Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064908.D
Acq On : 9 Dec 2025 17:01
Operator : RC/JU
Sample : PB170870BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 09 17:44:00 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	8.149	152	21463	20.000	ng	-0.02
21) Naphthalene-d8	10.969	136	88573	20.000	ng	#-0.02
39) Acenaphthene-d10	14.765	164	79626	20.000	ng	-0.01
64) Phenanthrene-d10	17.491	188	199445	20.000	ng	#-0.01
76) Chrysene-d12	21.739	240	231970	20.000	ng	#-0.02
86) Perylene-d12	24.988	264	254726	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	185594	150.998	ng	-0.01
7) Phenol-d6	7.297	99	230483	140.988	ng	-0.01
23) Nitrobenzene-d5	9.312	82	150318	83.910	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	262618	169.109	ng	-0.01
45) 2-Fluorobiphenyl	13.396	172	538134	94.301	ng	-0.01
79) Terphenyl-d14	20.082	244	1432766	121.498	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.312	70	20958	18.961	ng	# 68
51) 2,6-Dinitrotoluene	14.759	165	10226	8.449	ng	# 21
57) 2,4-Dinitrotoluene	14.759	165	10226	5.636	ng	# 24
67) 4-Bromophenyl-phenylether	16.240	248	14695	5.611	ng	# 1
77) Benzidine	20.082	184	19069	2.745	ng	# 92

