

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064501.D
 Acq On : 14 Oct 2025 15:31
 Operator : RC/JU
 Sample : Q3327-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HADLEY-ROAD-TP

Quant Time: Oct 14 16:08:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

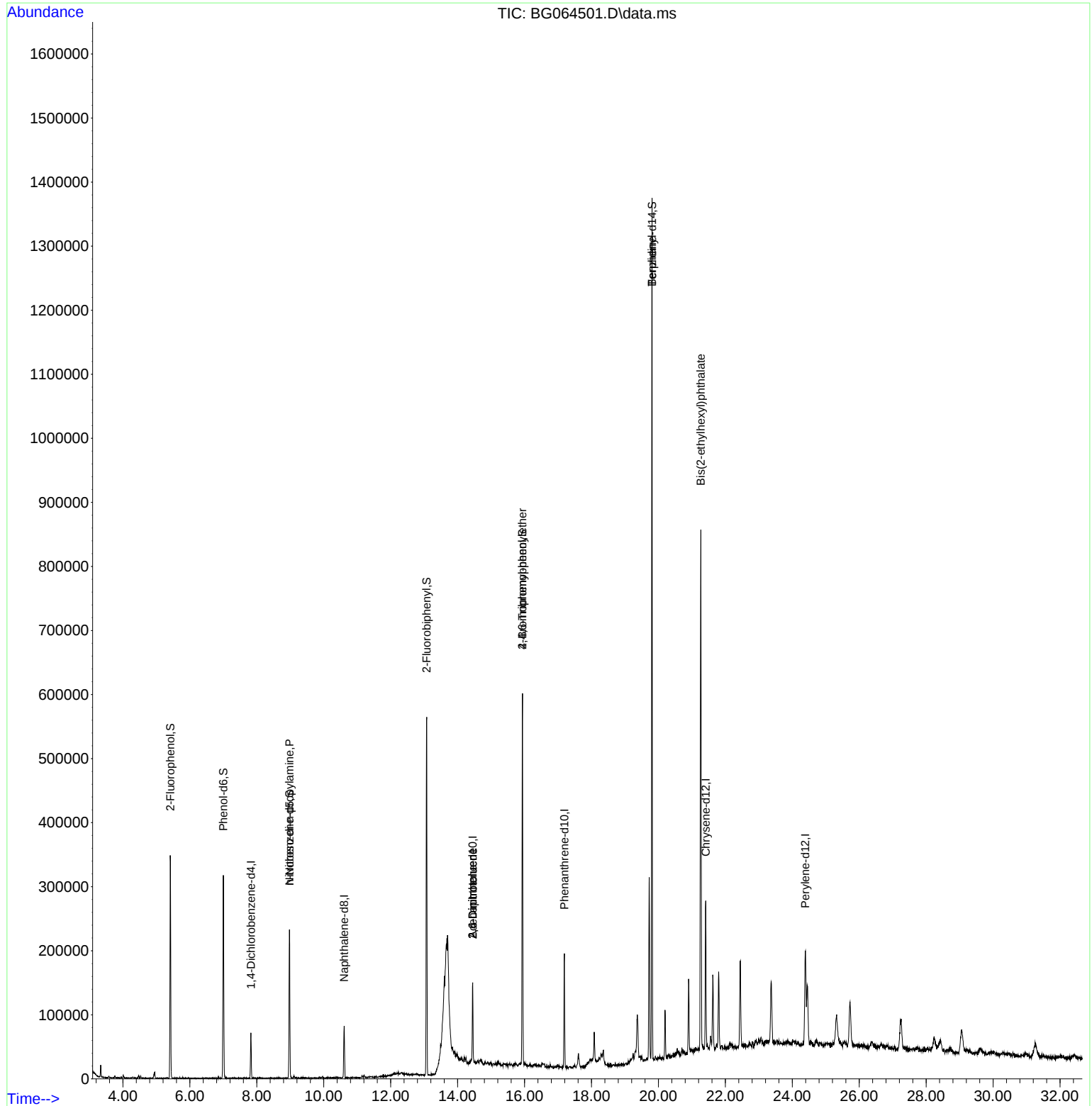
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	16828	20.000	ng	# 0.00
21) Naphthalene-d8	10.608	136	64240	20.000	ng	0.00
39) Acenaphthene-d10	14.450	164	40733	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	105490	20.000	ng	# 0.00
76) Chrysene-d12	21.413	240	135165	20.000	ng	0.00
86) Perylene-d12	24.386	264	149134	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	125029	137.502	ng	0.00
7) Phenol-d6	7.000	99	143065	117.081	ng	0.01
23) Nitrobenzene-d5	8.975	82	118320	99.036	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	116045	157.170	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	282163	102.106	ng	0.00
79) Terphenyl-d14	19.809	244	616814	86.363	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	17990	22.014	ng	# 83
51) 2,6-Dinitrotoluene	14.450	165	6063	9.123	ng	# 15
57) 2,4-Dinitrotoluene	14.450	165	6063	5.968	ng	# 25
67) 4-Bromophenyl-phenylether	15.937	248	7848	6.322	ng	# 1
77) Benzidine	19.809	184	13236	3.935	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.266	149	160822	36.656	ng	# 65

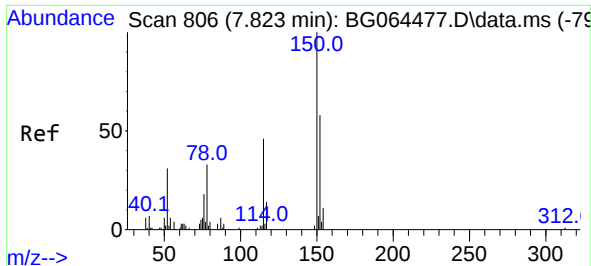
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

