Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064943.D
Acq On : 11 Dec 2025 20:59
Operator : RC/JU
Sample : Q3814-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 11 22:43:58 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	8.150	152	19372	20.000	ng	-0.02
21) Naphthalene-d8	10.964	136	69495	20.000	ng	#-0.02
39) Acenaphthene-d10	14.766	164	61227	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	164068	20.000	ng	#-0.01
76) Chrysene-d12	21.746	240	216659	20.000	ng	#-0.01
86) Perylene-d12	25.001	264	216665	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	127022	114.499	ng	0.00
7) Phenol-d6	7.298	99	147075	99.677	ng	-0.01
23) Nitrobenzene-d5	9.313	82	113336	80.634	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	214542	179.666	ng	-0.01
45) 2-Fluorobiphenyl	13.397	172	374976	85.456	ng	-0.01
79) Terphenyl-d14	20.083	244	1097816	99.673	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	1298	3.022	ng	# 1
19) n-Nitroso-di-n-propyla...	9.313	70	16348	16.386	ng	# 71
51) 2,6-Dinitrotoluene	14.766	165	8221	8.833	ng	# 21
57) 2,4-Dinitrotoluene	14.766	165	8221	5.892	ng	# 24
67) 4-Bromophenyl-phenylether	16.240	248	12371	5.742	ng	# 1
77) Benzidine	20.083	184	15850	2.443	ng	# 92

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

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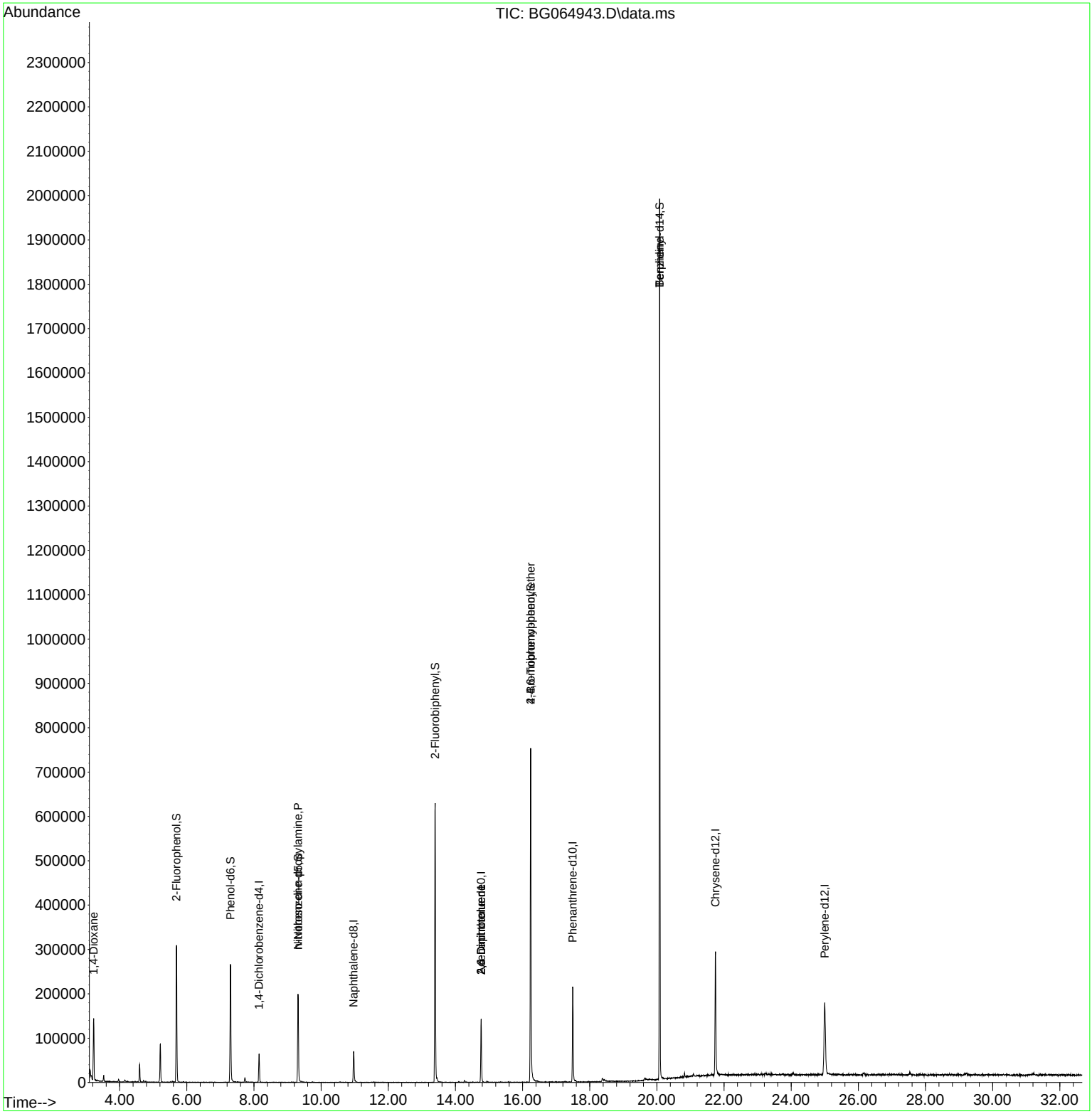
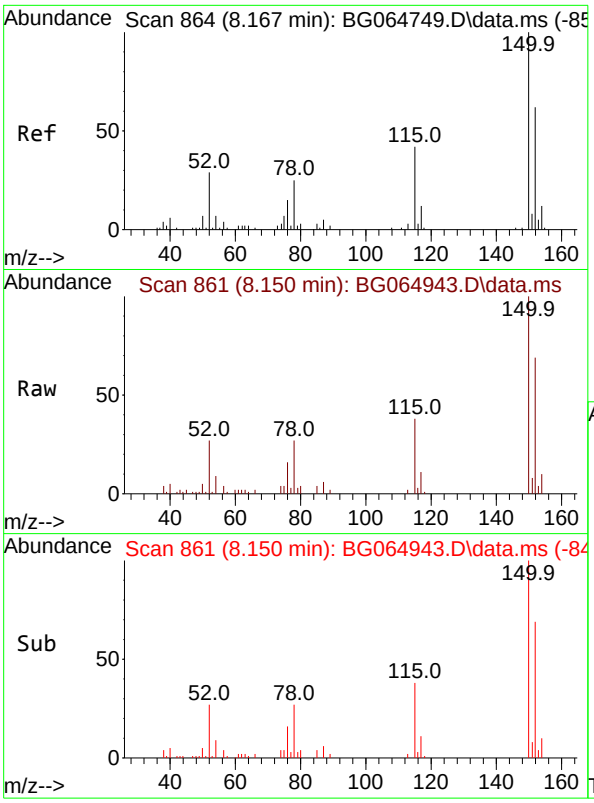


