

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064182.D
 Acq On : 4 Apr 2025 1:23
 Operator : RC/JU
 Sample : PB167408TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 03:29:38 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)

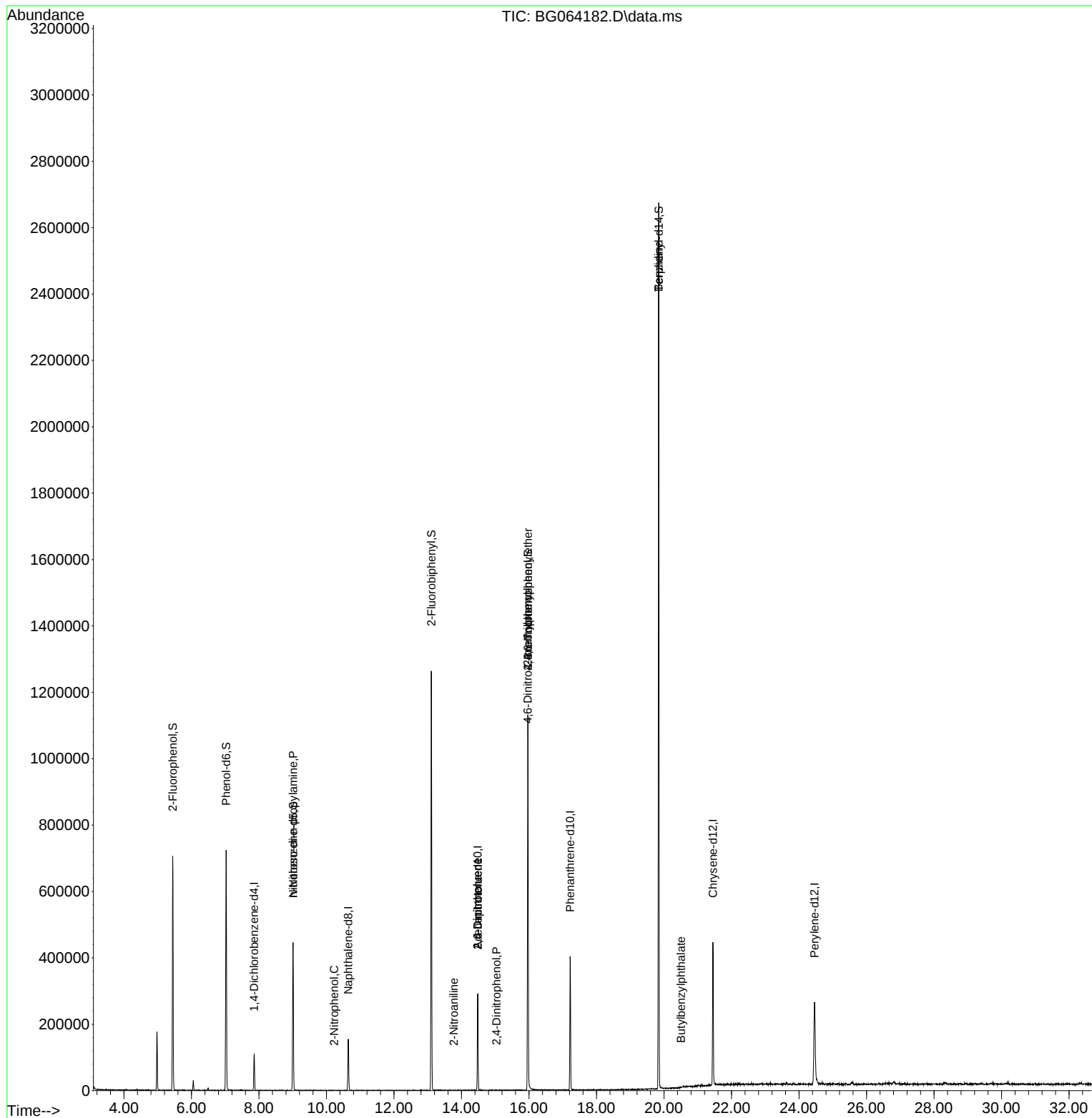
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	25916	20.000	ng	#-0.01
21) Naphthalene-d8	10.644	136	120108	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	95417	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	235085	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	243065	20.000	ng	-0.01
86) Perylene-d12	24.457	264	257466	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	251653	151.622	ng	0.00
7) Phenol-d6	7.025	99	338462	149.901	ng	0.00
23) Nitrobenzene-d5	9.011	82	231433	106.483	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	191210	180.280	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	598016	95.132	ng	-0.01
79) Terphenyl-d14	19.845	244	1212725	100.884	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.011	70	32665	20.614	ng	# 74
26) 2-Nitrophenol	10.227	139	55	3.361	ng	# 44
48) 2-Nitroaniline	13.776	65	54	3.247	ng	# 11
51) 2,6-Dinitrotoluene	14.481	165	13633	12.231	ng	# 16
54) 2,4-Dinitrophenol	15.039	184	58	7.969	ng	# 15
57) 2,4-Dinitrotoluene	14.481	165	13633	10.035	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.961	198	491	8.580	ng	# 1
67) 4-Bromophenyl-phenylether	15.967	248	14103	5.857	ng	# 1
77) Benzidine	19.839	184	23825	7.079	ng	98
80) Butylbenzylphthalate	20.509	149	54	3.646	ng	# 20

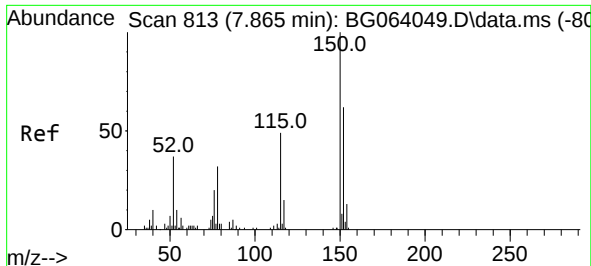
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064182.D
Acq On : 4 Apr 2025 1:23
Operator : RC/JU
Sample : PB167408TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

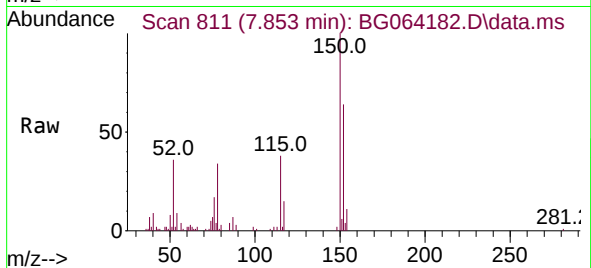
Quant Time: Apr 04 03:29:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



