

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064148.D
 Acq On : 2 Apr 2025 11:39
 Operator : RC/JU
 Sample : PB167417BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167417BL

Quant Time: Apr 02 12:38:15 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)

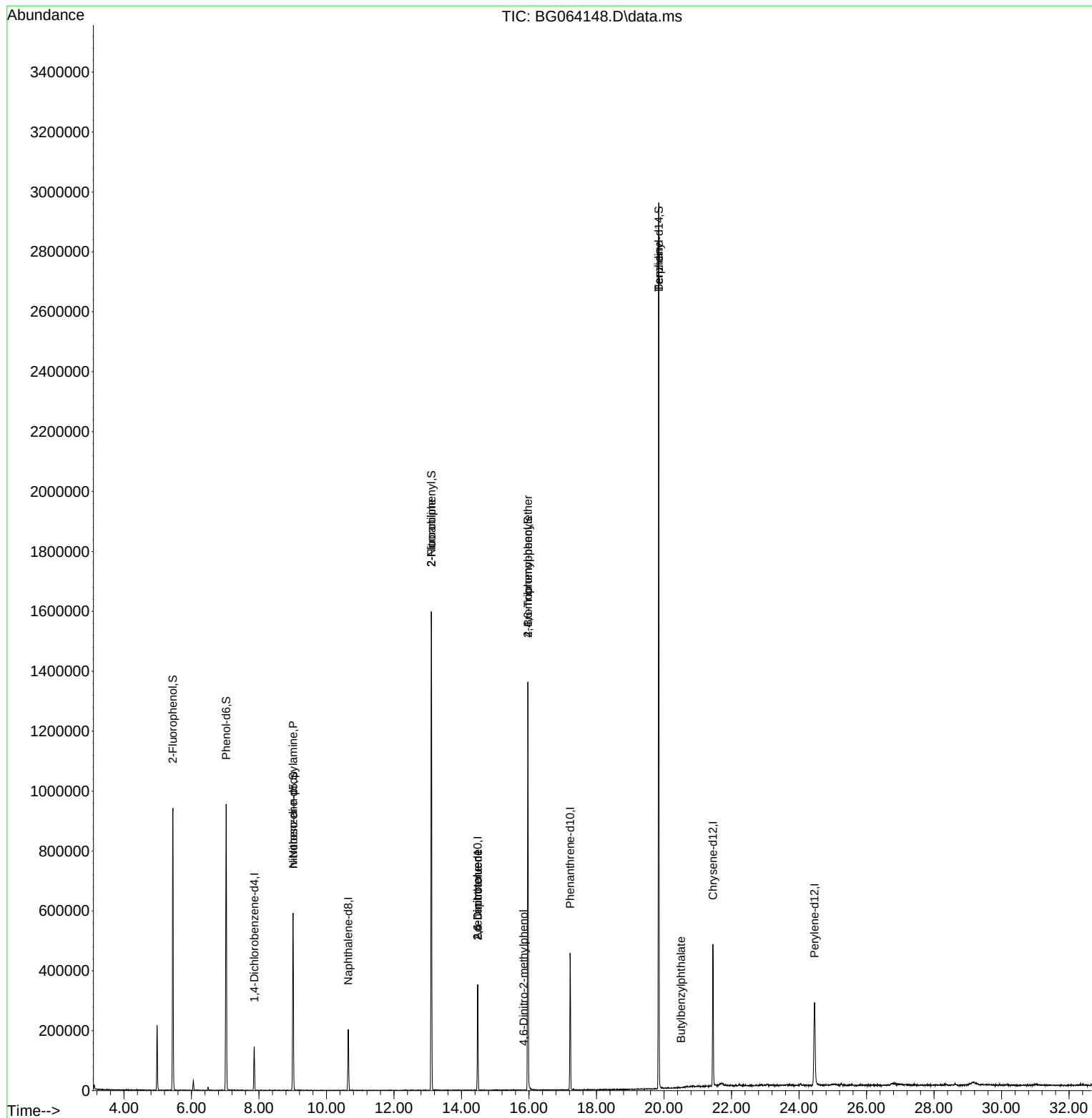
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	35587	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	159668	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	119188	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	263643	20.000	ng	-0.01
76) Chrysene-d12	21.449	240	263356	20.000	ng	-0.01
86) Perylene-d12	24.457	264	279988	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	353651	155.171	ng	0.00
7) Phenol-d6	7.025	99	463402	149.462	ng	0.00
23) Nitrobenzene-d5	9.011	82	310937	107.617	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	223713	168.858	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	793293	101.027	ng	-0.01
79) Terphenyl-d14	19.845	244	1335032	102.501	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.011	70	44528	20.464	ng	# 71
48) 2-Nitroaniline	13.106	65	1878	4.136	ng	# 1
51) 2,6-Dinitrotoluene	14.481	165	15255	11.306	ng	# 15
57) 2,4-Dinitrotoluene	14.481	165	15255	9.369	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.844	198	60	8.223	ng	# 23
67) 4-Bromophenyl-phenylether	15.967	248	15815	5.857	ng	# 1
77) Benzidine	19.845	184	24435	6.701	ng	96
80) Butylbenzylphthalate	20.509	149	63	3.647	ng	# 20