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

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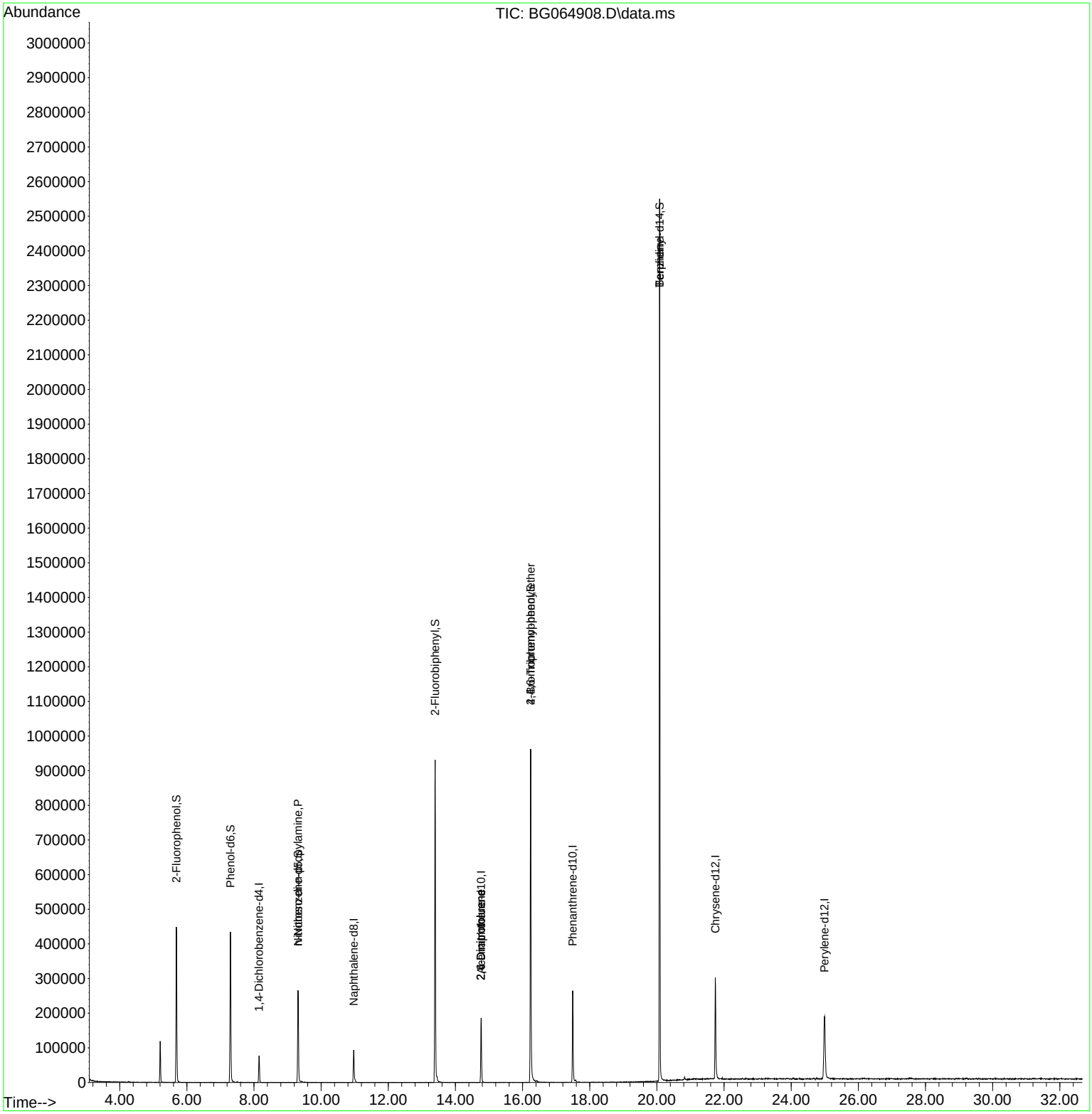
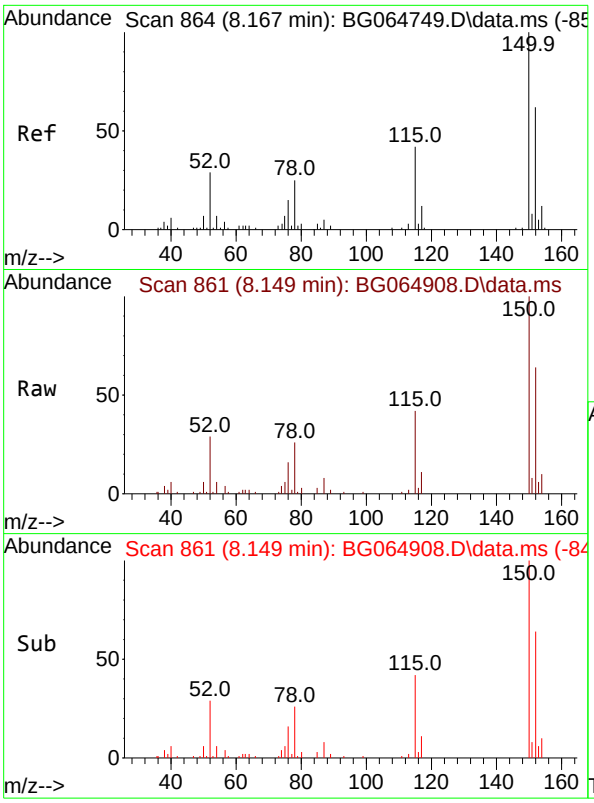