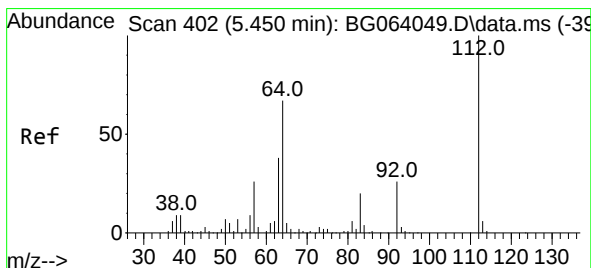
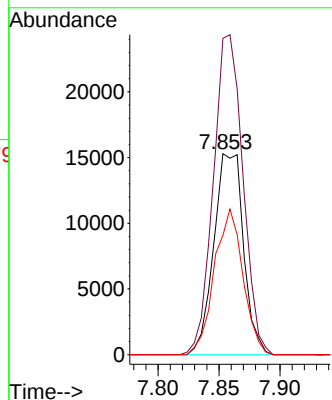
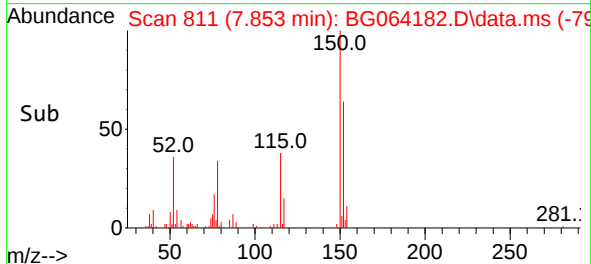


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 813
Delta R.T. -0.012 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Instrument :
BNA_G
ClientSampleId :

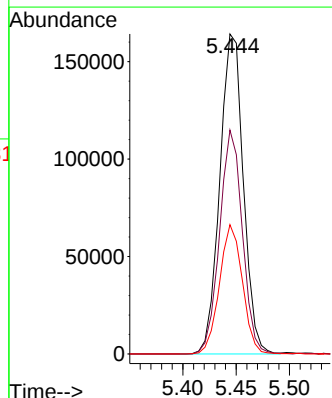
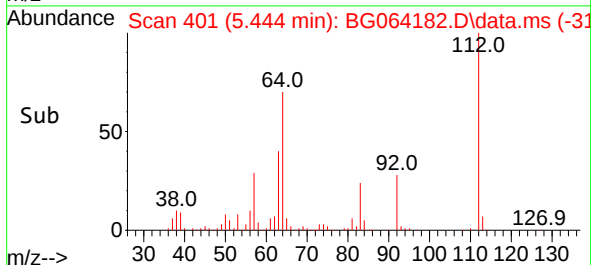
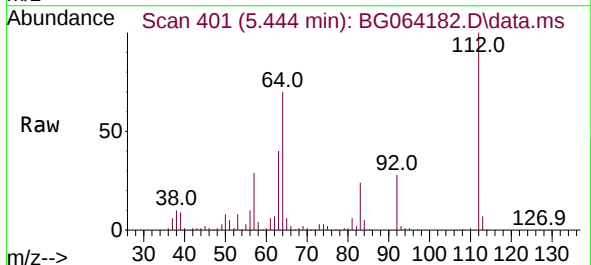


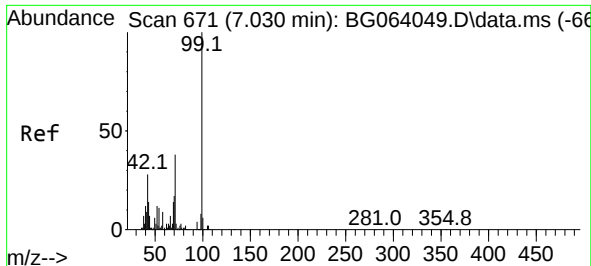
Tgt Ion:152 Resp: 25916
Ion Ratio Lower Upper
152 100
150 157.4 129.2 193.8
115 59.4 63.0 94.6#



#5
2-Fluorophenol
Concen: 151.622 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Tgt Ion:112 Resp: 251653
Ion Ratio Lower Upper
112 100
64 70.0 53.7 80.5
63 40.4 30.2 45.4

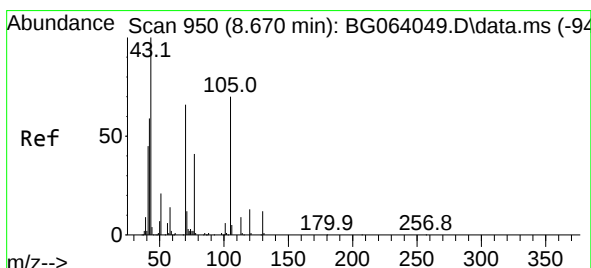
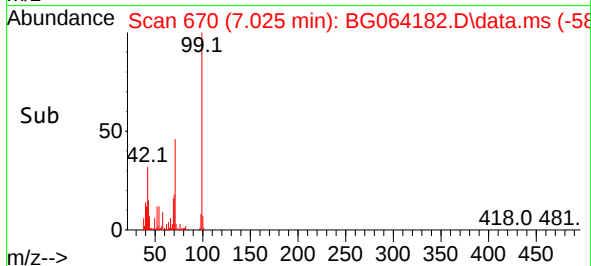
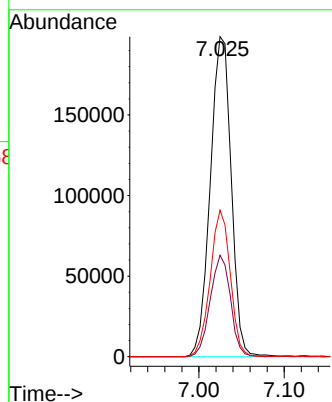
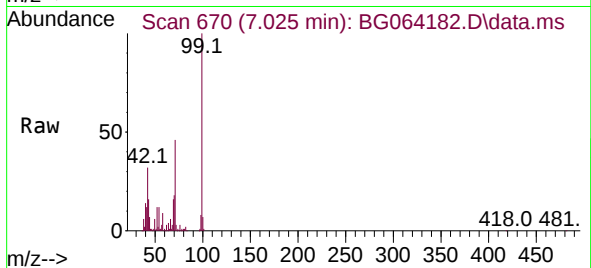




#7
Phenol-d6
Concen: 149.901 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

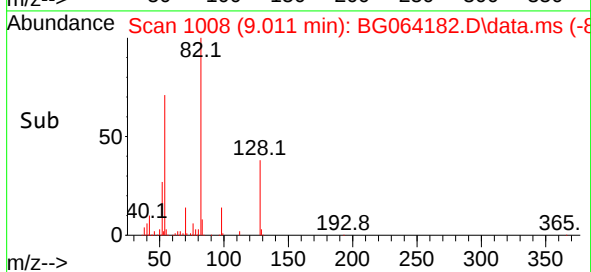
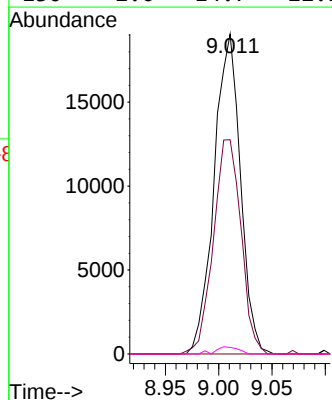
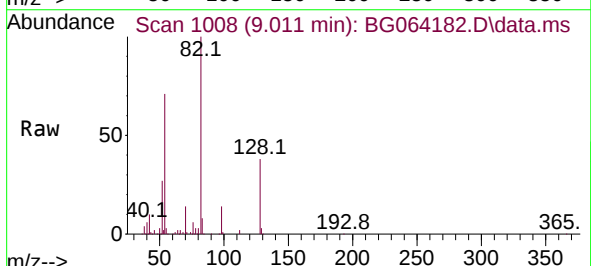
Instrument :
BNA_G
ClientSampleId :

