Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064945.D
Acq On : 11 Dec 2025 22:20
Operator : RC/JU
Sample : Q3826-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Dec 11 22:56:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	19181	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	68312	20.000	ng	#-0.02
39) Acenaphthene-d10	14.763	164	59786	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	162903	20.000	ng	# 0.00
76) Chrysene-d12	21.743	240	214818	20.000	ng	#-0.01
86) Perylene-d12	24.998	264	236191	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	119961	109.211	ng	0.00
7) Phenol-d6	7.301	99	137604	94.187	ng	0.00
23) Nitrobenzene-d5	9.316	82	109185	79.026	ng	-0.01
42) 2,4,6-Tribromophenol	16.238	330	202479	173.651	ng	-0.01
45) 2-Fluorobiphenyl	13.394	172	358368	83.639	ng	-0.01
79) Terphenyl-d14	20.080	244	1108334	101.490	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.229	88	1072	2.521	ng	# 1
19) n-Nitroso-di-n-propyla...	9.310	70	14978	15.163	ng	# 71
51) 2,6-Dinitrotoluene	14.763	165	7642	8.409	ng	# 23
57) 2,4-Dinitrotoluene	14.763	165	7642	5.609	ng	# 26
67) 4-Bromophenyl-phenylether	16.238	248	11929	5.576	ng	# 1
77) Benzidine	20.080	184	15421	2.397	ng	96

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

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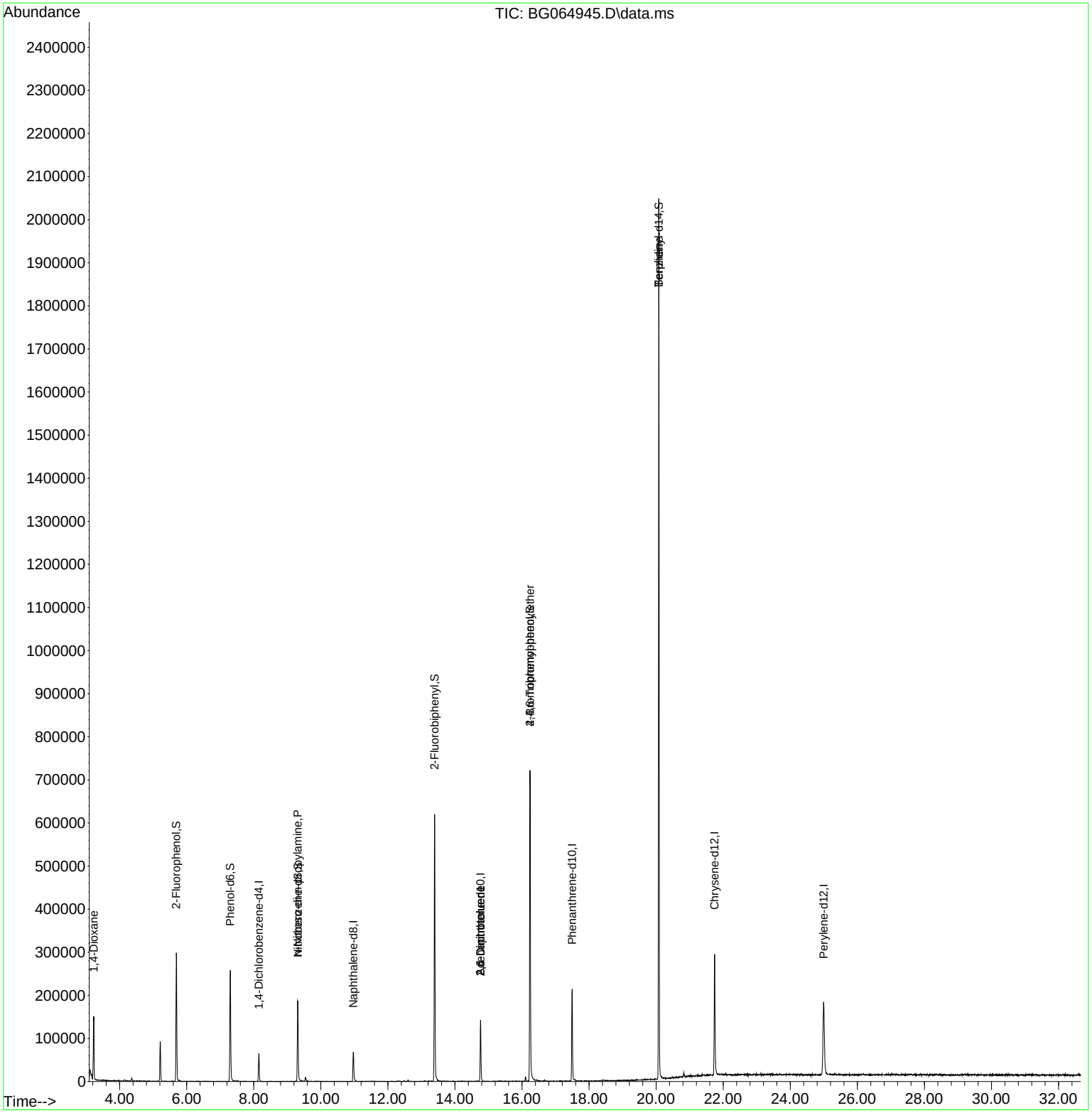
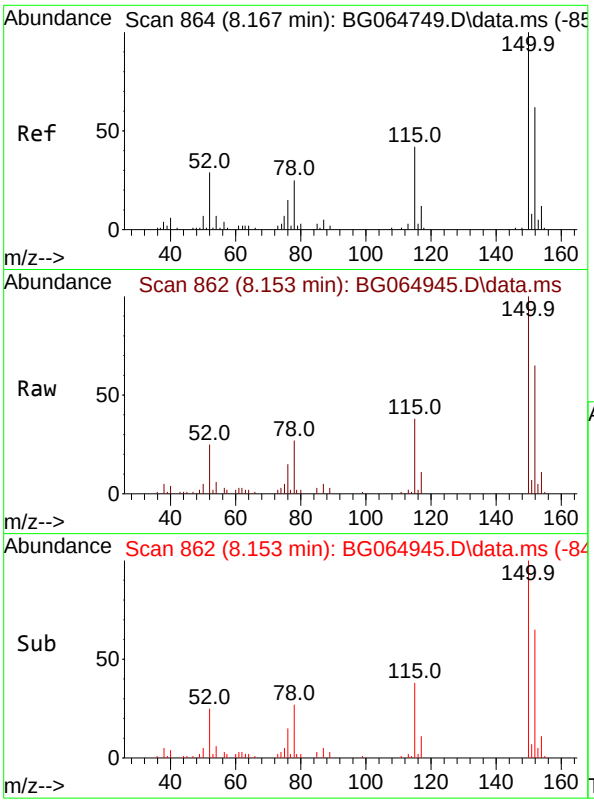