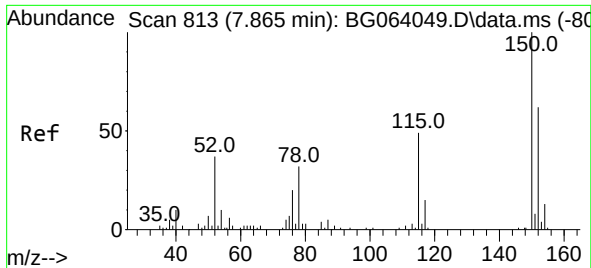
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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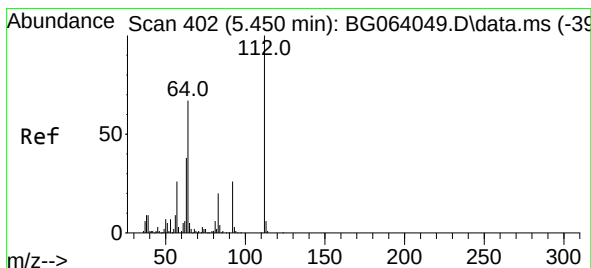
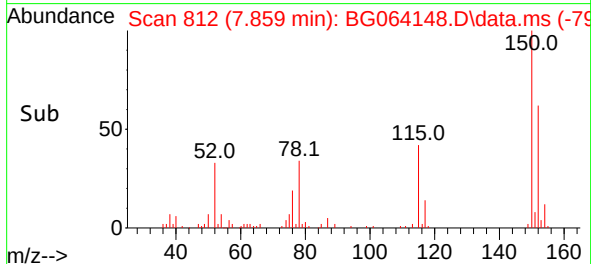
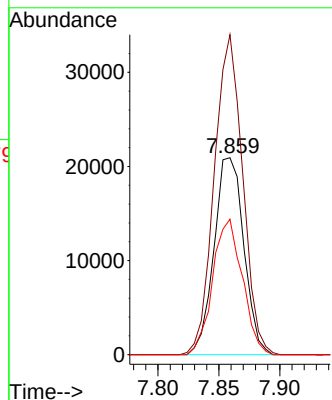
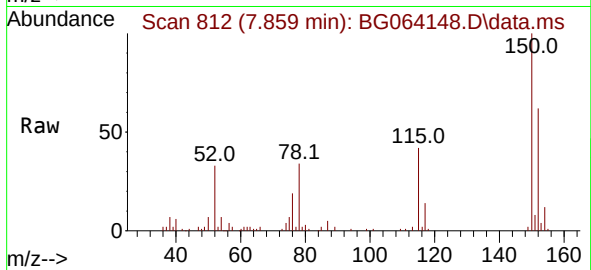




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

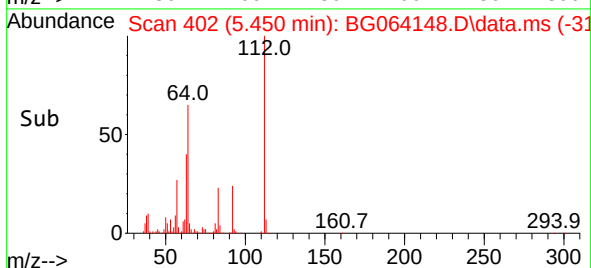
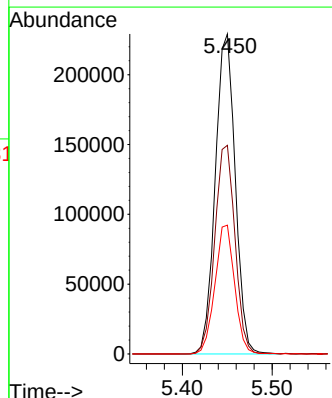
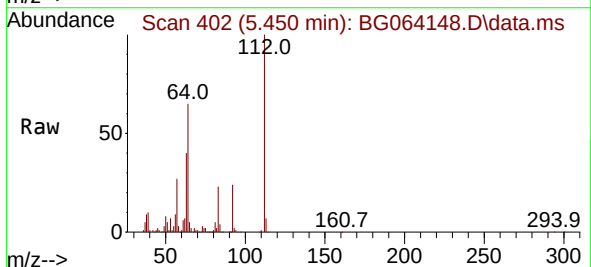
Instrument :
BNA_G
ClientSampleId :
PB167417BL

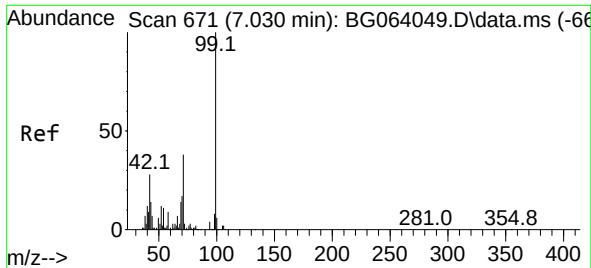
Tgt Ion:152 Resp: 35587
Ion Ratio Lower Upper
152 100
150 162.4 129.2 193.8
115 68.8 63.0 94.6



#5
2-Fluorophenol
Concen: 155.171 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion:112 Resp: 353651
Ion Ratio Lower Upper
112 100
64 65.2 53.7 80.5
63 40.2 30.2 45.4

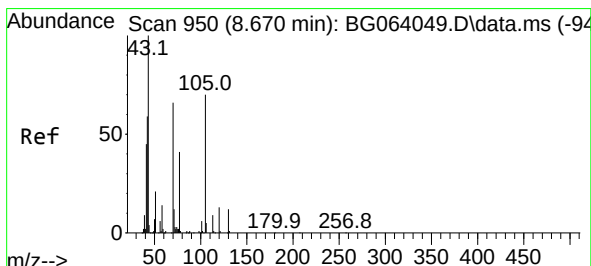
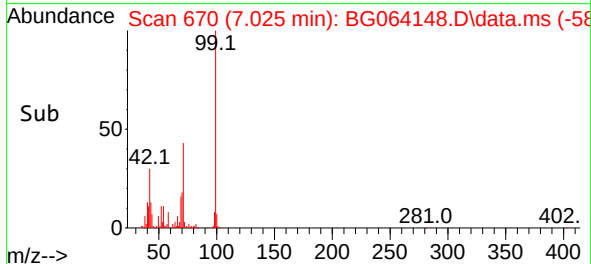
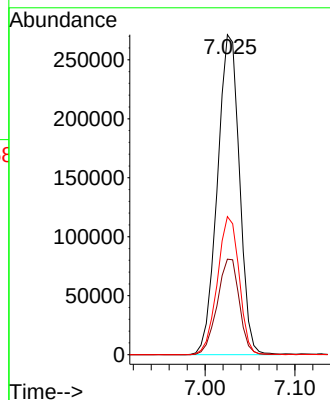
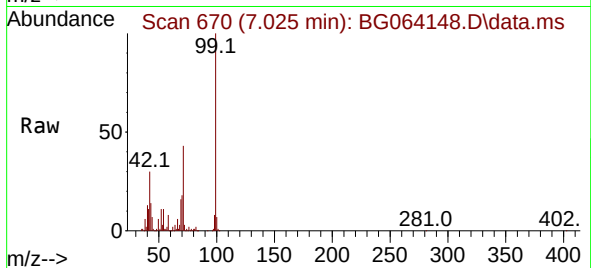