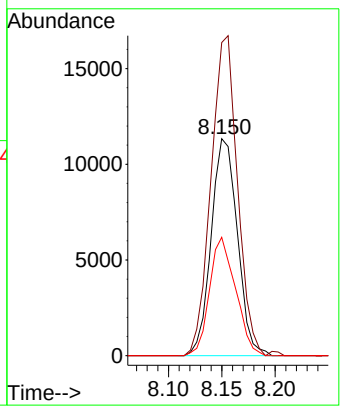


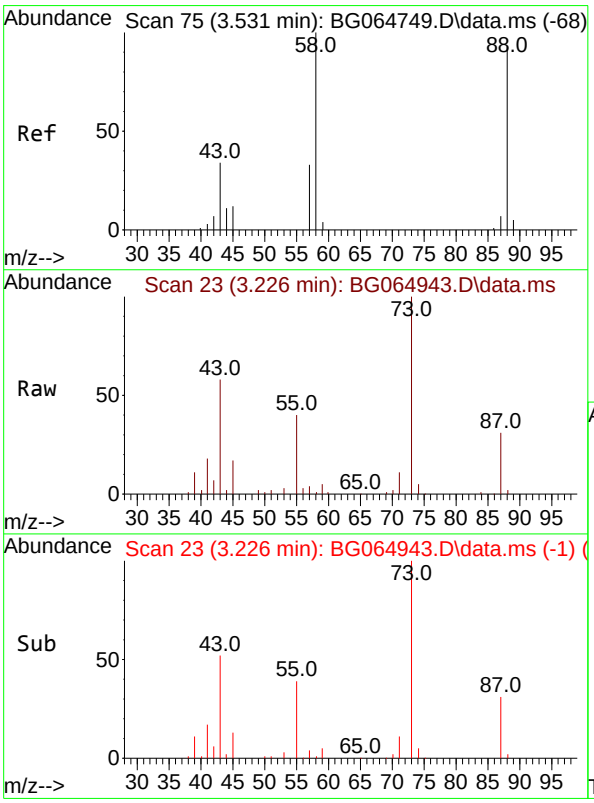
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 19372

Ion	Ratio	Lower	Upper
152	100		
150	144.3	129.2	193.8
115	54.6	53.7	80.5

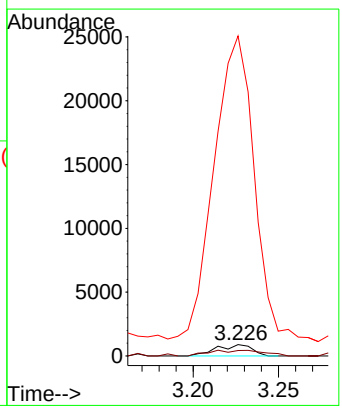


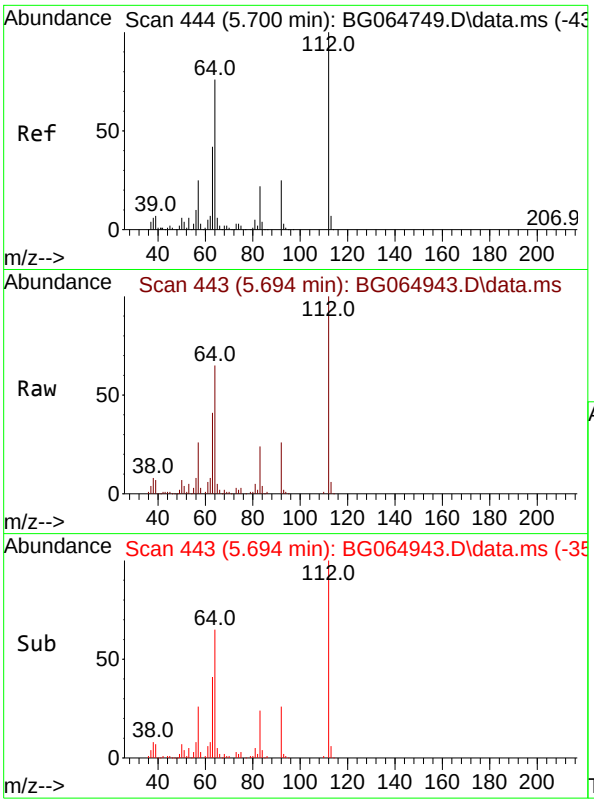


#2
1,4-Dioxane
Concen: 3.022 ng
RT: 3.226 min Scan# 23
Delta R.T. -0.305 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Tgt Ion: 88 Resp: 1298

