188.D

Acq: 4 Apr 2025 5:26

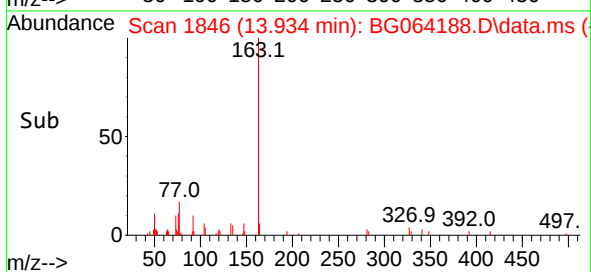
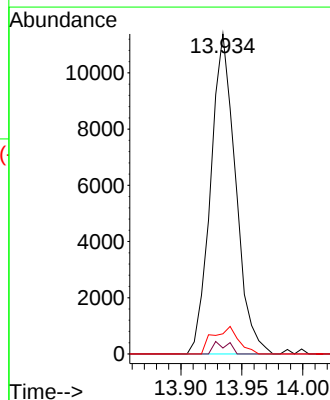
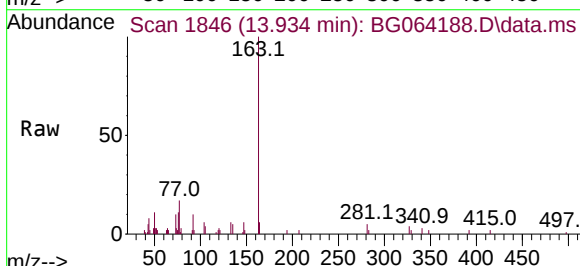
Tgt Ion: 163 Resp: 16233

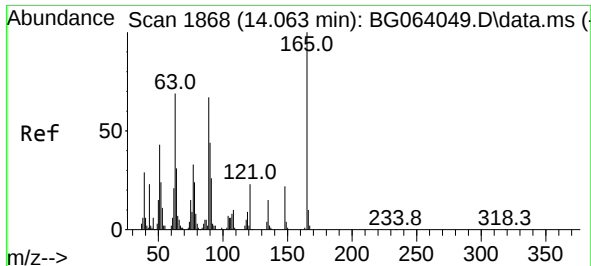
Ion Ratio Lower Upper

163 100

194 1.8 2.8 4.2#

164 6.3 8.2 12.2#

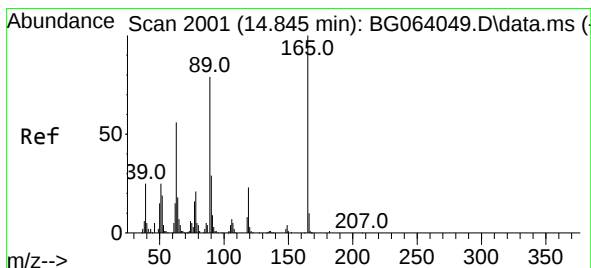
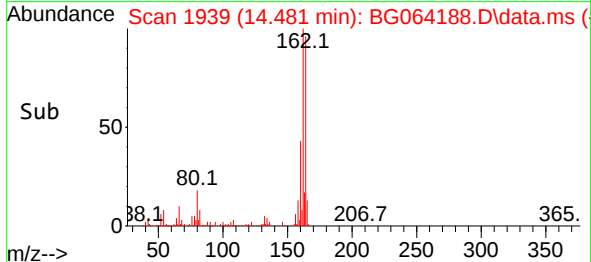
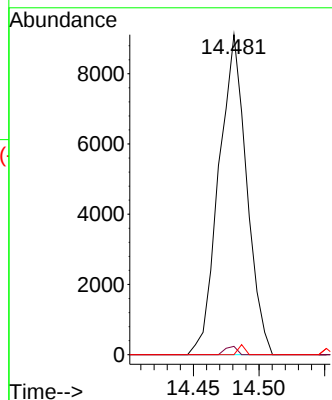
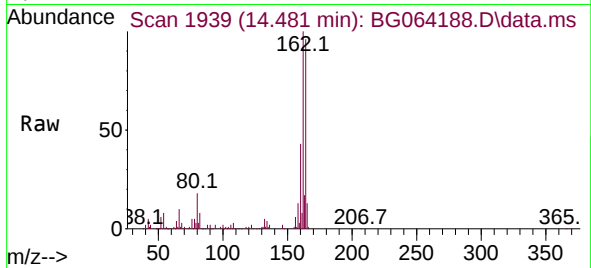




