Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064941.D
Acq On : 11 Dec 2025 19:37
Operator : RC/JU
Sample : Q3814-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 11 22:43:23 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	17463	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	64853	20.000	ng	#-0.02
39) Acenaphthene-d10	14.763	164	57032	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	154146	20.000	ng	# 0.00
76) Chrysene-d12	21.743	240	205882	20.000	ng	#-0.01
86) Perylene-d12	24.998	264	219161	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	122319	122.313	ng	0.00
7) Phenol-d6	7.301	99	143209	107.667	ng	0.00
23) Nitrobenzene-d5	9.316	82	106659	81.315	ng	-0.01
42) 2,4,6-Tribromophenol	16.243	330	199470	179.331	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	354765	86.797	ng	-0.01
79) Terphenyl-d14	20.080	244	1091323	104.270	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	1058	2.733	ng	# 1
19) n-Nitroso-di-n-propyla...	9.316	70	15322	17.037	ng	# 62
51) 2,6-Dinitrotoluene	14.763	165	7565	8.726	ng	# 21
57) 2,4-Dinitrotoluene	14.763	165	7565	5.821	ng	# 24
67) 4-Bromophenyl-phenylether	16.237	248	11539	5.700	ng	# 1
77) Benzidine	20.080	184	15823	2.566	ng	# 90

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

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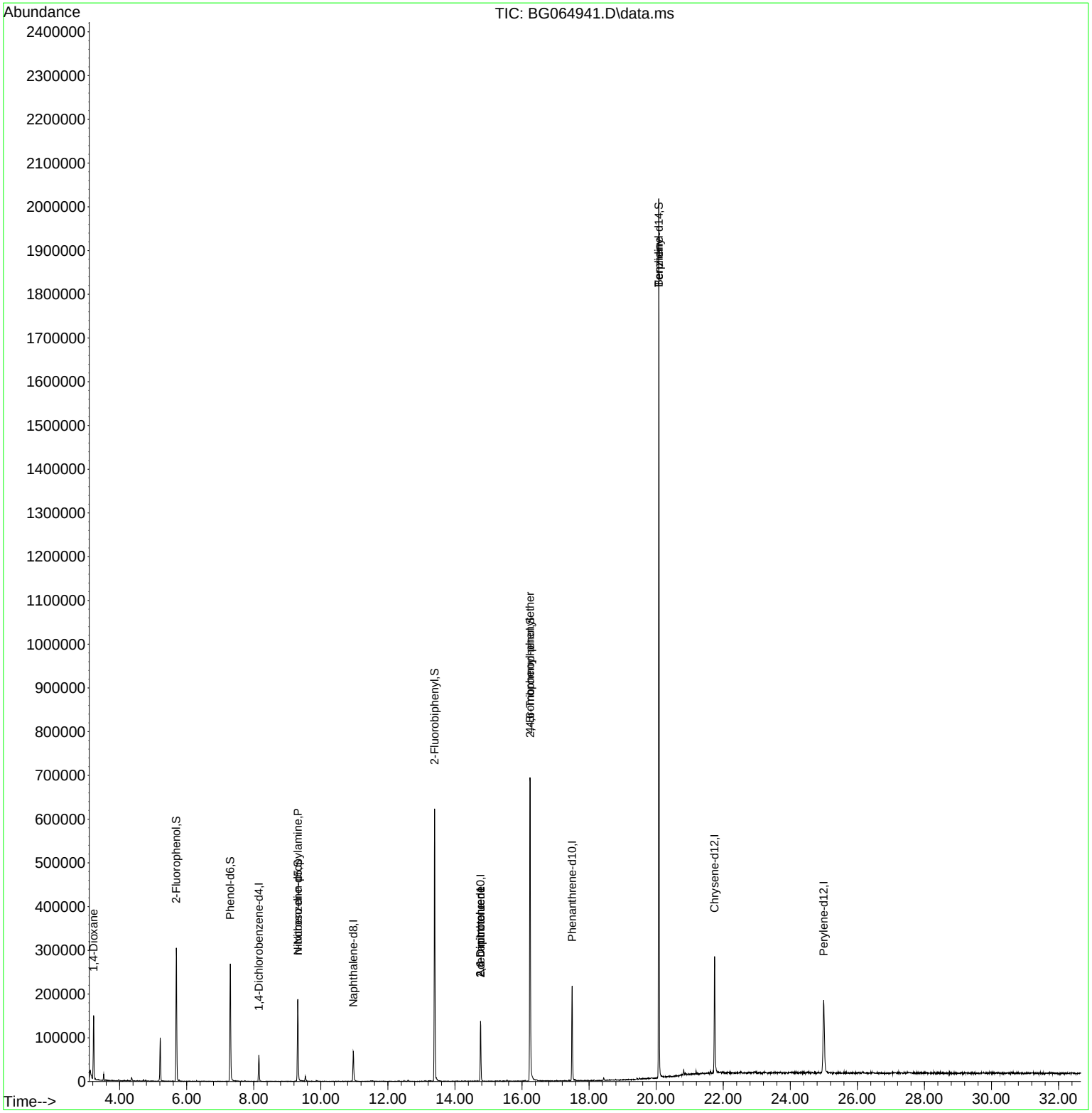
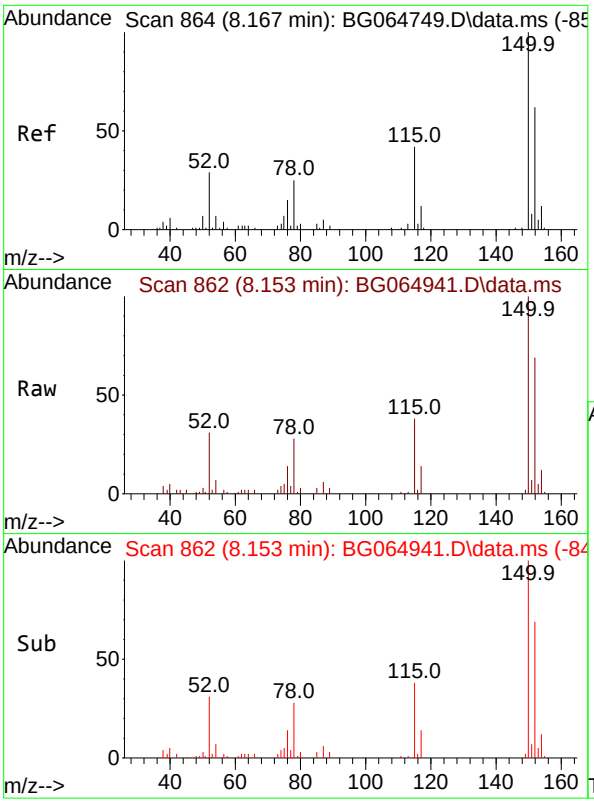