Ion	Ratio	Lower	Upper
88	100		
58	75.7	84.6	126.8#
43	3045.0	30.0	45.0#



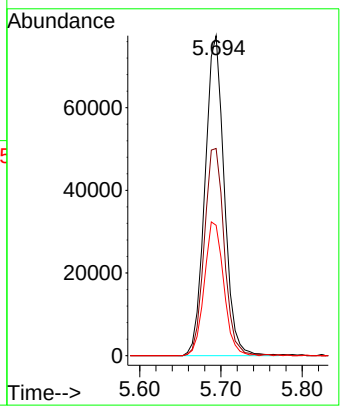


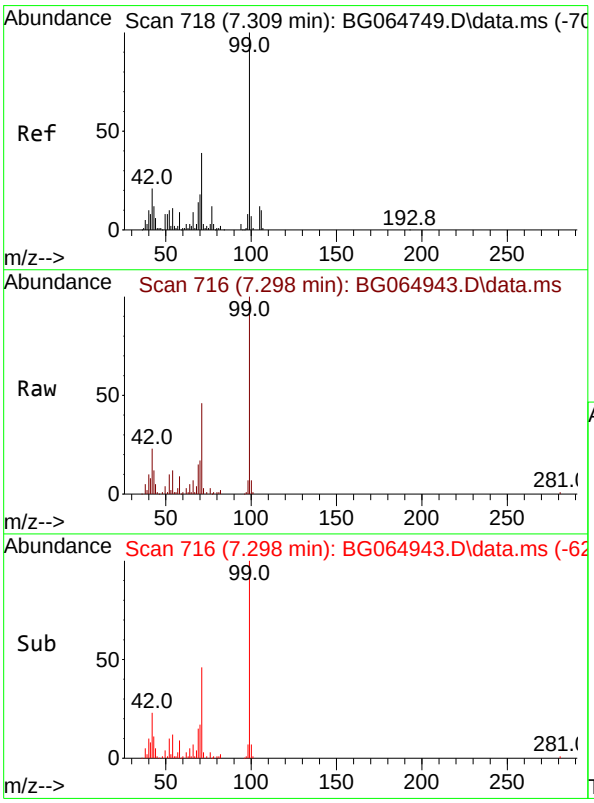
#5
2-Fluorophenol
Concen: 114.499 ng
RT: 5.694 min Scan# 44
Delta R.T. -0.006 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 127022

Ion	Ratio	Lower	Upper
112	100		
64	64.8	61.0	91.4
63	40.7	33.3	49.9

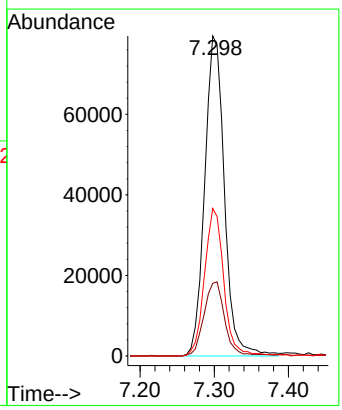


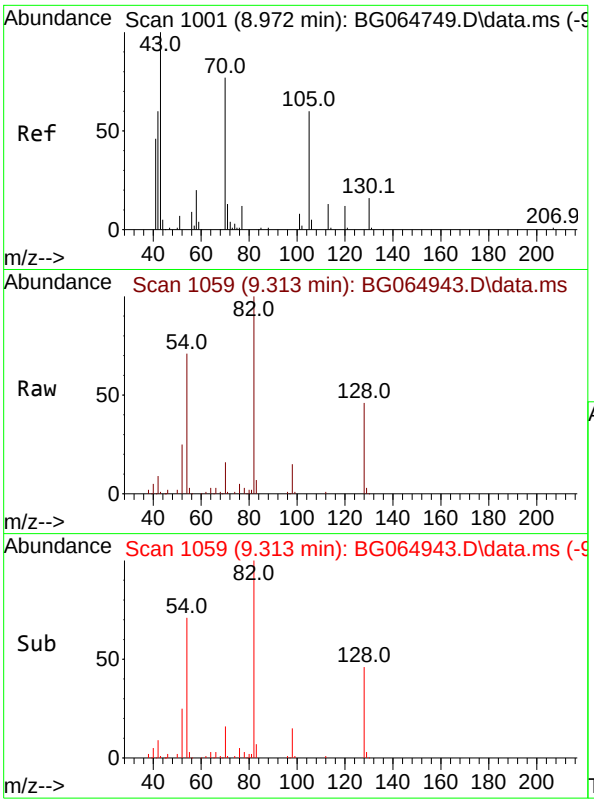


#7
Phenol-d6
Concen: 99.677 ng
RT: 7.298 min Scan# 716
Delta R.T. -0.011 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Tgt Ion: 99 Resp: 147075