#51
2,6-Dinitrotoluene
Concen: 11.771 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.418 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

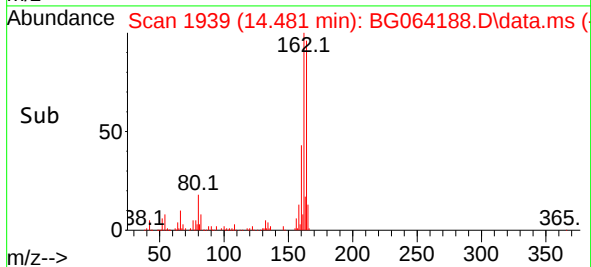
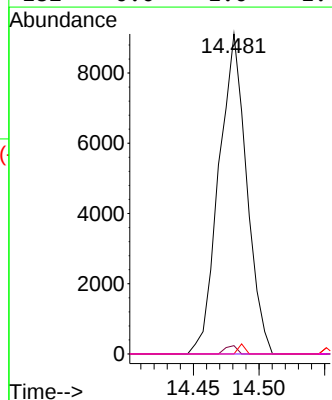
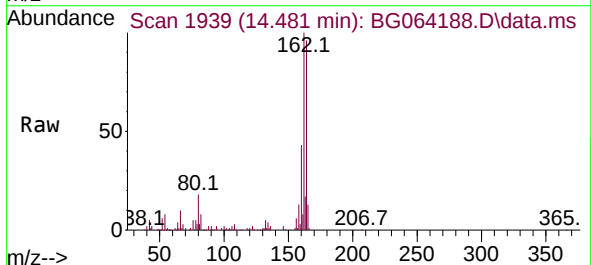
Instrument :
BNA_G
ClientSampleId :

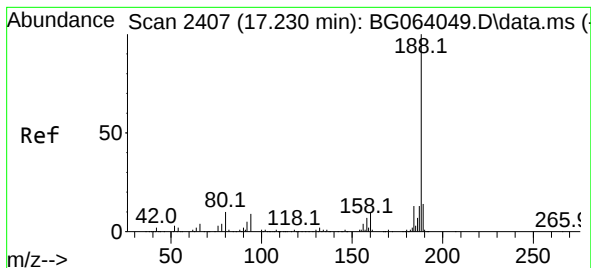
Tgt Ion:165 Resp: 13424
Ion Ratio Lower Upper
165 100
63 2.6 56.7 85.1#
89 0.0 53.7 80.5#



#57
2,4-Dinitrotoluene
Concen: 9.704 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.364 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Tgt Ion:165 Resp: 13424
Ion Ratio Lower Upper
165 100
63 2.6 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# 2407