#7
Phenol-d6
Concen: 149.462 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

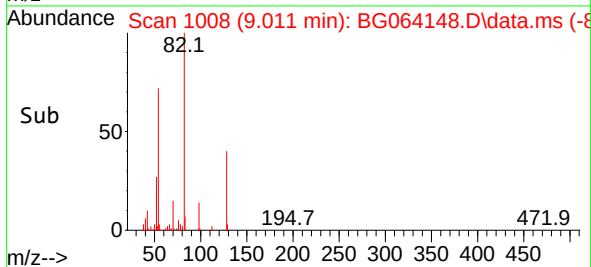
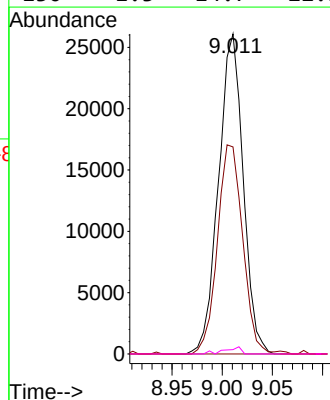
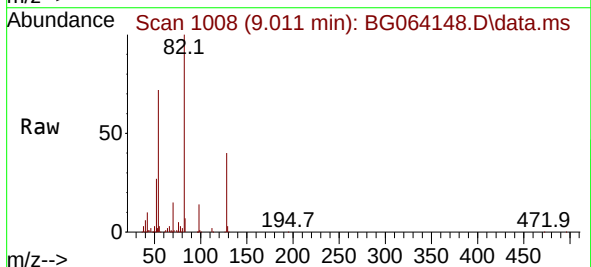
Instrument :
BNA_G
ClientSampleId :
PB167417BL

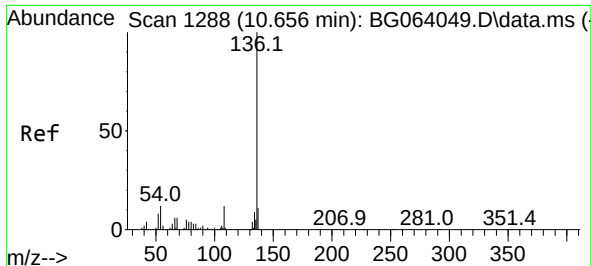
Tgt Ion: 99 Resp: 463402
Ion Ratio Lower Upper
99 100
42 29.9 22.7 34.1
71 43.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.464 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion: 70 Resp: 44528
Ion Ratio Lower Upper
70 100
42 64.7 72.1 108.1#
101 0.0 7.2 10.8#
130 1.3 14.7 22.1#

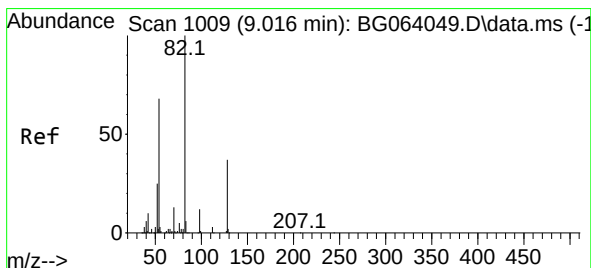
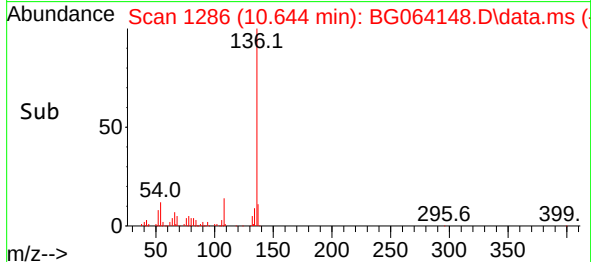
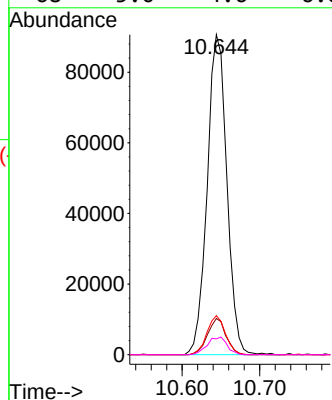
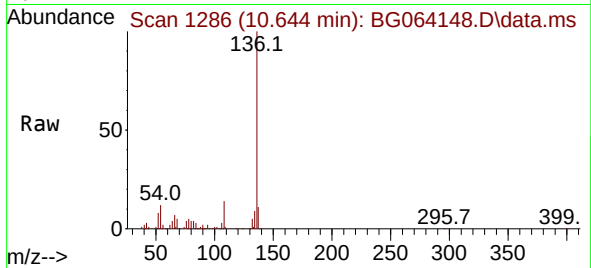




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

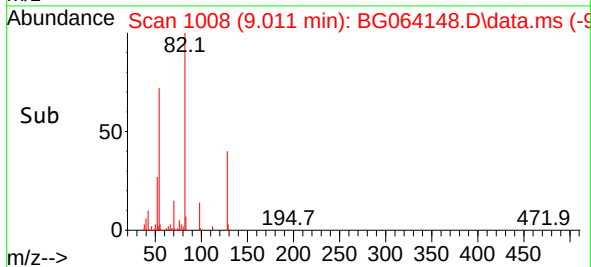
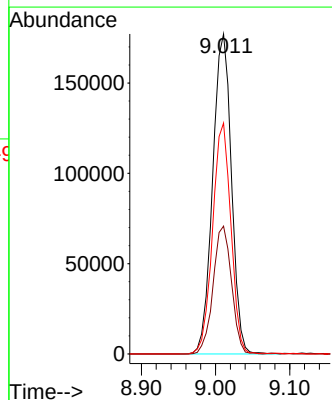
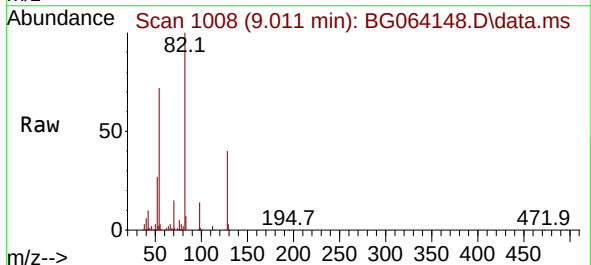
Instrument :
BNA_G
ClientSampleId :
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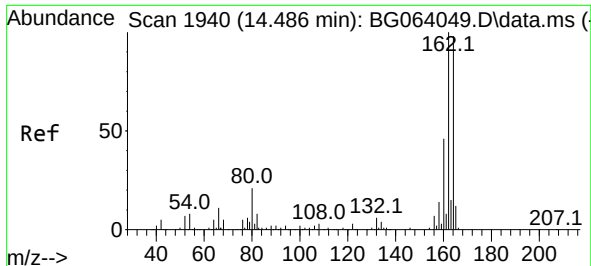
Tgt Ion:136 Resp: 159668
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 12.2 9.9 14.9
68 5.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 107.617 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion: 82 Resp: 310937
Ion Ratio Lower Upper
82 100
128 39.9 30.0 45.0
54 72.2 54.7 82.1