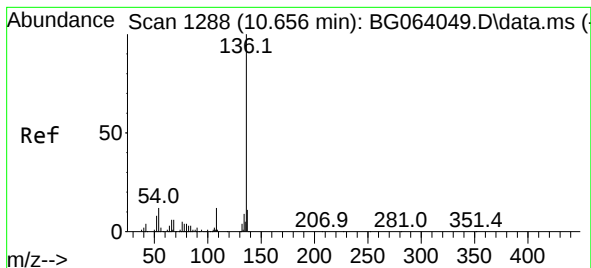
Tgt Ion: 99 Resp: 338462
Ion Ratio Lower Upper
99 100
42 31.7 22.7 34.1
71 45.8 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.614 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Tgt Ion: 70 Resp: 32665
Ion Ratio Lower Upper
70 100
42 67.0 72.1 108.1#
101 0.0 7.2 10.8#
130 2.0 14.7 22.1#

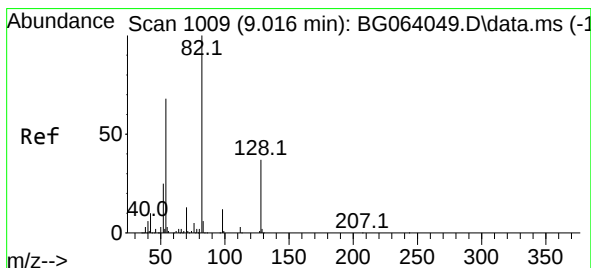
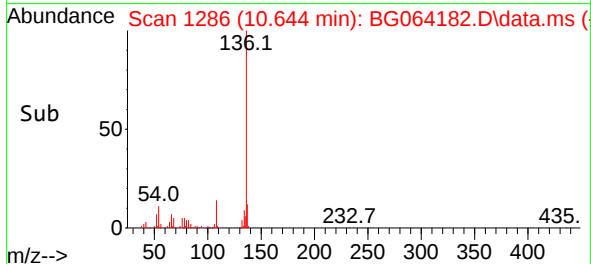
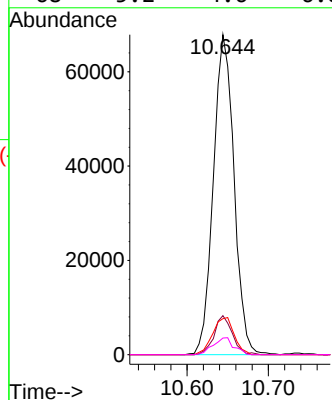
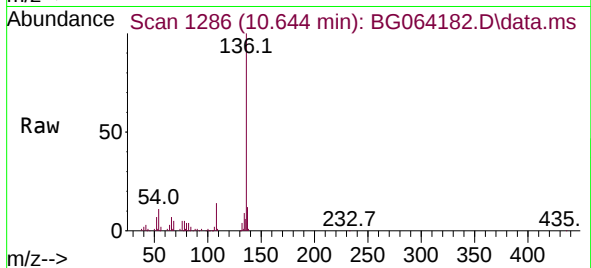




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

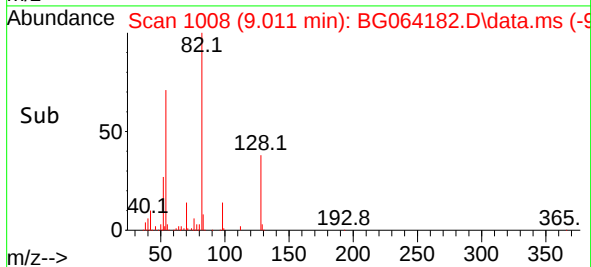
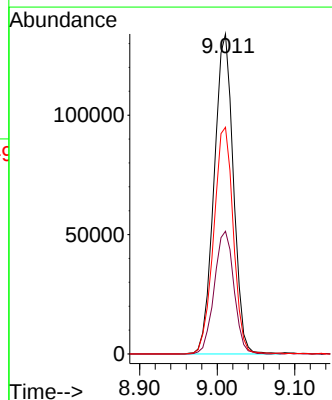
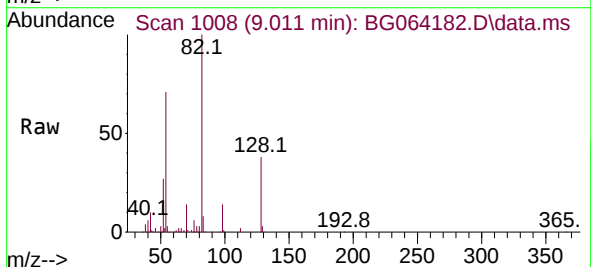
Instrument :
BNA_G
ClientSampleId :

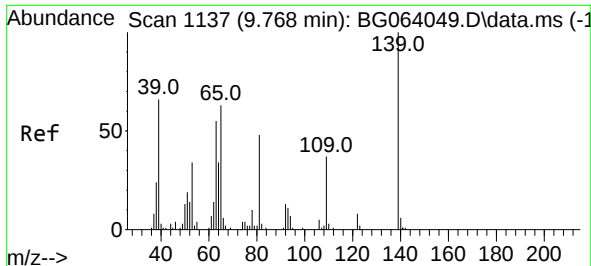
Tgt Ion:	136	Resp:	120108
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.5	12.7
54	11.2	9.9	14.9
68	5.2	4.6	6.8



#23
Nitrobenzene-d5
Concen: 106.483 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

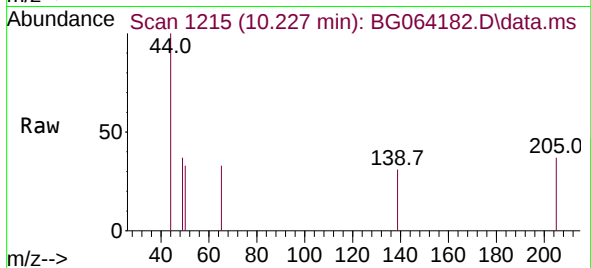
Tgt Ion:	82	Resp:	231433
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.0	45.0
54	70.8	54.7	82.1