Delta R.T. -0.011 min

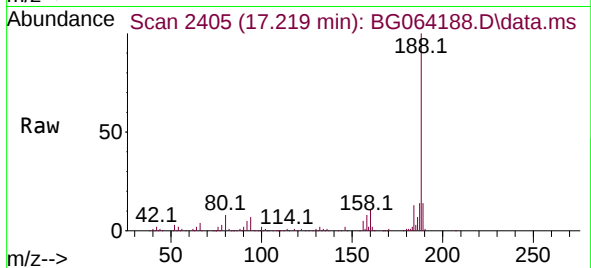
Lab File: BG064188.D

Acq: 4 Apr 2025 5:26

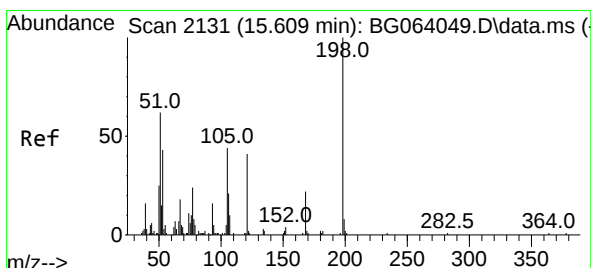
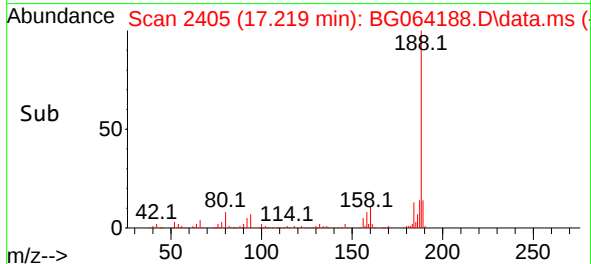
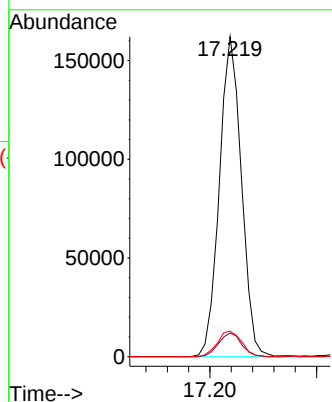
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:188	Resp:	232185
Ion Ratio	Lower	Upper
188	100	
94	7.4	6.9 10.3
80	8.0	8.1 12.1#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.812 ng

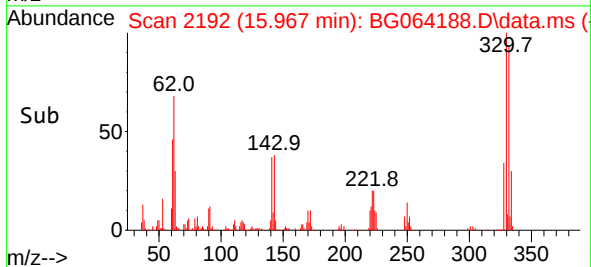
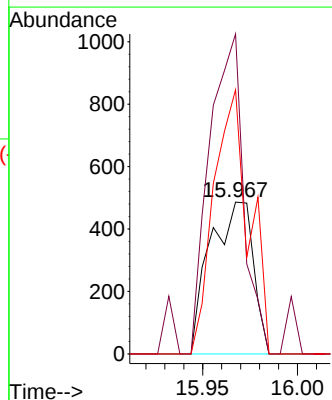
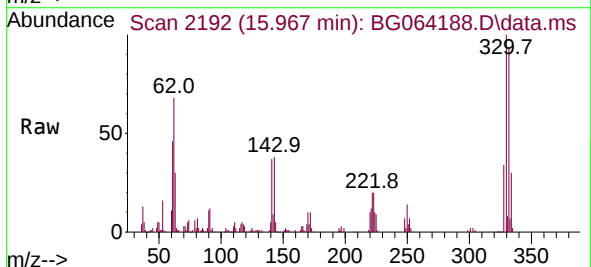
RT: 15.967 min Scan# 2192

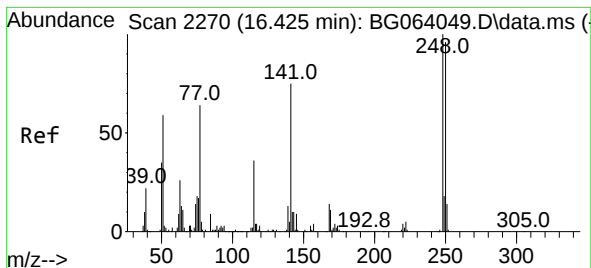
Delta R.T. 0.358 min

Lab File: BG064188.D

Acq: 4 Apr 2025 5:26

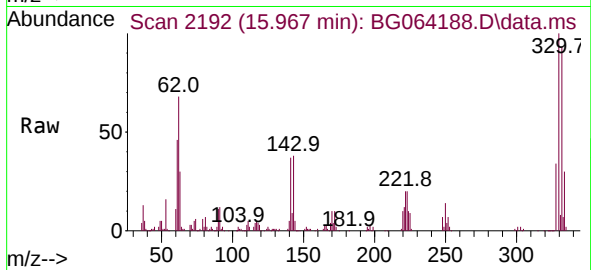
Tgt Ion:198	Resp:	766
Ion Ratio	Lower	Upper
198	100	
51	210.9	45.6 85.6#
105	174.1	25.3 65.3#