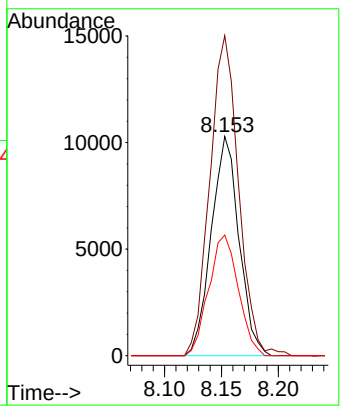


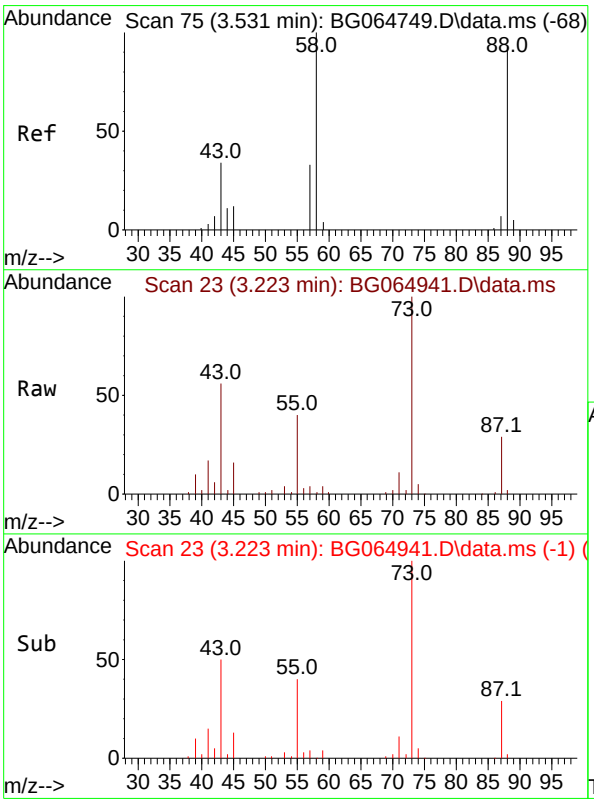
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 8
Delta R.T. -0.014 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 17463

Ion	Ratio	Lower	Upper
152	100		
150	145.9	129.2	193.8
115	55.0	53.7	80.5

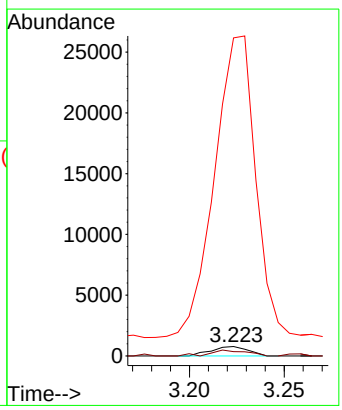


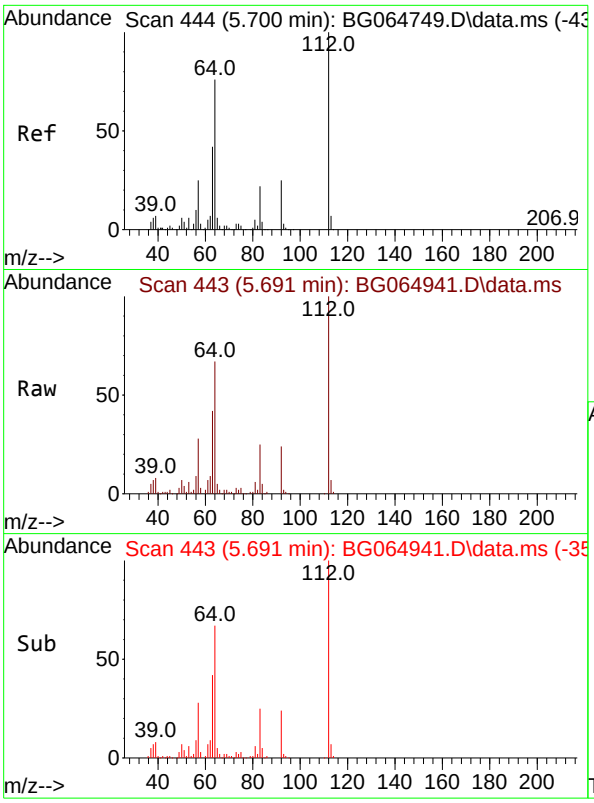


#2
1,4-Dioxane
Concen: 2.733 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.308 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion: 88 Resp: 1058