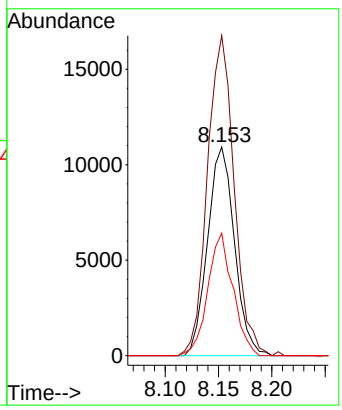


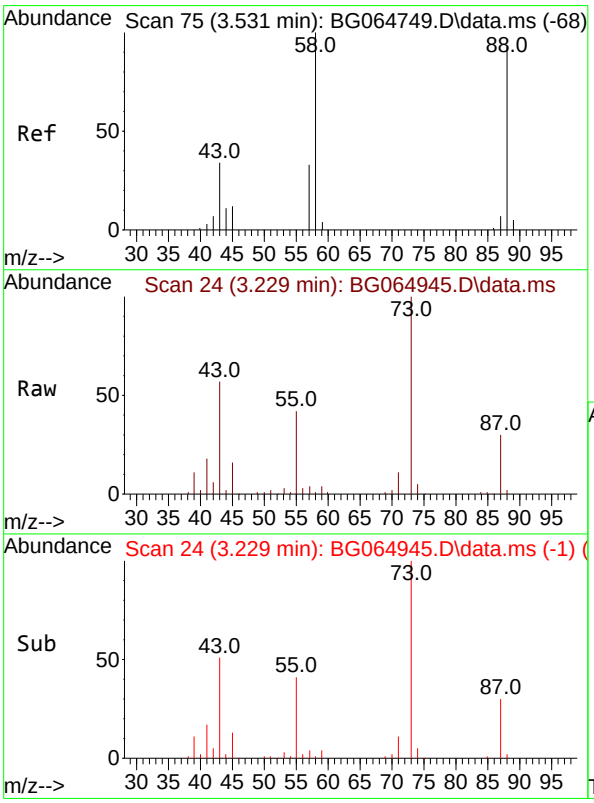
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 8
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 19181

Ion	Ratio	Lower	Upper
152	100		
150	153.4	129.2	193.8
115	58.8	53.7	80.5

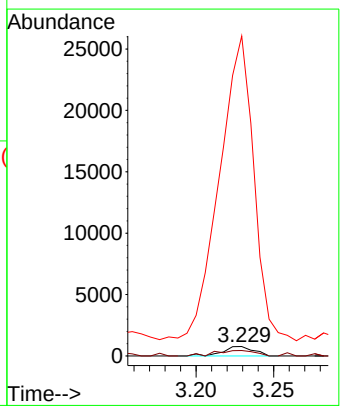


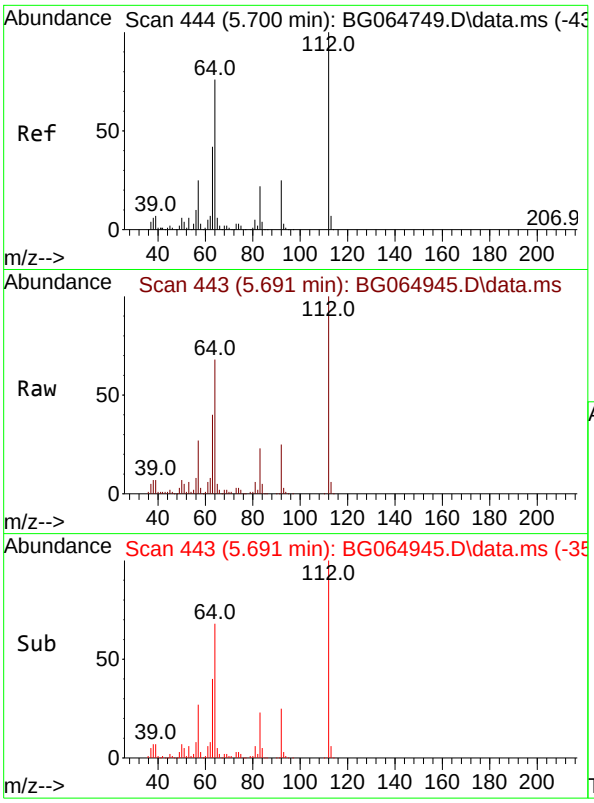


#2
1,4-Dioxane
Concen: 2.521 ng
RT: 3.229 min Scan# 24
Delta R.T. -0.302 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion: 88 Resp: 1072