Ion	Ratio	Lower	Upper
99	100		
42	22.7	16.8	25.2
71	46.1	31.1	46.7



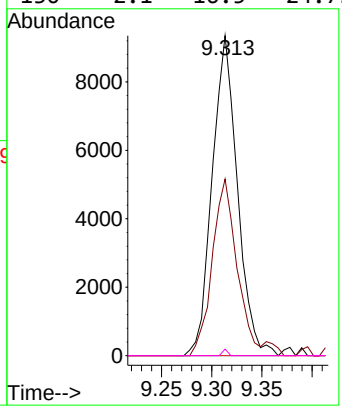


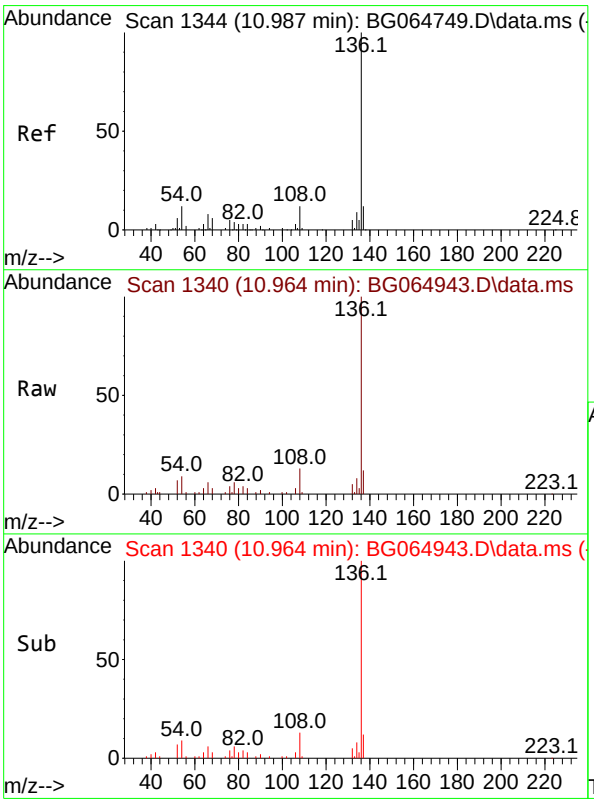
#19
n-Nitroso-di-n-propylamine
Concen: 16.386 ng
RT: 9.313 min Scan# 1
Delta R.T. 0.341 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 16348

Ion	Ratio	Lower	Upper
70	100		
42	55.2	62.6	93.8#
101	0.0	8.0	12.0#
130	2.1	16.5	24.7#

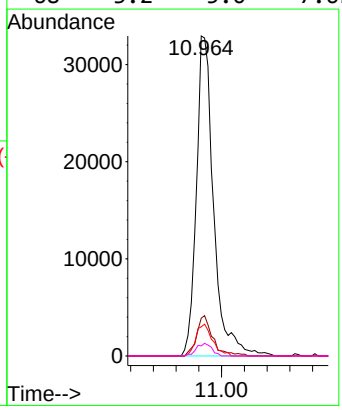


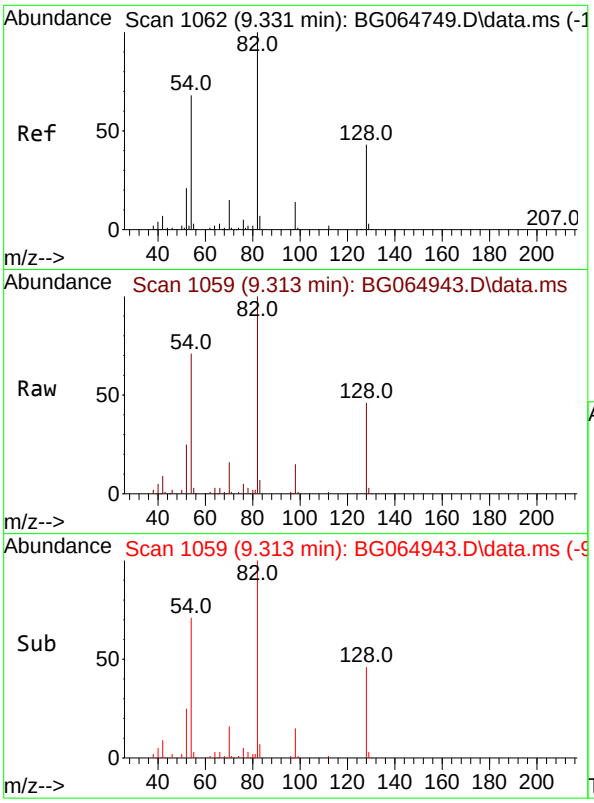


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.964 min Scan# 1340
Delta R.T. -0.023 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Tgt Ion:136 Resp: 69495

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	9.1	9.3	13.9#
68	3.2	5.0	7.6#



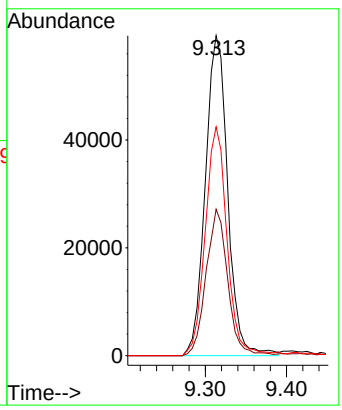


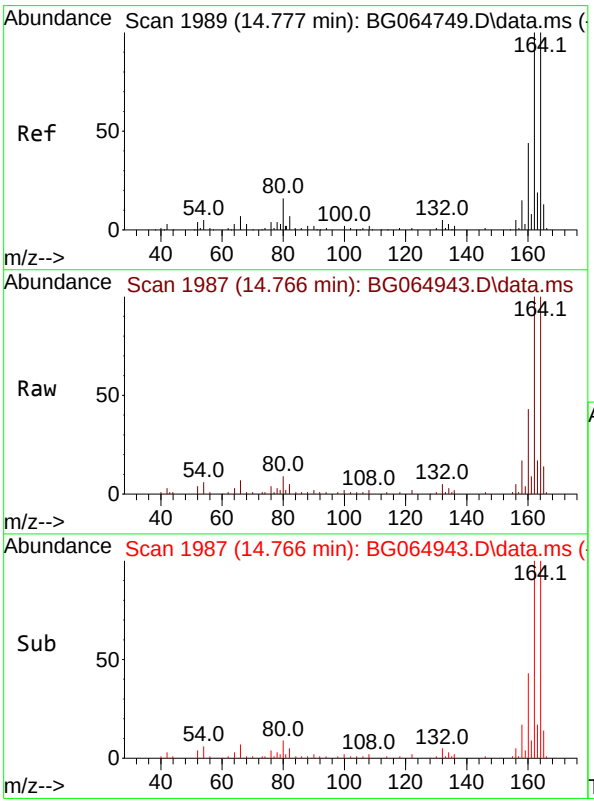
#23
Nitrobenzene-d5
Concen: 80.634 ng
RT: 9.313 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 113336