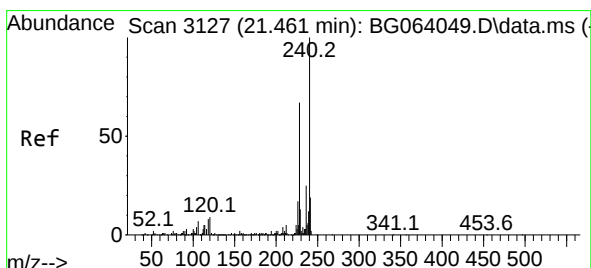
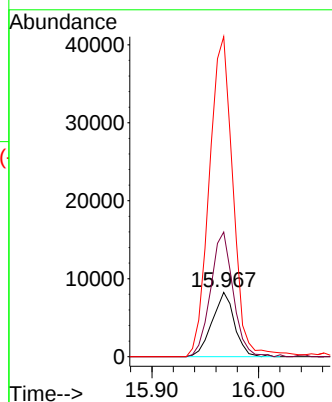
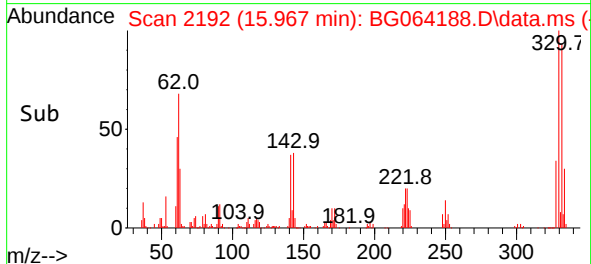


#67
4-Bromophenyl-phenylether
Concen: 5.075 ng
RT: 15.967 min Scan# 2119
Delta R.T. -0.458 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

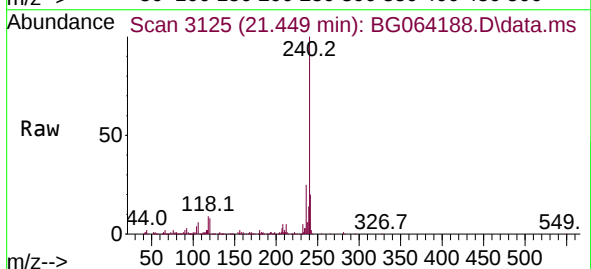
Instrument :
BNA_G
ClientSampleId :



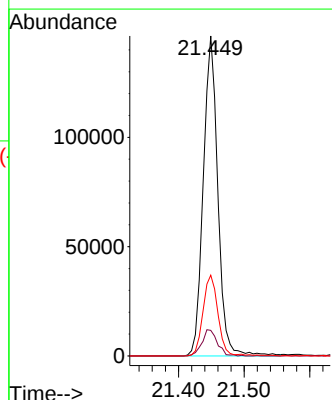
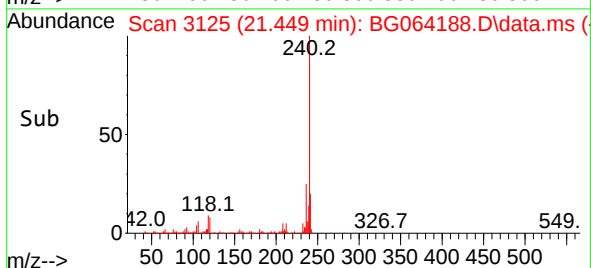
Tgt Ion:248 Resp: 12069
Ion Ratio Lower Upper
248 100
250 193.6 77.1 115.7#
141 497.1 59.8 89.8#