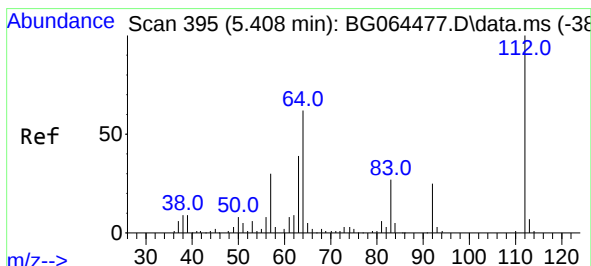
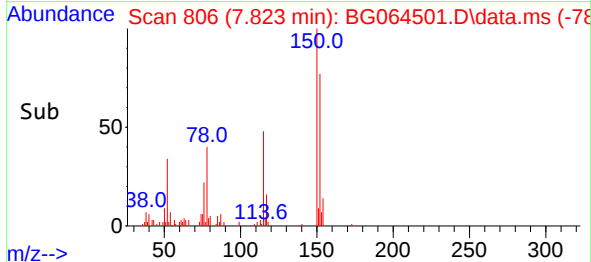
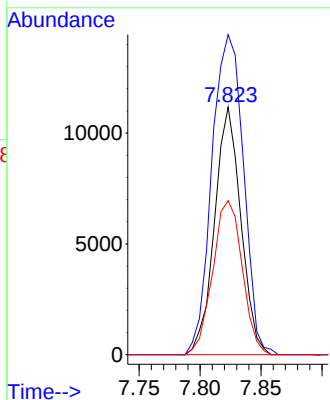
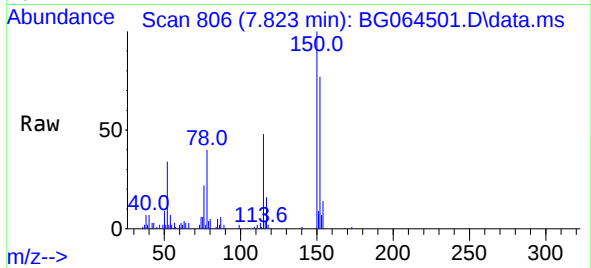




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.823 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

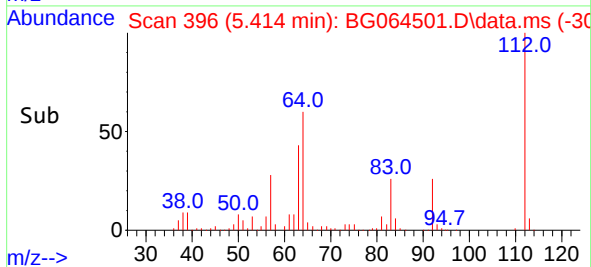
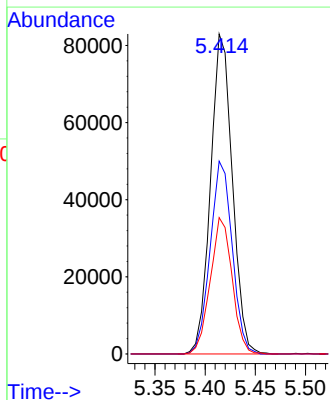
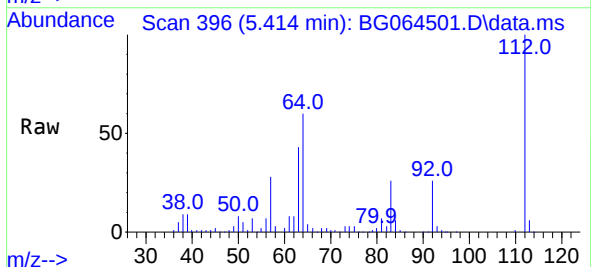
Instrument :
BNA_G
ClientSampleId :
HADLEY-ROAD-TP

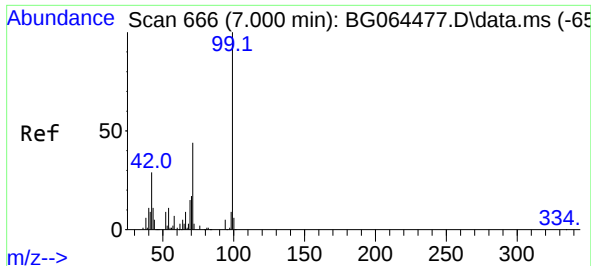
Tgt Ion:152 Resp: 16828
Ion Ratio Lower Upper
152 100
150 129.2 138.6 207.8#
115 62.2 63.4 95.2#



#5
2-Fluorophenol
Concen: 137.502 ng
RT: 5.414 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:112 Resp: 125029
Ion Ratio Lower Upper
112 100
64 60.2 49.8 74.8
63 42.6 31.3 46.9

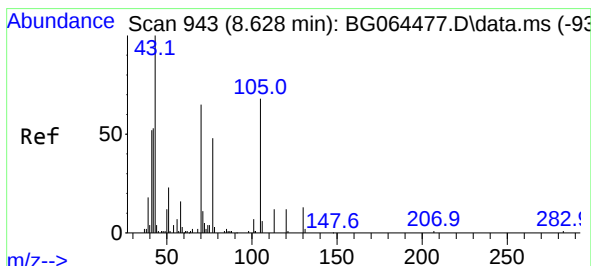
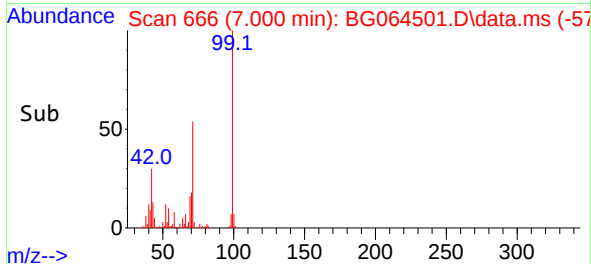
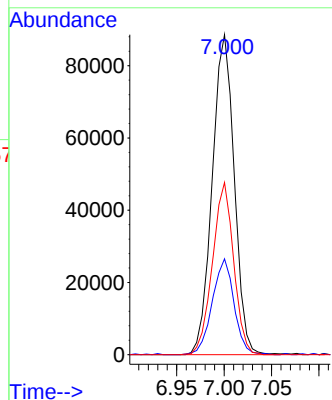
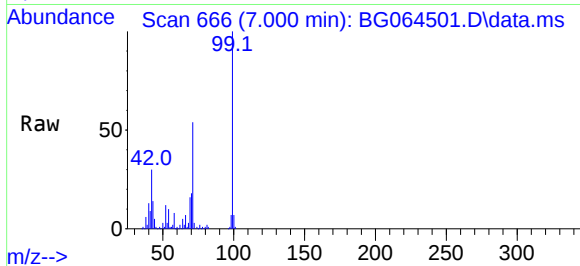