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.1	51.1
54	71.5	54.3	81.5

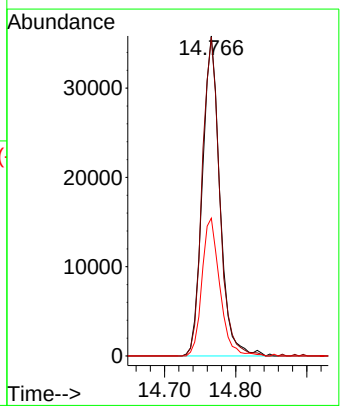


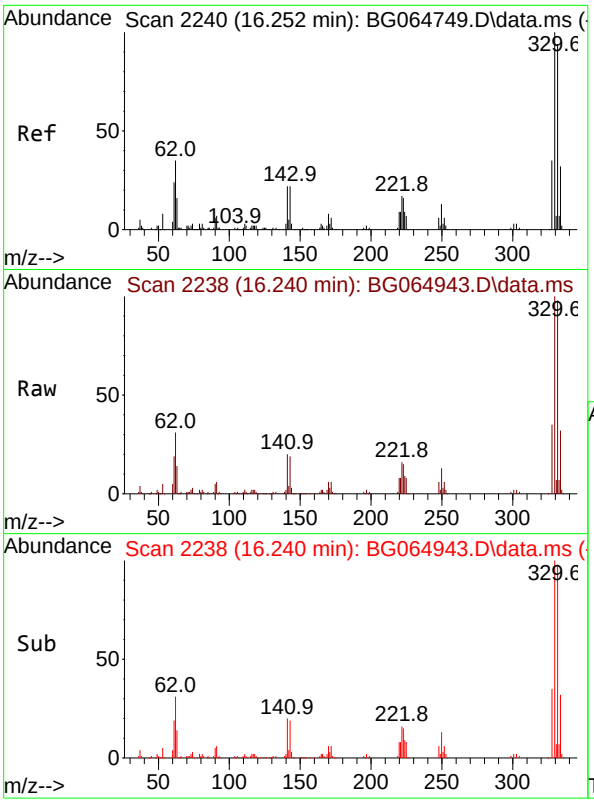


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Tgt Ion:164 Resp: 61227

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.8	119.6
160	43.1	34.9	52.3



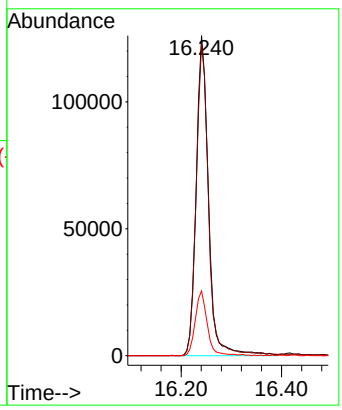


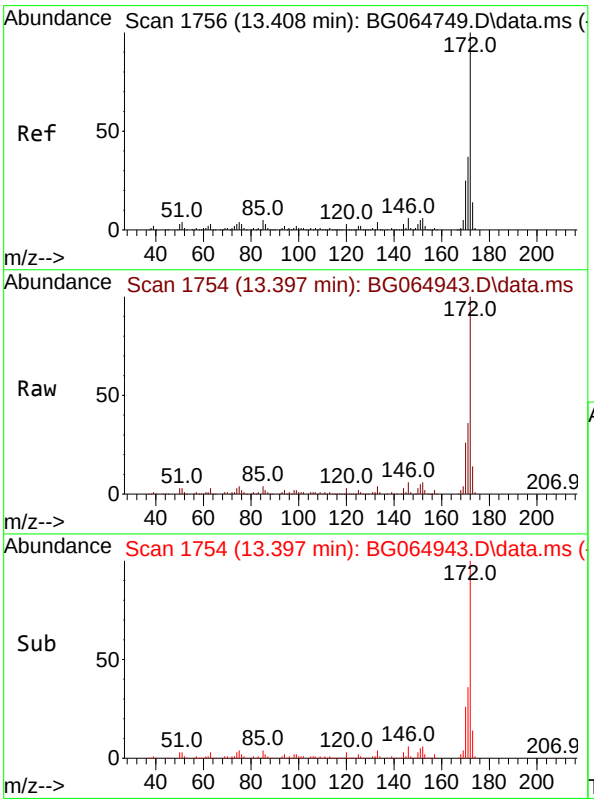
#42
2,4,6-Tribromophenol
Concen: 179.666 ng
RT: 16.240 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 214542