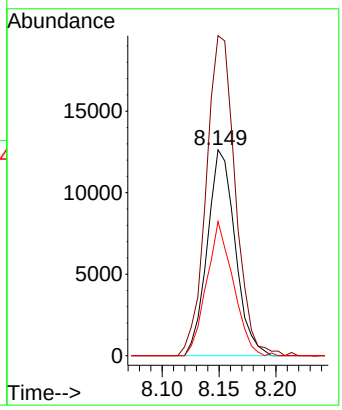


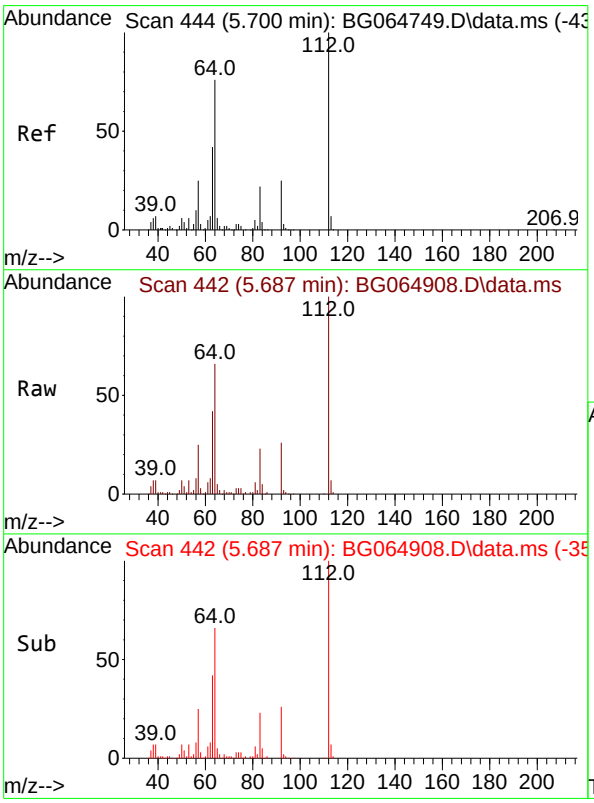
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 8
Delta R.T. -0.018 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21463

Ion	Ratio	Lower	Upper
152	100		
150	155.4	129.2	193.8
115	65.1	53.7	80.5

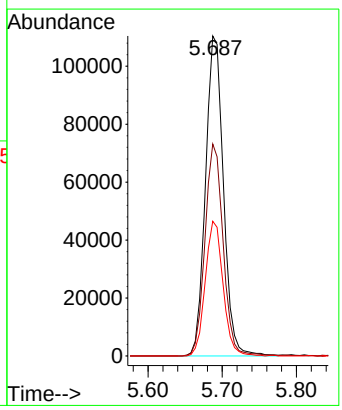


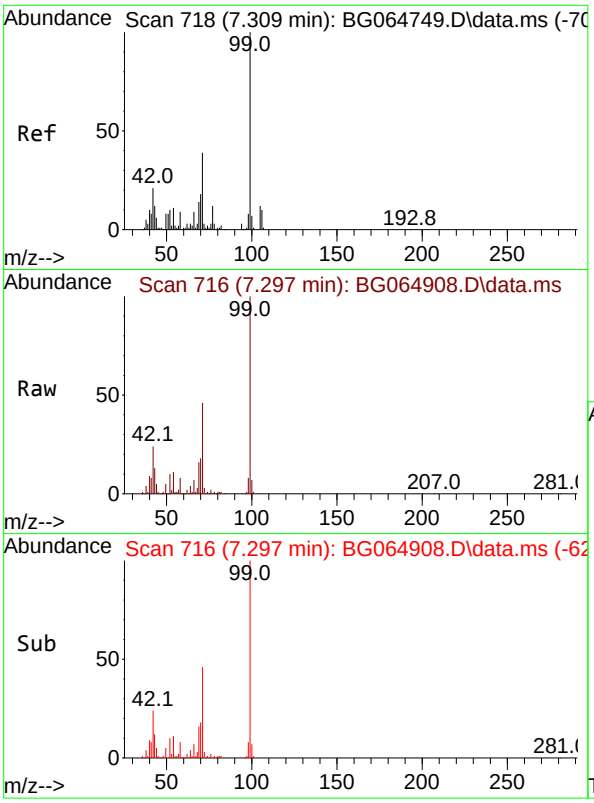


#5
2-Fluorophenol
Concen: 150.998 ng
RT: 5.687 min Scan# 442
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion:112 Resp: 185594