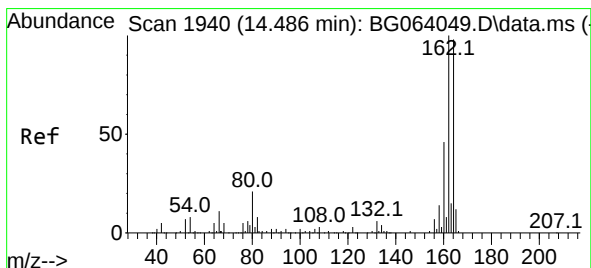
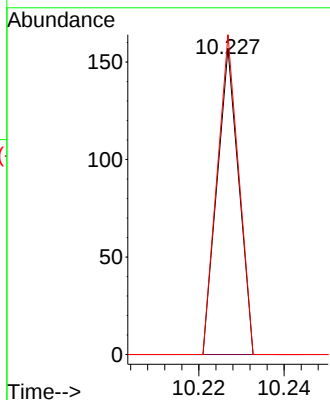
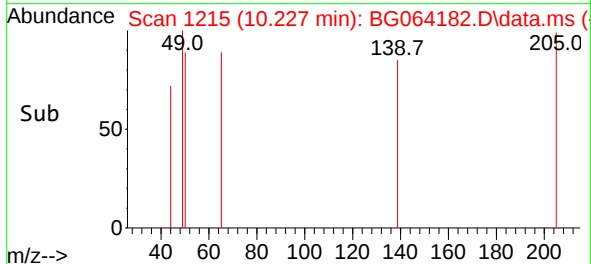


#26
2-Nitrophenol
Concen: 3.361 ng
RT: 10.227 min Scan# 1137
Delta R.T. 0.459 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

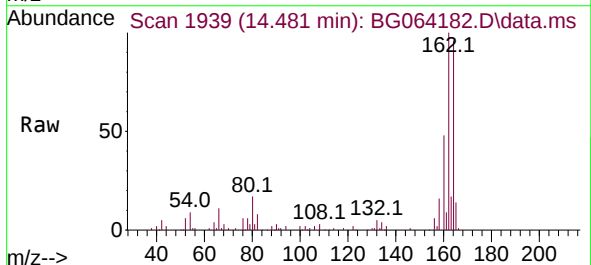
Instrument :
BNA_G
ClientSampleId :



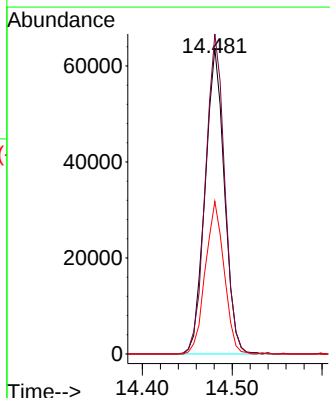
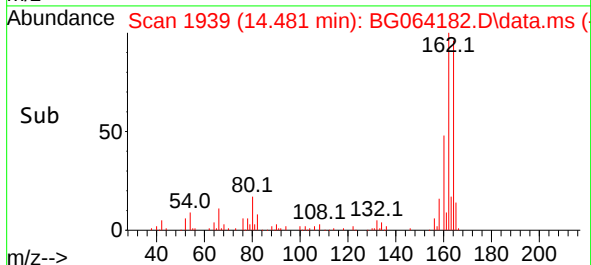
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 104.5 50.6 76.0#

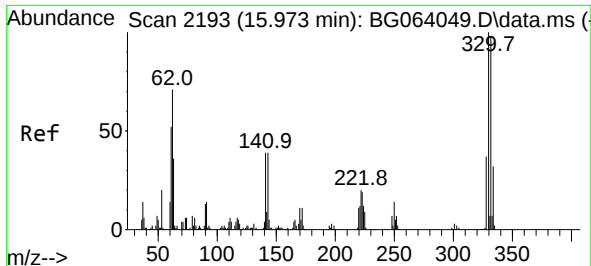


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23



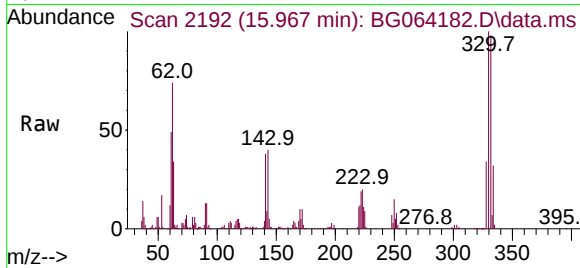
Tgt Ion:164 Resp: 95417
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 49.9 37.0 55.6



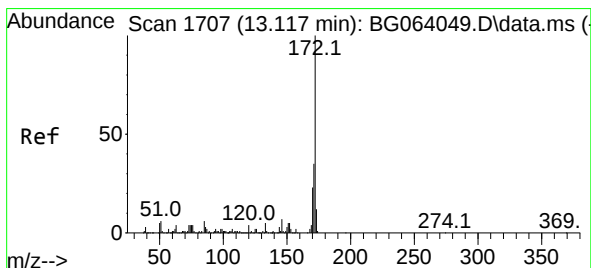
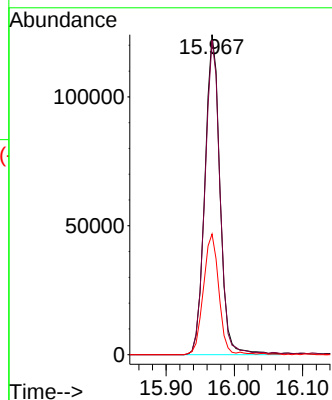
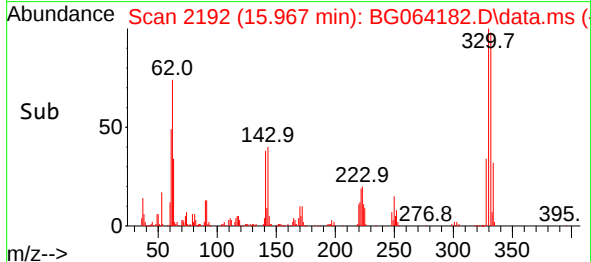


#42
2,4,6-Tribromophenol
Concen: 180.280 ng
RT: 15.967 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

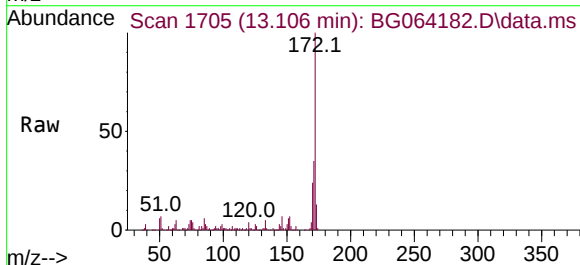
Instrument :
BNA_G
ClientSampleId :



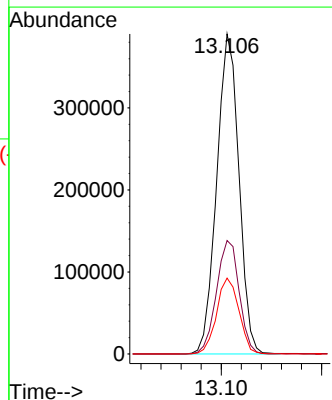
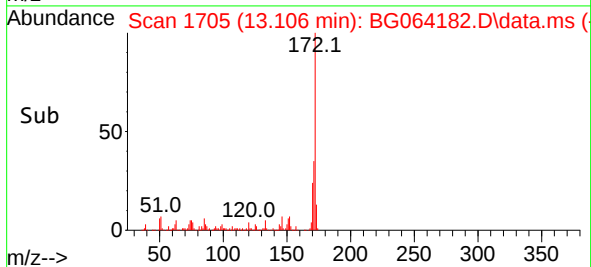
Tgt Ion:330 Resp: 191210
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 38.5 29.7 44.5