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	19.8	18.2	27.2

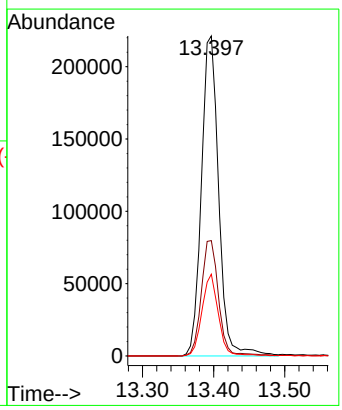


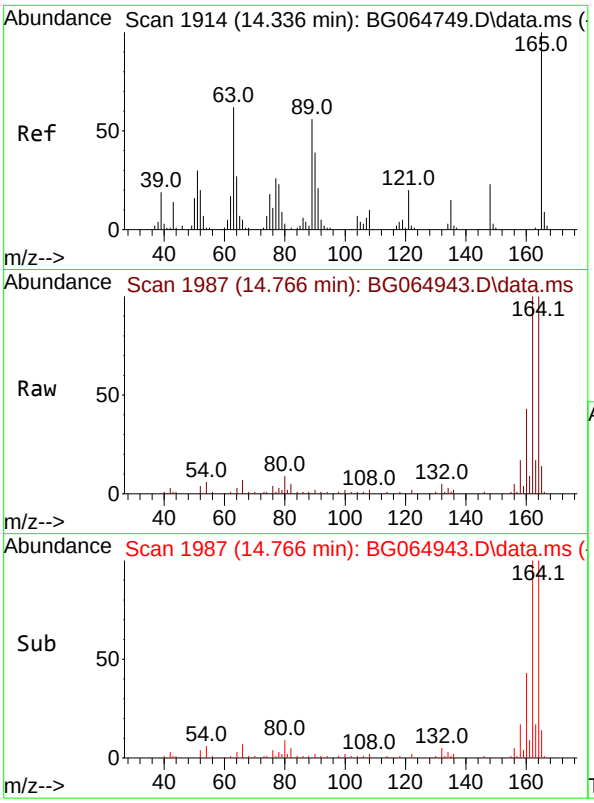


#45
2-Fluorobiphenyl
Concen: 85.456 ng
RT: 13.397 min Scan# 1754
Delta R.T. -0.011 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Tgt Ion:172 Resp: 374976

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	25.6	19.8	29.6



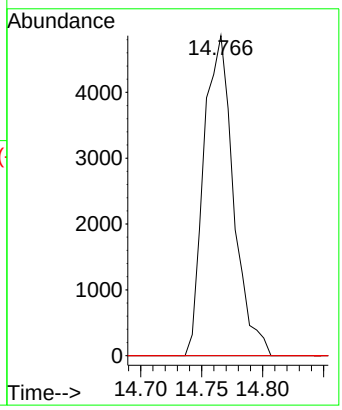


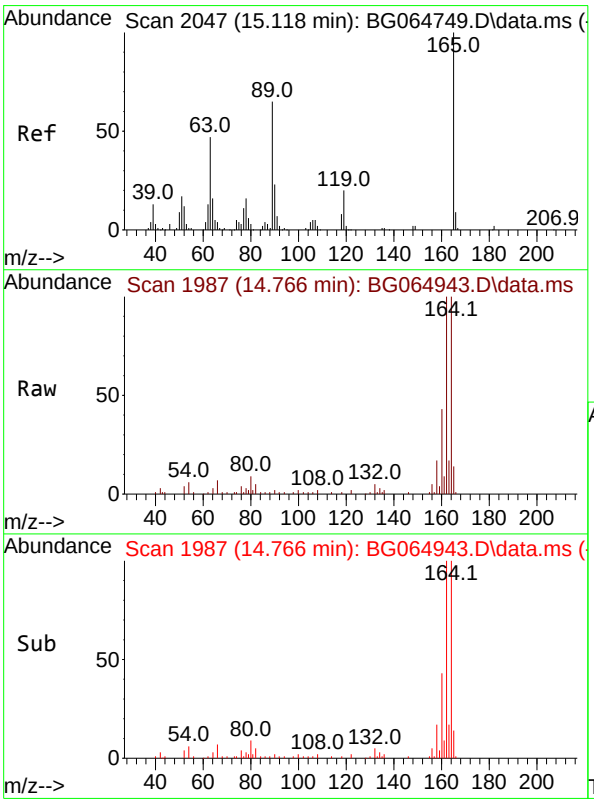
#51
2,6-Dinitrotoluene
Concen: 8.833 ng
RT: 14.766 min Scan# 1
Delta R.T. 0.429 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8221

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

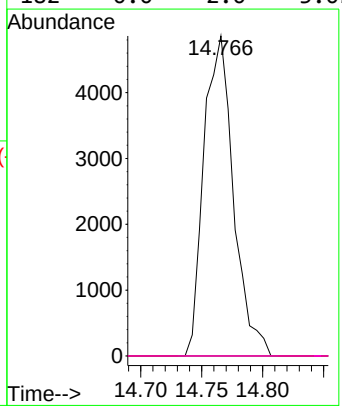


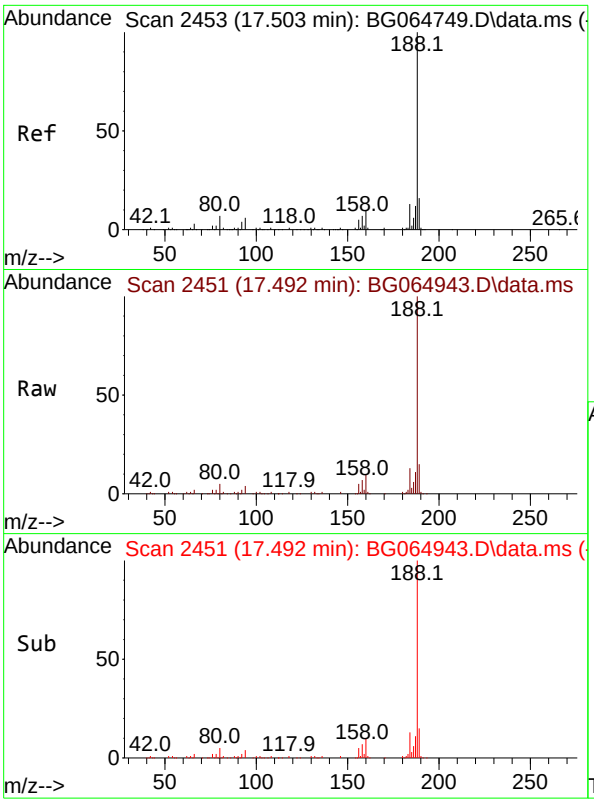


#57
2,4-Dinitrotoluene
Concen: 5.892 ng
RT: 14.766 min Scan# 1987
Delta R.T. -0.352 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Tgt Ion:165 Resp: 8221