Ion	Ratio	Lower	Upper
88	100		
58	74.4	84.6	126.8#
43	3563.4	30.0	45.0#



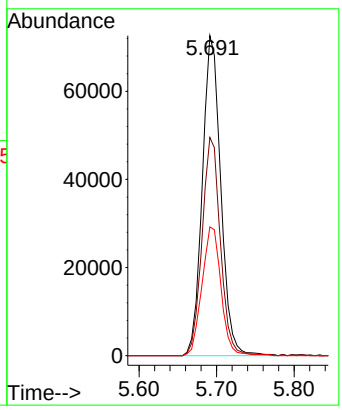


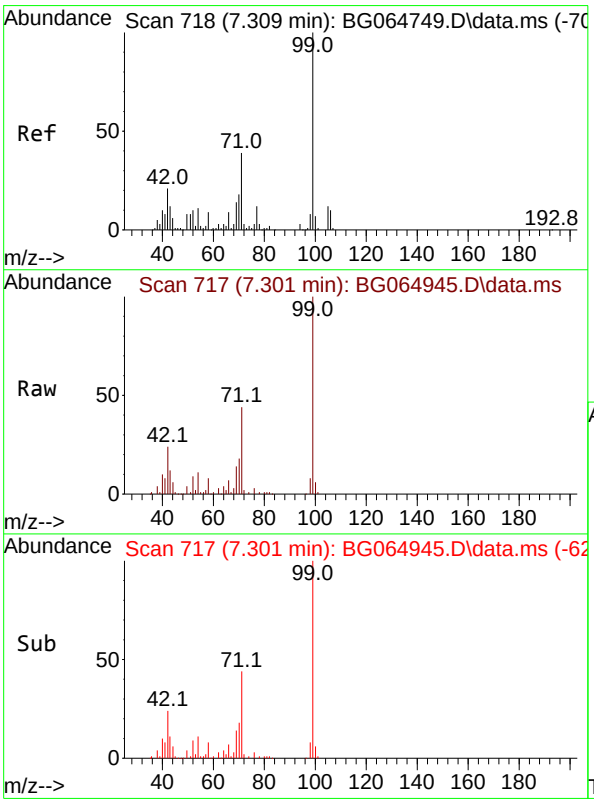
#5
2-Fluorophenol
Concen: 109.211 ng
RT: 5.691 min Scan# 44
Delta R.T. -0.008 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:112 Resp: 119961

Ion	Ratio	Lower	Upper
112	100		
64	68.2	61.0	91.4
63	40.2	33.3	49.9

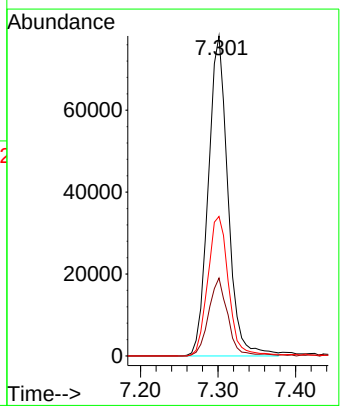


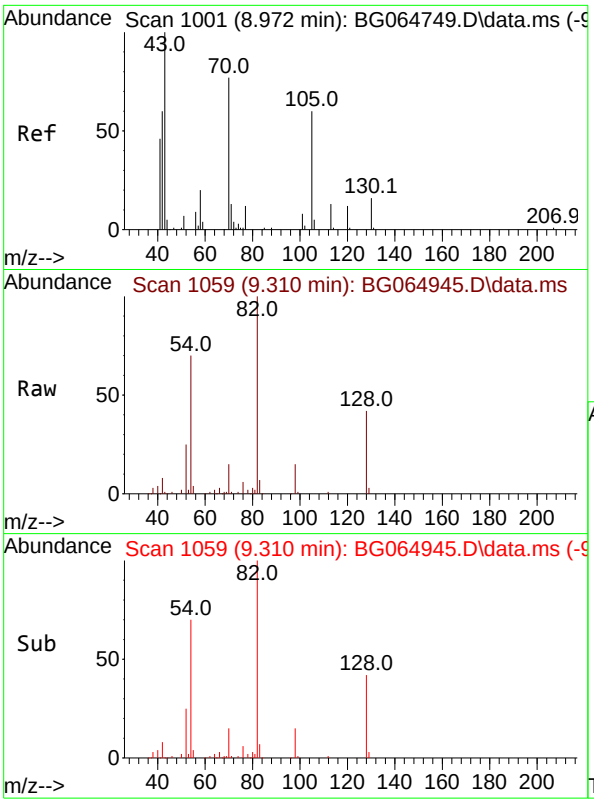


#7
Phenol-d6
Concen: 94.187 ng
RT: 7.301 min Scan# 717
Delta R.T. -0.008 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion: 99 Resp: 137604

