

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064181.D
 Acq On : 4 Apr 2025 00:42
 Operator : RC/JU
 Sample : PB167445BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:50:15 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)

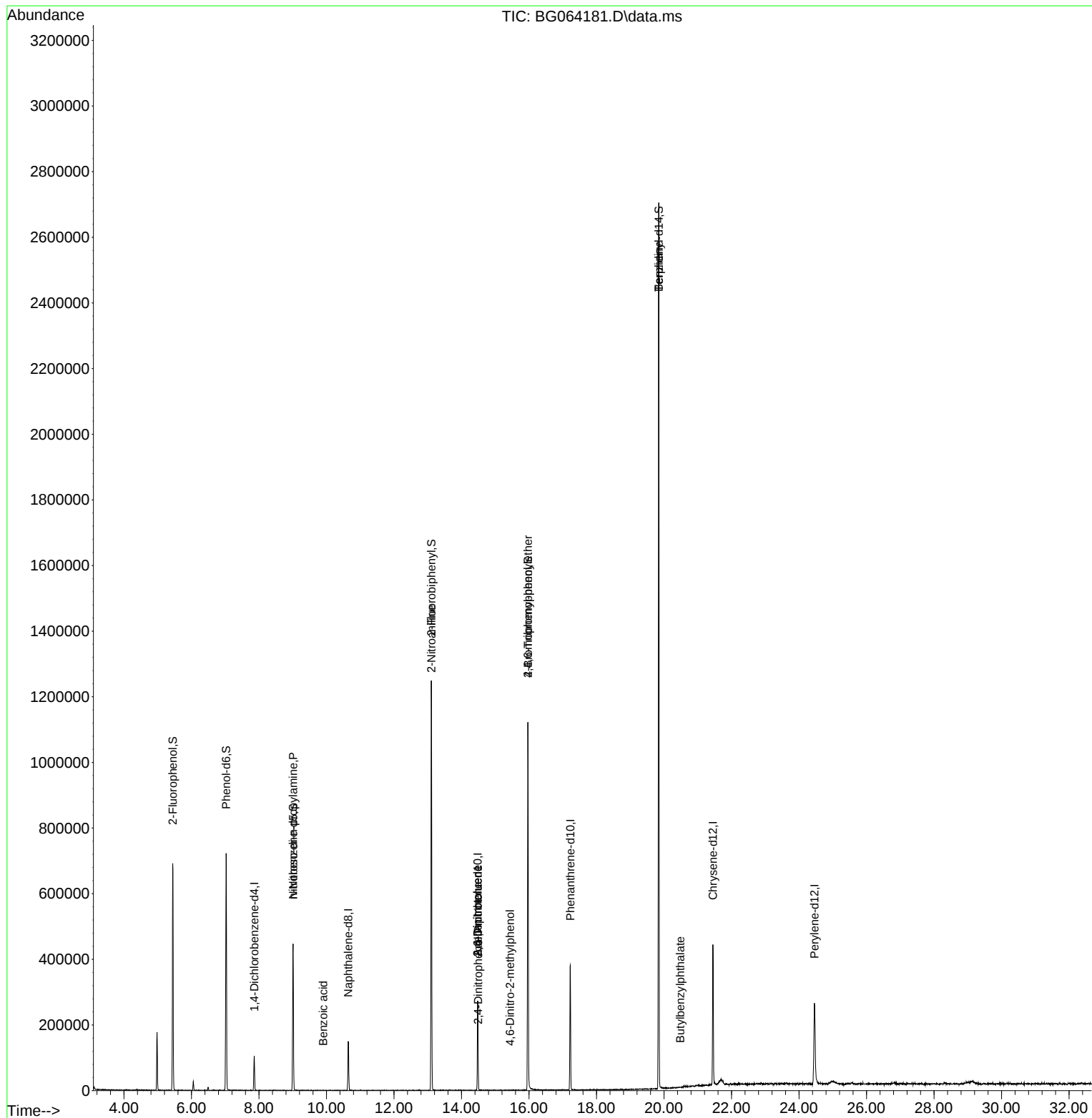
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	24606	20.000	ng	# 0.00
21) Naphthalene-d8	10.643	136	114301	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	90915	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	226903	20.000	ng	0.00
76) Chrysene-d12	21.448	240	237009	20.000	ng	-0.01
86) Perylene-d12	24.457	264	247790	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	250410	158.905	ng	0.00
7) Phenol-d6	7.024	99	339039	158.151	ng	0.00
23) Nitrobenzene-d5	9.010	82	232452	112.385	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	196414	194.357	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	589358	98.397	ng	-0.01
79) Terphenyl-d14	19.844	244	1227833	104.750	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.010	70	32120	21.349	ng	# 78
32) Benzoic acid	9.903	122	62	8.734	ng	# 1
48) 2-Nitroaniline	13.111	65	1444	4.143	ng	# 1
51) 2,6-Dinitrotoluene	14.480	165	12564	11.940	ng	# 15
54) 2,4-Dinitrophenol	14.498	184	55	7.969	ng	# 41
57) 2,4-Dinitrotoluene	14.480	165	12564	9.826	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.438	198	66	8.235	ng	# 23
67) 4-Bromophenyl-phenylether	15.967	248	13317	5.730	ng	# 1
77) Benzidine	19.844	184	23413	7.134	ng	# 91
80) Butylbenzylphthalate	20.479	149	156	3.663	ng	# 20

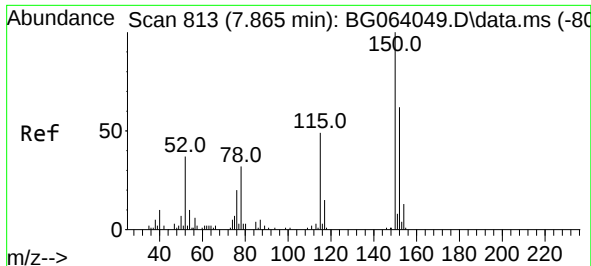
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064181.D
Acq On : 4 Apr 2025 00:42
Operator : RC/JU
Sample : PB167445BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

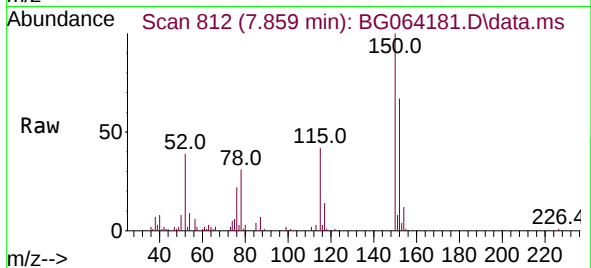
Quant Time: Apr 04 01:50:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



