

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064156.D
 Acq On : 2 Apr 2025 17:04
 Operator : RC/JU
 Sample : Q1671-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1RE

Quant Time: Apr 02 18:19:35 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)

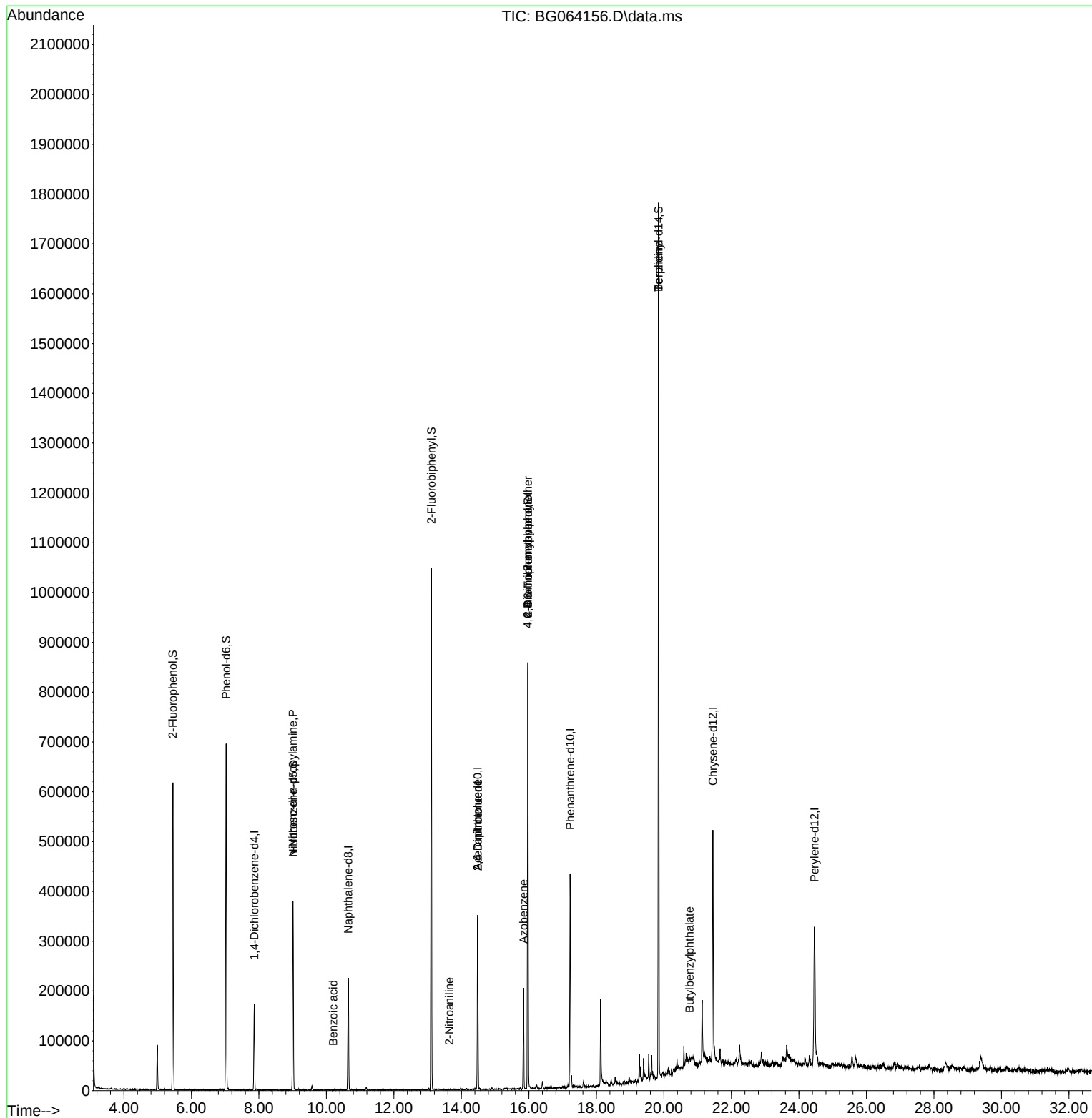
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	41087	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	177900	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	117152	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	246341	20.000	ng	0.00
76) Chrysene-d12	21.451	240	251344	20.000	ng	0.00
86) Perylene-d12	24.459	264	269520	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	233966	88.915	ng	0.00
7) Phenol-d6	7.027	99	330512	92.331	ng	0.00
23) Nitrobenzene-d5	9.013	82	208491	64.765	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	145546	111.767	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	499375	64.702	ng	0.00
79) Terphenyl-d14	19.841	244	773070	62.191	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.007	70	29401	11.703	ng	# 67
32) Benzoic acid	10.200	122	86	8.729	ng	# 1
48) 2-Nitroaniline	13.643	65	60	3.243	ng	# 11
51) 2,6-Dinitrotoluene	14.483	165	16421	12.062	ng	# 18
57) 2,4-Dinitrotoluene	14.483	165	16421	9.914	ng	# 18
63) Azobenzene	15.840	77	54114	5.402	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.963	198	254	8.377	ng	# 1
67) 4-Bromophenyl-phenylether	15.969	248	10405	4.124	ng	# 1
77) Benzidine	19.841	184	14984	4.305	ng	97
80) Butylbenzylphthalate	20.758	149	367	3.693	ng	85

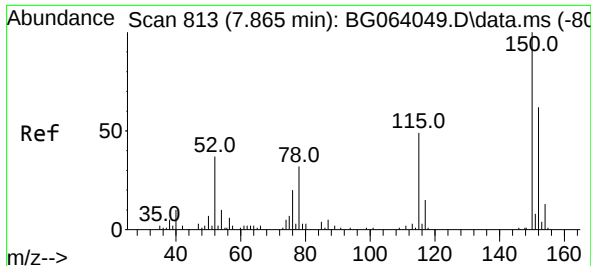
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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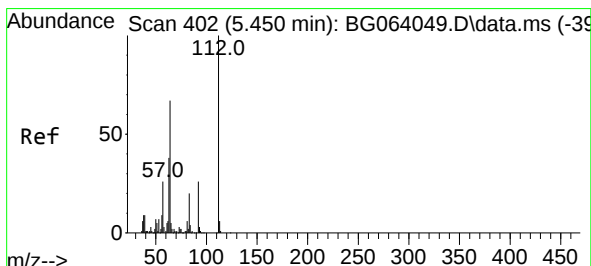
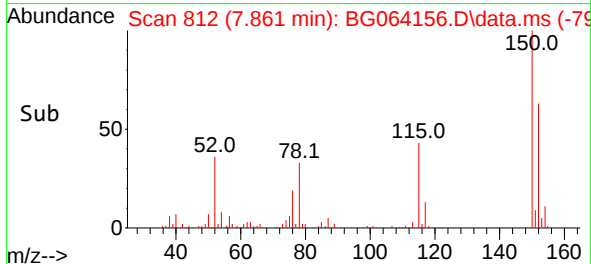
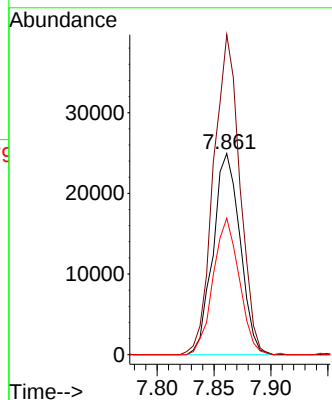
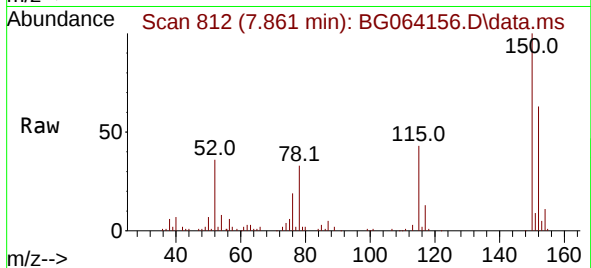