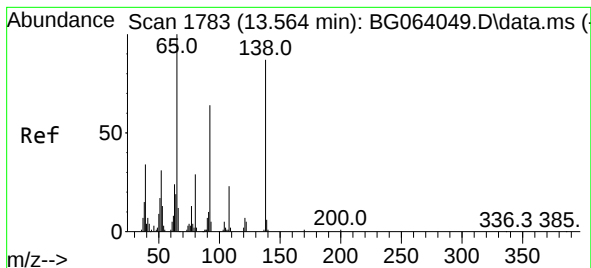


#45
2-Fluorobiphenyl
Concen: 95.132 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23



Tgt Ion:172 Resp: 598016
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.7 18.7 28.1





#48

2-Nitroaniline

Concen: 3.247 ng

RT: 13.776 min Scan# 1

Delta R.T. 0.212 min

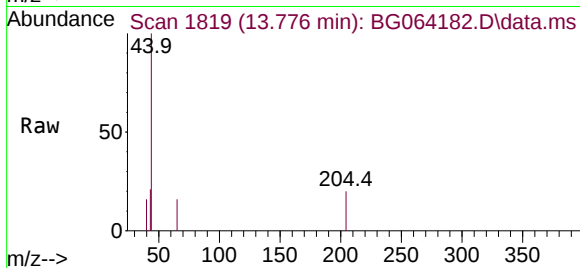
Lab File: BG064182.D

Acq: 4 Apr 2025 1:23

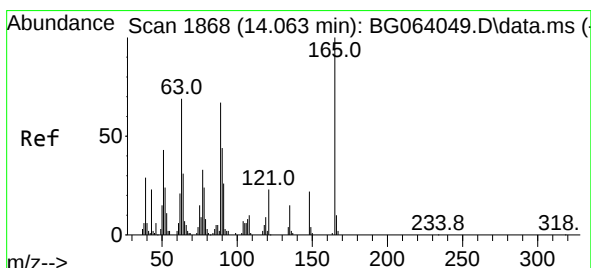
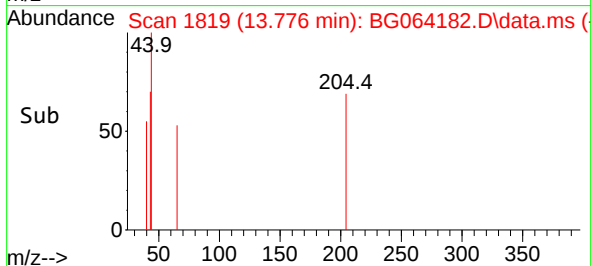
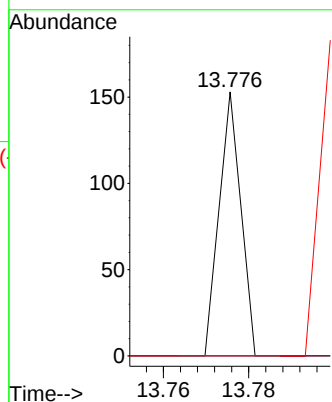
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	65	Resp:	54
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: 12.231 ng

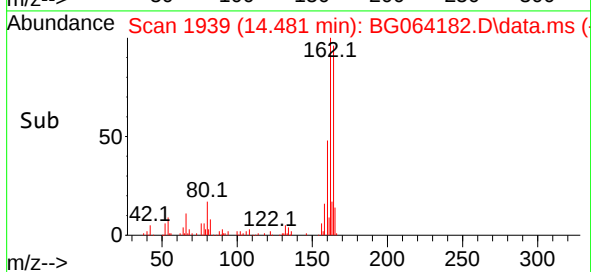
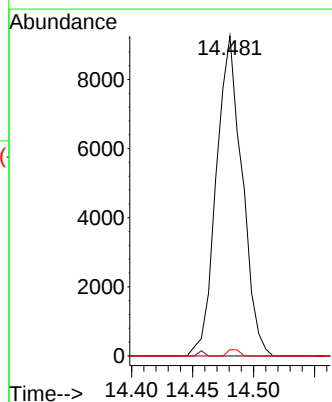
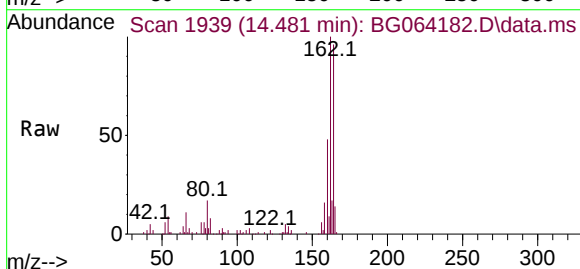
RT: 14.481 min Scan# 1939

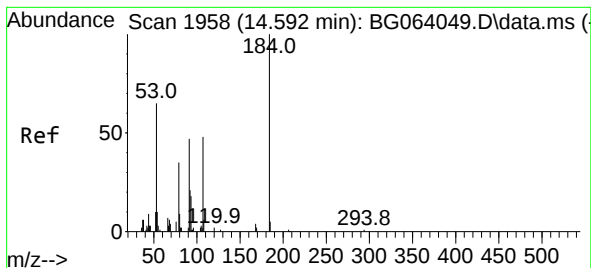
Delta R.T. 0.418 min

Lab File: BG064182.D

Acq: 4 Apr 2025 1:23

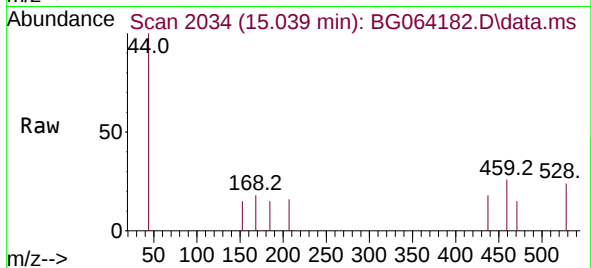
Tgt Ion:	165	Resp:	13633
Ion Ratio	Lower	Upper	
165	100		
63	0.0	56.7	85.1#
89	2.0	53.7	80.5#