#7
Phenol-d6
Concen: 117.081 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

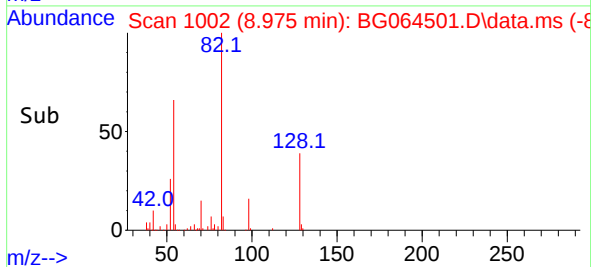
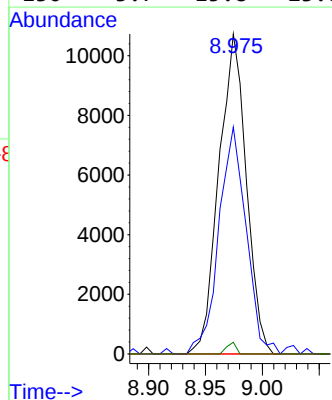
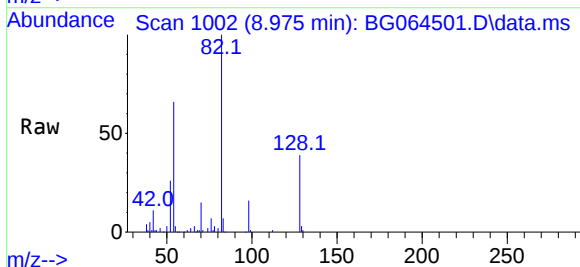
Instrument :
BNA_G
ClientSampleId :
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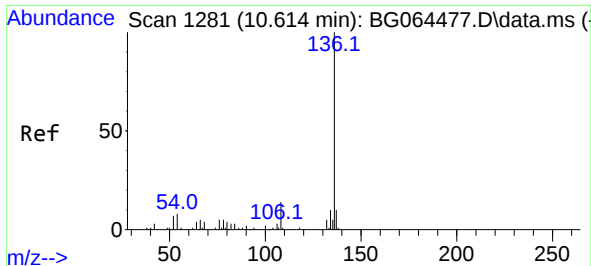
Tgt Ion: 99 Resp: 143065
Ion Ratio Lower Upper
99 100
42 29.9 22.9 34.3
71 53.8 35.4 53.2#



#19
n-Nitroso-di-n-propylamine
Concen: 22.014 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.361 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion: 70 Resp: 17990
Ion Ratio Lower Upper
70 100
42 70.9 64.9 97.3
101 0.0 8.7 13.1#
130 3.7 15.8 23.8#

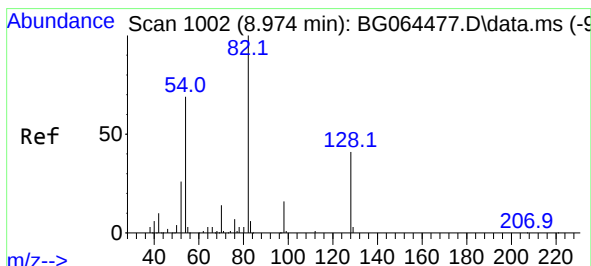
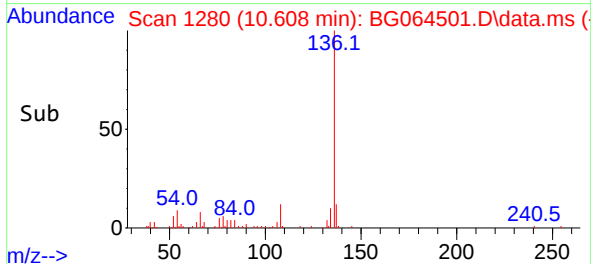
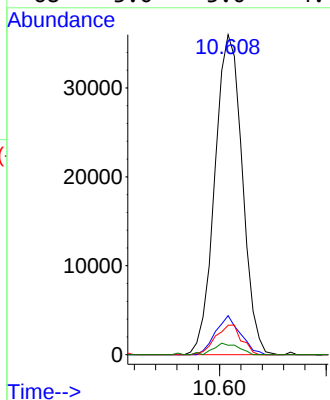
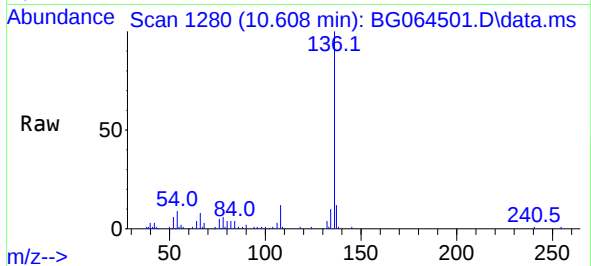