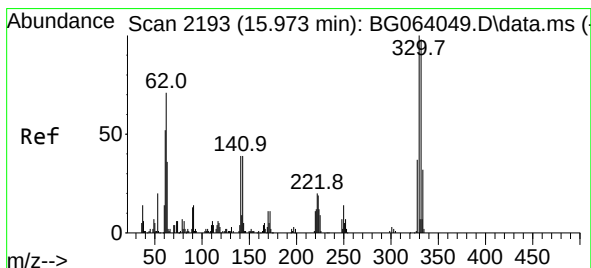
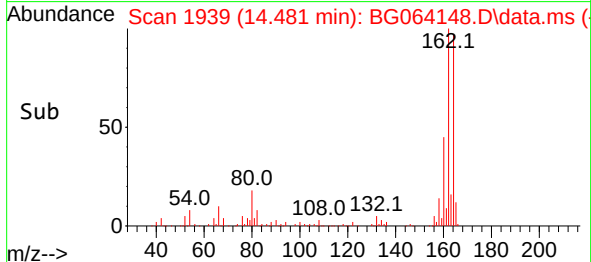
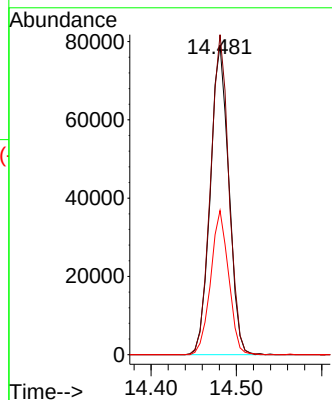
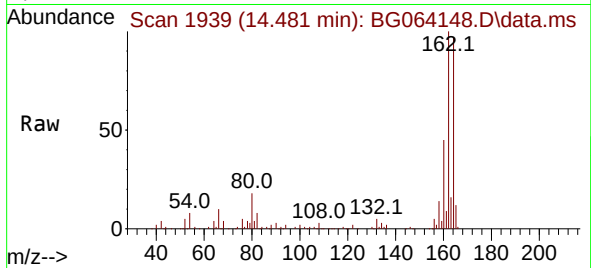




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

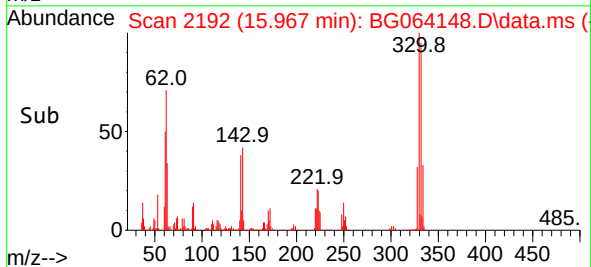
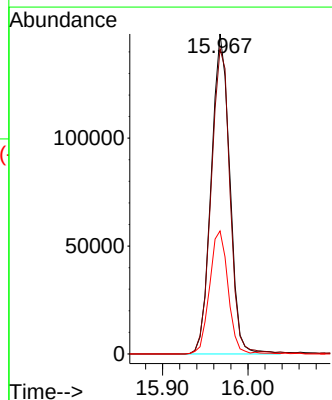
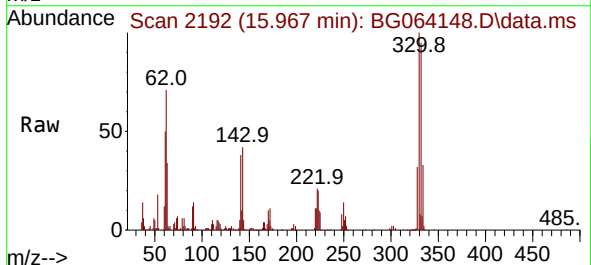
Instrument :
BNA_G
ClientSampleId :
PB167417BL

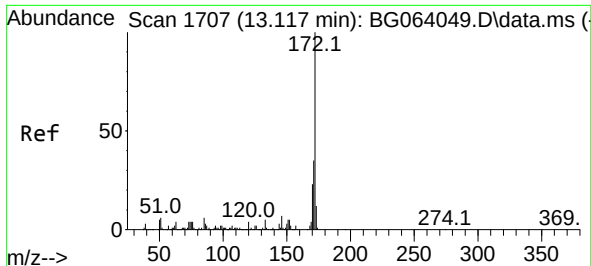
Tgt Ion:164 Resp: 119188
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 46.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 168.858 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion:330 Resp: 223713
Ion Ratio Lower Upper
330 100
332 97.4 76.7 115.1
141 38.5 29.7 44.5