Ion	Ratio	Lower	Upper
112	100		
64	66.3	61.0	91.4
63	42.1	33.3	49.9



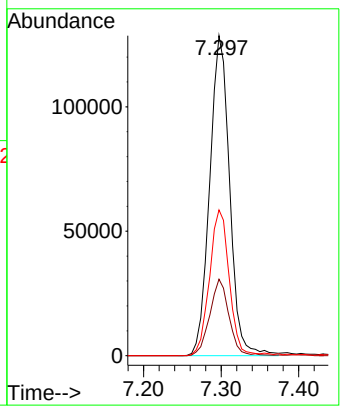


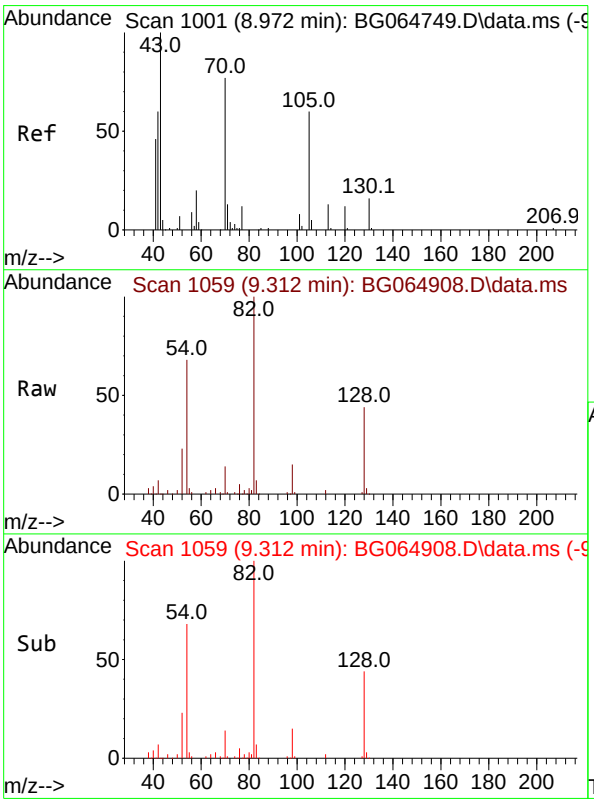
#7
Phenol-d6
Concen: 140.988 ng
RT: 7.297 min Scan# 7
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 230483

Ion	Ratio	Lower	Upper
99	100		
42	23.9	16.8	25.2
71	45.6	31.1	46.7

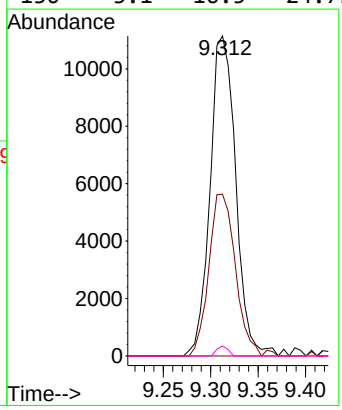


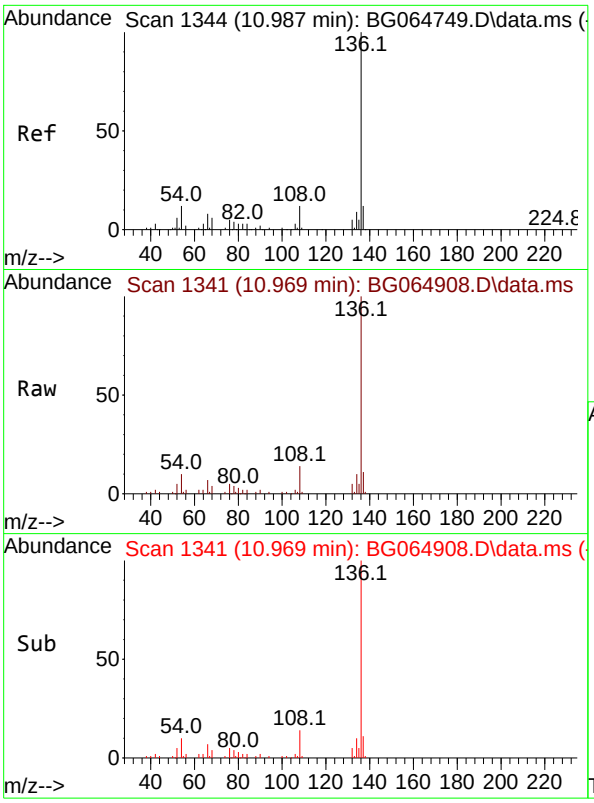


#19
n-Nitroso-di-n-propylamine
Concen: 18.961 ng
RT: 9.312 min Scan# 1059
Delta R.T. 0.340 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion: 70 Resp: 20958