Ion	Ratio	Lower	Upper
99	100		
42	24.3	16.8	25.2
71	43.6	31.1	46.7



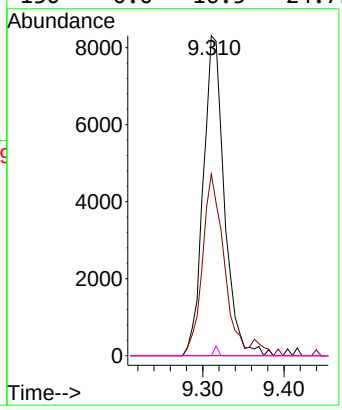


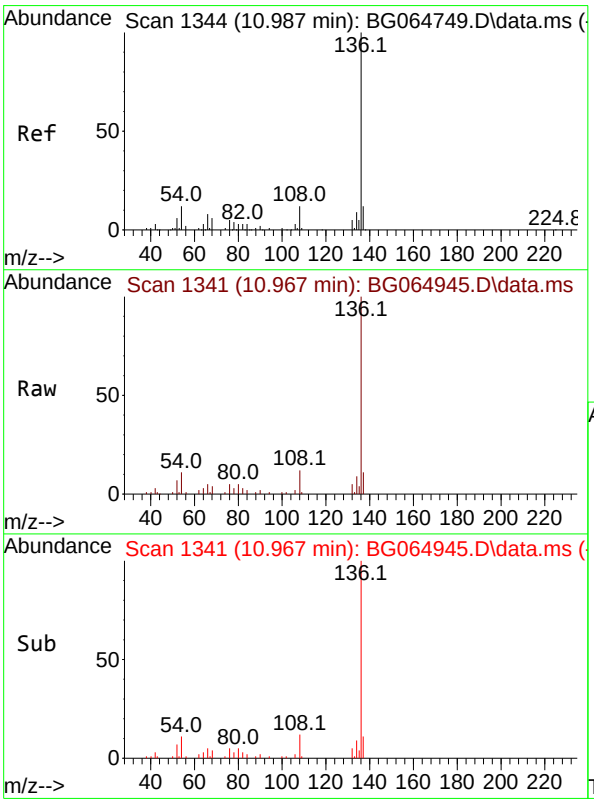
#19
n-Nitroso-di-n-propylamine
Concen: 15.163 ng
RT: 9.310 min Scan# 1
Delta R.T. 0.338 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 70 Resp: 14978

Ion	Ratio	Lower	Upper
70	100		
42	56.7	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#

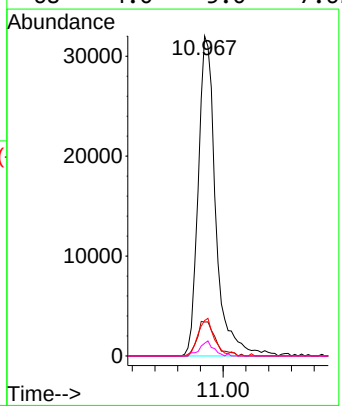


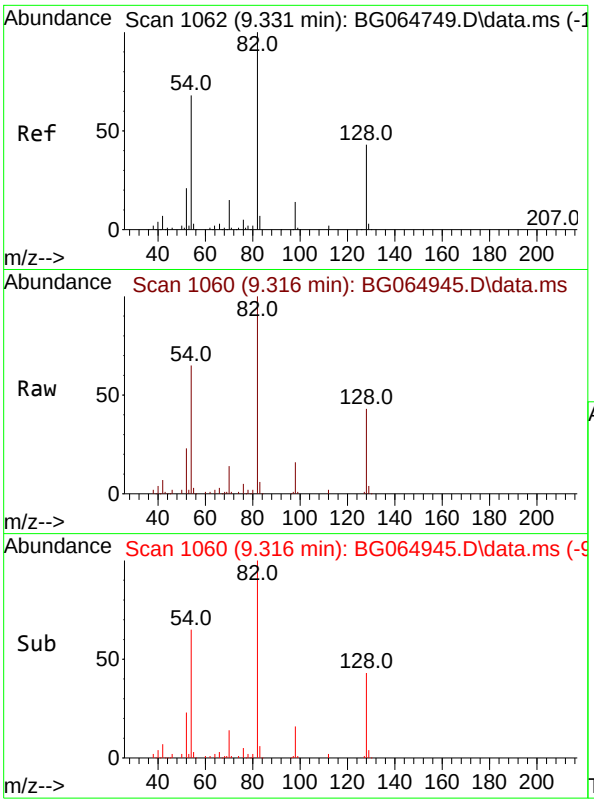


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 1341
Delta R.T. -0.020 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion:136 Resp: 68312

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	11.1	9.3	13.9
68	4.0	5.0	7.6#



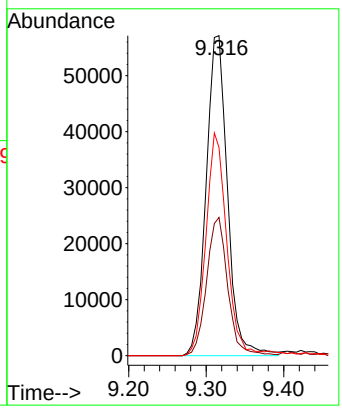


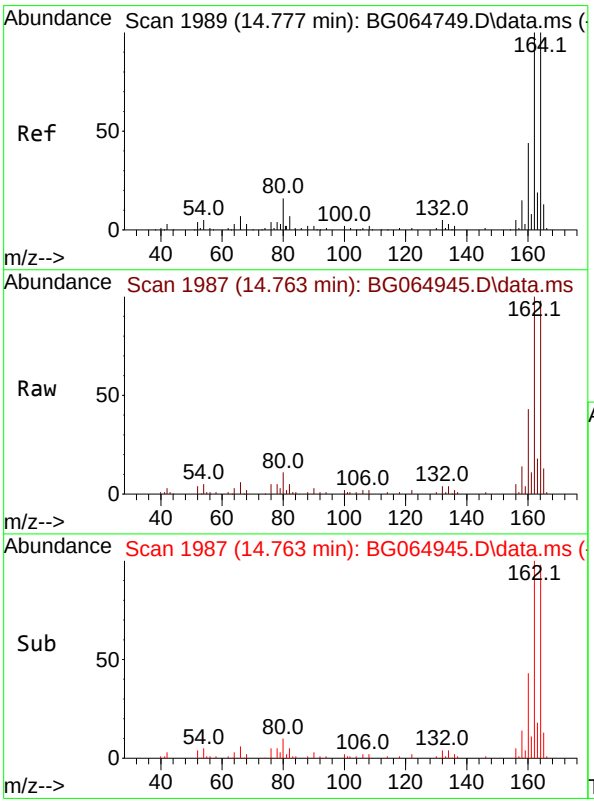
#23
Nitrobenzene-d5
Concen: 79.026 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 109185