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

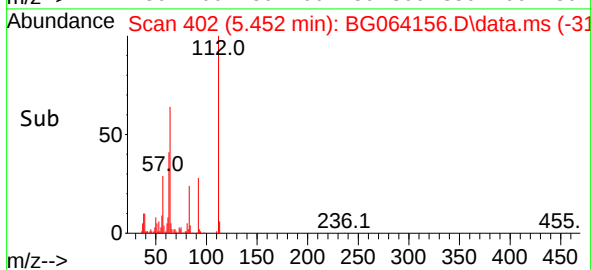
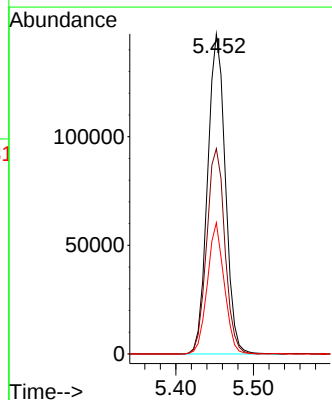
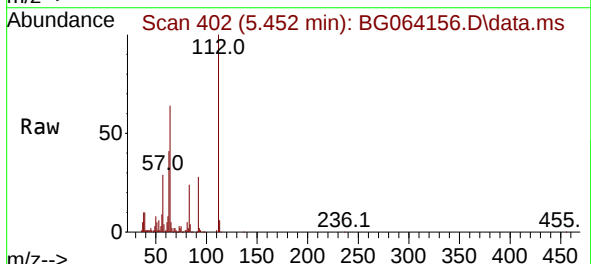
Instrument :
BNA_G
ClientSampleId :
WC-1RE

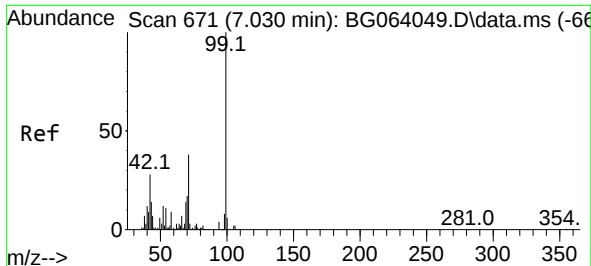
Tgt Ion:152 Resp: 41087
Ion Ratio Lower Upper
152 100
150 159.0 129.2 193.8
115 67.8 63.0 94.6



#5
2-Fluorophenol
Concen: 88.915 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion:112 Resp: 233966
Ion Ratio Lower Upper
112 100
64 64.1 53.7 80.5
63 41.0 30.2 45.4

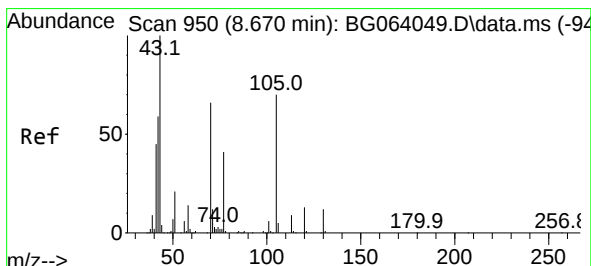
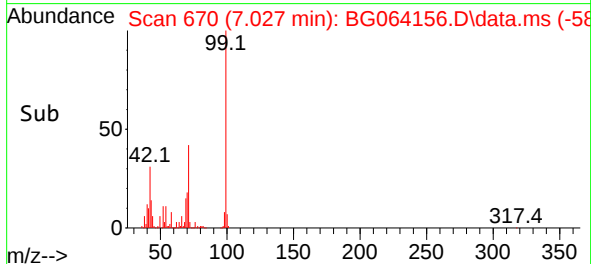
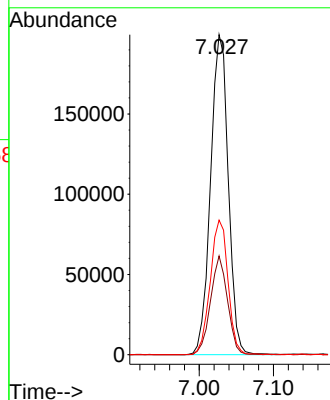
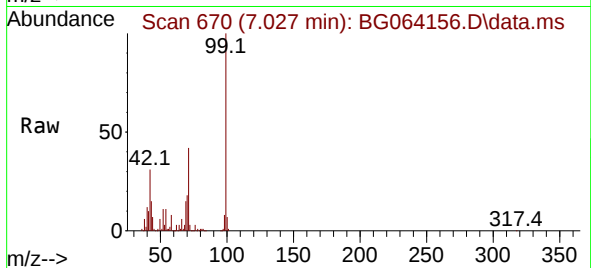




#7
Phenol-d6
Concen: 92.331 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

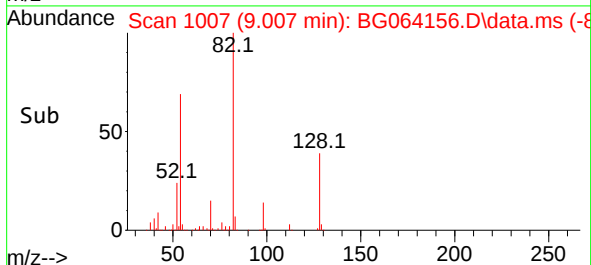
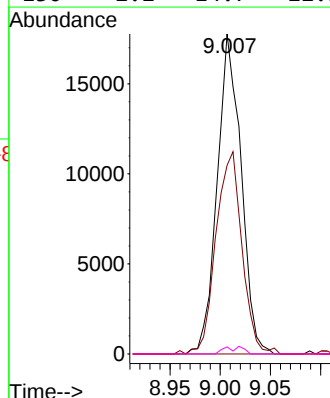
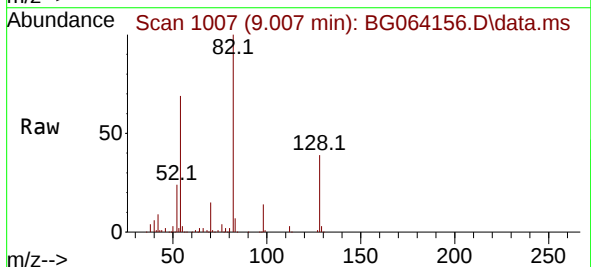
Instrument :
BNA_G
ClientSampleId :
WC-1RE