Ion	Ratio	Lower	Upper
70	100		
42	50.6	62.6	93.8#
101	0.0	8.0	12.0#
130	3.1	16.5	24.7#



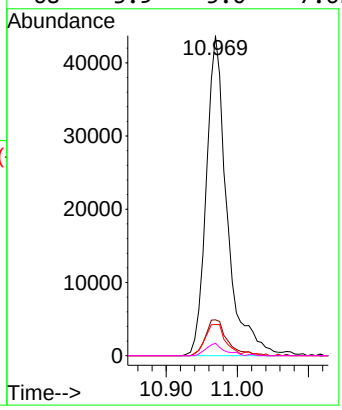


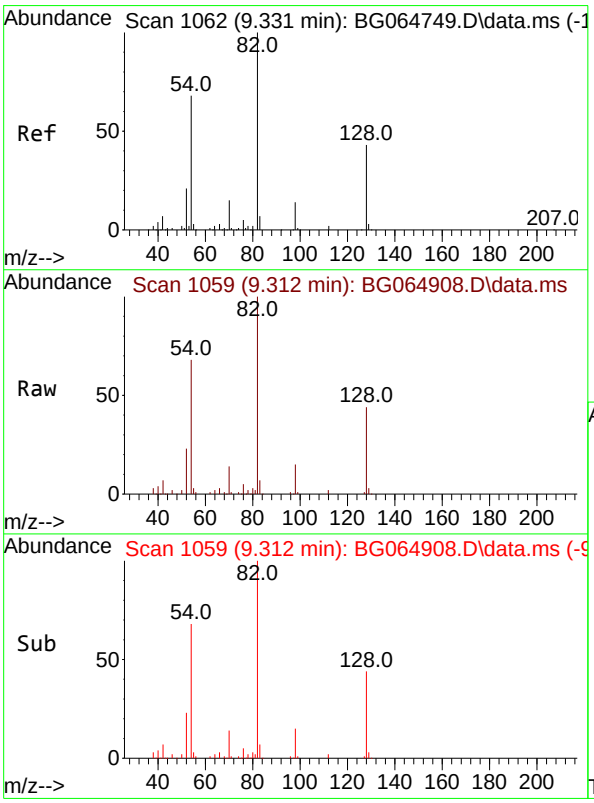
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 88573

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	9.7	9.3	13.9
68	3.9	5.0	7.6#