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

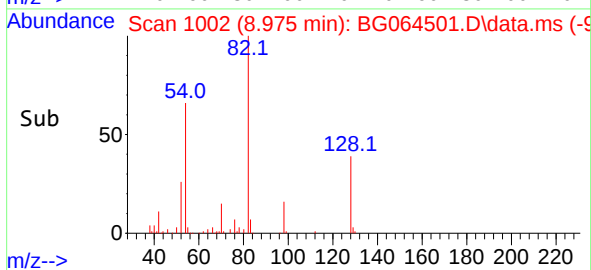
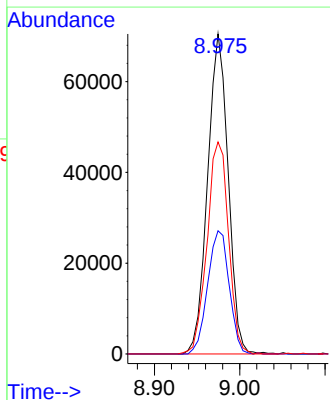
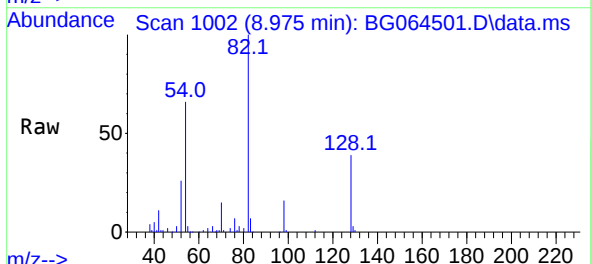
Instrument :
BNA_G
ClientSampleId :
HADLEY-ROAD-TP

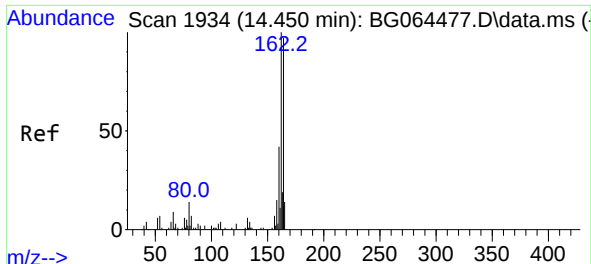
Tgt Ion:	136	Resp:	64240
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.3	12.5
54	9.2	6.2	9.4
68	3.0	3.0	4.4



#23
Nitrobenzene-d5
Concen: 99.036 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.008 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:	82	Resp:	118320
Ion Ratio	Lower	Upper	
82	100		
128	38.5	33.1	49.7
54	66.3	55.4	83.2

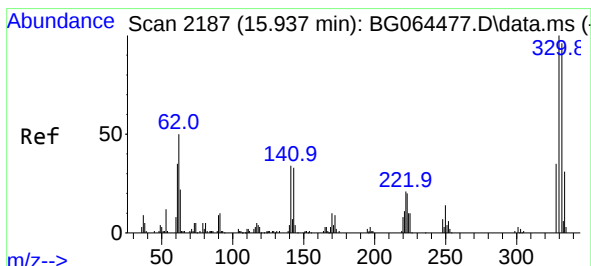
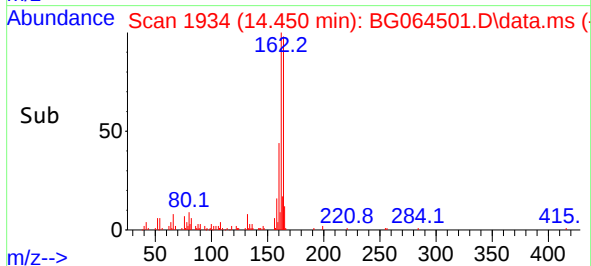
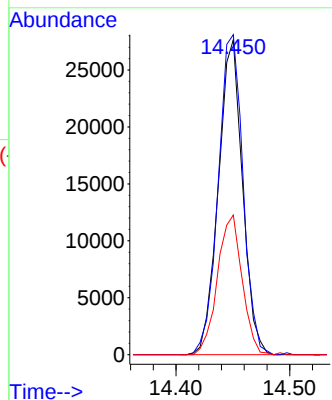
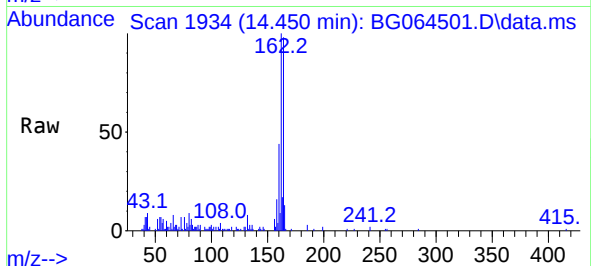




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.450 min Scan# 1934
Delta R.T. 0.002 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

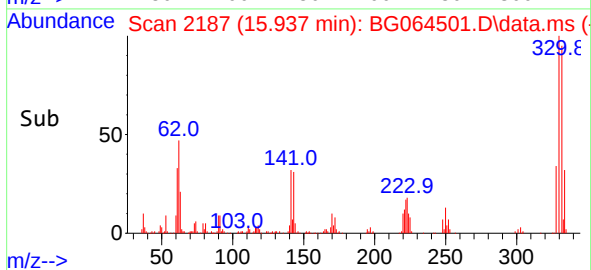
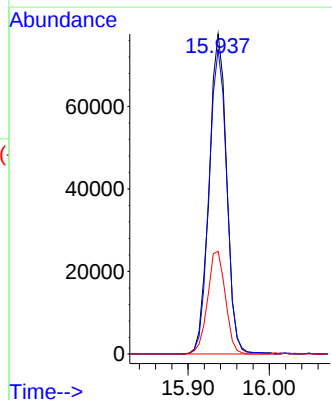
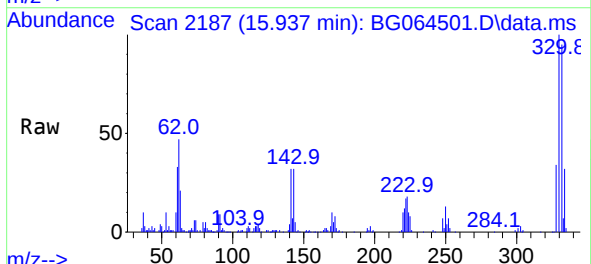
Instrument :
BNA_G
ClientSampleId :
HADLEY-ROAD-TP