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.1	51.1
54	65.0	54.3	81.5

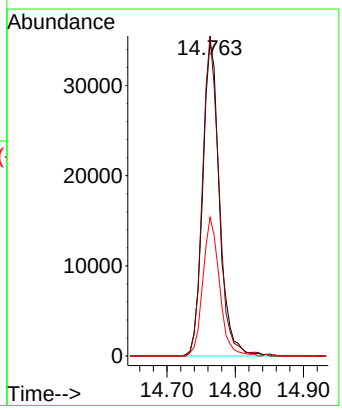


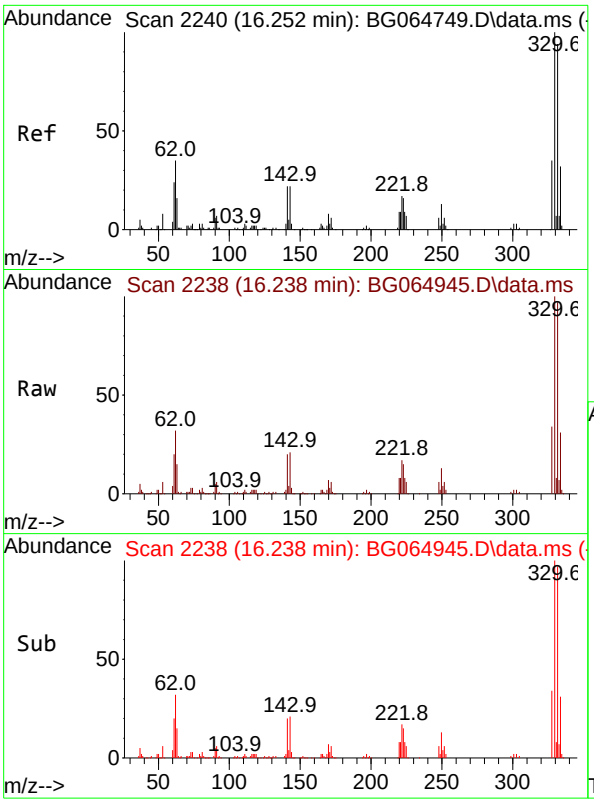


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.763 min Scan# 1987
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion:164 Resp: 59786

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.8	119.6
160	44.1	34.9	52.3



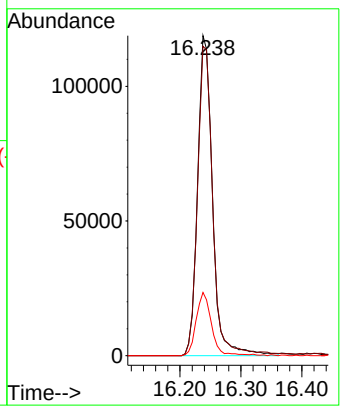


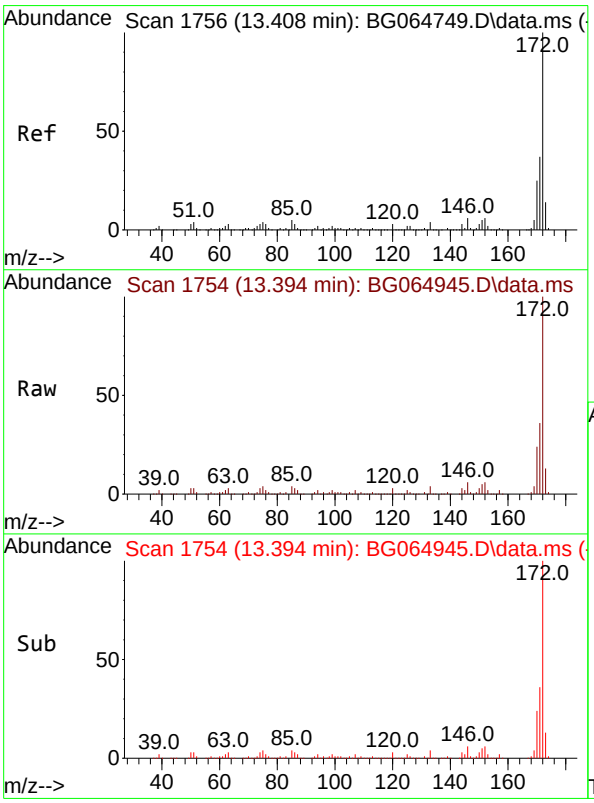
#42
2,4,6-Tribromophenol
Concen: 173.651 ng
RT: 16.238 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:330 Resp: 202479