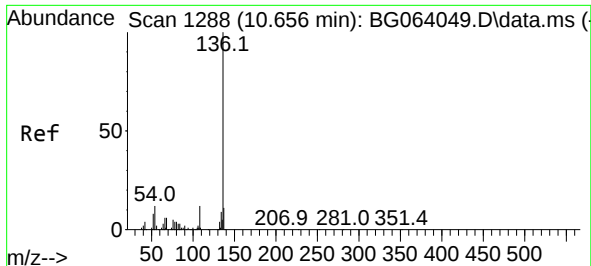
Tgt Ion: 99 Resp: 330512
Ion Ratio Lower Upper
99 100
42 30.9 22.7 34.1
71 42.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.703 ng
RT: 9.007 min Scan# 1007
Delta R.T. 0.337 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion: 70 Resp: 29401
Ion Ratio Lower Upper
70 100
42 58.9 72.1 108.1#
101 0.0 7.2 10.8#
130 2.2 14.7 22.1#

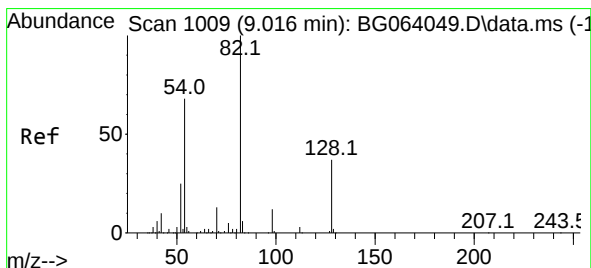
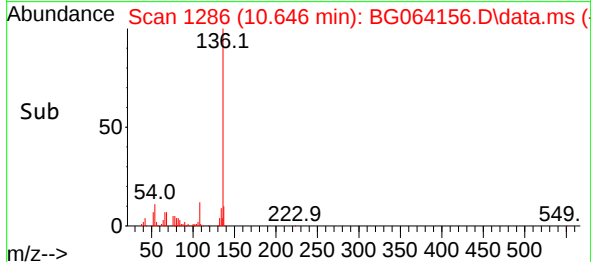
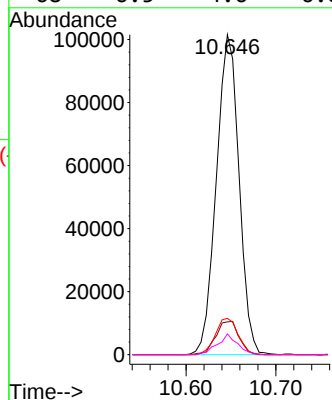
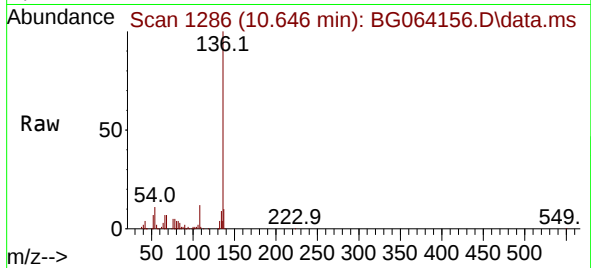




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

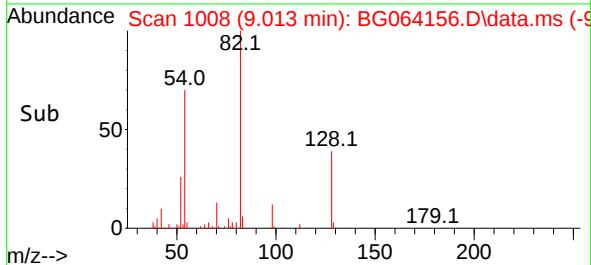
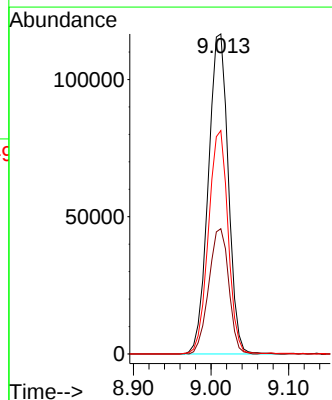
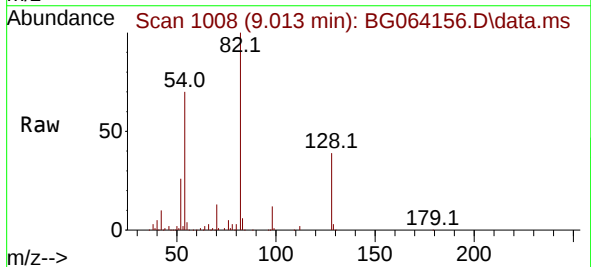
Instrument :
BNA_G
ClientSampleId :
WC-1RE

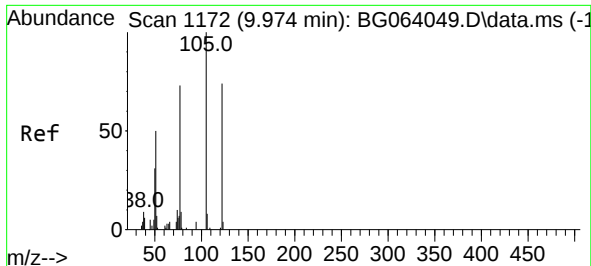
Tgt Ion:136	Resp: 177900
Ion Ratio	Lower Upper
136 100	
137 10.3	8.5 12.7
54 11.3	9.9 14.9
68 6.5	4.6 6.8



#23
Nitrobenzene-d5
Concen: 64.765 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion: 82	Resp: 208491
Ion Ratio	Lower Upper
82 100	
128 39.2	30.0 45.0
54 69.8	54.7 82.1