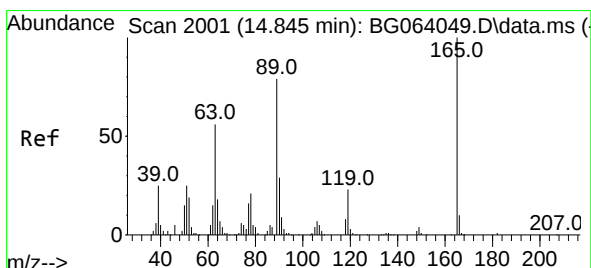
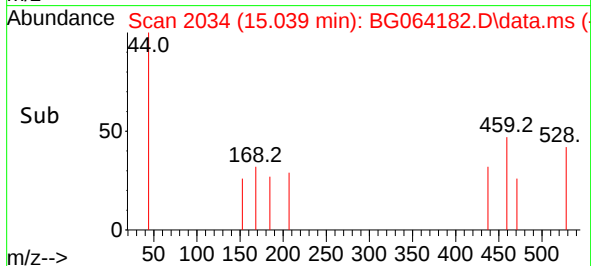
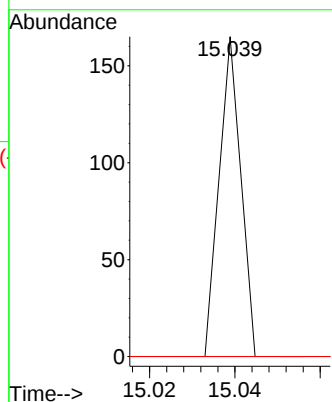


#54
2,4-Dinitrophenol
Concen: 7.969 ng
RT: 15.039 min Scan# 20
Delta R.T. 0.447 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Instrument :
BNA_G
ClientSampleId :

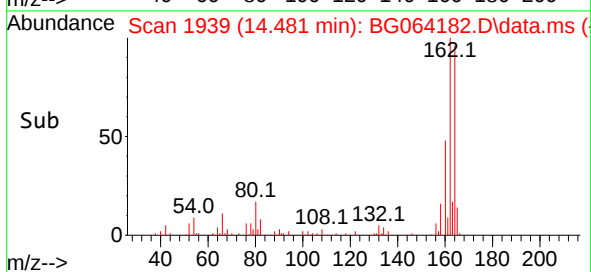
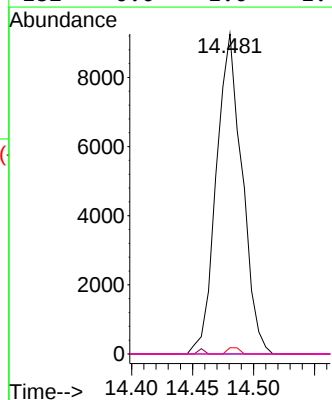
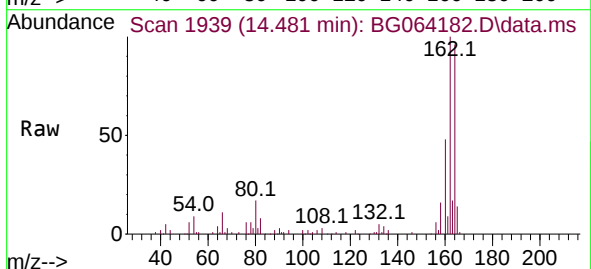


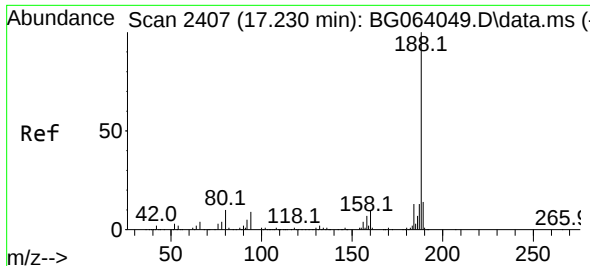
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3#
154 0.0 52.3 78.5#



#57
2,4-Dinitrotoluene
Concen: 10.035 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.364 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

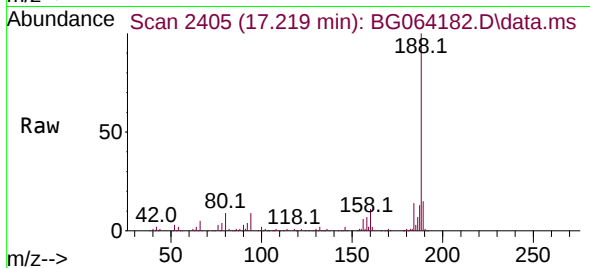
Tgt Ion:165 Resp: 13633
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.6#
89 2.0 63.1 94.7#
182 0.0 1.0 1.4#



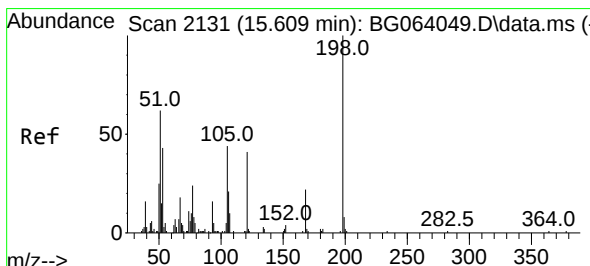
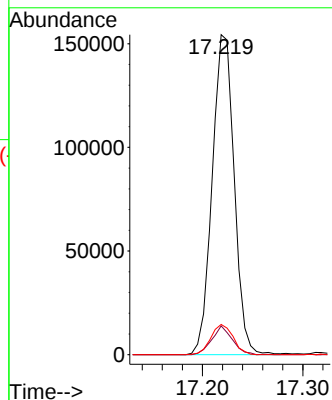
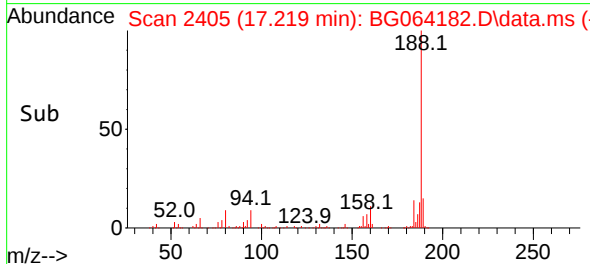


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2407
Delta R.T. -0.011 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

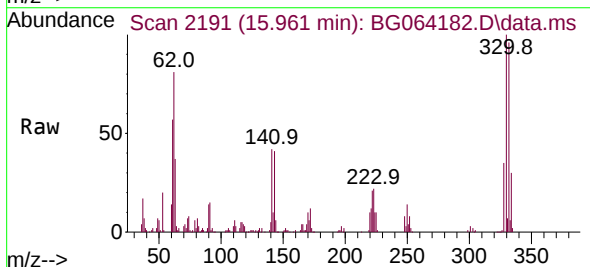
Instrument :
BNA_G
ClientSampleId :