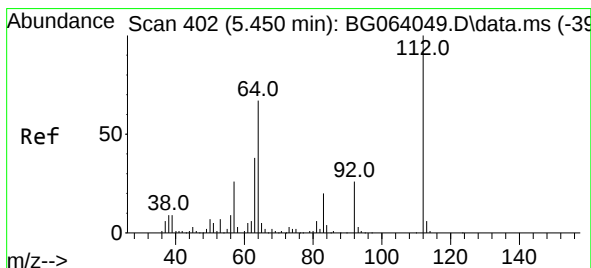
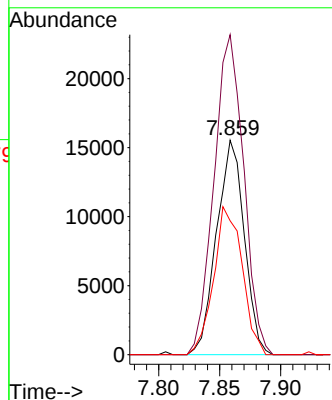
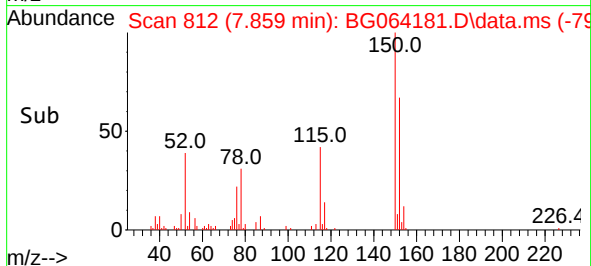


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Instrument :
BNA_G
ClientSampleId :

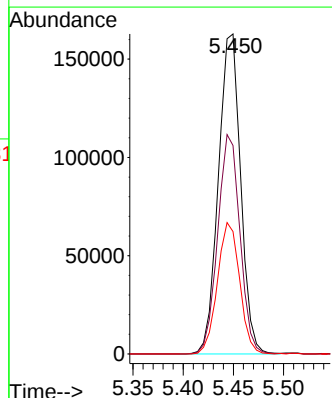
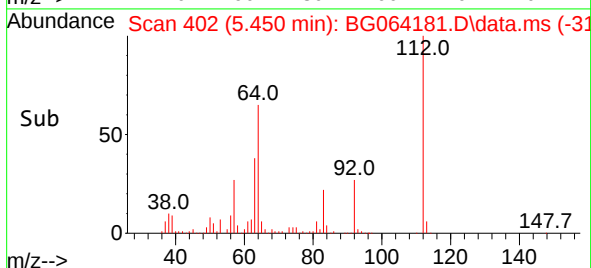
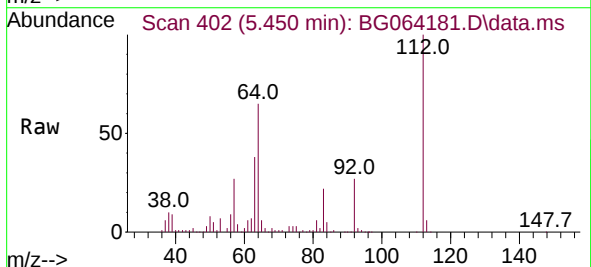


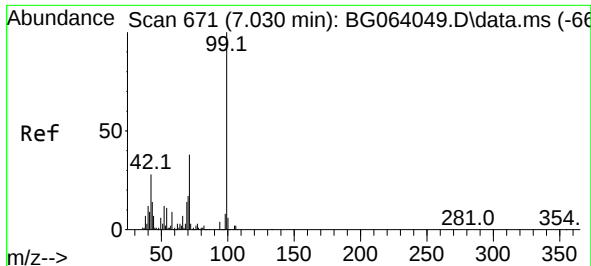
Tgt Ion:152 Resp: 24606
Ion Ratio Lower Upper
152 100
150 149.3 129.2 193.8
115 62.5 63.0 94.6#



#5
2-Fluorophenol
Concen: 158.905 ng
RT: 5.450 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Tgt Ion:112 Resp: 250410
Ion Ratio Lower Upper
112 100
64 65.1 53.7 80.5
63 38.3 30.2 45.4

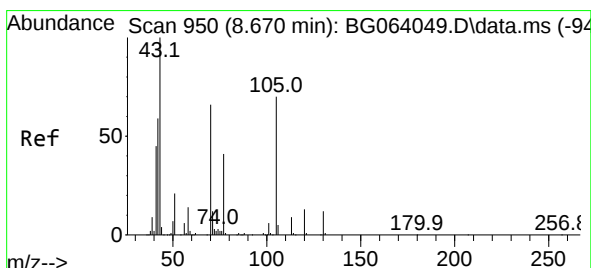
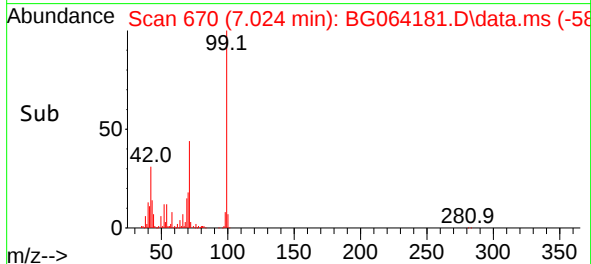
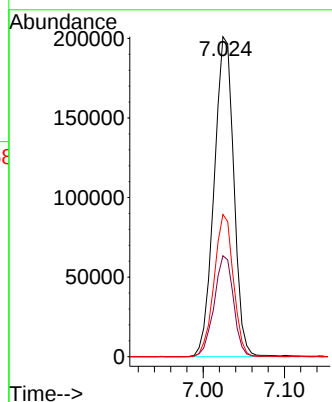
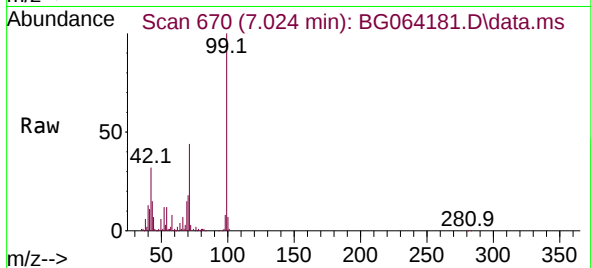




#7
Phenol-d6
Concen: 158.151 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

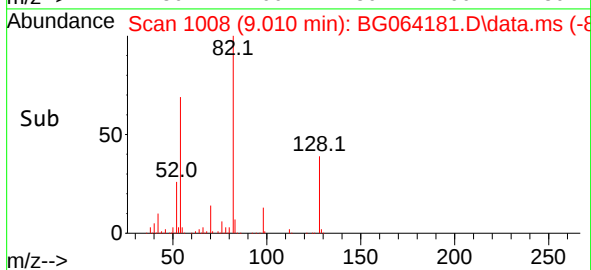
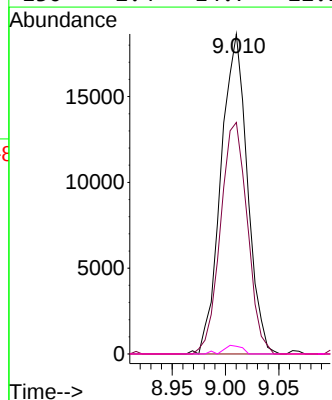
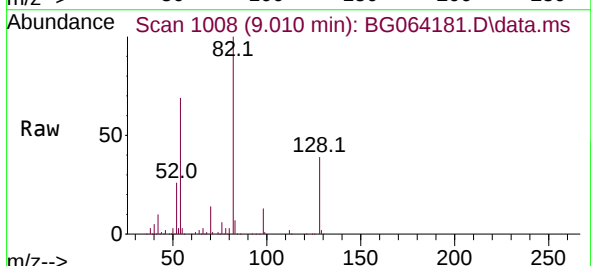
Instrument :
BNA_G
ClientSampleId :