Ion	Ratio	Lower	Upper
88	100		
58	61.4	84.6	126.8#
43	3555.3	30.0	45.0#



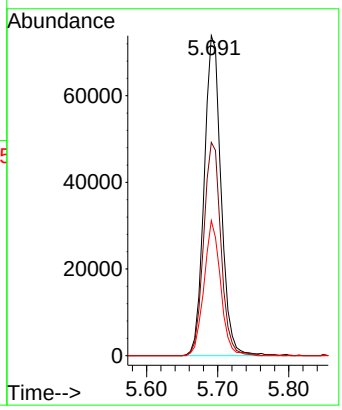


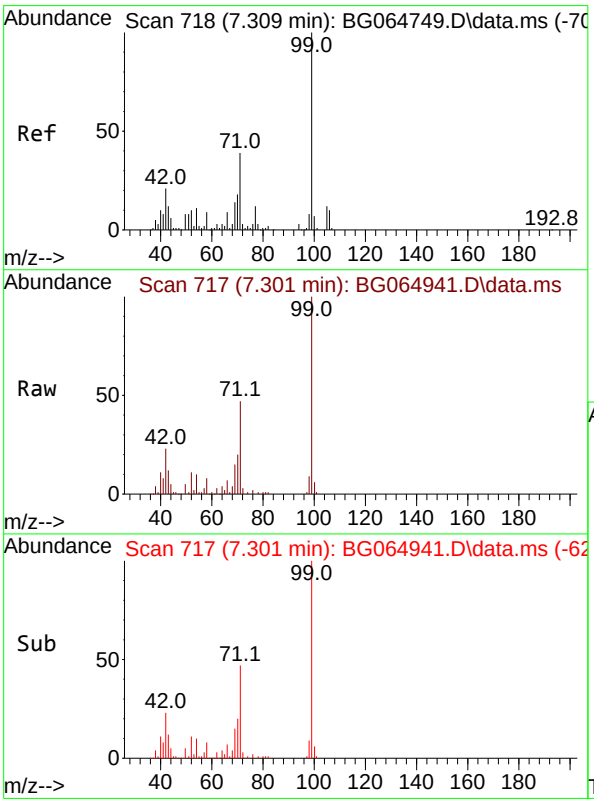
#5
2-Fluorophenol
Concen: 122.313 ng
RT: 5.691 min Scan# 44
Delta R.T. -0.009 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 122319

Ion	Ratio	Lower	Upper
112	100		
64	66.7	61.0	91.4
63	42.2	33.3	49.9

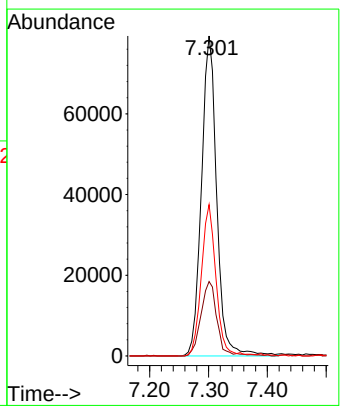


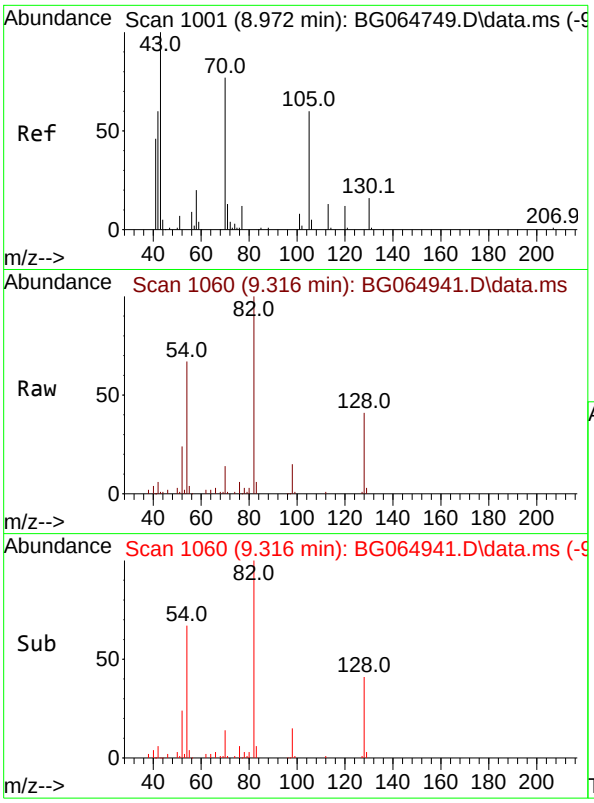


#7
Phenol-d6
Concen: 107.667 ng
RT: 7.301 min Scan# 717
Delta R.T. -0.009 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion: 99 Resp: 143209