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



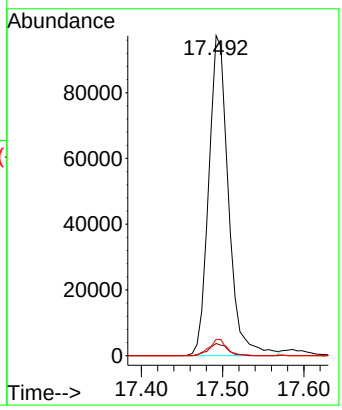


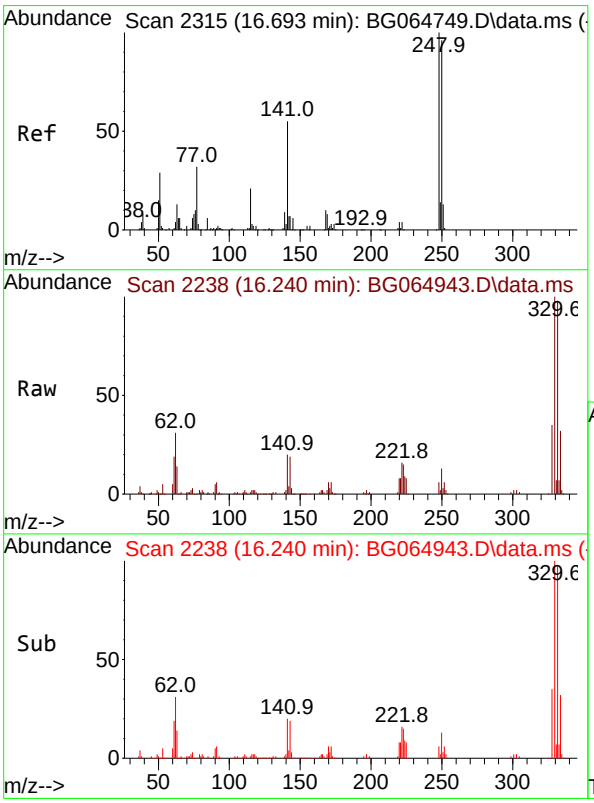
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 164068

Ion	Ratio	Lower	Upper
188	100		
94	3.8	4.7	7.1#
80	5.1	5.4	8.2#

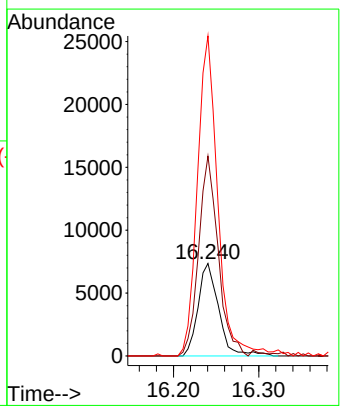


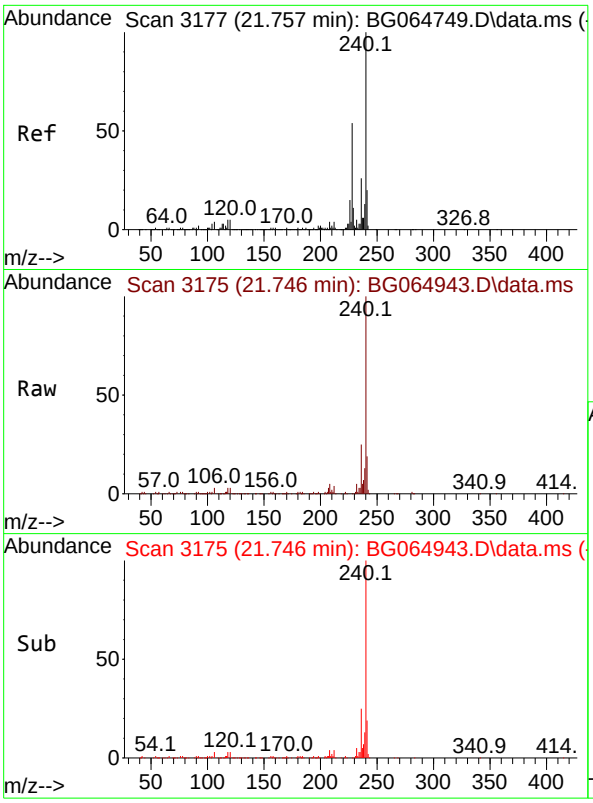


#67
4-Bromophenyl-phenylether
Concen: 5.742 ng
RT: 16.240 min Scan# 2238
Delta R.T. -0.452 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Tgt Ion:248 Resp: 12371

Ion	Ratio	Lower	Upper
248	100		
250	216.0	77.0	115.6#
141	345.9	43.7	65.5#



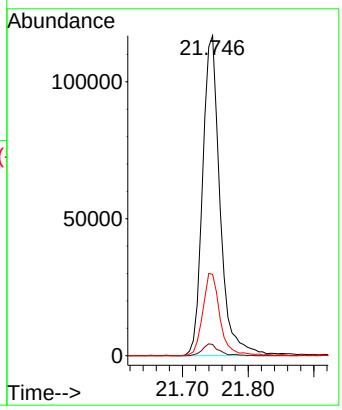


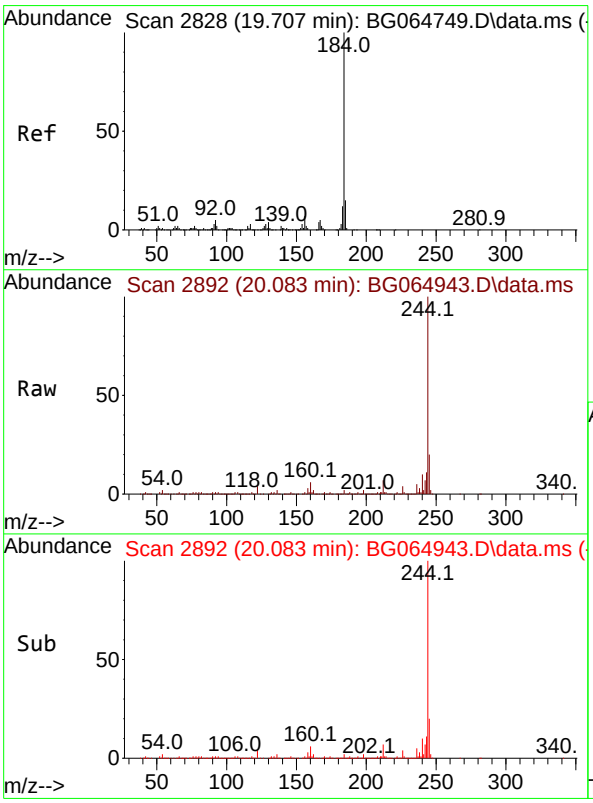
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.746 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 216659