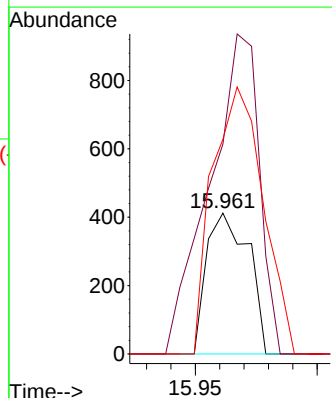
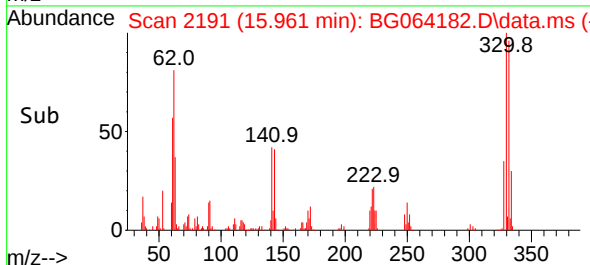
Tgt Ion:188 Resp: 235085
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.5 8.1 12.1

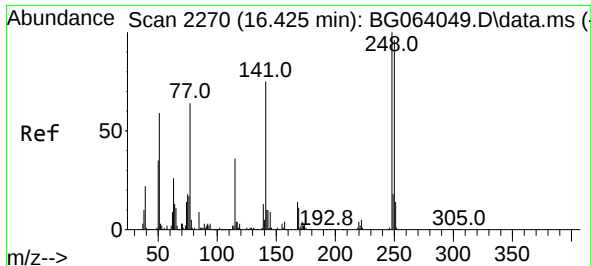


#65
4,6-Dinitro-2-methylphenol
Concen: 8.580 ng
RT: 15.961 min Scan# 2191
Delta R.T. 0.352 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23



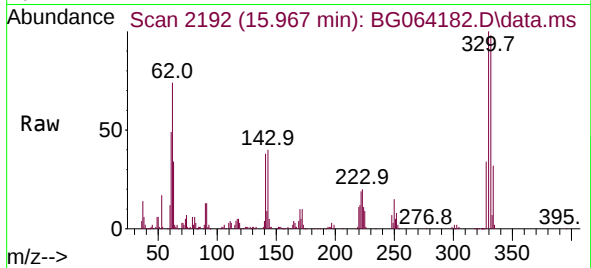
Tgt Ion:198 Resp: 491
Ion Ratio Lower Upper
198 100
51 149.0 45.6 85.6#
105 152.4 25.3 65.3#



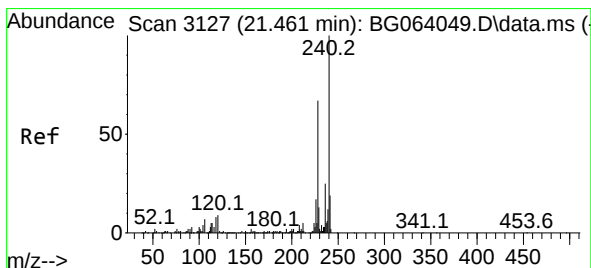
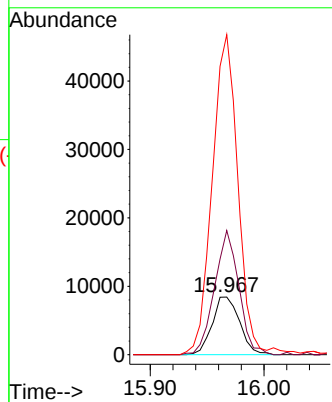
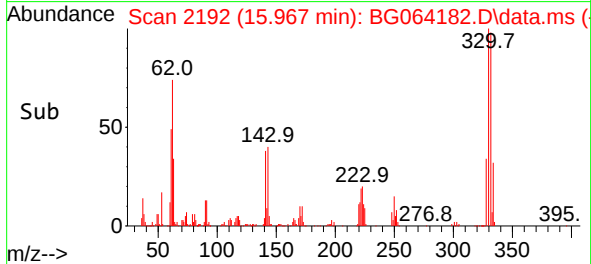


#67
4-Bromophenyl-phenylether
Concen: 5.857 ng
RT: 15.967 min Scan# 2119
Delta R.T. -0.458 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

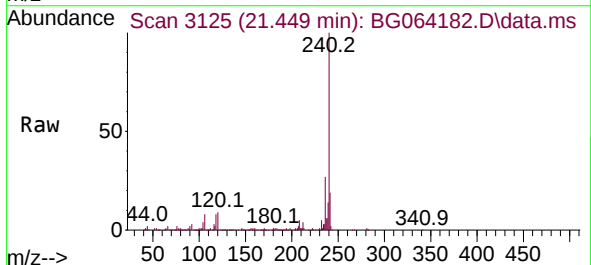
Instrument :
BNA_G
ClientSampleId :



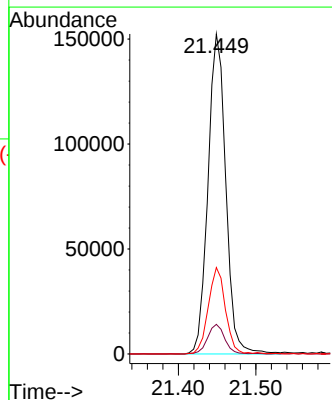
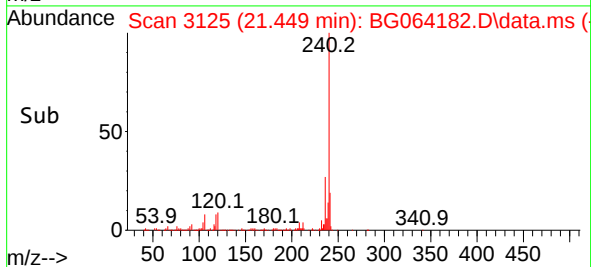
Tgt Ion:248 Resp: 14103
Ion Ratio Lower Upper
248 100
250 215.5 77.1 115.7#
141 555.2 59.8 89.8#

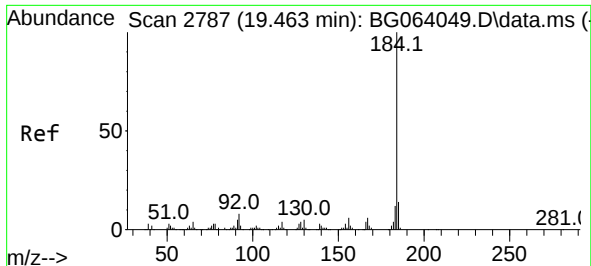


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23



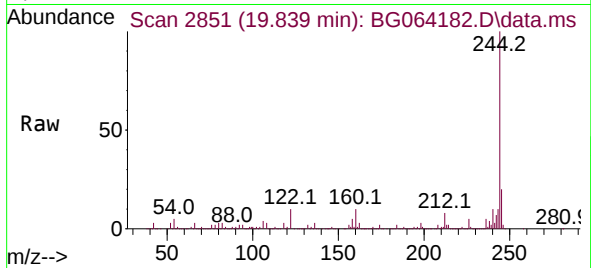
Tgt Ion:240 Resp: 243065
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 27.0 20.2 30.2