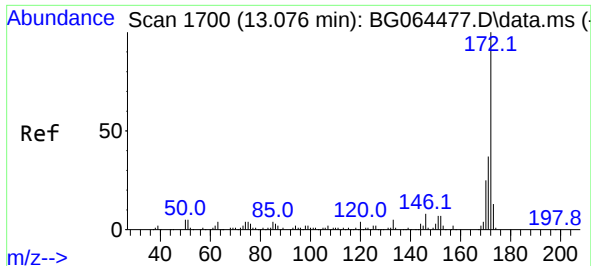
Tgt Ion:164 Resp: 40733
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 44.4 34.3 51.5



#42
2,4,6-Tribromophenol
Concen: 157.170 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:330 Resp: 116045
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 32.5 25.8 38.6

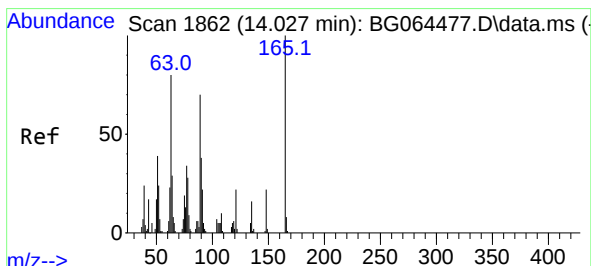
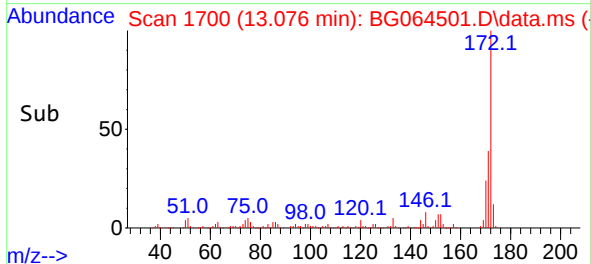
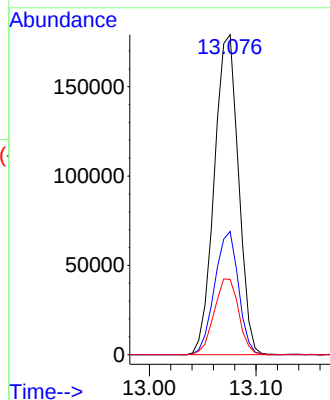
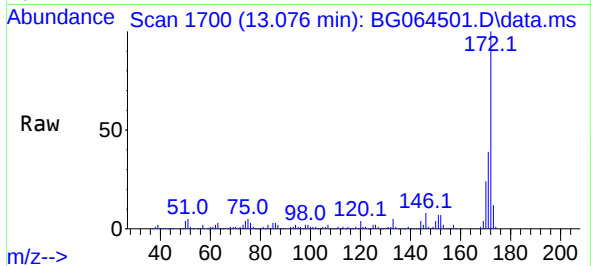




#45
2-Fluorobiphenyl
Concen: 102.106 ng
RT: 13.076 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

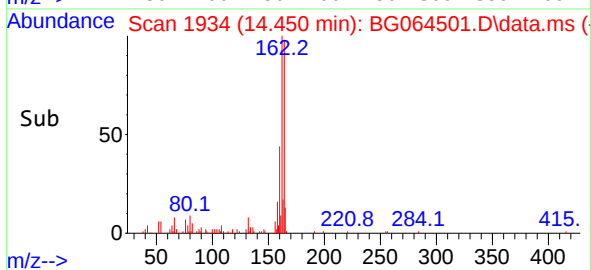
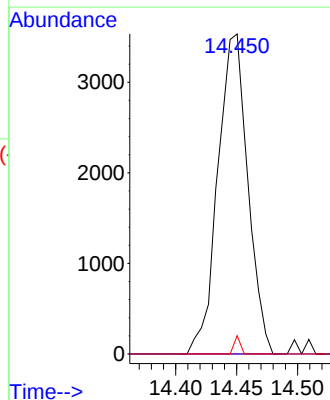
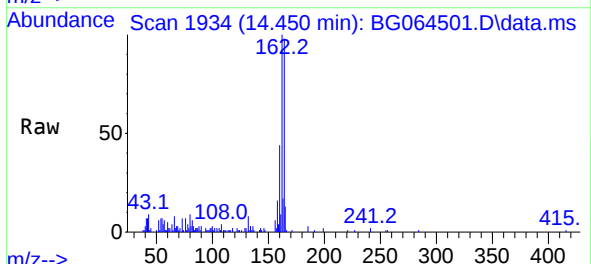
Instrument :
BNA_G
ClientSampleId :
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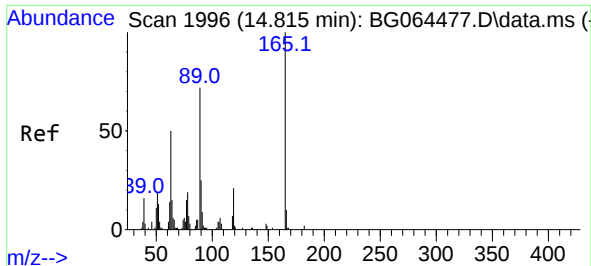
Tgt Ion:172 Resp: 282163
Ion Ratio Lower Upper
172 100
171 38.5 29.6 44.4
170 23.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 9.123 ng
RT: 14.450 min Scan# 1934
Delta R.T. 0.431 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:165 Resp: 6063
Ion Ratio Lower Upper
165 100
63 0.0 63.9 95.9#
89 5.7 56.1 84.1#