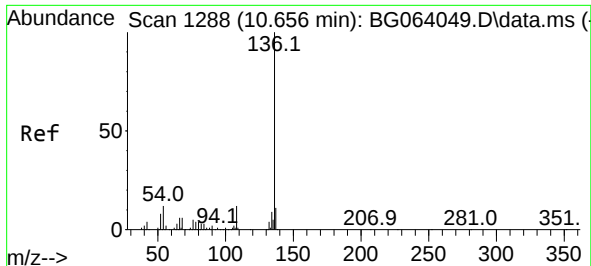
Tgt Ion: 99 Resp: 339039
Ion Ratio Lower Upper
99 100
42 31.6 22.7 34.1
71 44.5 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.349 ng
RT: 9.010 min Scan# 1008
Delta R.T. 0.340 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Tgt Ion: 70 Resp: 32120
Ion Ratio Lower Upper
70 100
42 72.3 72.1 108.1
101 0.0 7.2 10.8#
130 2.4 14.7 22.1#

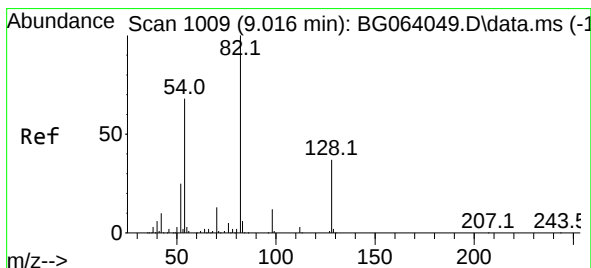
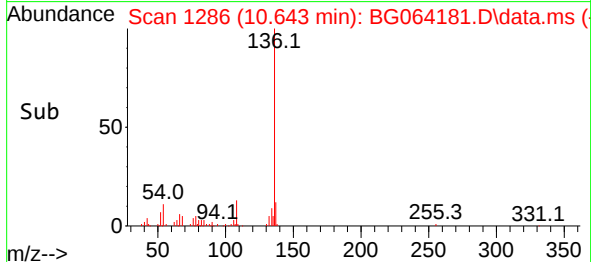
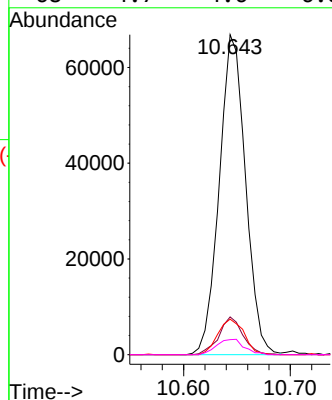
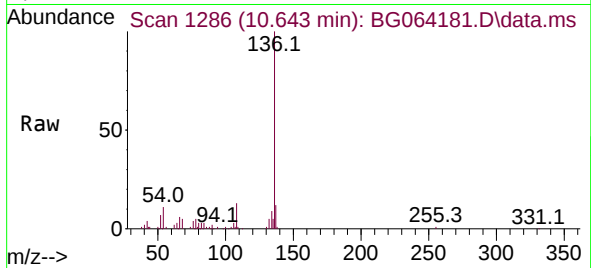




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

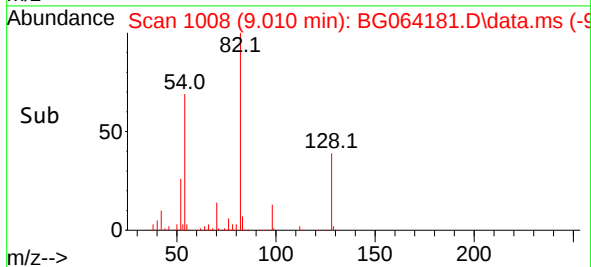
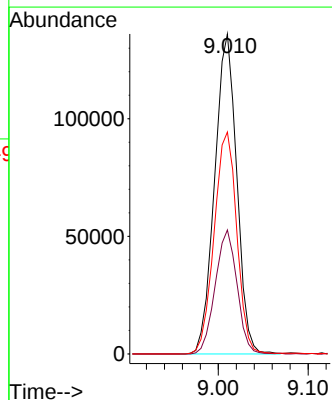
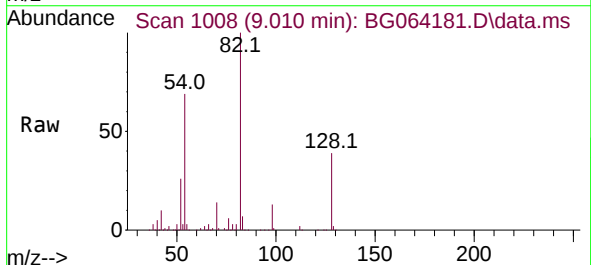
Instrument :
BNA_G
ClientSampleId :

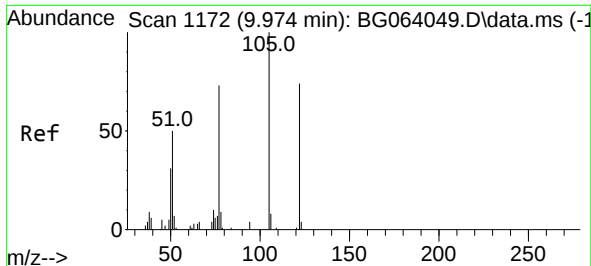
Tgt Ion:136 Resp: 114301
Ion Ratio Lower Upper
136 100
137 11.8 8.5 12.7
54 11.1 9.9 14.9
68 4.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 112.385 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

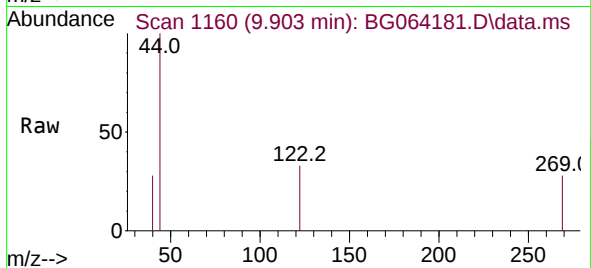
Tgt Ion: 82 Resp: 232452
Ion Ratio Lower Upper
82 100
128 38.8 30.0 45.0
54 69.4 54.7 82.1