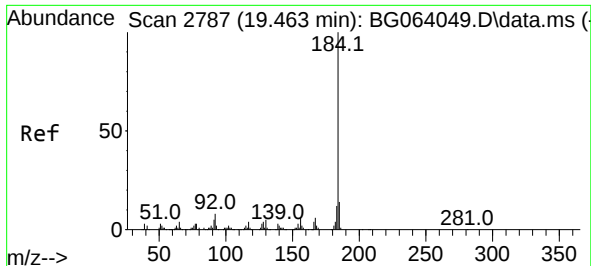


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26



Tgt Ion:240 Resp: 226634
Ion Ratio Lower Upper
240 100
120 8.0 7.2 10.8
236 25.3 20.2 30.2

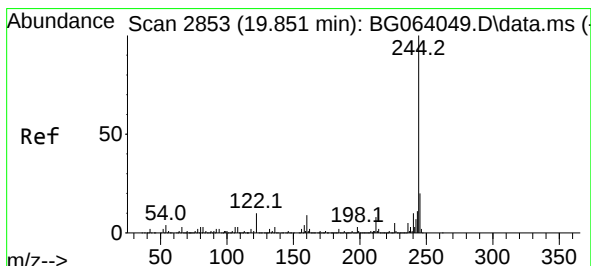
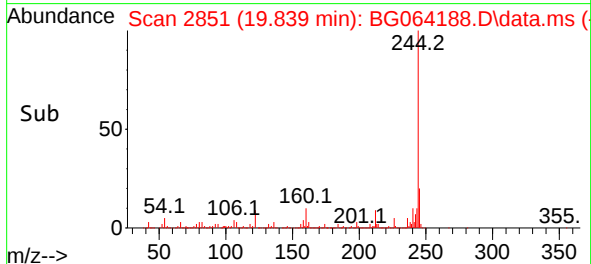
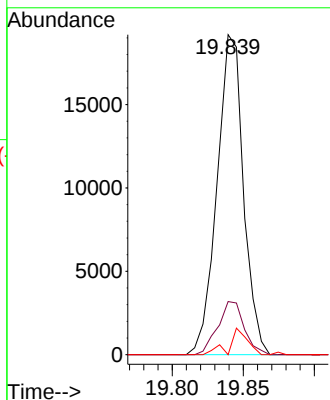
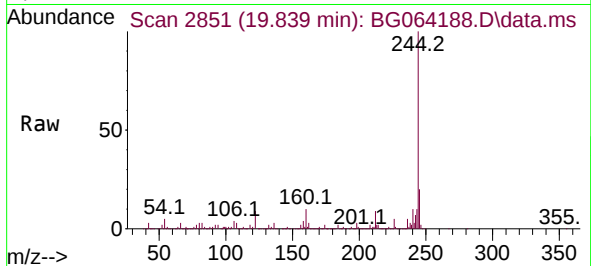




#77
Benzidine
Concen: 7.900 ng
RT: 19.839 min Scan# 2851
Delta R.T. 0.376 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

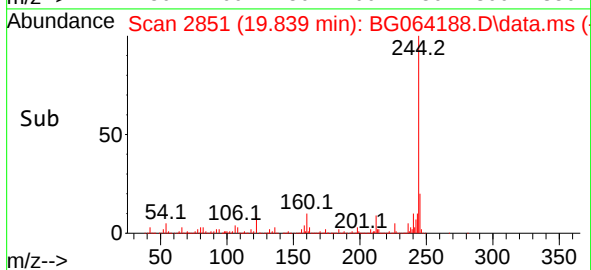
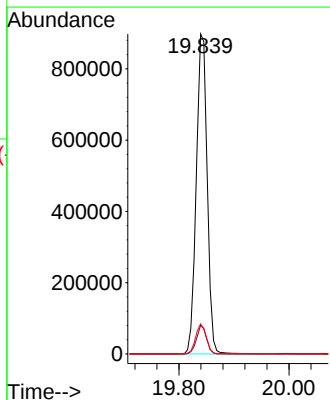
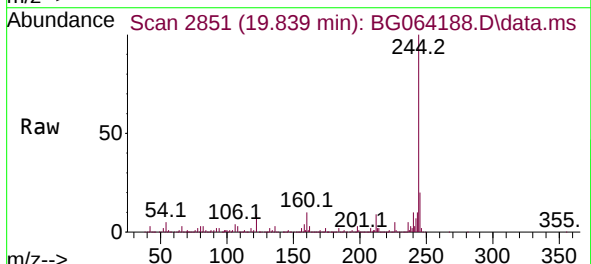
Instrument :
BNA_G
ClientSampleId :