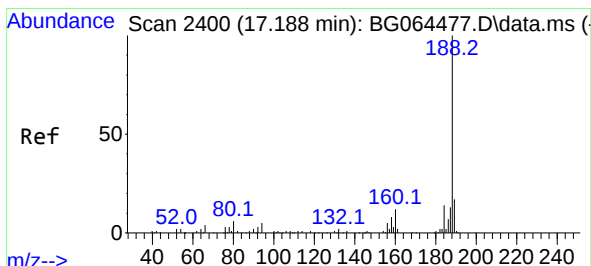
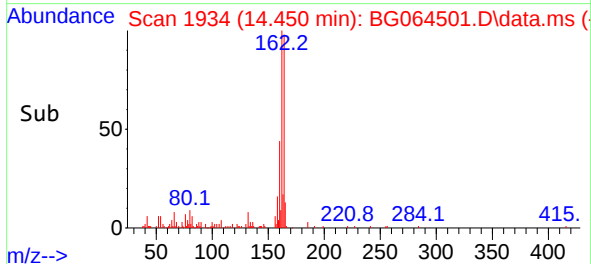
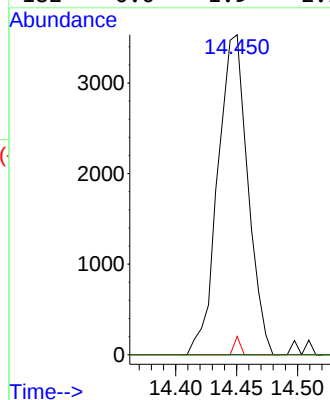
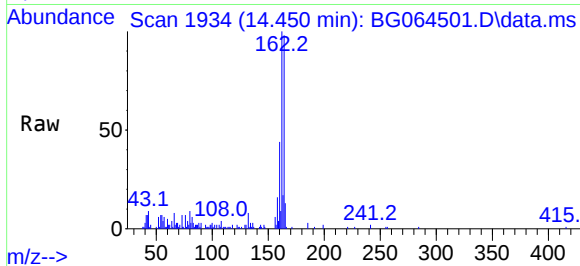




#57
2,4-Dinitrotoluene
Concen: 5.968 ng
RT: 14.450 min Scan# 1996
Delta R.T. -0.362 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

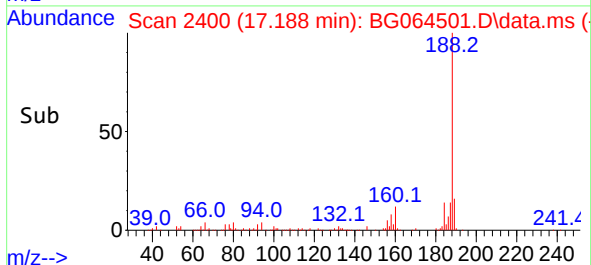
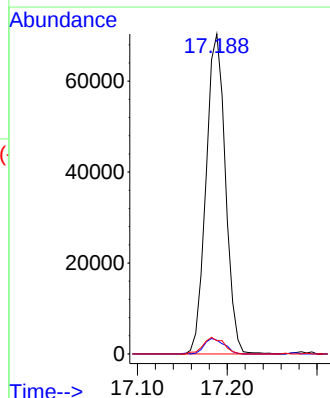
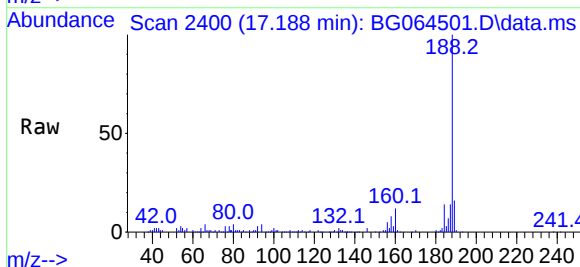
Instrument :
BNA_G
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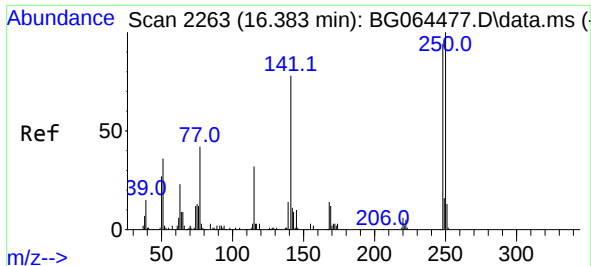
Tgt Ion:	165	Resp:	6063
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	5.7	57.3	85.9#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:	188	Resp:	105490
Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.7	5.5
80	4.2	4.5	6.7#