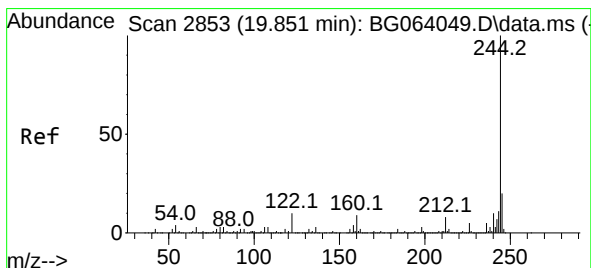
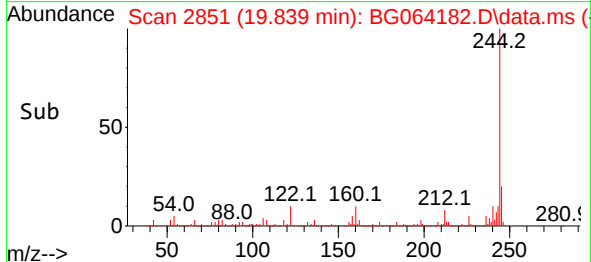
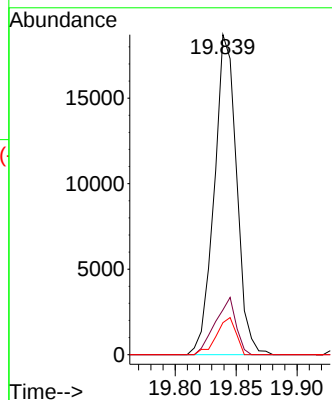


#77
Benzidine
Concen: 7.079 ng
RT: 19.839 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

Instrument :
BNA_G
ClientSampleId :

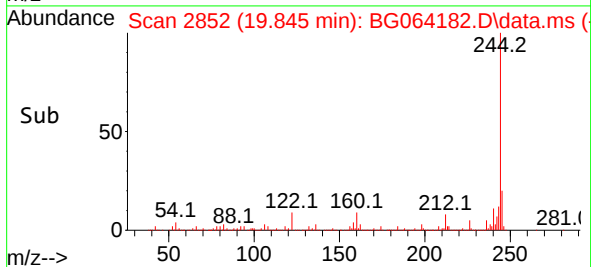
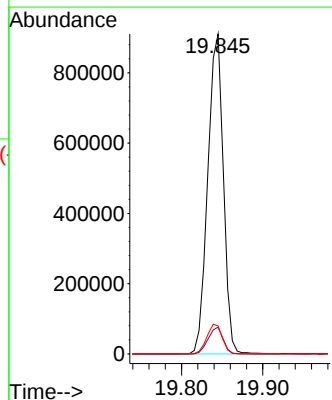
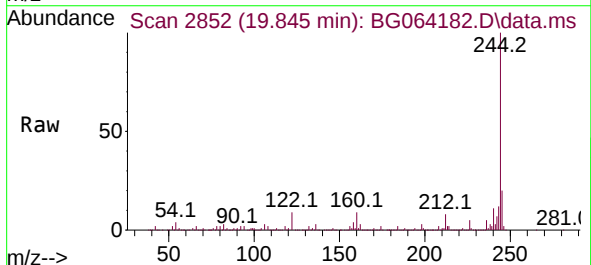


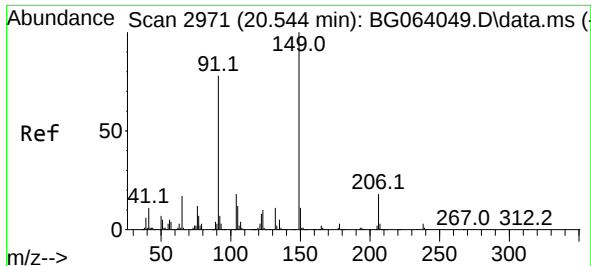
Tgt Ion:184 Resp: 23825
Ion Ratio Lower Upper
184 100
185 14.0 11.3 16.9
183 10.0 9.5 14.3



#79
Terphenyl-d14
Concen: 100.884 ng
RT: 19.845 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

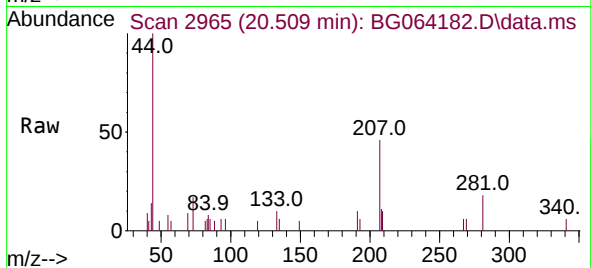
Tgt Ion:244 Resp: 1212725
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.4
122 8.7 8.0 12.0



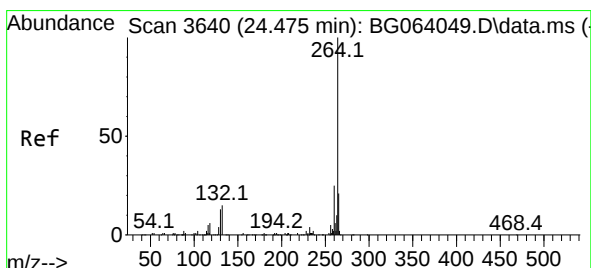
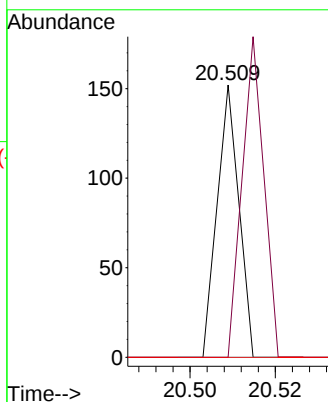
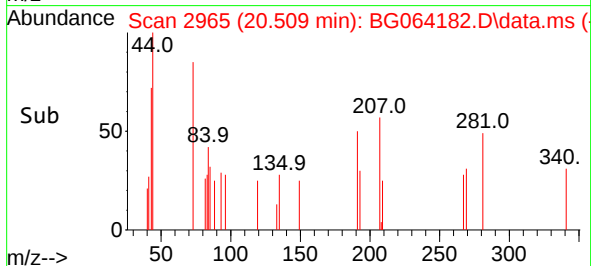


#80
Butylbenzylphthalate
Concen: 3.646 ng
RT: 20.509 min Scan# 2971
Delta R.T. -0.035 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23

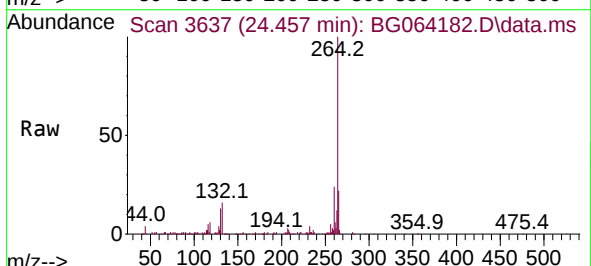
Instrument :
BNA_G
ClientSampleId :



Tgt Ion:149 Resp: 54
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. -0.017 min
Lab File: BG064182.D
Acq: 4 Apr 2025 1:23



Tgt Ion:264 Resp: 257466
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 22.2 16.6 25.0