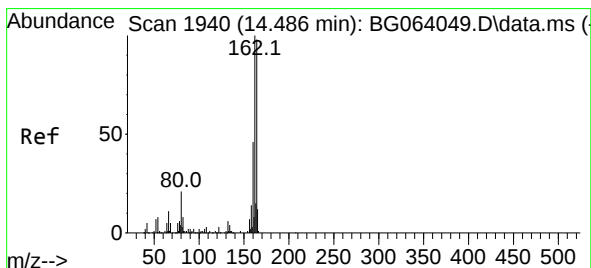
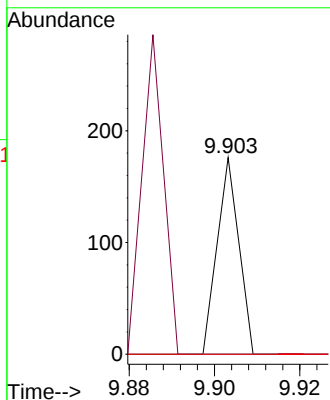
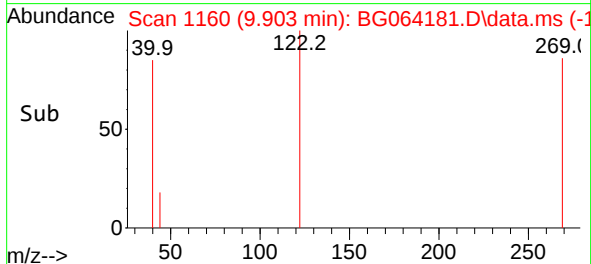


#32
Benzoic acid
Concen: 8.734 ng
RT: 9.903 min Scan# 1172
Delta R.T. -0.071 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Instrument :
BNA_G
ClientSampleId :

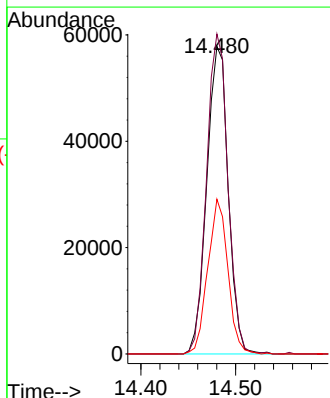
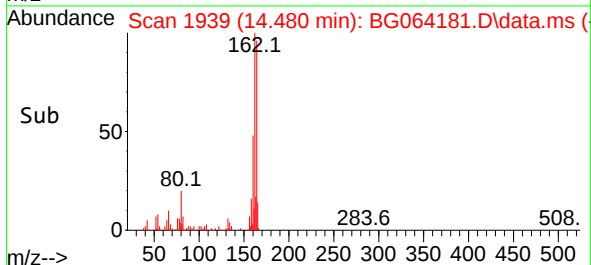
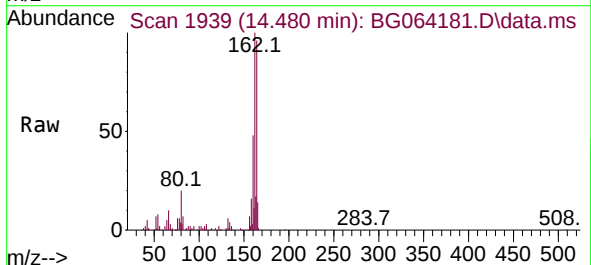


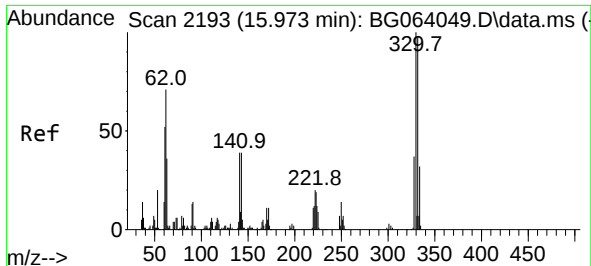
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 80.9 120.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

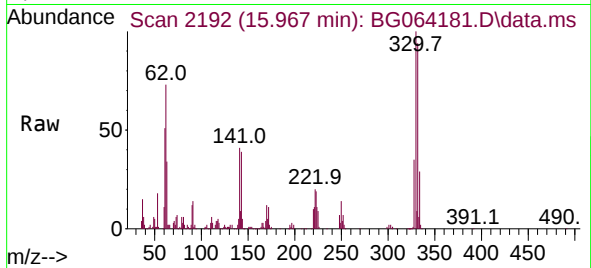
Tgt Ion:164 Resp: 90915
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 50.3 37.0 55.6



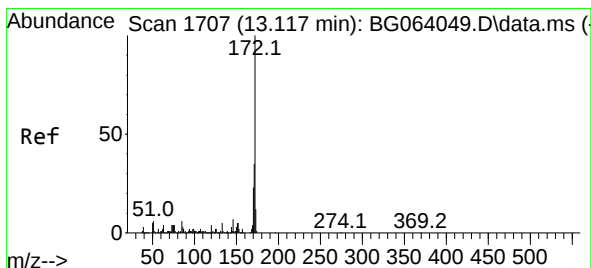
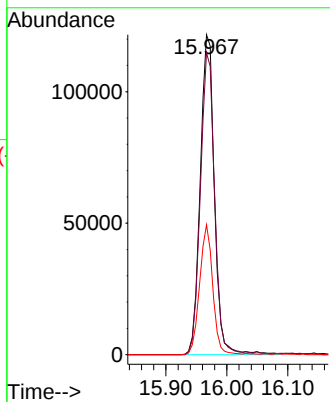
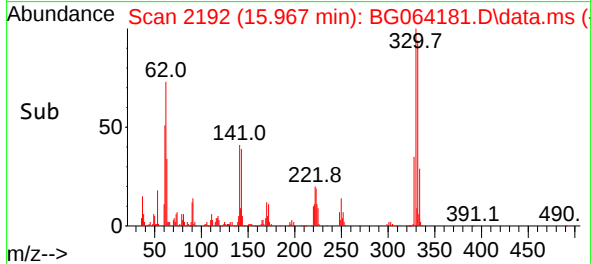


#42
2,4,6-Tribromophenol
Concen: 194.357 ng
RT: 15.967 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Instrument :
BNA_G
ClientSampleId :

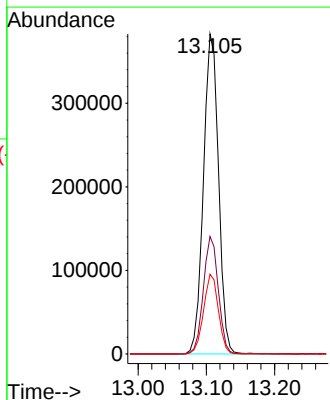
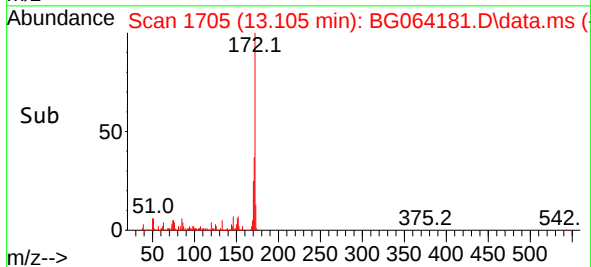
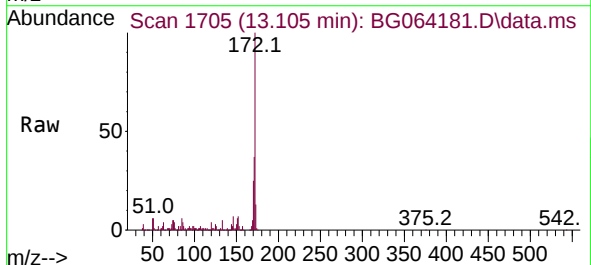