Ion	Ratio	Lower	Upper
99	100		
42	23.3	16.8	25.2
71	47.3	31.1	46.7#



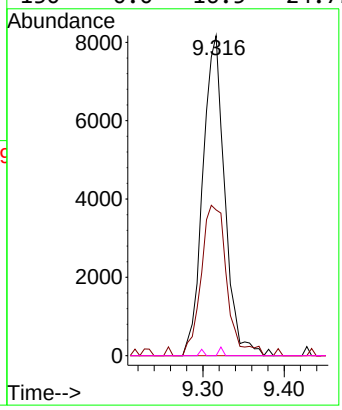


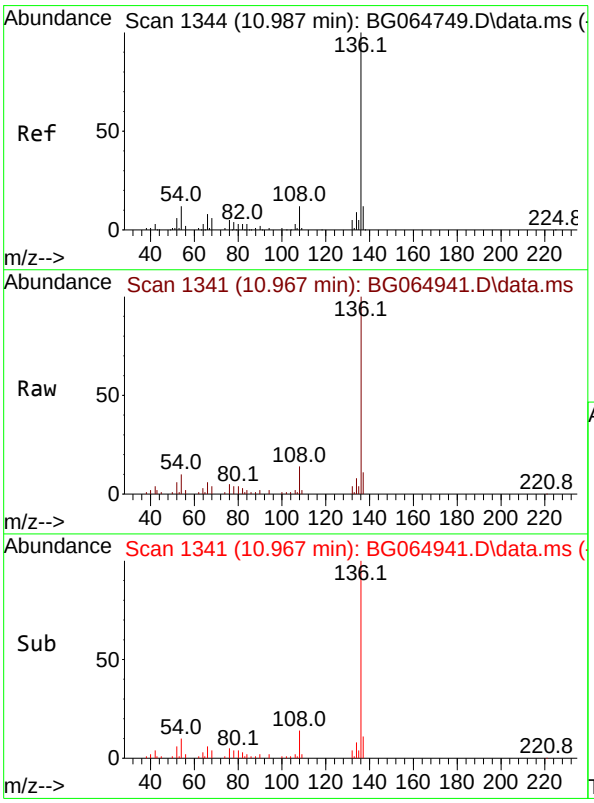
#19
n-Nitroso-di-n-propylamine
Concen: 17.037 ng
RT: 9.316 min Scan# 1
Delta R.T. 0.344 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 15322

Ion	Ratio	Lower	Upper
70	100		
42	45.6	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#

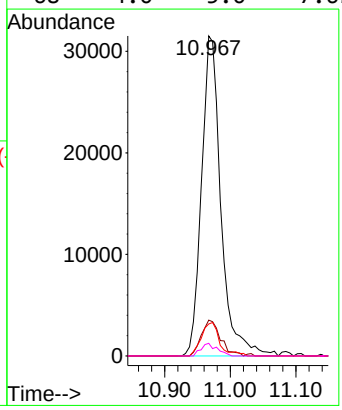


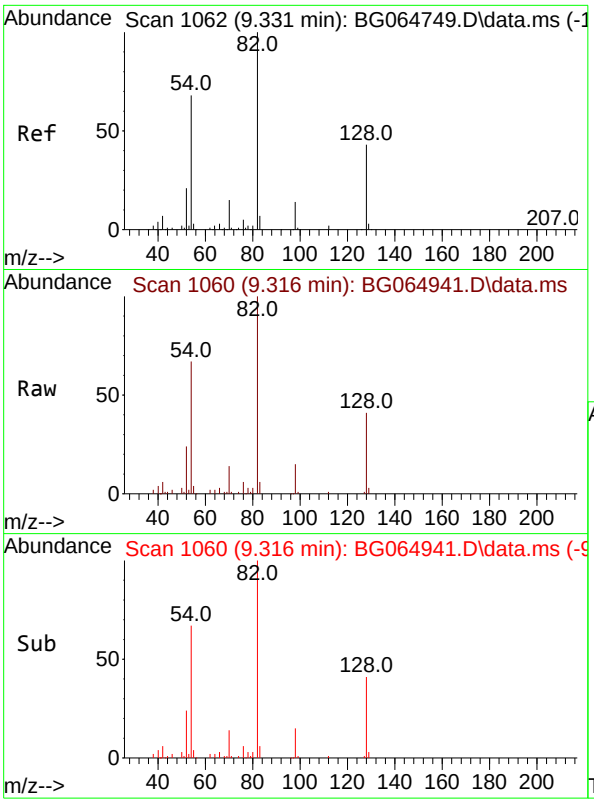


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 1341
Delta R.T. -0.020 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:136 Resp: 64853

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	10.0	9.3	13.9
68	4.0	5.0	7.6#



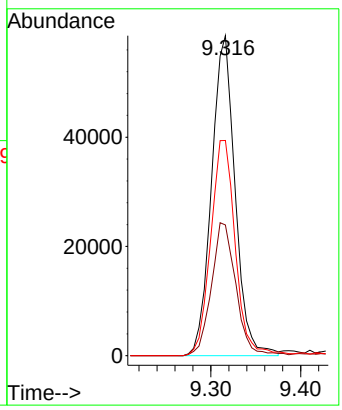


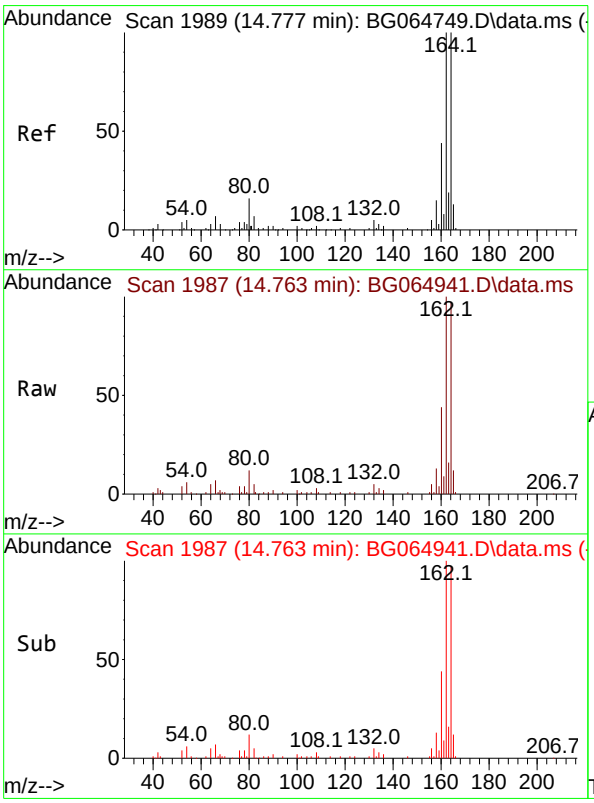
#23
Nitrobenzene-d5
Concen: 81.315 ng
RT: 9.316 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 106659