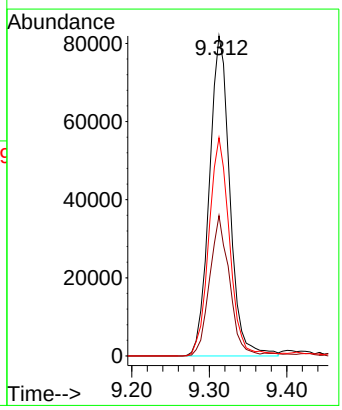


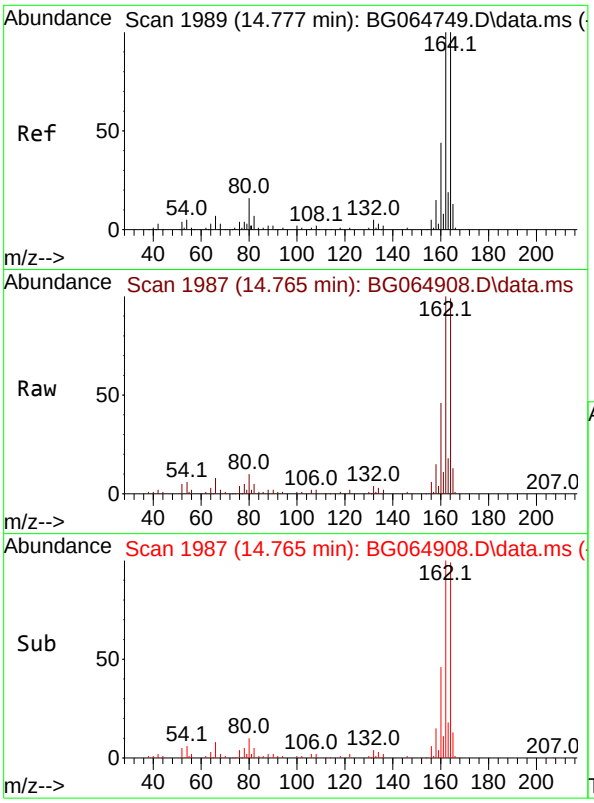


#23
Nitrobenzene-d5
Concen: 83.910 ng
RT: 9.312 min Scan# 1059
Delta R.T. -0.018 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion: 82 Resp: 150318

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.1	51.1
54	68.2	54.3	81.5



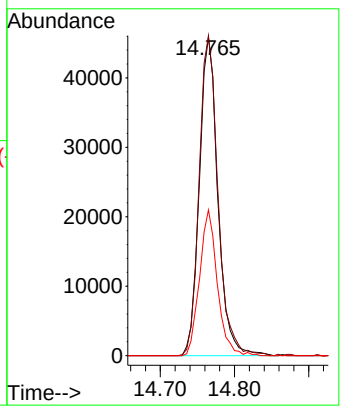


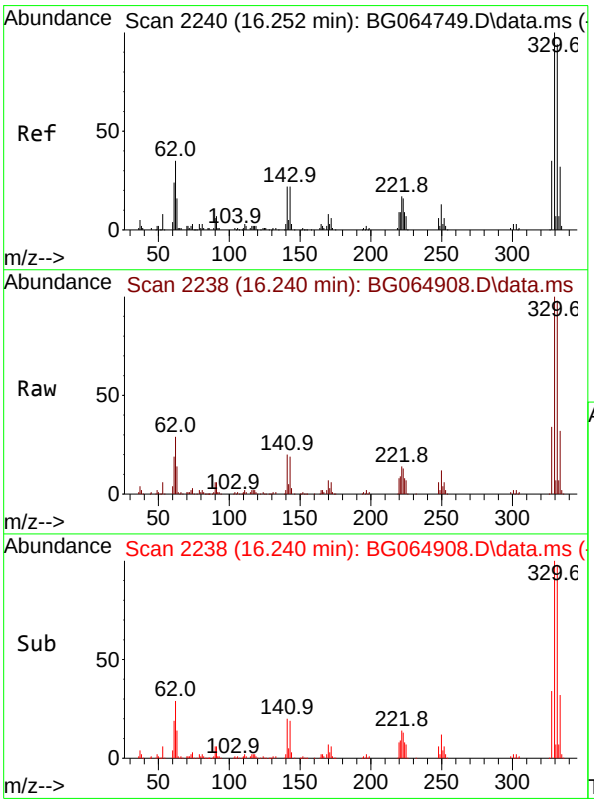
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 79626