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	20.3	18.2	27.2

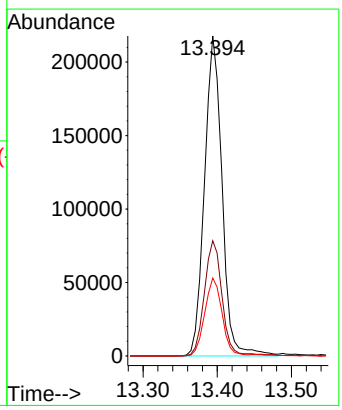


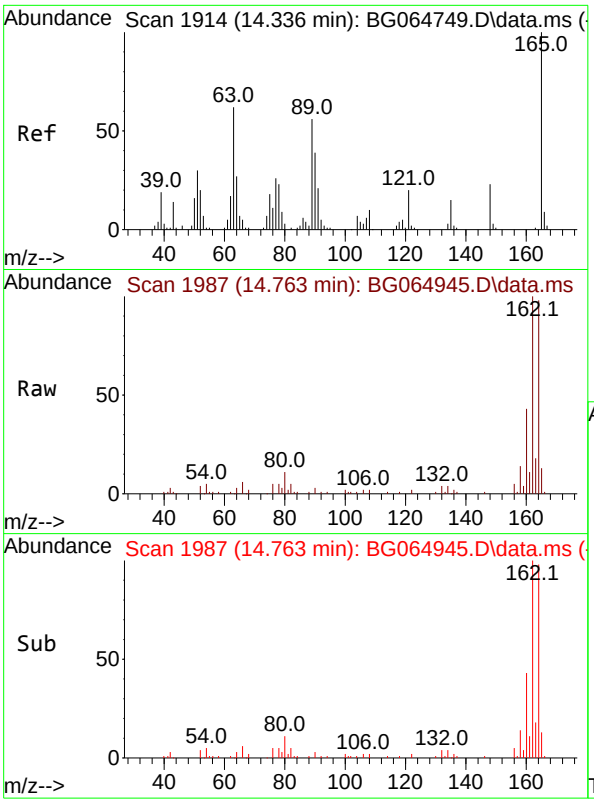


#45
2-Fluorobiphenyl
Concen: 83.639 ng
RT: 13.394 min Scan# 1754
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion:172 Resp: 358368

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	24.3	19.8	29.6



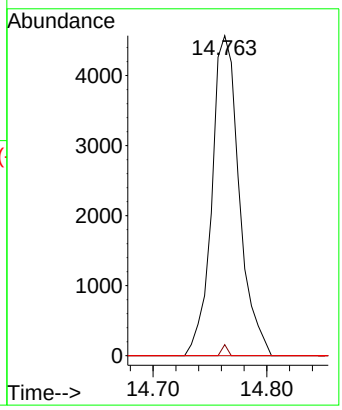


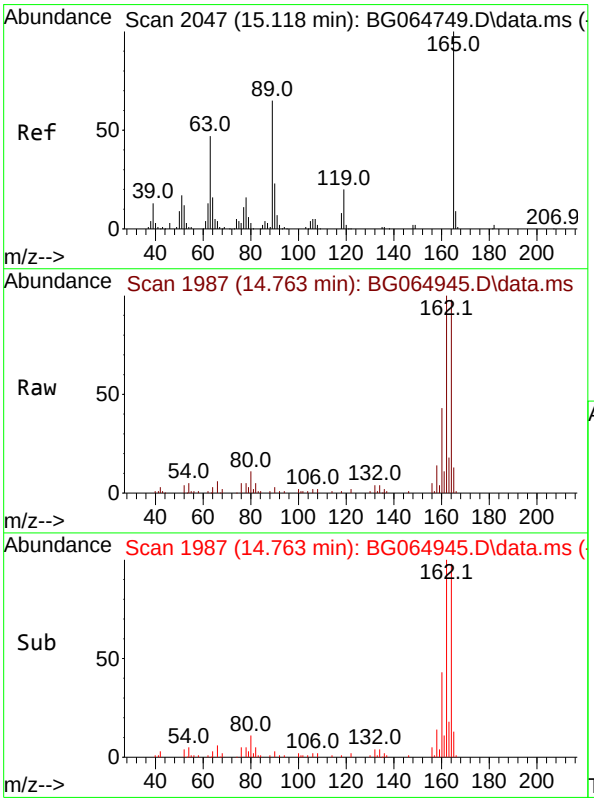
#51
2,6-Dinitrotoluene
Concen: 8.409 ng
RT: 14.763 min Scan# 1
Delta R.T. 0.426 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 7642

Ion	Ratio	Lower	Upper
165	100		
63	3.5	49.8	74.8#
89	0.0	45.0	67.4#

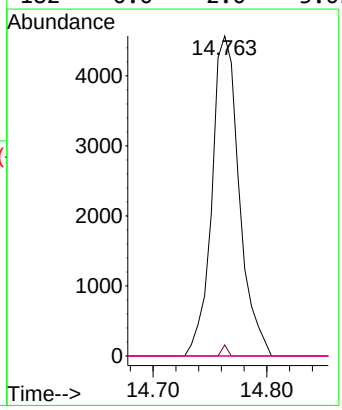


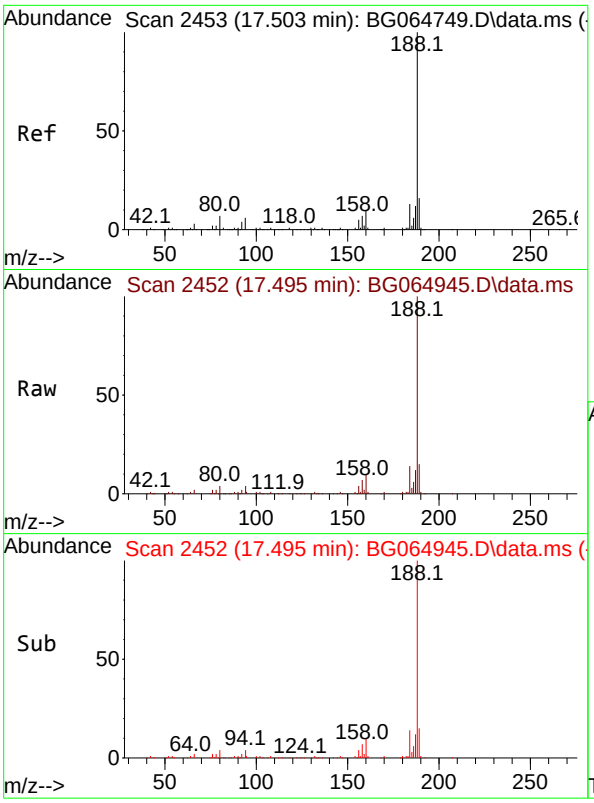


#57
2,4-Dinitrotoluene
Concen: 5.609 ng
RT: 14.763 min Scan# 1987
Delta R.T. -0.355 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion:165 Resp: 7642

Ion	Ratio	Lower	Upper
165	100		
63	3.5	37.8	56.6#
89	0.0	51.6	77.4#
182	0.0	2.0	3.0#