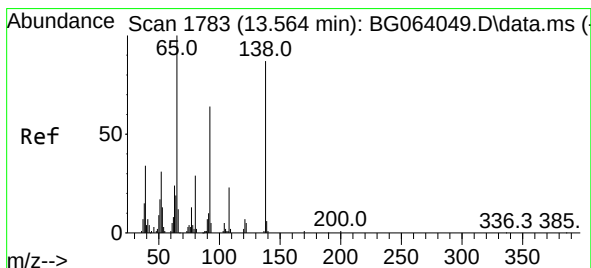
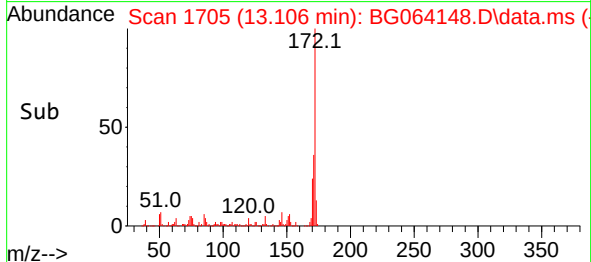
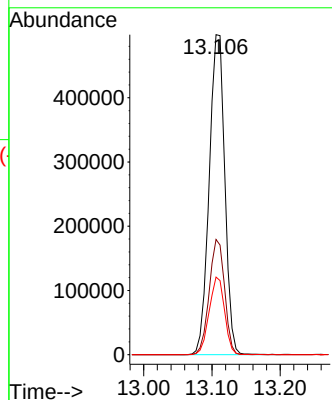
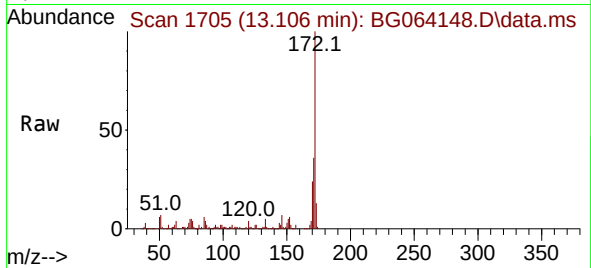




#45
2-Fluorobiphenyl
Concen: 101.027 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

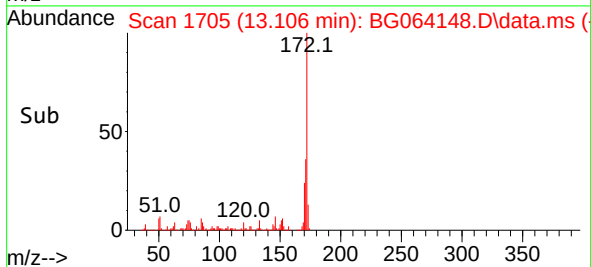
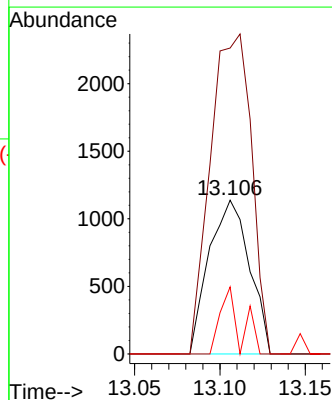
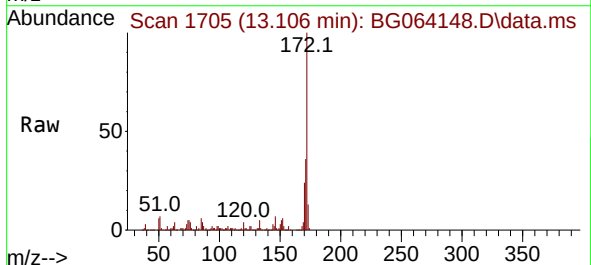
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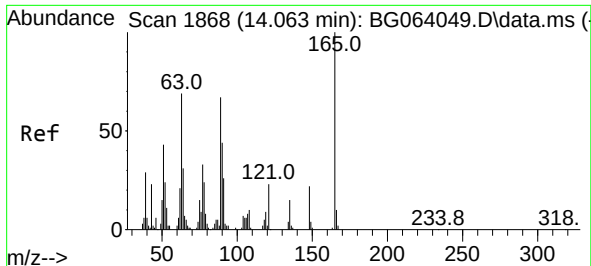
Tgt Ion:172 Resp: 793293
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 24.3 18.7 28.1



#48
2-Nitroaniline
Concen: 4.136 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.458 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion: 65 Resp: 1878
Ion Ratio Lower Upper
65 100
92 198.9 51.2 76.8#
138 43.6 69.4 104.2#

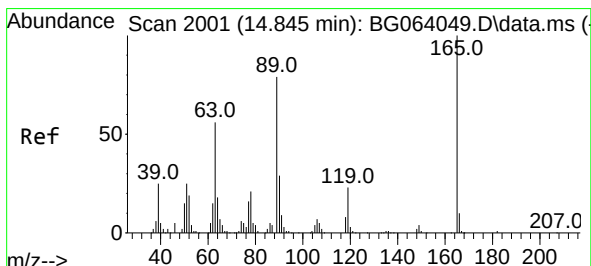
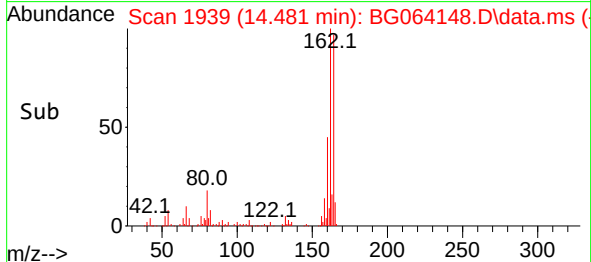
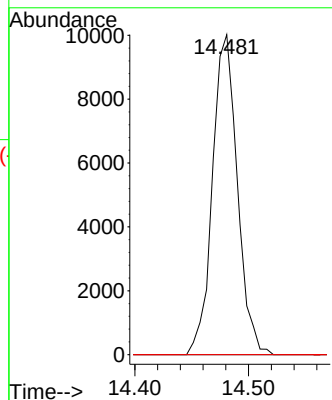
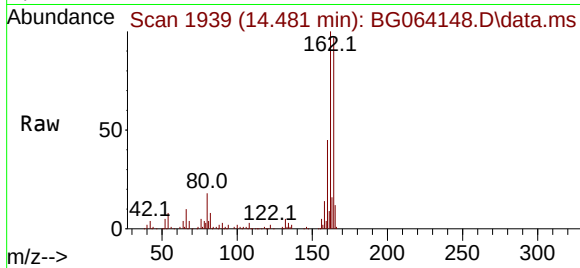




#51
2,6-Dinitrotoluene
Concen: 11.306 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.418 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