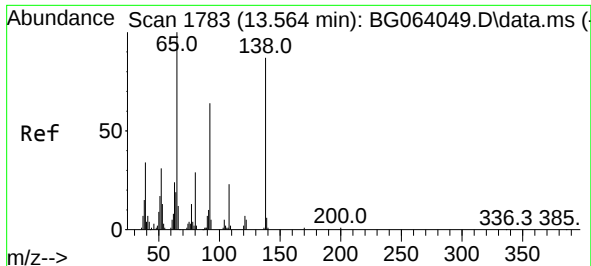
Tgt Ion:330 Resp: 196414
Ion Ratio Lower Upper
330 100
332 94.5 76.7 115.1
141 37.4 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 98.397 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

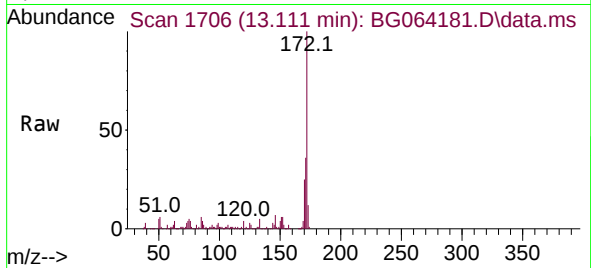
Tgt Ion:172 Resp: 589358
Ion Ratio Lower Upper
172 100
171 36.7 28.0 42.0
170 24.9 18.7 28.1



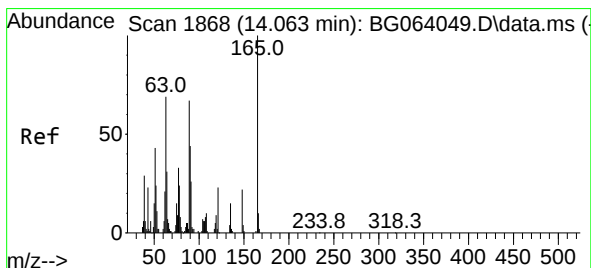
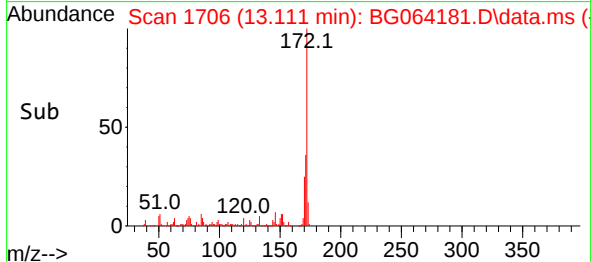
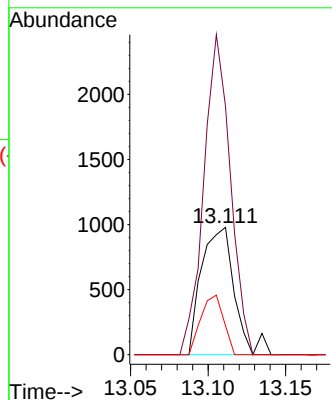


#48
2-Nitroaniline
Concen: 4.143 ng
RT: 13.111 min Scan# 1
Delta R.T. -0.453 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Instrument :
BNA_G
ClientSampleId :

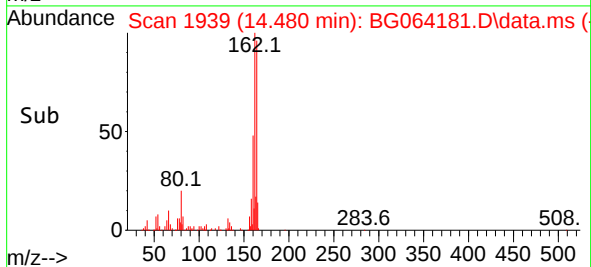
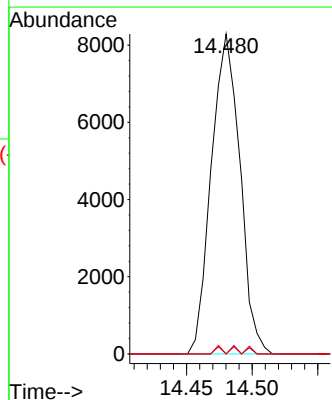
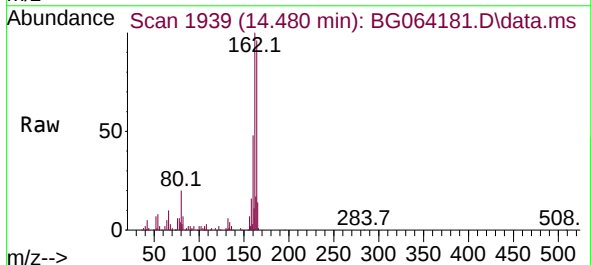


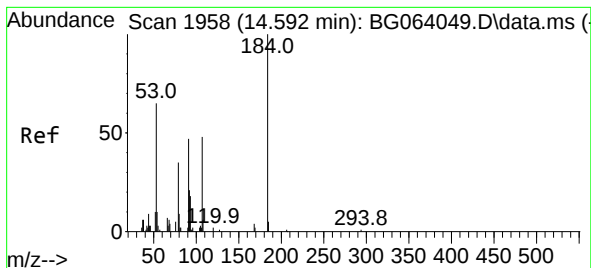
Tgt Ion: 65 Resp: 1444
Ion Ratio Lower Upper
65 100
92 195.3 51.2 76.8#
138 22.7 69.4 104.2#



#51
2,6-Dinitrotoluene
Concen: 11.940 ng
RT: 14.480 min Scan# 1939
Delta R.T. 0.417 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Tgt Ion:165 Resp: 12564
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 53.7 80.5#





#54

2,4-Dinitrophenol

Concen: 7.969 ng

RT: 14.498 min Scan# 1958

Delta R.T. -0.094 min

Lab File: BG064181.D

Acq: 4 Apr 2025 00:42

Instrument :

BNA_G

ClientSampleId :