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.1	51.1
54	67.3	54.3	81.5

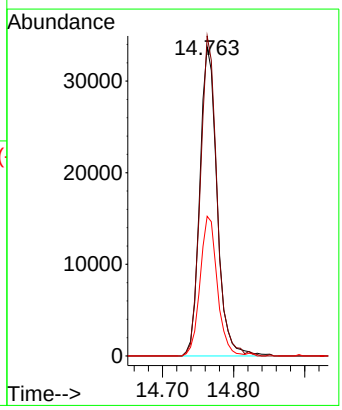


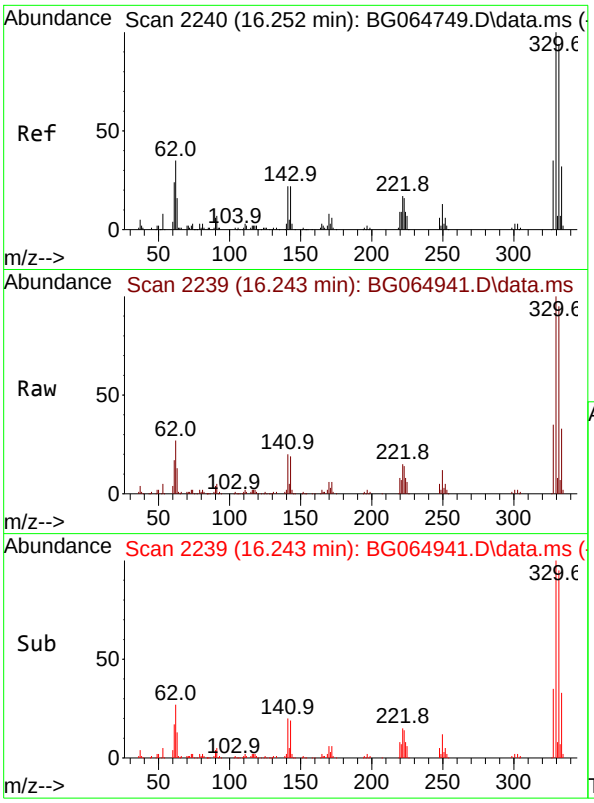


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.763 min Scan# 1987
Delta R.T. -0.014 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:164 Resp: 57032

Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.8	119.6
160	45.2	34.9	52.3



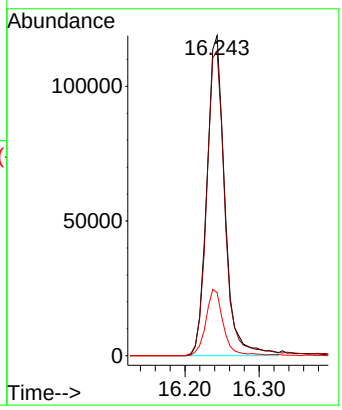


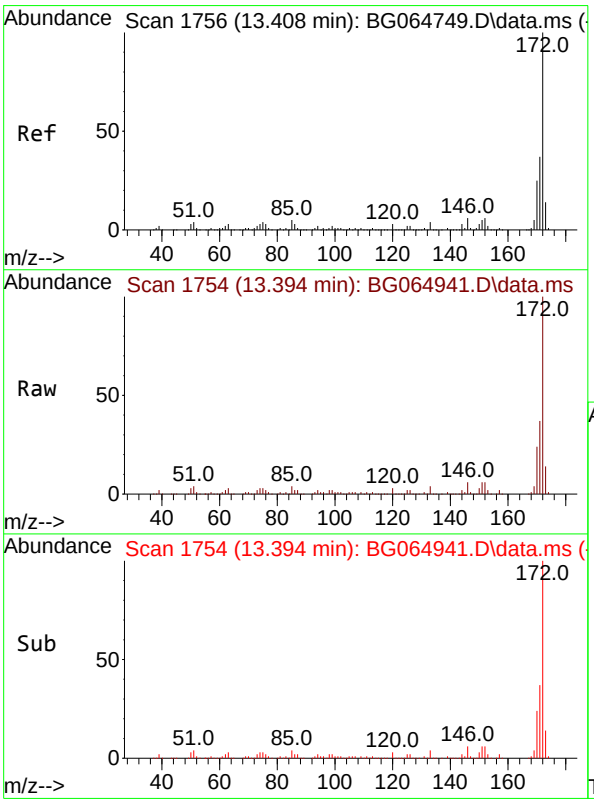
#42
2,4,6-Tribromophenol
Concen: 179.331 ng
RT: 16.243 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 199470