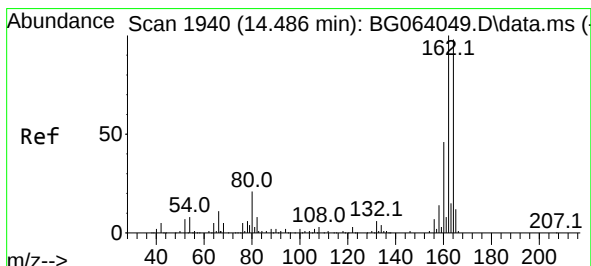
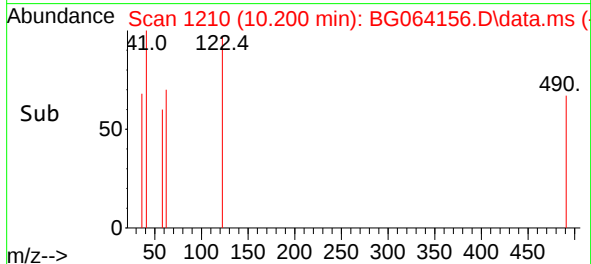
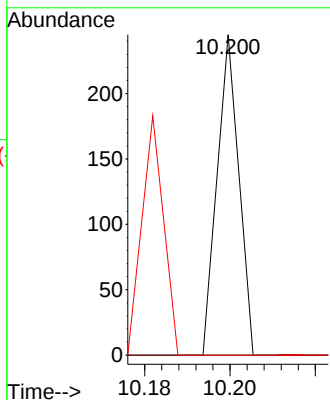
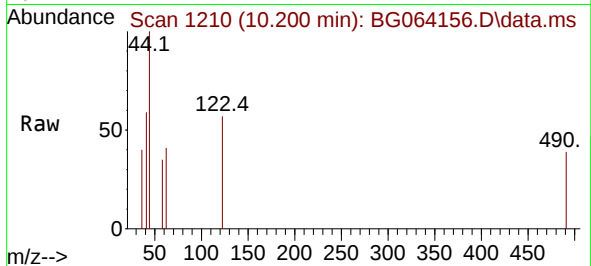




#32
Benzoic acid
Concen: 8.729 ng
RT: 10.200 min Scan# 1172
Delta R.T. 0.226 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

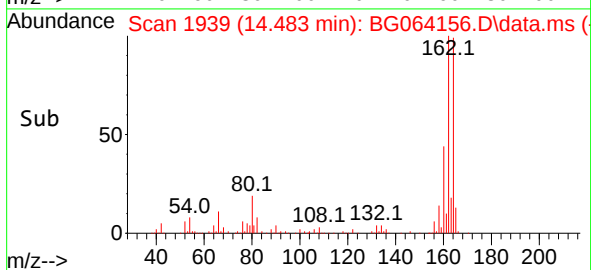
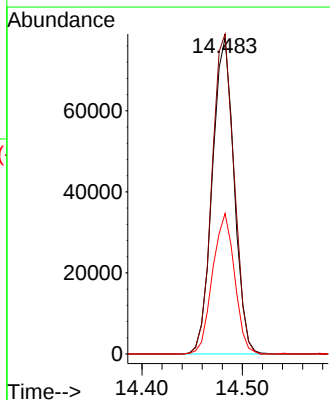
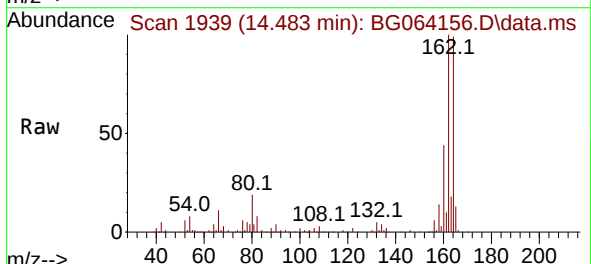
Instrument :
BNA_G
ClientSampleId :
WC-1RE

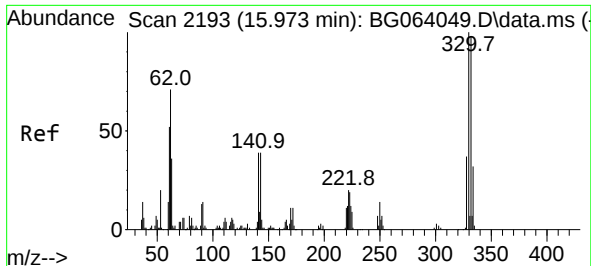
Tgt Ion:122 Resp: 86
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion:164 Resp: 117152
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.4 37.0 55.6

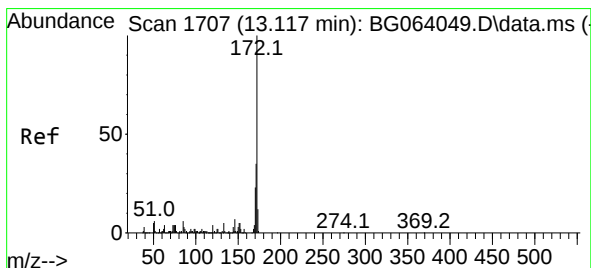
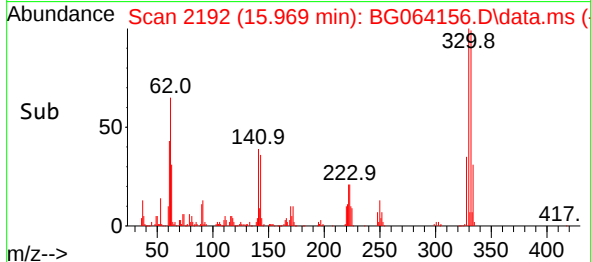
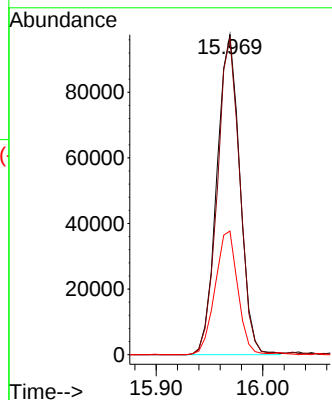
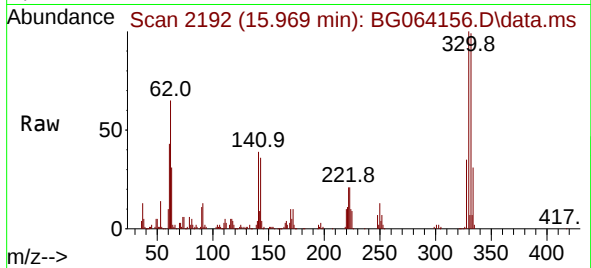




#42
2,4,6-Tribromophenol
Concen: 111.767 ng
RT: 15.969 min Scan# 2193
Delta R.T. -0.004 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