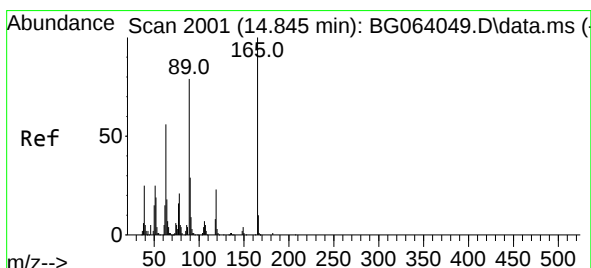
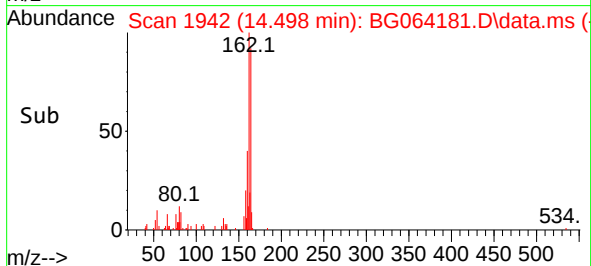
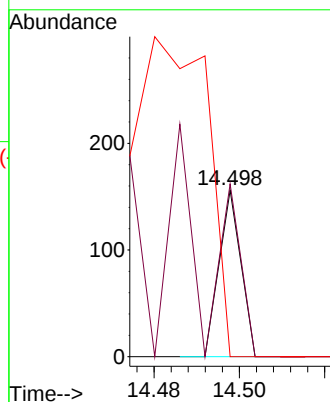
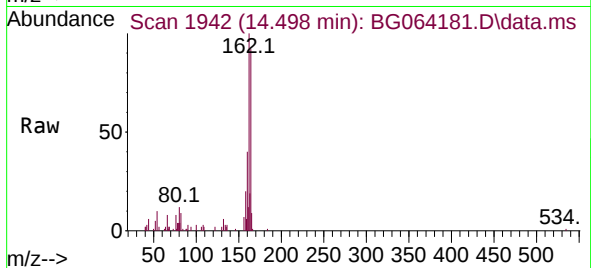
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 103.8 57.5 86.3#

154 0.0 52.3 78.5#



#57

2,4-Dinitrotoluene

Concen: 9.826 ng

RT: 14.480 min Scan# 1939

Delta R.T. -0.365 min

Lab File: BG064181.D

Acq: 4 Apr 2025 00:42

Tgt Ion:165 Resp: 12564

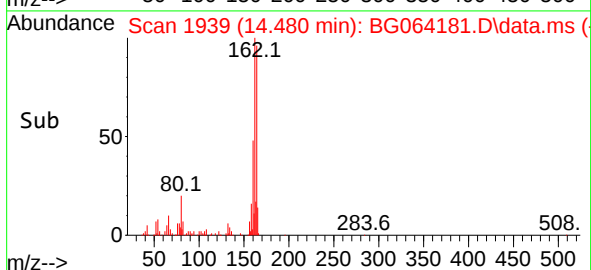
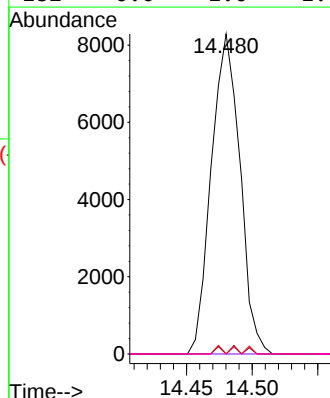
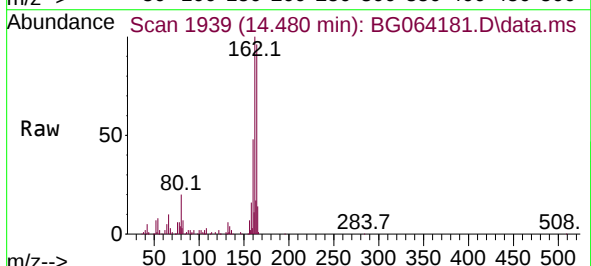
Ion Ratio Lower Upper

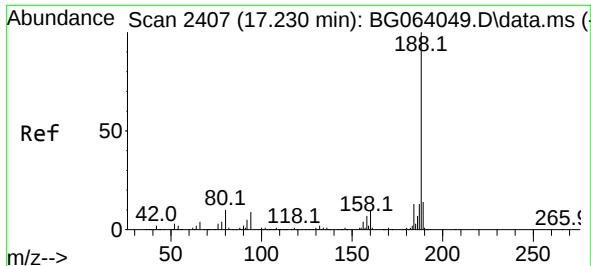
165 100

63 0.0 45.0 67.6#

89 0.0 63.1 94.7#

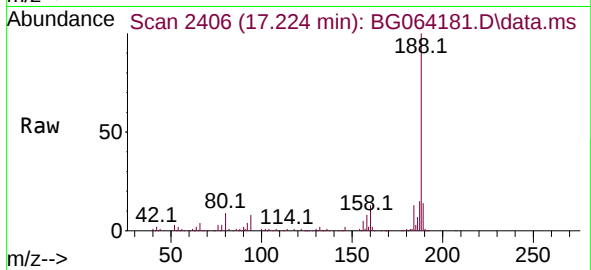
182 0.0 1.0 1.4#



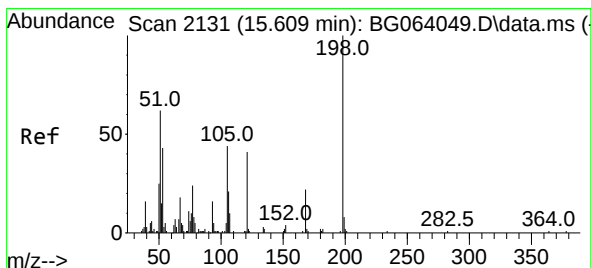
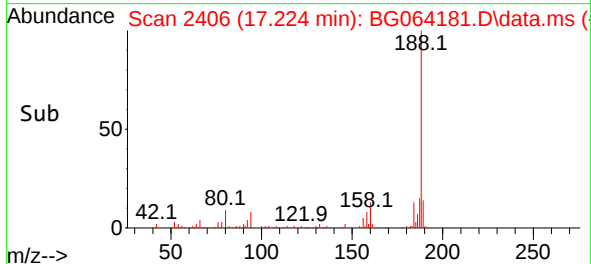
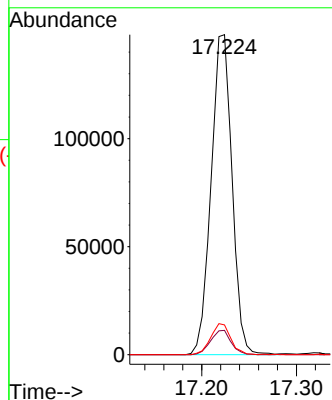


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Instrument :
BNA_G
ClientSampleId :