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	20.1	18.2	27.2

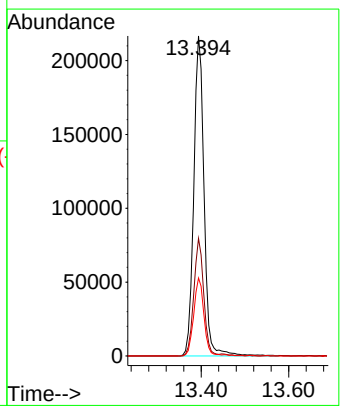


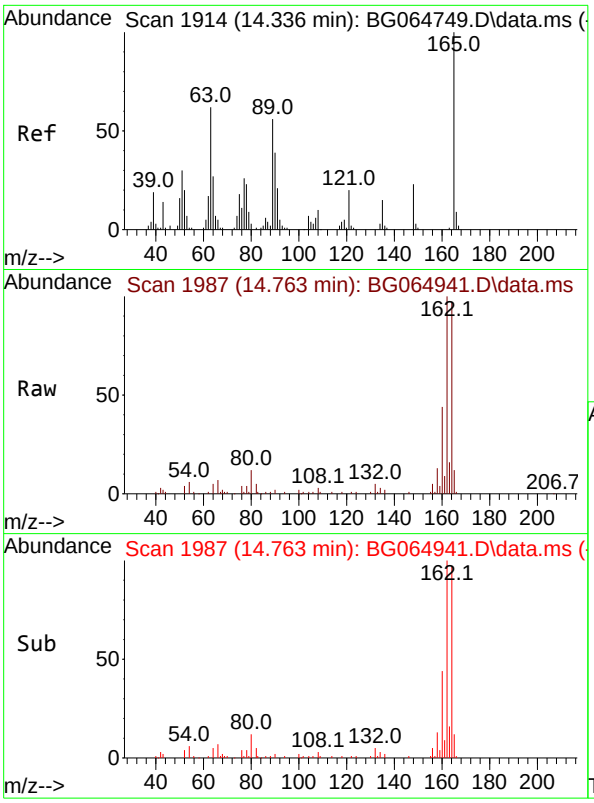


#45
2-Fluorobiphenyl
Concen: 86.797 ng
RT: 13.394 min Scan# 1754
Delta R.T. -0.014 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:172 Resp: 354765

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	24.4	19.8	29.6



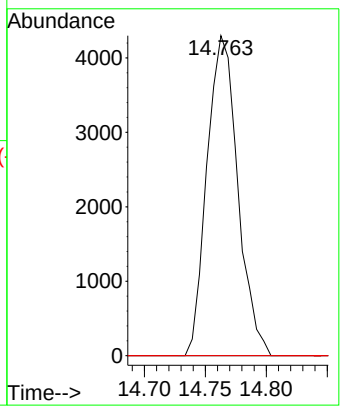


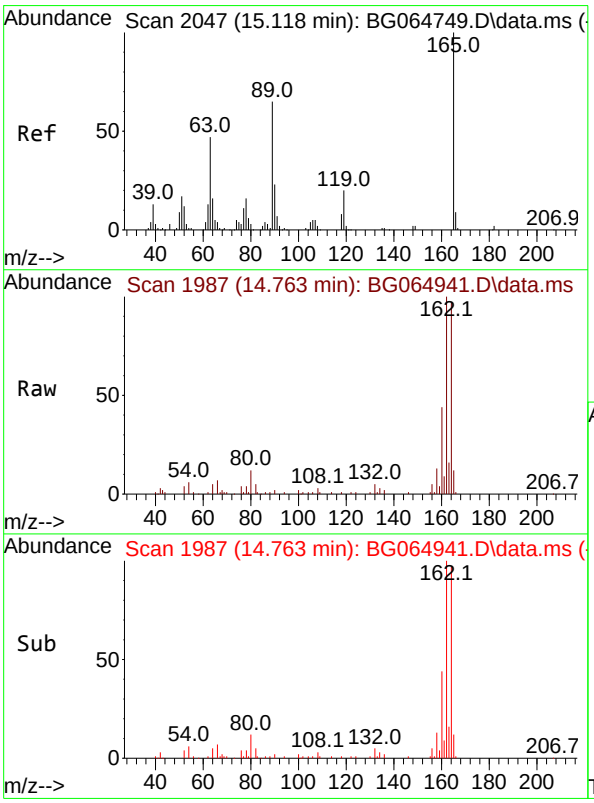
#51
2,6-Dinitrotoluene
Concen: 8.726 ng
RT: 14.763 min Scan# 1
Delta R.T. 0.426 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 7565

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

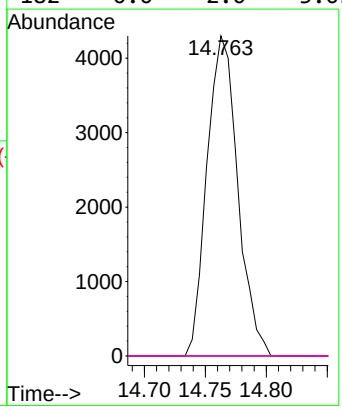


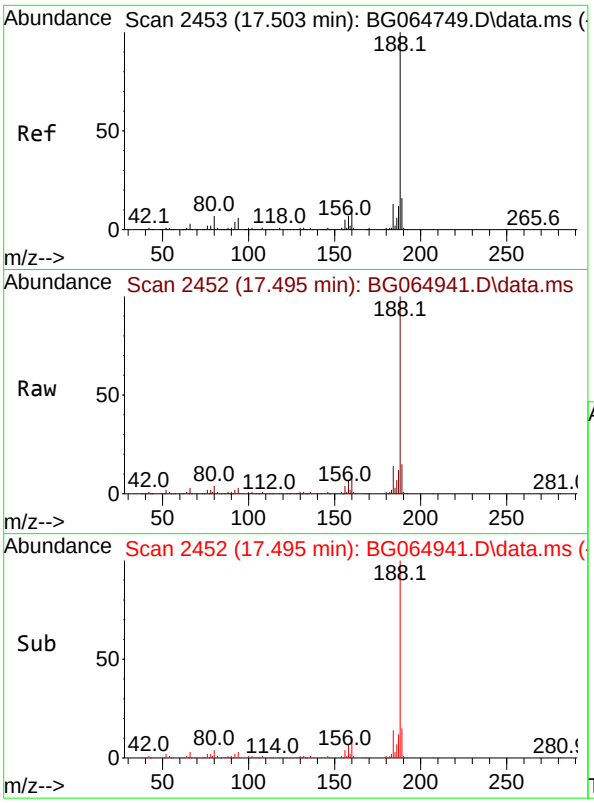


#57
2,4-Dinitrotoluene
Concen: 5.821 ng
RT: 14.763 min Scan# 1987
Delta R.T. -0.355 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:165 Resp: 7565