Ion	Ratio	Lower	Upper
240	100		
120	3.5	4.2	6.4#
236	25.4	20.8	31.2

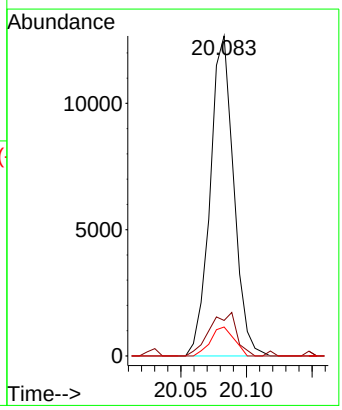


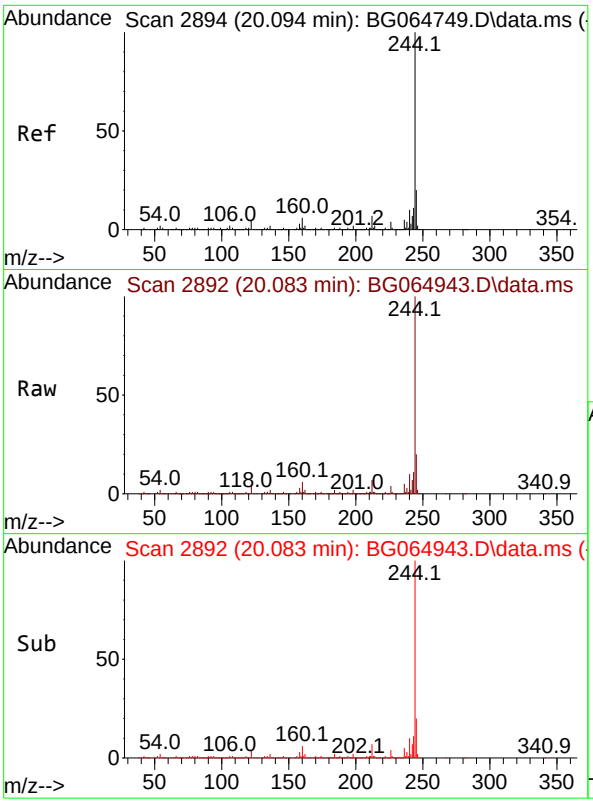


#77
Benzidine
Concen: 2.443 ng
RT: 20.083 min Scan# 2892
Delta R.T. 0.376 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Tgt Ion:184 Resp: 15850

Ion	Ratio	Lower	Upper
184	100		
185	11.1	11.8	17.6#
183	9.1	9.8	14.6#



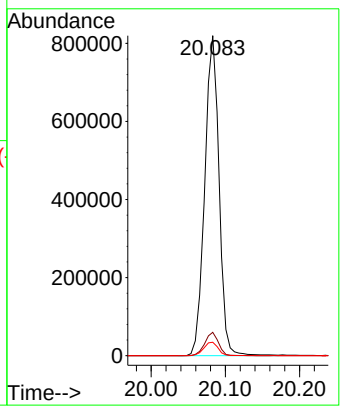


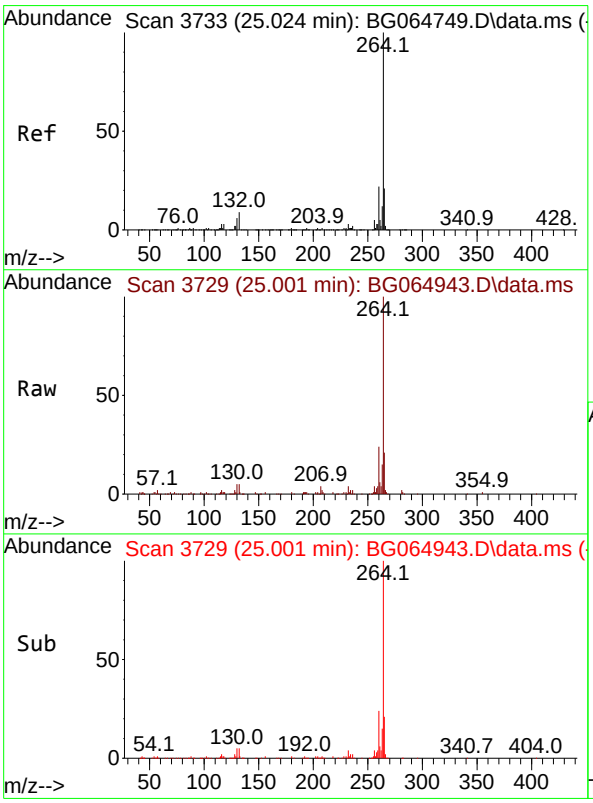
#79
Terphenyl-d14
Concen: 99.673 ng
RT: 20.083 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1097816

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	4.2	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3729
Delta R.T. -0.023 min
Lab File: BG064943.D
Acq: 11 Dec 2025 20:59

Tgt Ion:264 Resp: 216665

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.2	25.8
265	20.6	16.6	25.0