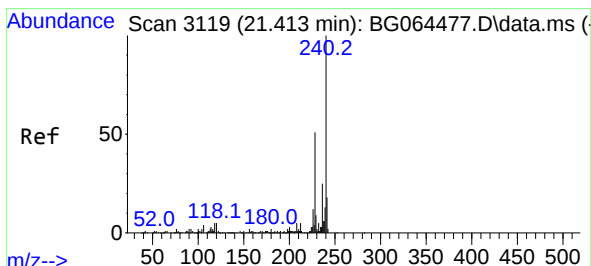
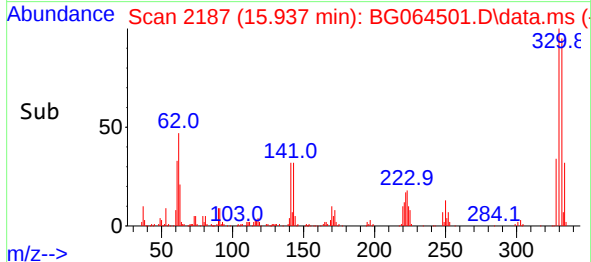
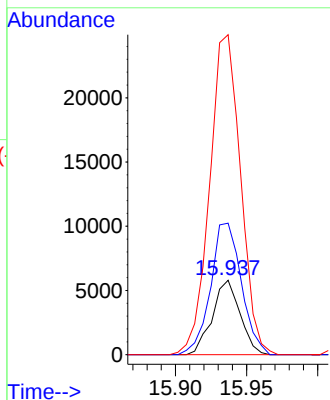
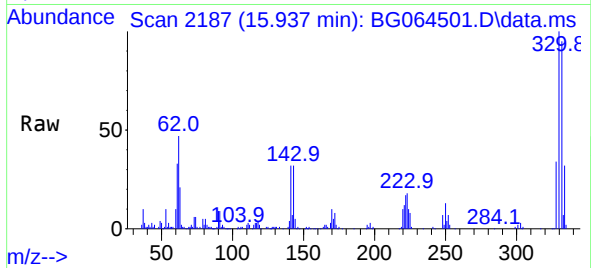




#67
4-Bromophenyl-phenylether
Concen: 6.322 ng
RT: 15.937 min Scan# 2187
Delta R.T. -0.444 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

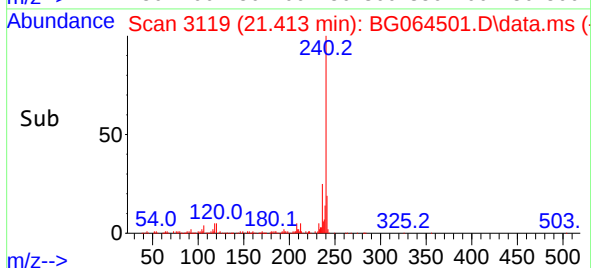
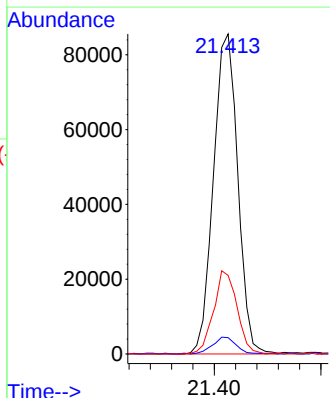
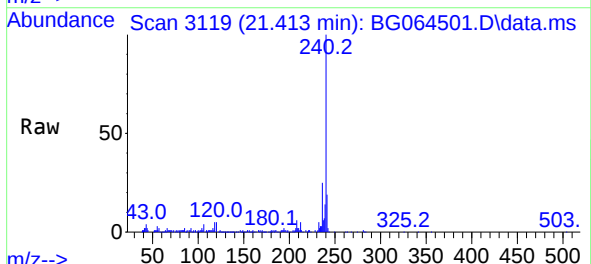
Instrument :
BNA_G
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HADLEY-ROAD-TP

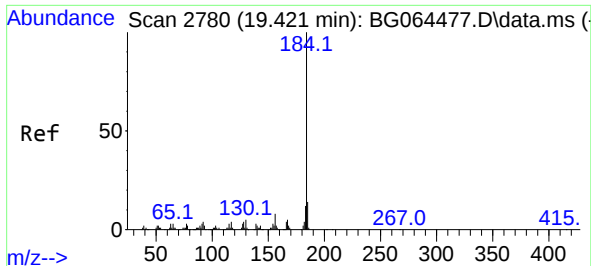
Tgt Ion:248 Resp: 7848
Ion Ratio Lower Upper
248 100
250 176.6 85.3 127.9#
141 429.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:240 Resp: 135165
Ion Ratio Lower Upper
240 100
120 5.1 4.3 6.5
236 24.6 20.4 30.6

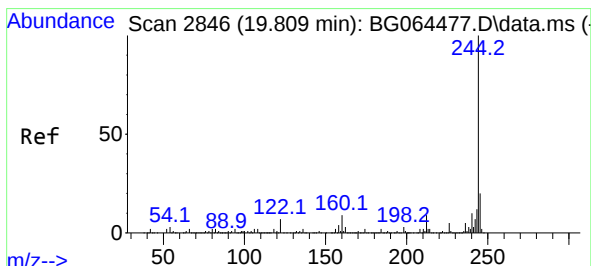
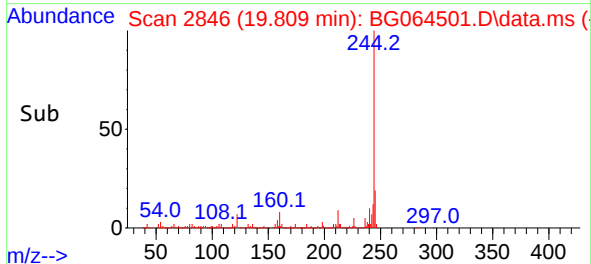
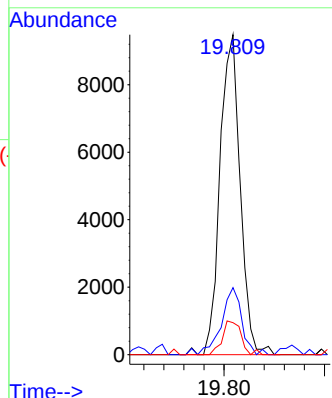
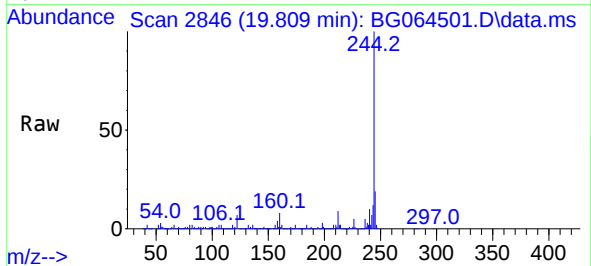