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#



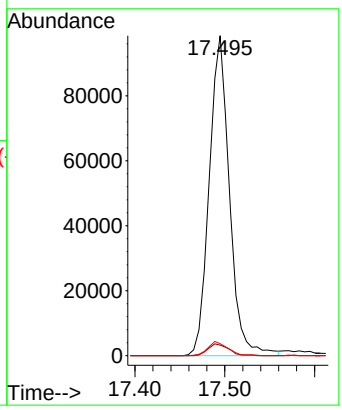


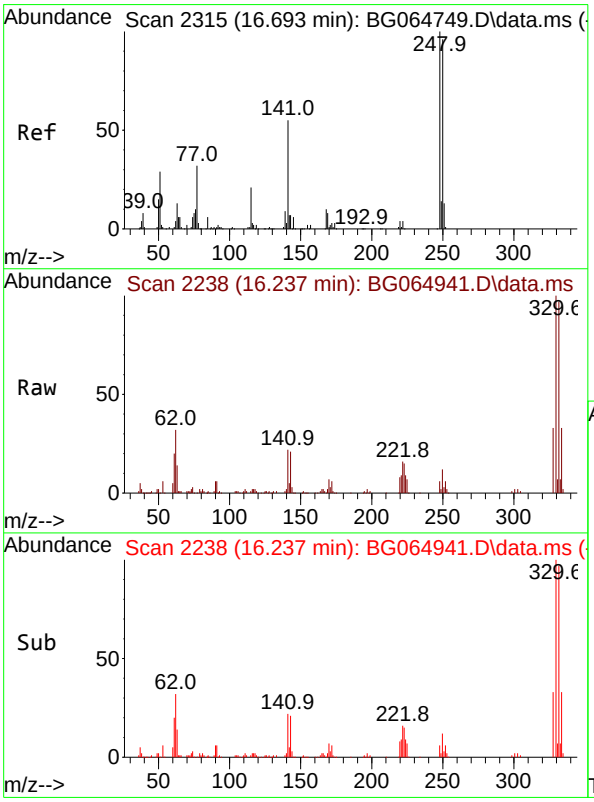
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 154146

Ion	Ratio	Lower	Upper
188	100		
94	3.3	4.7	7.1#
80	3.7	5.4	8.2#

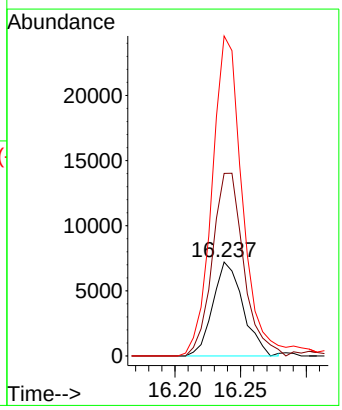


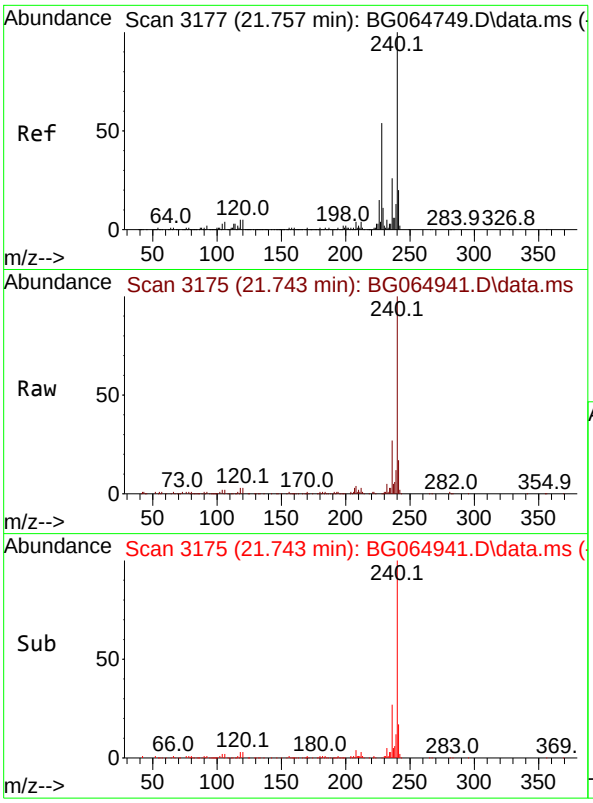


#67
4-Bromophenyl-phenylether
Concen: 5.700 ng
RT: 16.237 min Scan# 2238
Delta R.T. -0.455 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:248 Resp: 11539