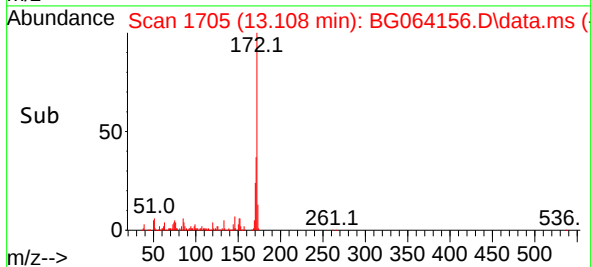
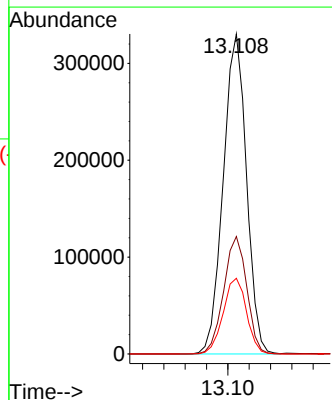
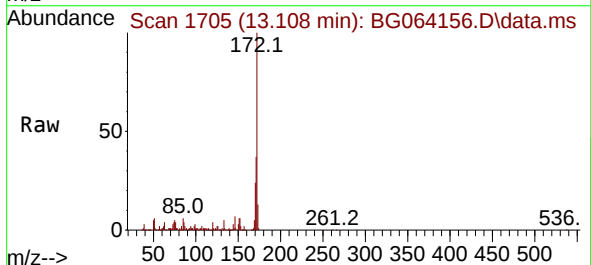
Instrument :
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ClientSampleId :
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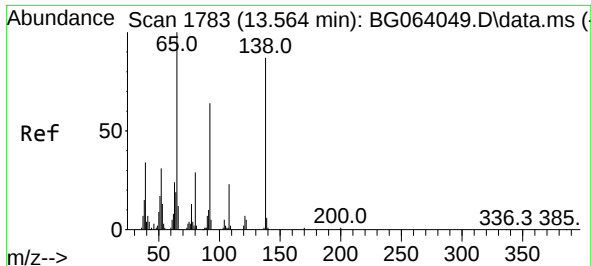
Tgt Ion:330 Resp: 145546
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 38.2 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 64.702 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion:172 Resp: 499375
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 23.7 18.7 28.1

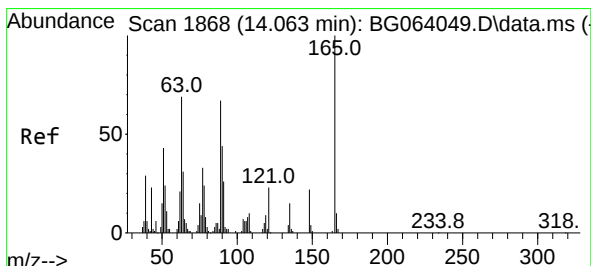
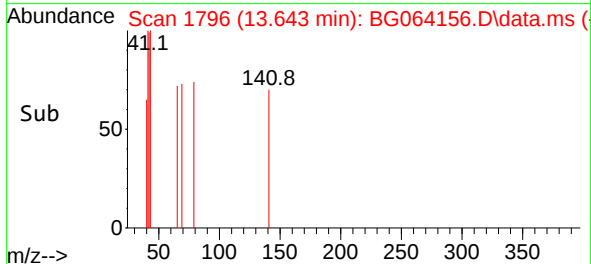
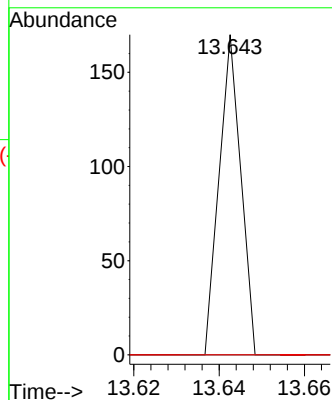
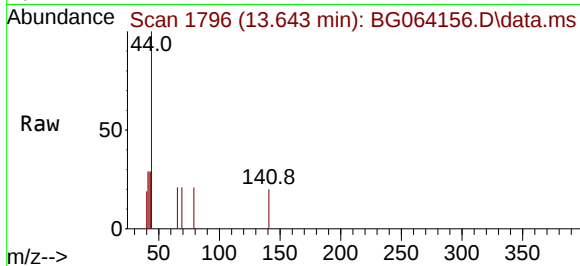




#48
2-Nitroaniline
Concen: 3.243 ng
RT: 13.643 min Scan# 11
Delta R.T. 0.079 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

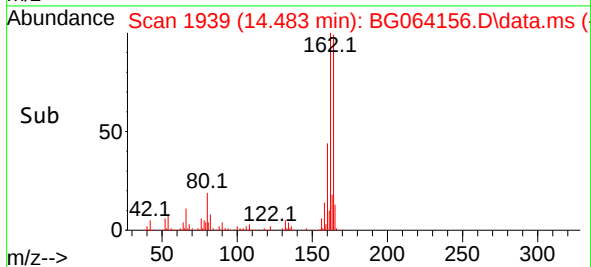
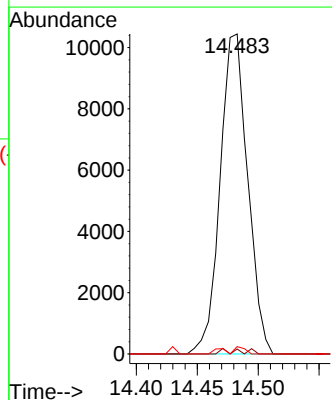
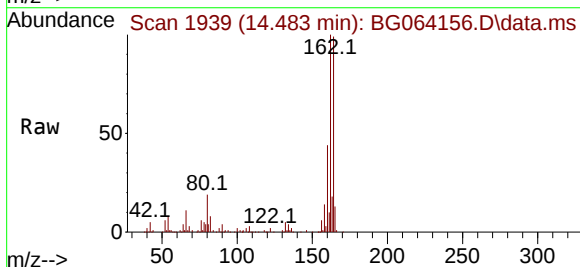
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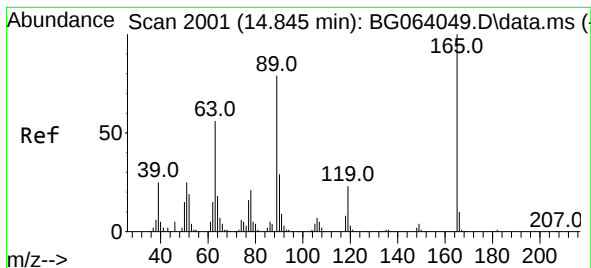
Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 0.0 51.2 76.8#
138 0.0 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 12.062 ng
RT: 14.483 min Scan# 1939
Delta R.T. 0.420 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion: 165 Resp: 16421
Ion Ratio Lower Upper
165 100
63 1.5 56.7 85.1#
89 2.3 53.7 80.5#