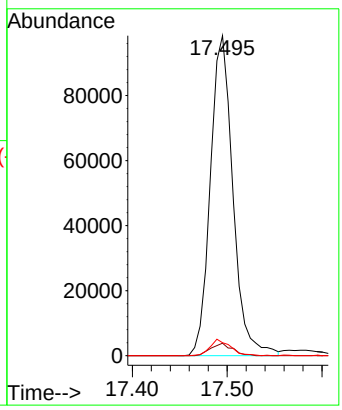


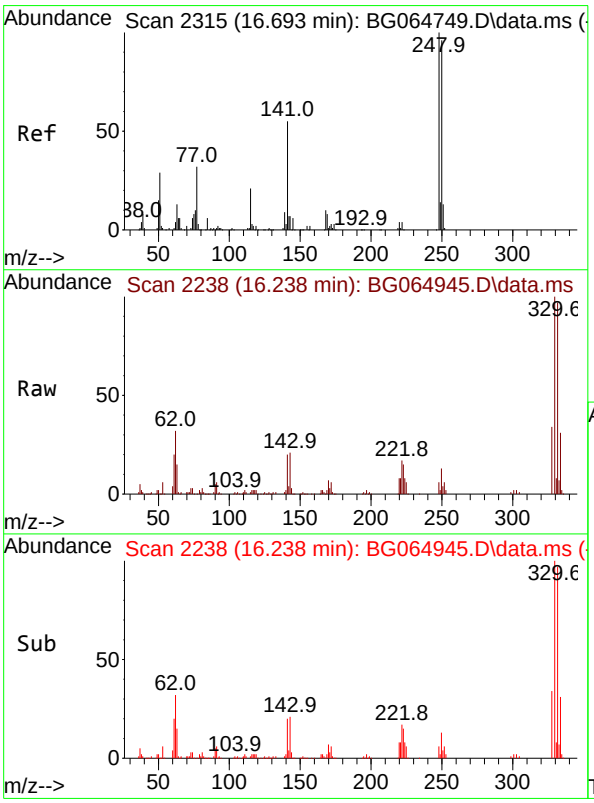
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 162903

Ion	Ratio	Lower	Upper
188	100		
94	4.4	4.7	7.1#
80	4.1	5.4	8.2#

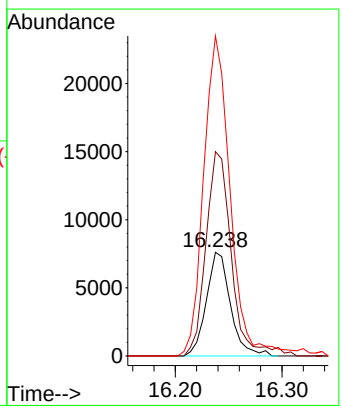


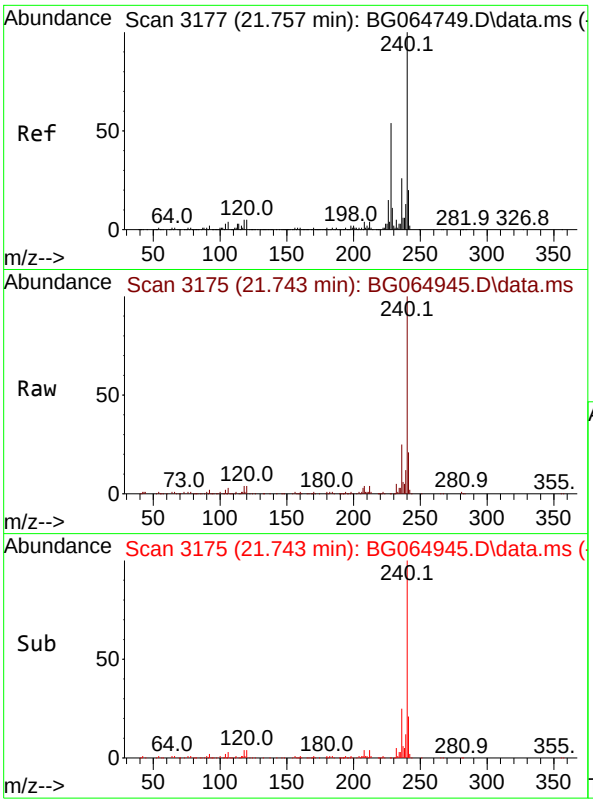


#67
4-Bromophenyl-phenylether
Concen: 5.576 ng
RT: 16.238 min Scan# 2238
Delta R.T. -0.455 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion:248 Resp: 11929