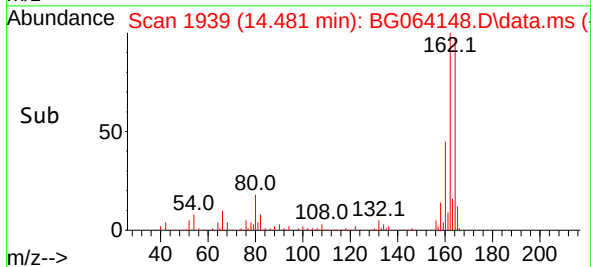
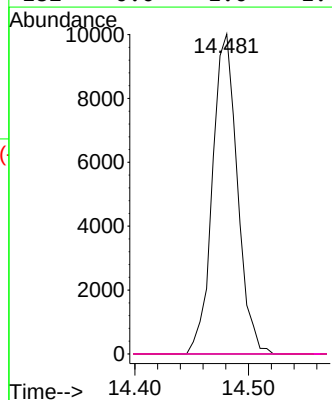
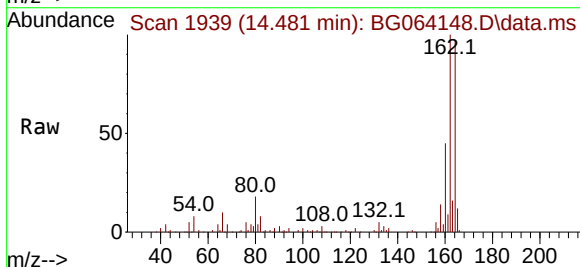
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ClientSampleId :
PB167417BL

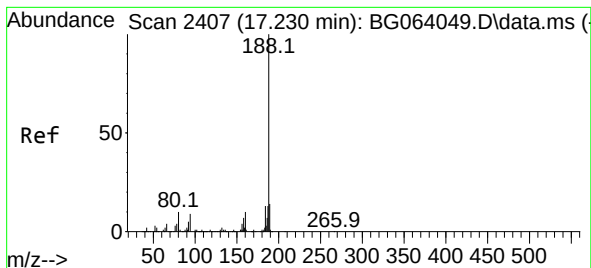
Tgt Ion:165 Resp: 15255
Ion Ratio Lower Upper
165 100
63 0.0 56.7 85.1#
89 0.0 53.7 80.5#



#57
2,4-Dinitrotoluene
Concen: 9.369 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.364 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion:165 Resp: 15255
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: 17.219 min Scan# 2405

Delta R.T. -0.011 min

Lab File: BG064148.D

Acq: 2 Apr 2025 11:39

Instrument :

BNA_G

ClientSampleId :

PB167417BL

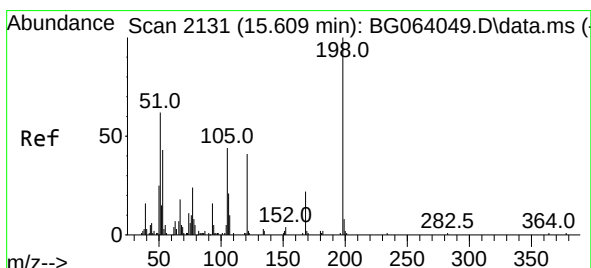
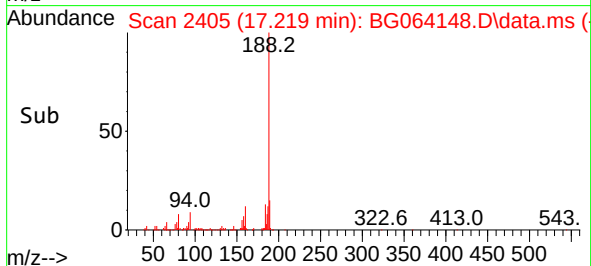
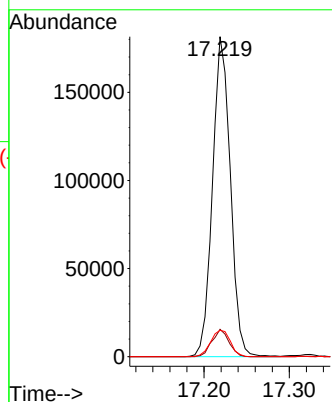
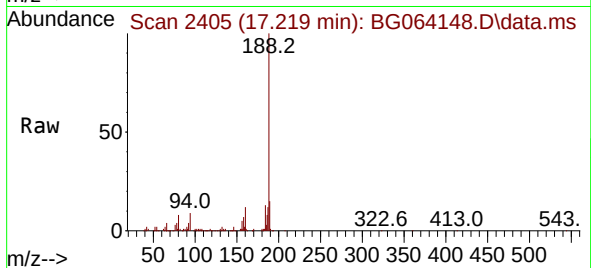
Tgt Ion:188 Resp: 263643

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 8.3 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.223 ng

RT: 15.844 min Scan# 2171

Delta R.T. 0.235 min

Lab File: BG064148.D

Acq: 2 Apr 2025 11:39

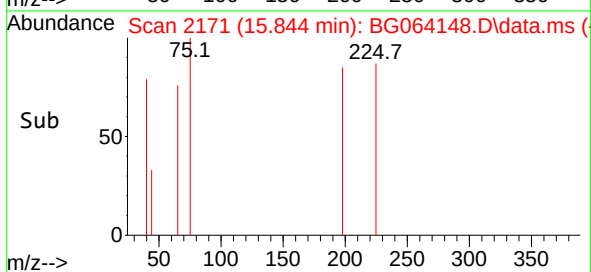
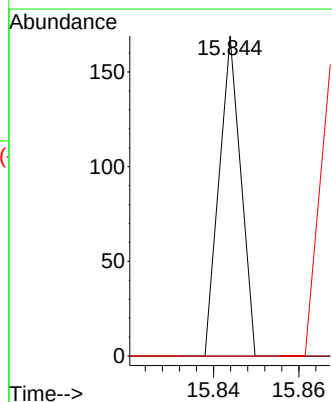
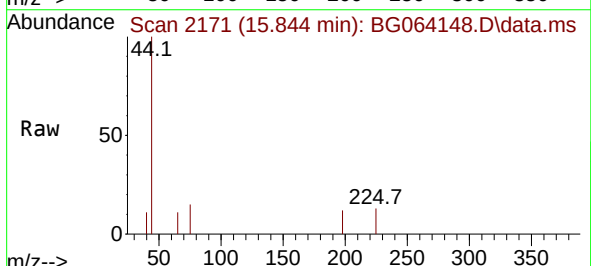
Tgt Ion:198 Resp: 60