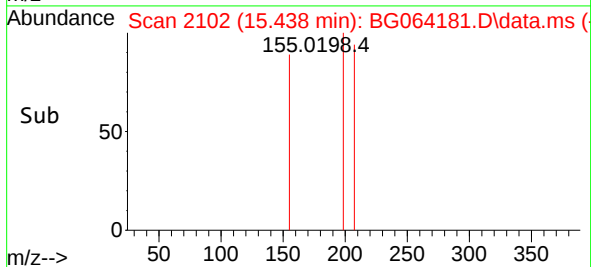
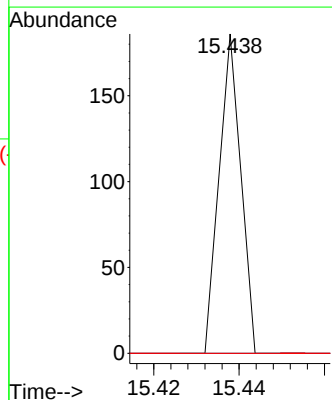
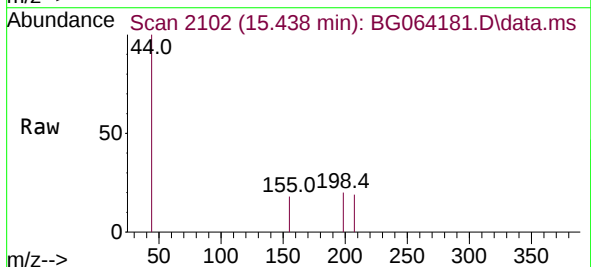


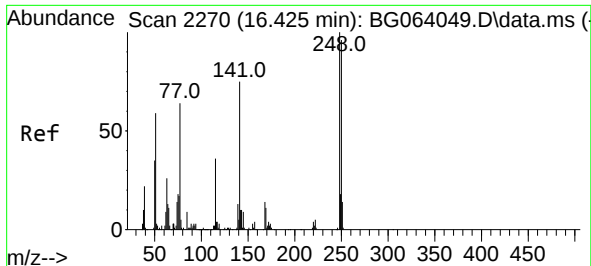
Tgt Ion:188 Resp: 226903
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.3 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 8.235 ng
RT: 15.438 min Scan# 2102
Delta R.T. -0.171 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

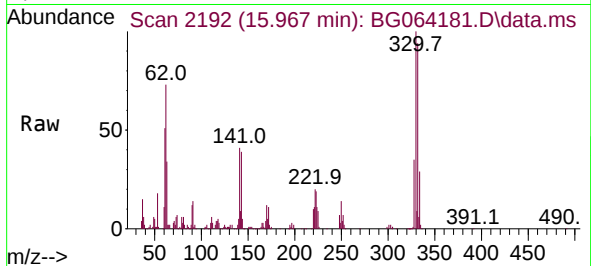
Tgt Ion:198 Resp: 66
Ion Ratio Lower Upper
198 100
51 0.0 45.6 85.6#
105 0.0 25.3 65.3#



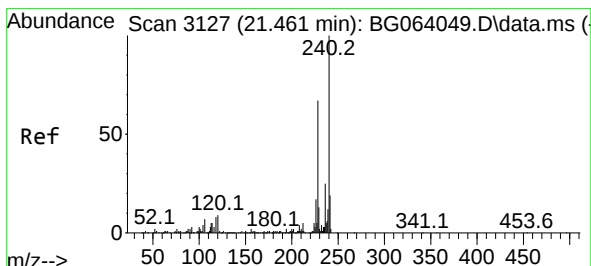
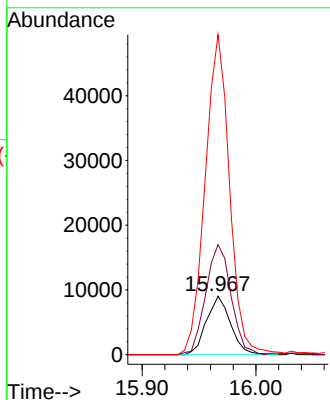
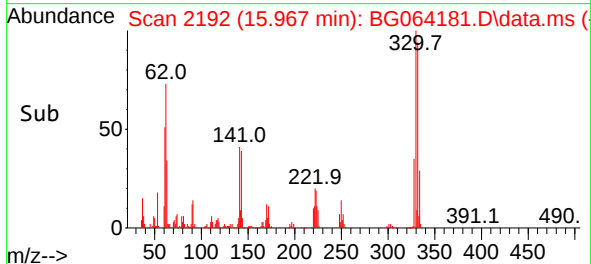


#67
4-Bromophenyl-phenylether
Concen: 5.730 ng
RT: 15.967 min Scan# 2119
Delta R.T. -0.459 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

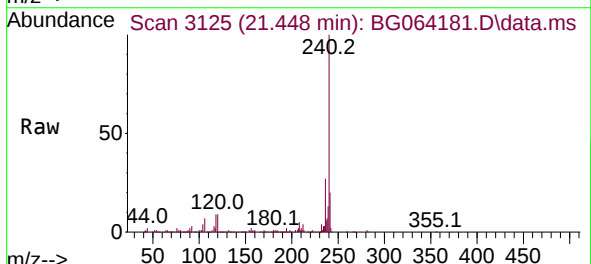
Instrument :
BNA_G
ClientSampleId :



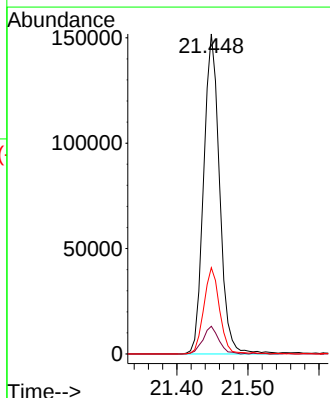
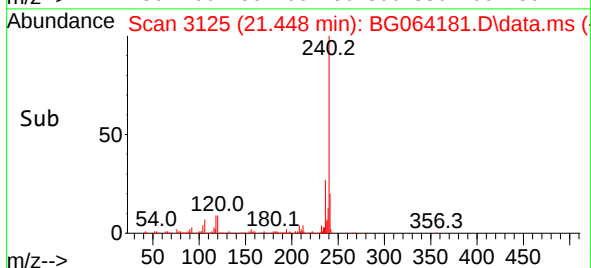
Tgt Ion:248 Resp: 13317
Ion Ratio Lower Upper
248 100
250 188.6 77.1 115.7#
141 548.3 59.8 89.8#

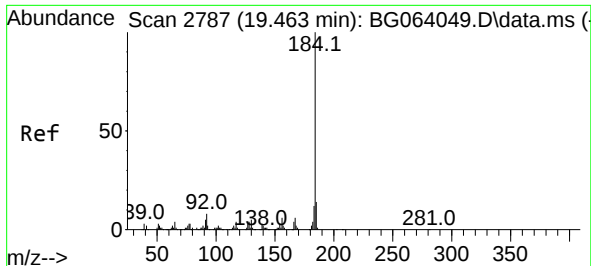


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42



Tgt Ion:240 Resp: 237009
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 26.9 20.2 30.2