Ion	Ratio	Lower	Upper
248	100		
250	146.6	77.0	115.6#
141	256.9	43.7	65.5#



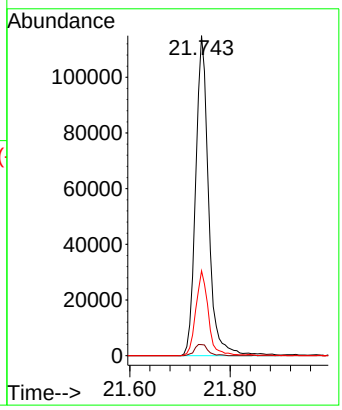


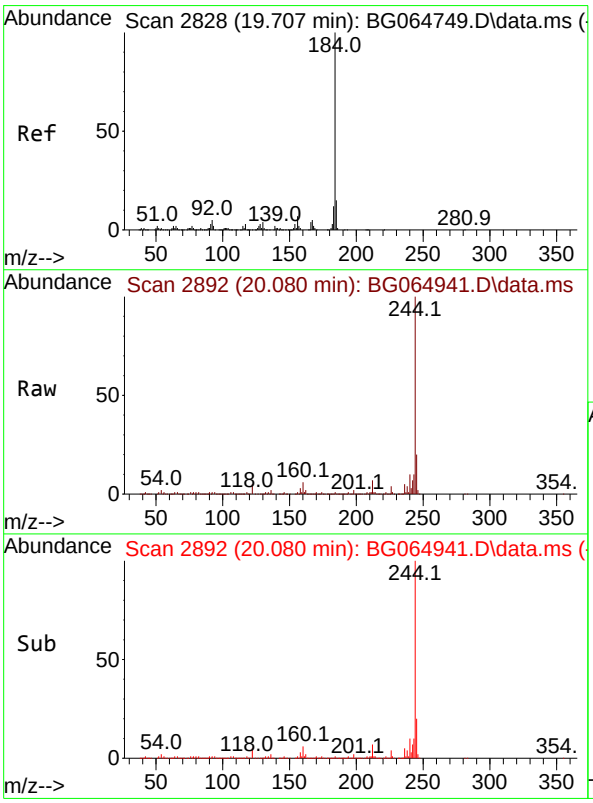
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3
Delta R.T. -0.014 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 205882

Ion	Ratio	Lower	Upper
240	100		
120	3.5	4.2	6.4#
236	26.5	20.8	31.2

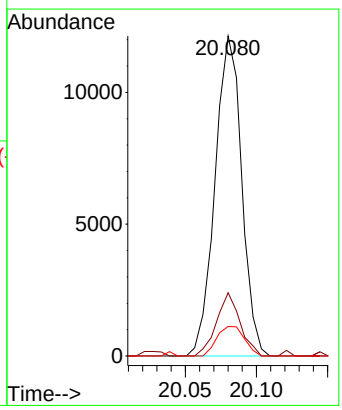


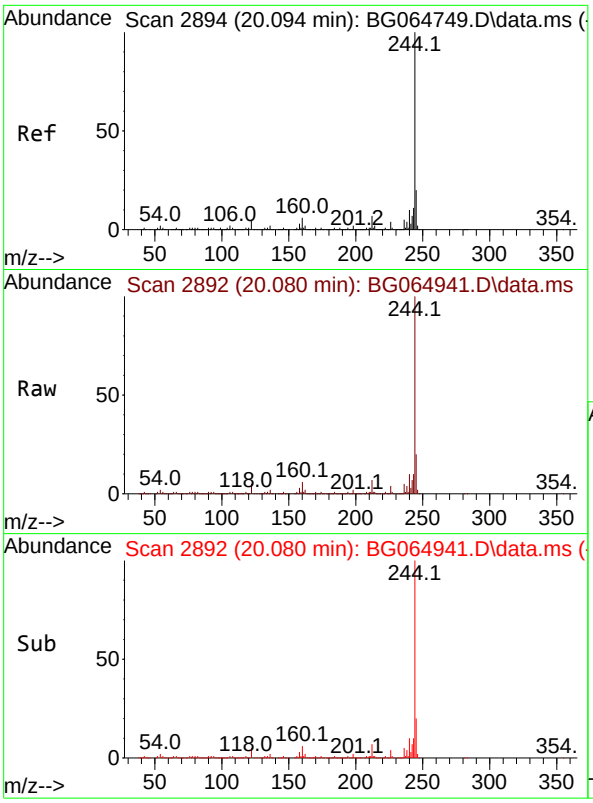


#77
Benzidine
Concen: 2.566 ng
RT: 20.080 min Scan# 2892
Delta R.T. 0.373 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:184 Resp: 15823

Ion	Ratio	Lower	Upper
184	100		
185	19.8	11.8	17.6#
183	9.2	9.8	14.6#



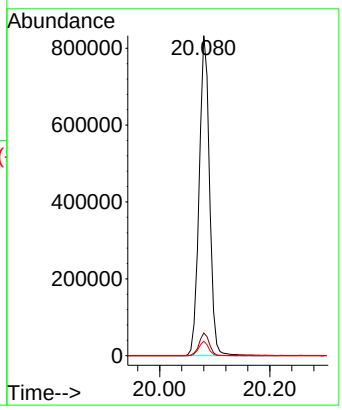


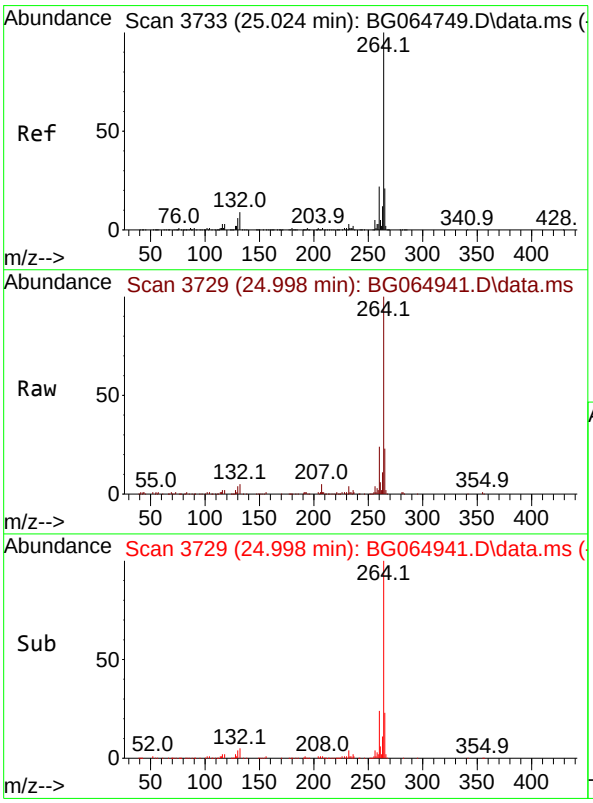
#79
Terphenyl-d14
Concen: 104.270 ng
RT: 20.080 min Scan# 2
Delta R.T. -0.014 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1091323

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	4.5	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: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:264 Resp: 219161

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.2	25.8
265	22.6	16.6	25.0