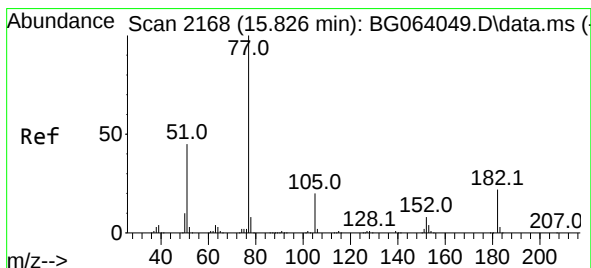
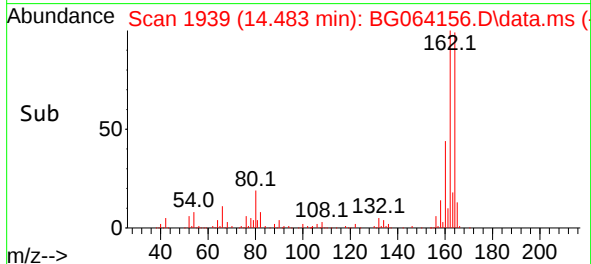
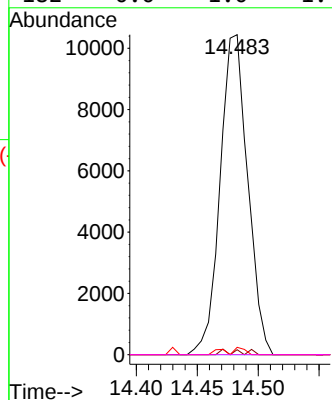
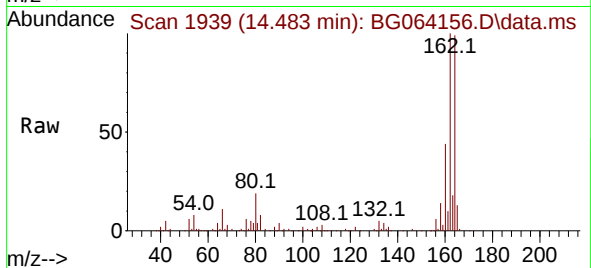




#57
2,4-Dinitrotoluene
Concen: 9.914 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.362 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

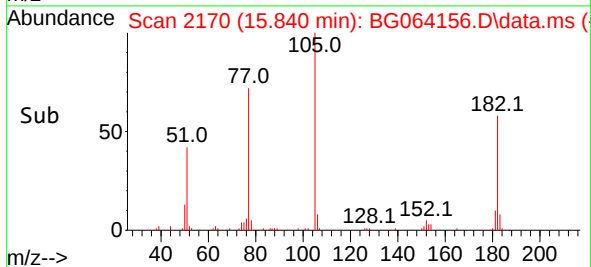
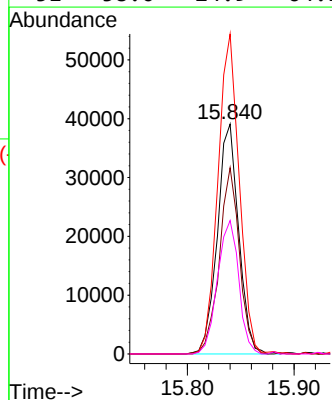
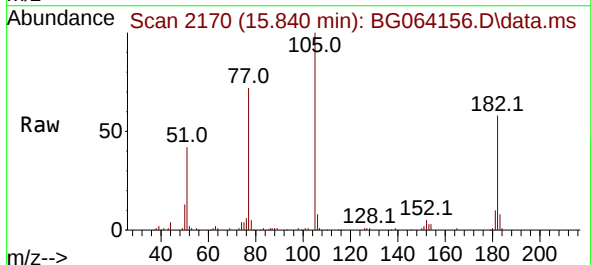
Instrument :
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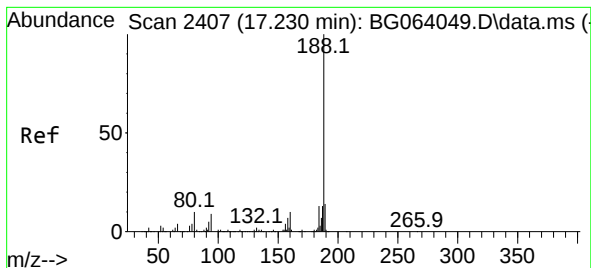
Tgt Ion:165	Resp:	16421
Ion Ratio	Lower	Upper
165	100	
63	1.5	45.0 67.6#
89	2.3	63.1 94.7#
182	0.0	1.0 1.4#



#63
Azobenzene
Concen: 5.402 ng
RT: 15.840 min Scan# 2170
Delta R.T. 0.014 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion: 77	Resp:	54114
Ion Ratio	Lower	Upper
77	100	
182	81.0	2.4 42.4#
105	139.2	0.0 40.0#
51	58.0	24.9 64.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2407

Delta R.T. -0.009 min

Lab File: BG064156.D

Acq: 2 Apr 2025 17:04

Instrument :

BNA_G

ClientSampleId :

WC-1RE

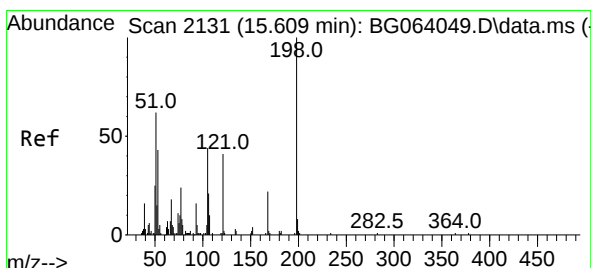
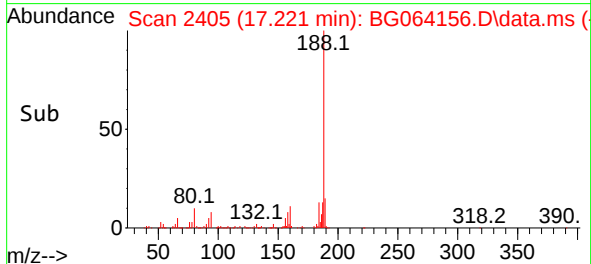
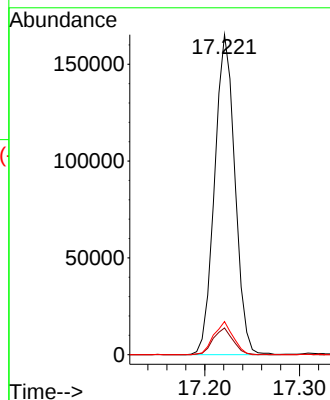
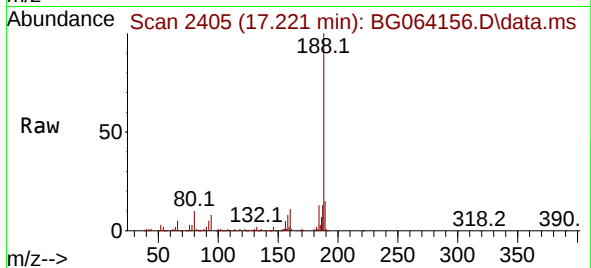
Tgt Ion:188 Resp: 246341