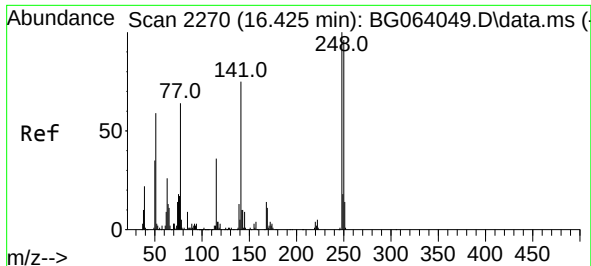
Ion Ratio Lower Upper

198 100

51 0.0 45.6 85.6#

105 0.0 25.3 65.3#

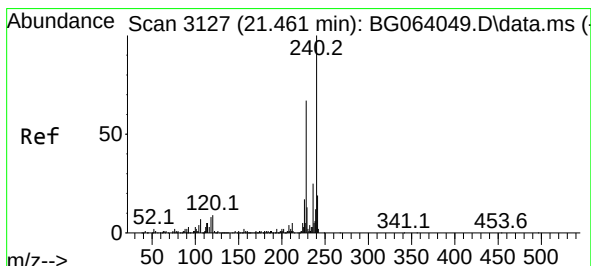
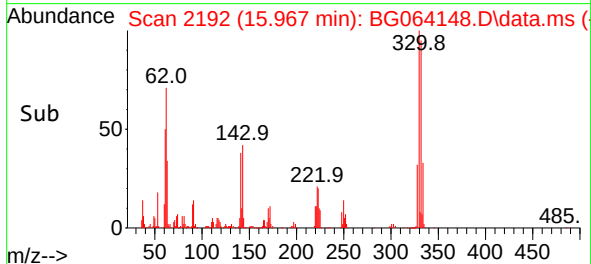
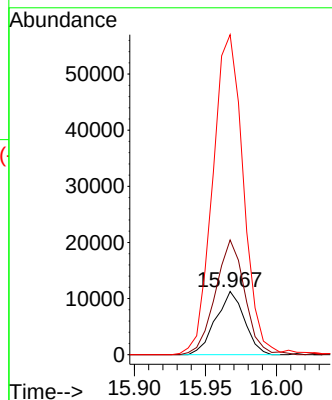
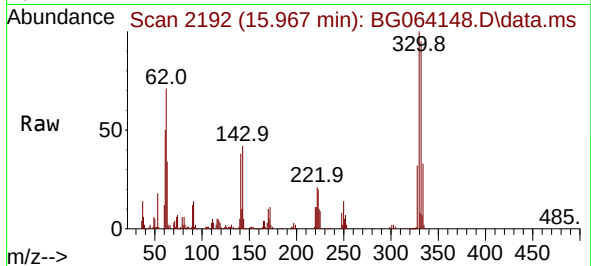




#67
4-Bromophenyl-phenylether
Concen: 5.857 ng
RT: 15.967 min Scan# 21192
Delta R.T. -0.458 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

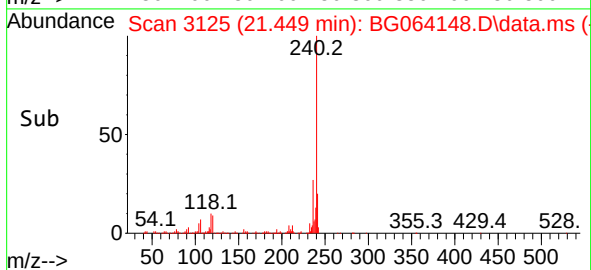
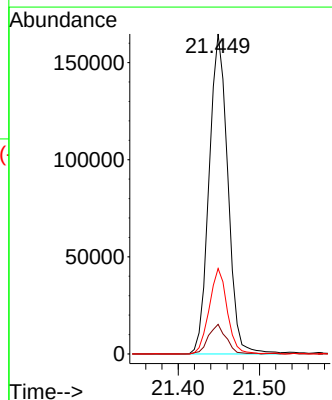
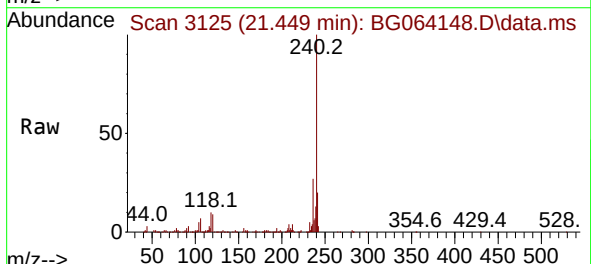
Instrument :
BNA_G
ClientSampleId :
PB167417BL

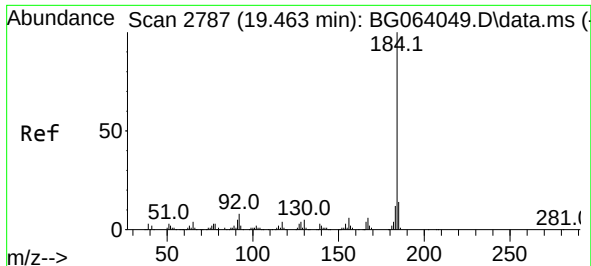
Tgt Ion:248 Resp: 15815
Ion Ratio Lower Upper
248 100
250 181.5 77.1 115.7#
141 506.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion:240 Resp: 263356
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 26.7 20.2 30.2

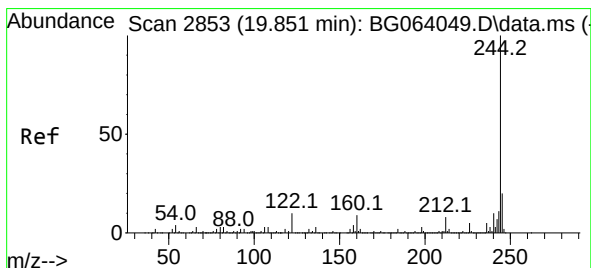
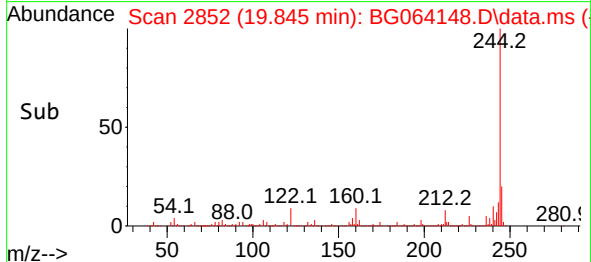
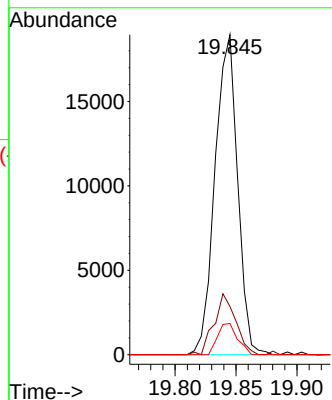
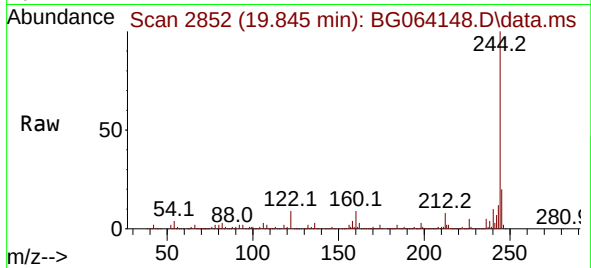