#77
Benzidine
Concen: 3.935 ng
RT: 19.809 min Scan# 2846
Delta R.T. 0.384 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

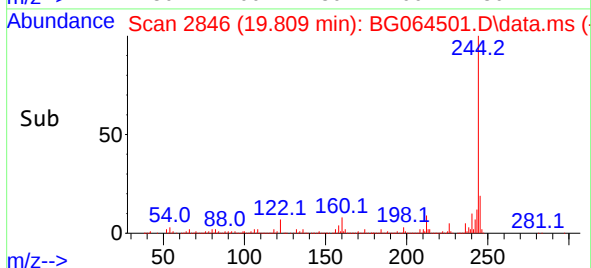
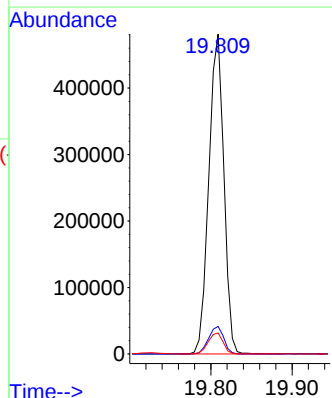
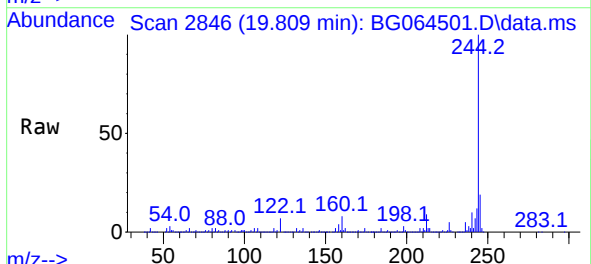
Instrument :
BNA_G
ClientSampleId :
HADLEY-ROAD-TP

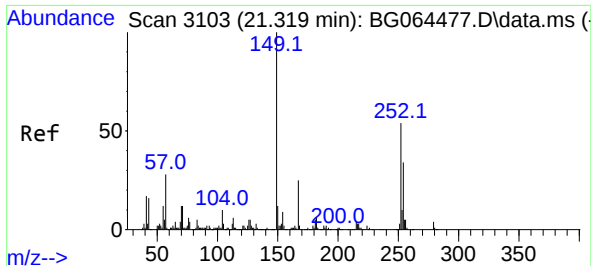
Tgt Ion:184 Resp: 13236
Ion Ratio Lower Upper
184 100
185 20.9 10.9 16.3#
183 10.0 9.8 14.6



#79
Terphenyl-d14
Concen: 86.363 ng
RT: 19.809 min Scan# 2846
Delta R.T. 0.002 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:244 Resp: 616814
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.6
122 6.5 5.6 8.4

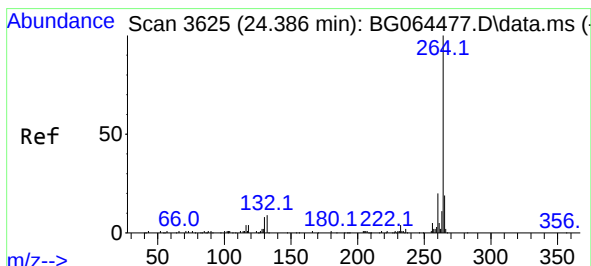
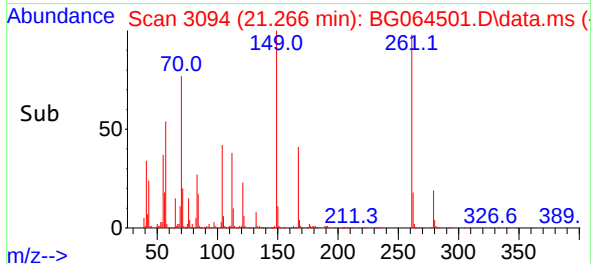
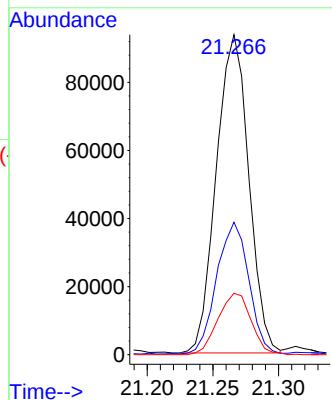
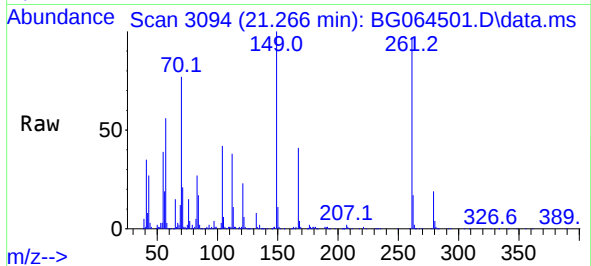




#84
Bis(2-ethylhexyl)phthalate
Concen: 36.656 ng
RT: 21.266 min Scan# 3094
Delta R.T. -0.050 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Instrument :
BNA_G
ClientSampleId :
HADLEY-ROAD-TP

Tgt Ion:149 Resp: 160822
Ion Ratio Lower Upper
149 100
167 41.4 19.7 29.5#
279 19.2 3.4 5.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3625
Delta R.T. -0.003 min
Lab File: BG064501.D
Acq: 14 Oct 2025 15:31

Tgt Ion:264 Resp: 149134
Ion Ratio Lower Upper
264 100
260 24.5 16.2 24.4#
265 23.3 15.0 22.4#