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

80 10.4 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.377 ng

RT: 15.963 min Scan# 2191

Delta R.T. 0.354 min

Lab File: BG064156.D

Acq: 2 Apr 2025 17:04

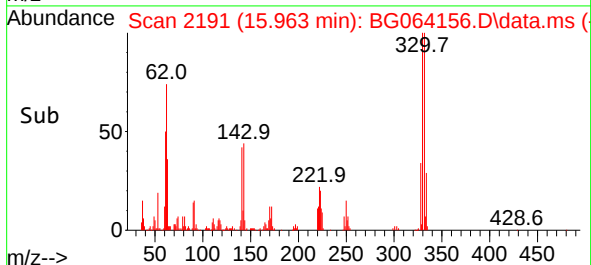
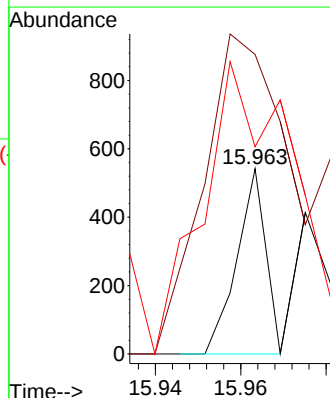
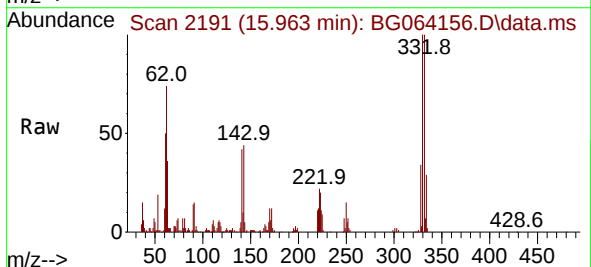
Tgt Ion:198 Resp: 254

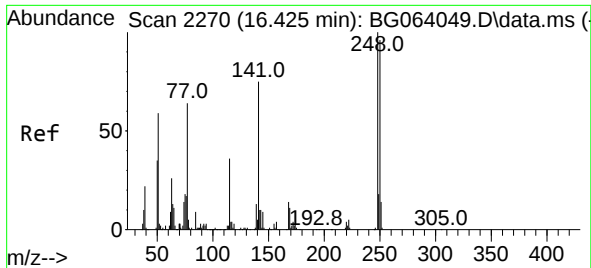
Ion Ratio Lower Upper

198 100

51 161.6 45.6 85.6#

105 111.8 25.3 65.3#

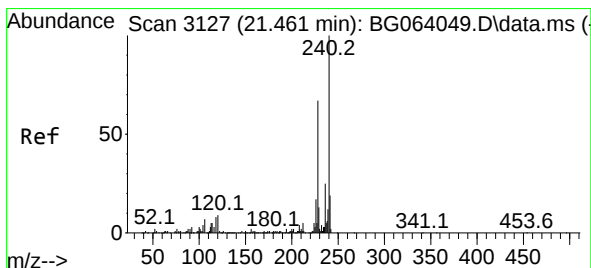
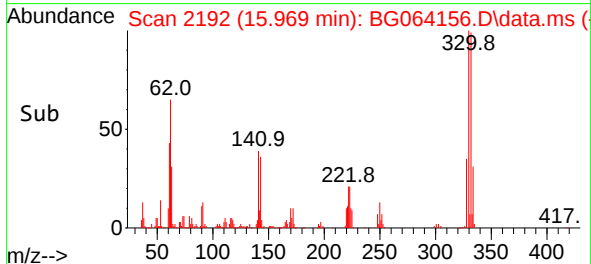
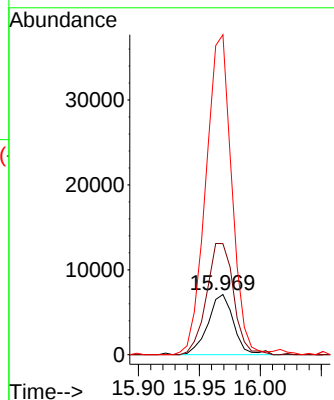
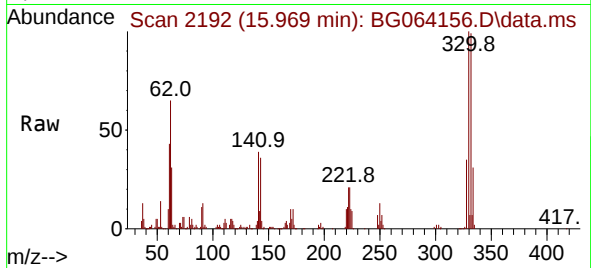




#67
4-Bromophenyl-phenylether
Concen: 4.124 ng
RT: 15.969 min Scan# 2119
Delta R.T. -0.456 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

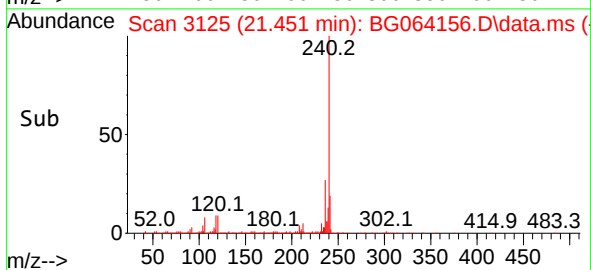
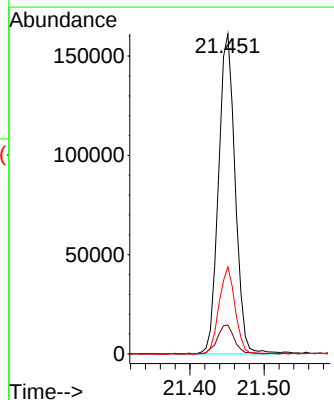
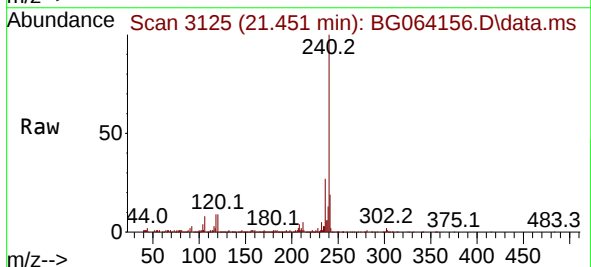
Instrument :
BNA_G
ClientSampleId :
WC-1RE

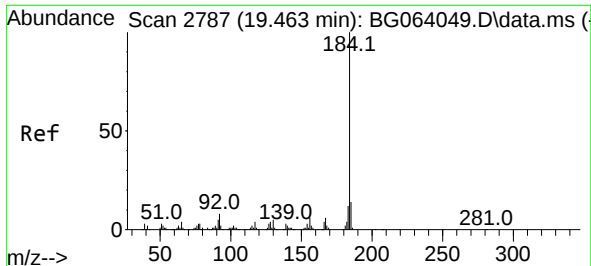
Tgt Ion:248 Resp: 10405
Ion Ratio Lower Upper
248 100
250 184.4 77.1 115.7#
141 531.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion:240 Resp: 251344
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 27.2 20.2 30.2