#77
Benzidine
Concen: 6.701 ng
RT: 19.845 min Scan# 2852
Delta R.T. 0.382 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

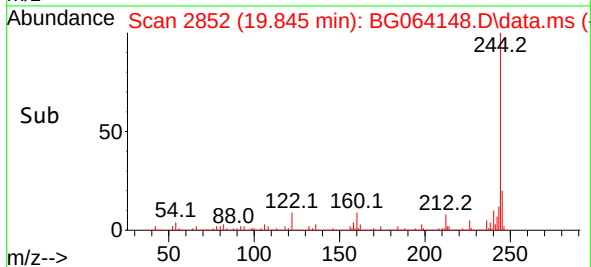
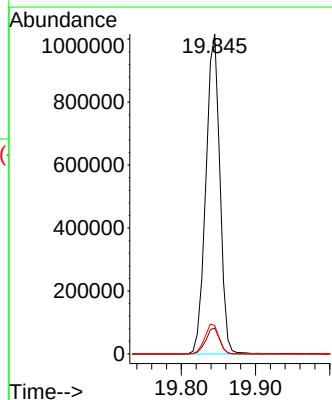
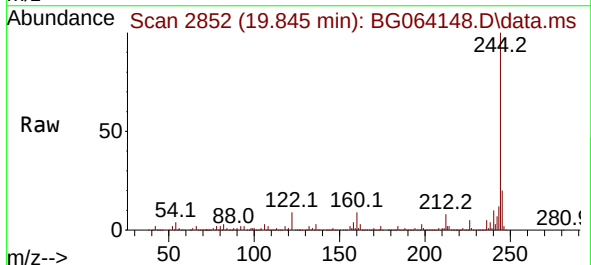
Instrument :
BNA_G
ClientSampleId :
PB167417BL

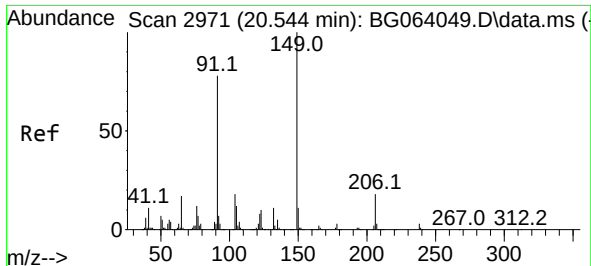
Tgt Ion:184 Resp: 24435
Ion Ratio Lower Upper
184 100
185 15.0 11.3 16.9
183 9.7 9.5 14.3



#79
Terphenyl-d14
Concen: 102.501 ng
RT: 19.845 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion:244 Resp: 1335032
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.4
122 8.9 8.0 12.0

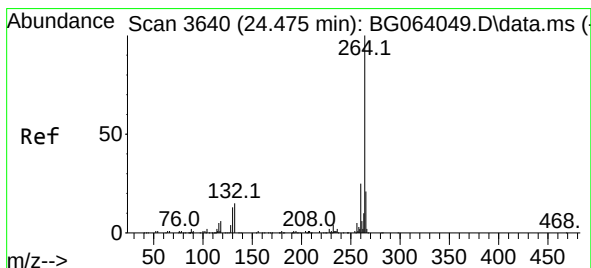
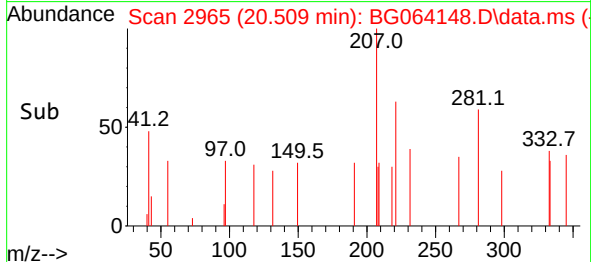
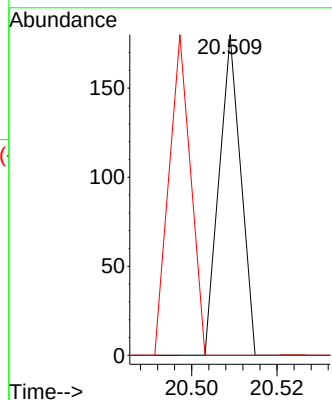
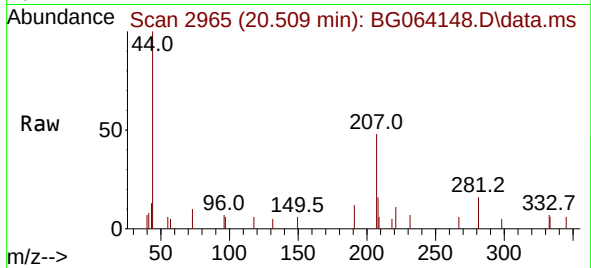




#80
Butylbenzylphthalate
Concen: 3.647 ng
RT: 20.509 min Scan# 2971
Delta R.T. -0.035 min
Lab File: BG064148.D
Acq: 2 Apr 2025 11:39

Instrument :
BNA_G
ClientSampleId :
PB167417BL

Tgt Ion:149 Resp: 63
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: BG064148.D
Acq: 2 Apr 2025 11:39

Tgt Ion:264 Resp: 279988
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 21.7 16.6 25.0