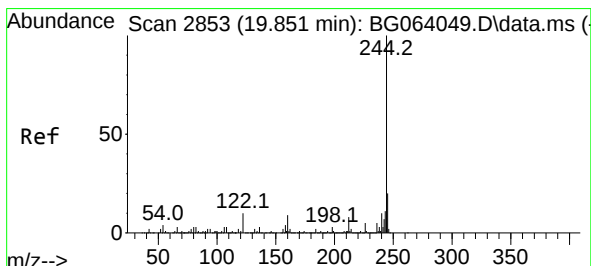
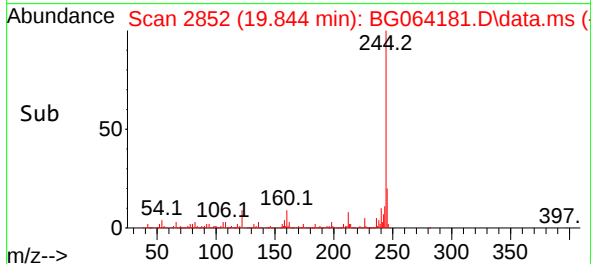
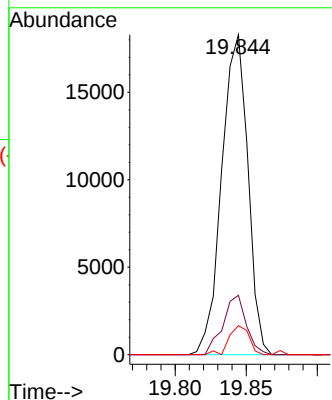
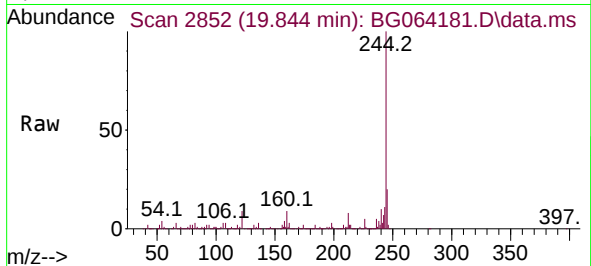




#77
Benzidine
Concen: 7.134 ng
RT: 19.844 min Scan# 2852
Delta R.T. 0.381 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

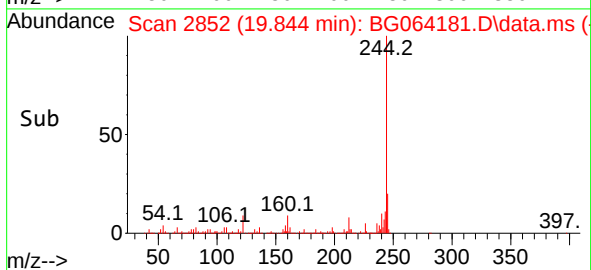
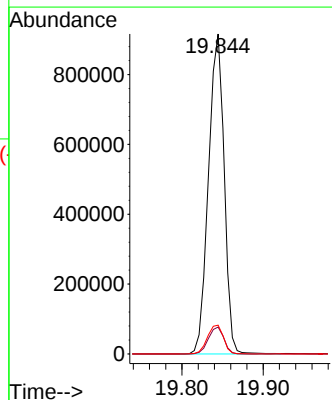
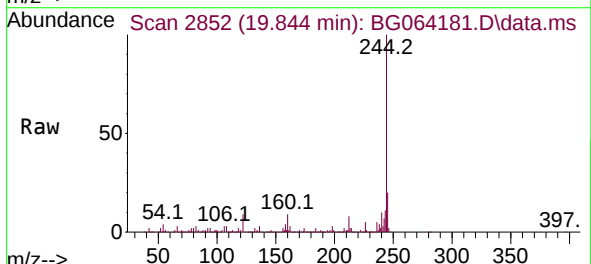
Instrument :
BNA_G
ClientSampleId :

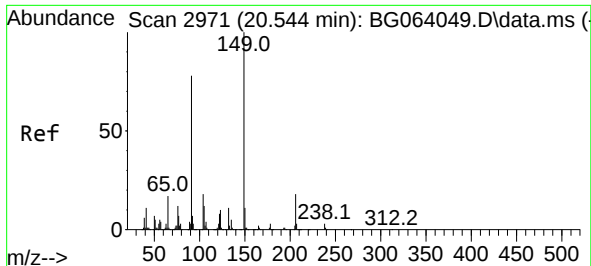
Tgt Ion:184 Resp: 23413
Ion Ratio Lower Upper
184 100
185 18.6 11.3 16.9#
183 9.0 9.5 14.3#



#79
Terphenyl-d14
Concen: 104.750 ng
RT: 19.844 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Tgt Ion:244 Resp: 1227833
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.4
122 9.0 8.0 12.0

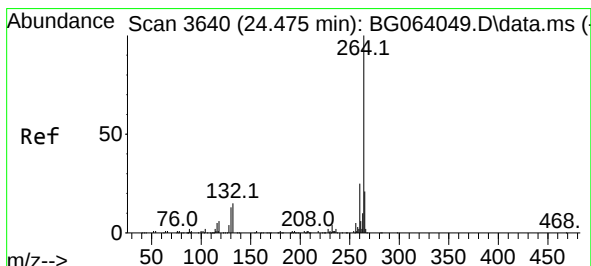
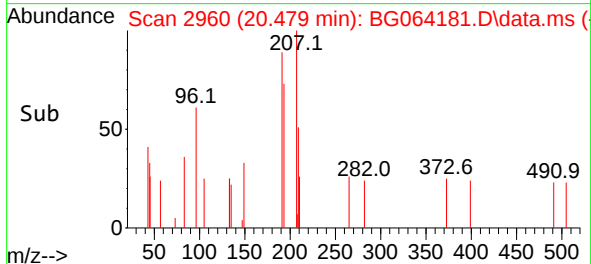
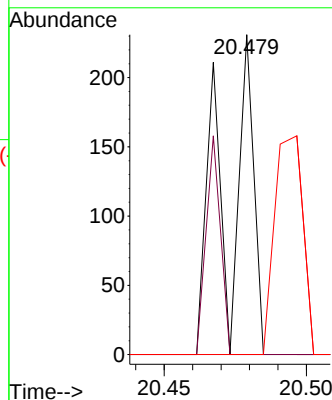
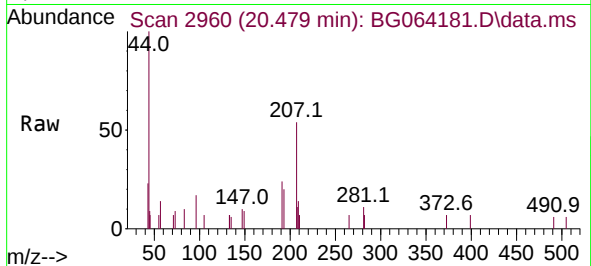




#80
Butylbenzylphthalate
Concen: 3.663 ng
RT: 20.479 min Scan# 2971
Delta R.T. -0.065 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 156
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: 24.457 min Scan# 3637
Delta R.T. -0.018 min
Lab File: BG064181.D
Acq: 4 Apr 2025 00:42

Tgt Ion:264 Resp: 247790
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.1 16.6 25.0