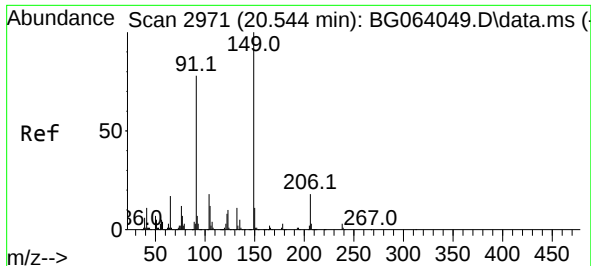
Tgt Ion:184 Resp: 24793
Ion Ratio Lower Upper
184 100
185 16.6 11.3 16.9
183 0.0 9.5 14.3#



#79
Terphenyl-d14
Concen: 110.024 ng
RT: 19.839 min Scan# 2851
Delta R.T. -0.011 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

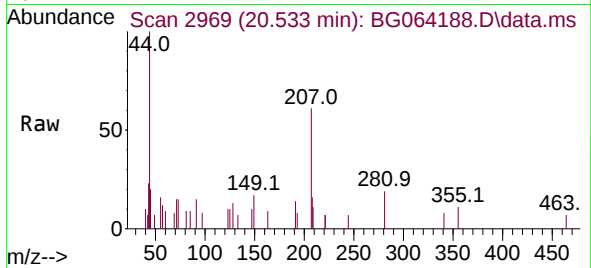
Tgt Ion:244 Resp: 1233198
Ion Ratio Lower Upper
244 100
212 8.9 6.2 9.4
122 9.4 8.0 12.0



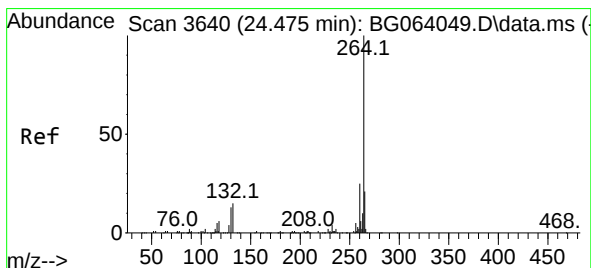
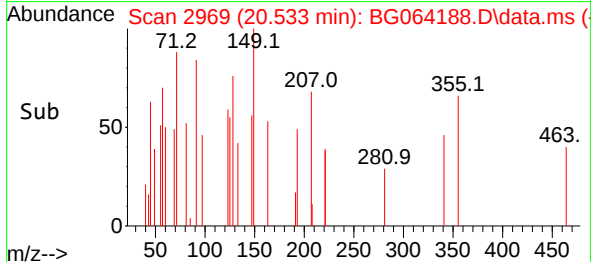
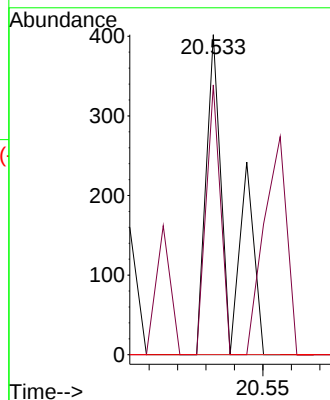


#80
Butylbenzylphthalate
Concen: 3.676 ng
RT: 20.533 min Scan# 2971
Delta R.T. -0.011 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:149 Resp: 227
Ion Ratio Lower Upper
149 100
91 84.3 62.0 93.0
206 0.0 14.6 21.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.457 min Scan# 3637
Delta R.T. -0.017 min
Lab File: BG064188.D
Acq: 4 Apr 2025 5:26

Tgt Ion:264 Resp: 241436
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 21.0 16.6 25.0