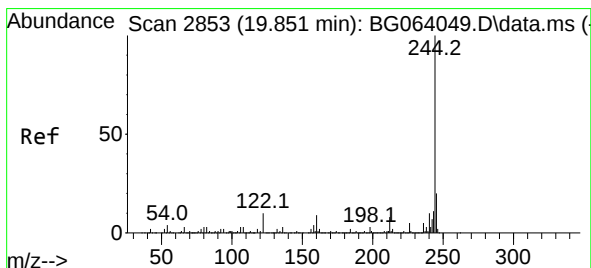
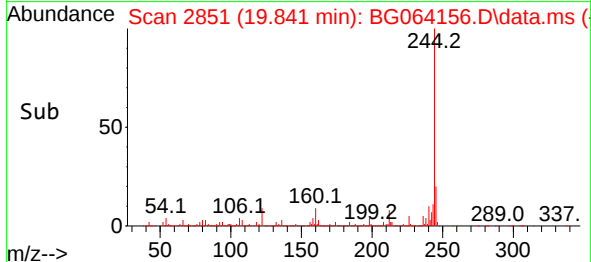
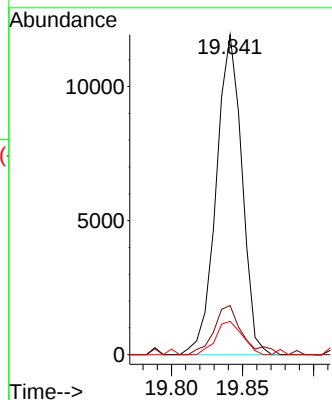
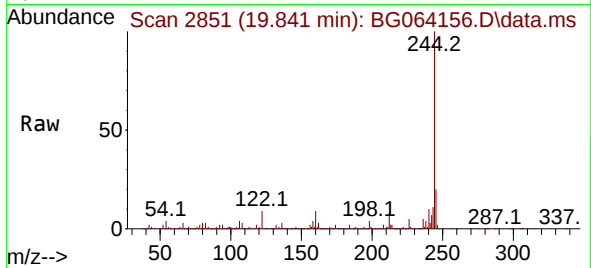




#77
Benzidine
Concen: 4.305 ng
RT: 19.841 min Scan# 2851
Delta R.T. 0.378 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

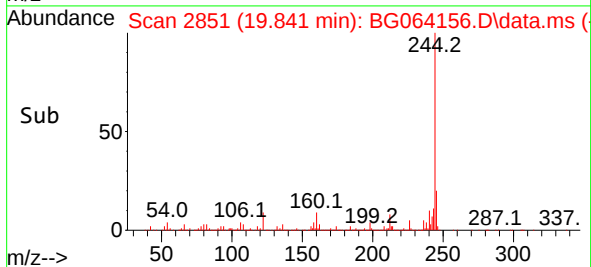
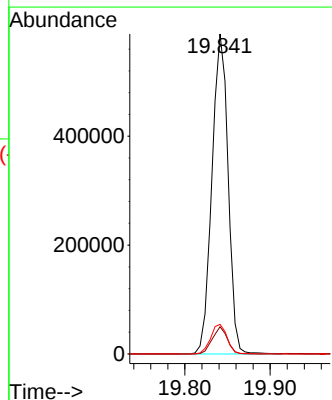
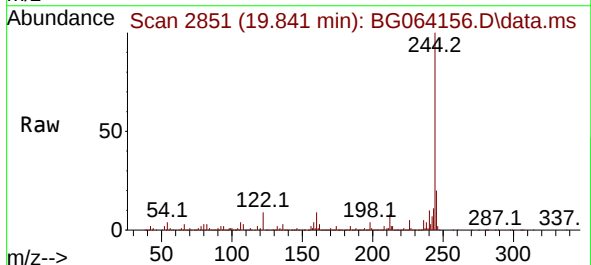
Instrument :
BNA_G
ClientSampleId :
WC-1RE

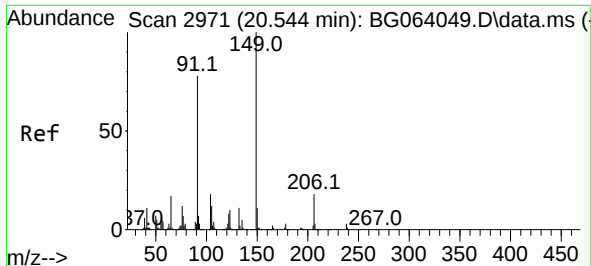
Tgt Ion:184 Resp: 14984
Ion Ratio Lower Upper
184 100
185 15.4 11.3 16.9
183 10.4 9.5 14.3



#79
Terphenyl-d14
Concen: 62.191 ng
RT: 19.841 min Scan# 2851
Delta R.T. -0.009 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt Ion:244 Resp: 773070
Ion Ratio Lower Upper
244 100
212 8.5 6.2 9.4
122 9.3 8.0 12.0

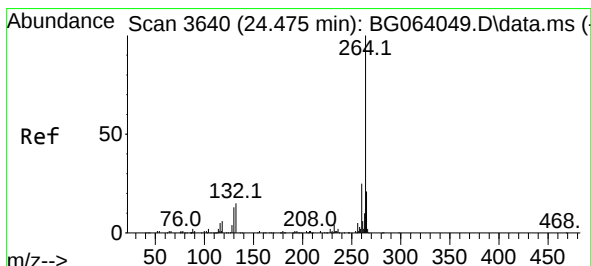
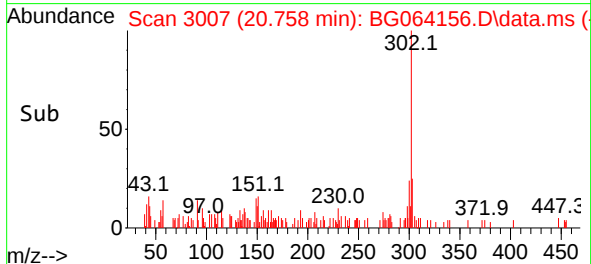
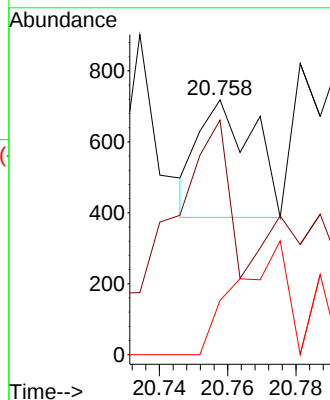
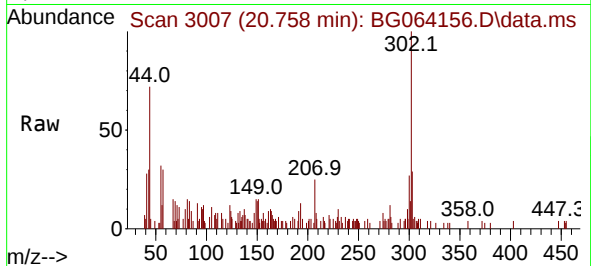




#80
Butylbenzylphthalate
Concen: 3.693 ng
RT: 20.758 min Scan# 30
Delta R.T. 0.214 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Instrument :
BNA_G
ClientSampleId :
WC-1RE

Tgt Ion:149	Resp:	367	
Ion	Ratio	Lower	Upper
149	100		
91	92.1	62.0	93.0
206	21.3	14.6	21.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3637
Delta R.T. -0.015 min
Lab File: BG064156.D
Acq: 2 Apr 2025 17:04

Tgt	Ion:264	Resp:	269520
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	20.7	16.6	25.0