Ion	Ratio	Lower	Upper
248	100		
250	203.3	77.0	115.6#
141	240.1	43.7	65.5#



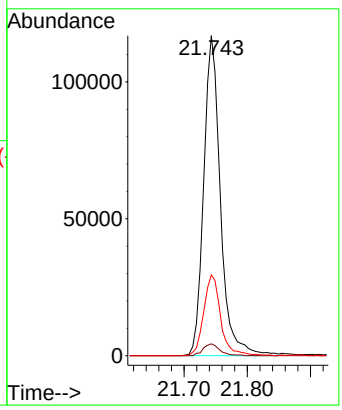


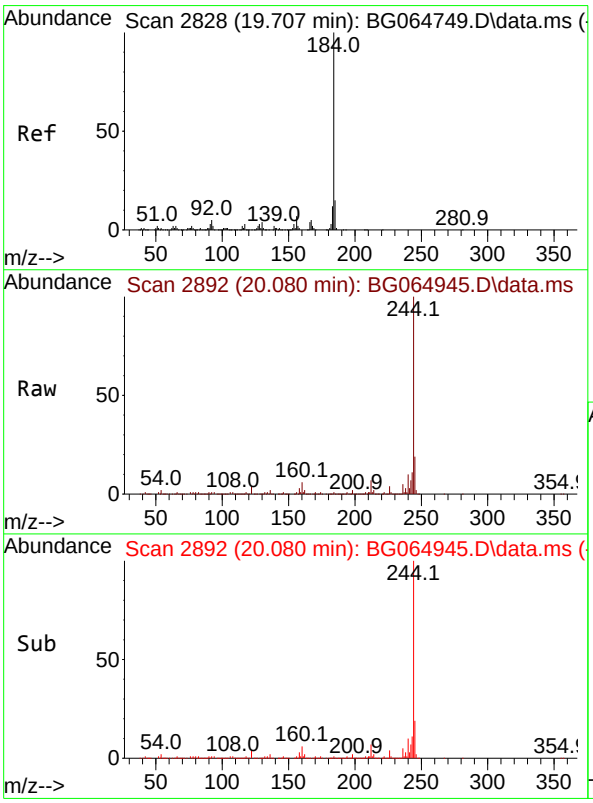
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 214818

Ion	Ratio	Lower	Upper
240	100		
120	3.7	4.2	6.4#
236	25.2	20.8	31.2

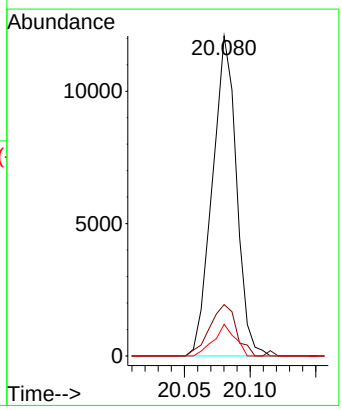


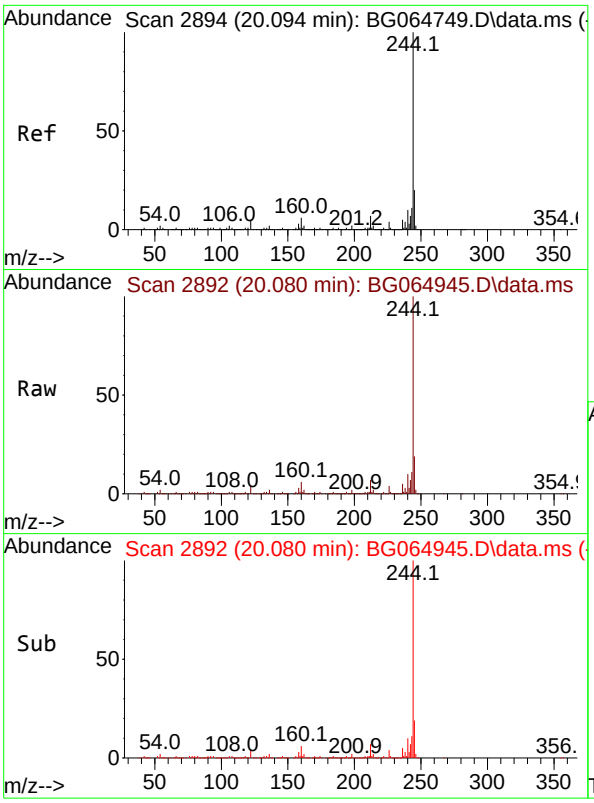


#77
Benzidine
Concen: 2.397 ng
RT: 20.080 min Scan# 2892
Delta R.T. 0.374 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion:184 Resp: 15421

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.8	17.6
183	9.9	9.8	14.6



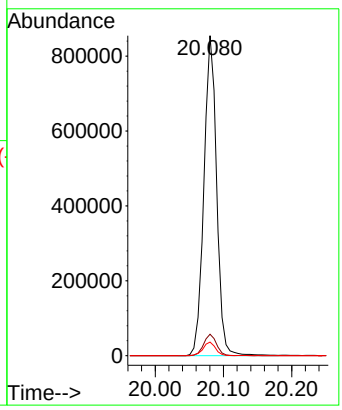


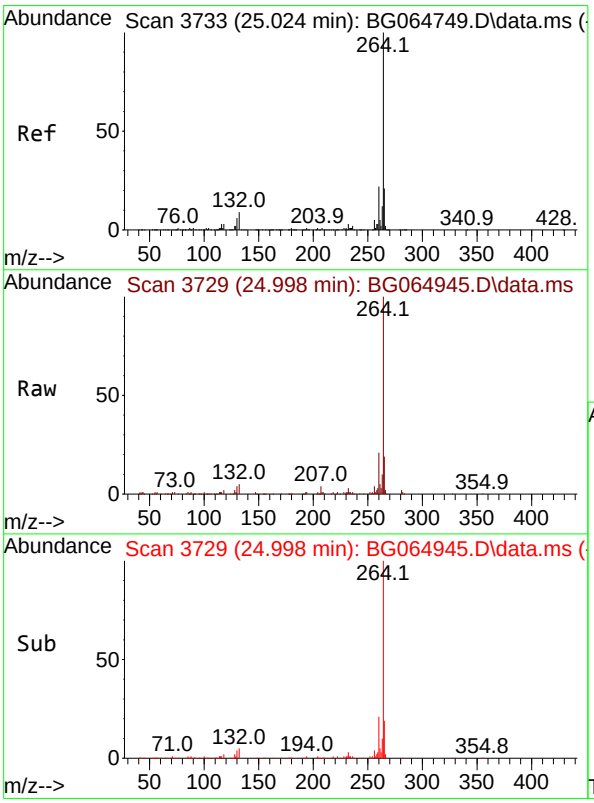
#79
Terphenyl-d14
Concen: 101.490 ng
RT: 20.080 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 1108334

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	4.3	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3729
Delta R.T. -0.026 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion:264 Resp: 236191

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.2	25.8
265	19.2	16.6	25.0