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.8	119.6
160	45.8	34.9	52.3

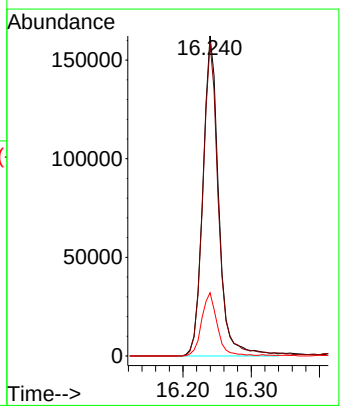


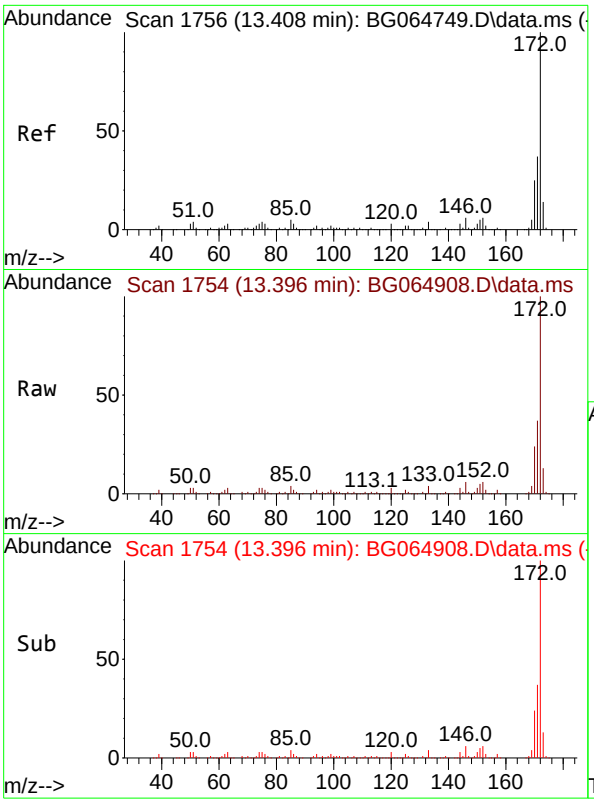


#42
2,4,6-Tribromophenol
Concen: 169.109 ng
RT: 16.240 min Scan# 2238
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion:330 Resp: 262618

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	19.4	18.2	27.2



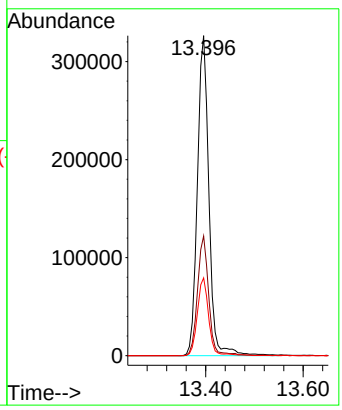


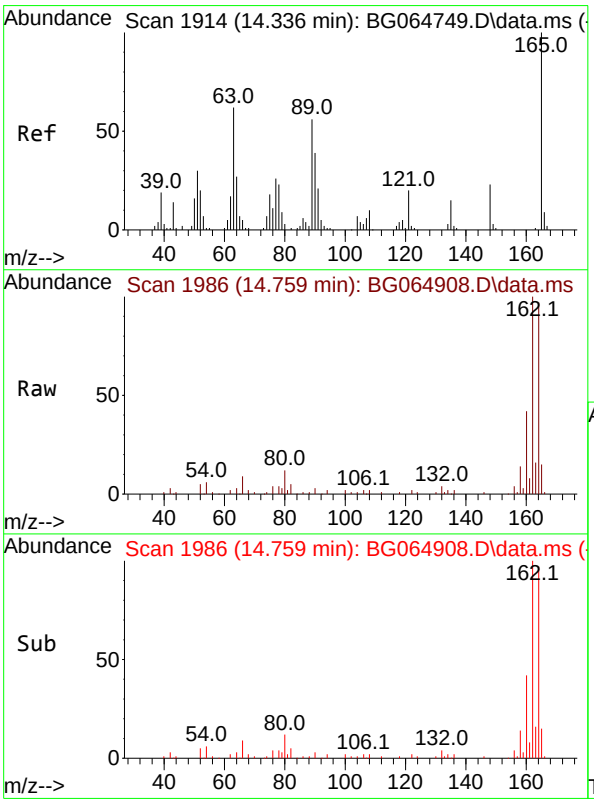
#45
2-Fluorobiphenyl
Concen: 94.301 ng
RT: 13.396 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 538134

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	24.3	19.8	29.6

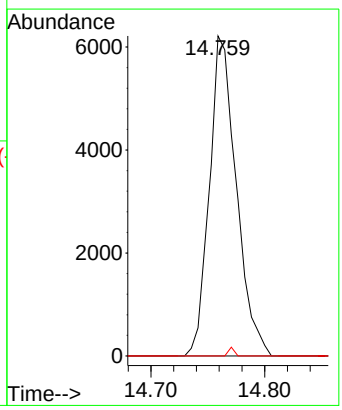


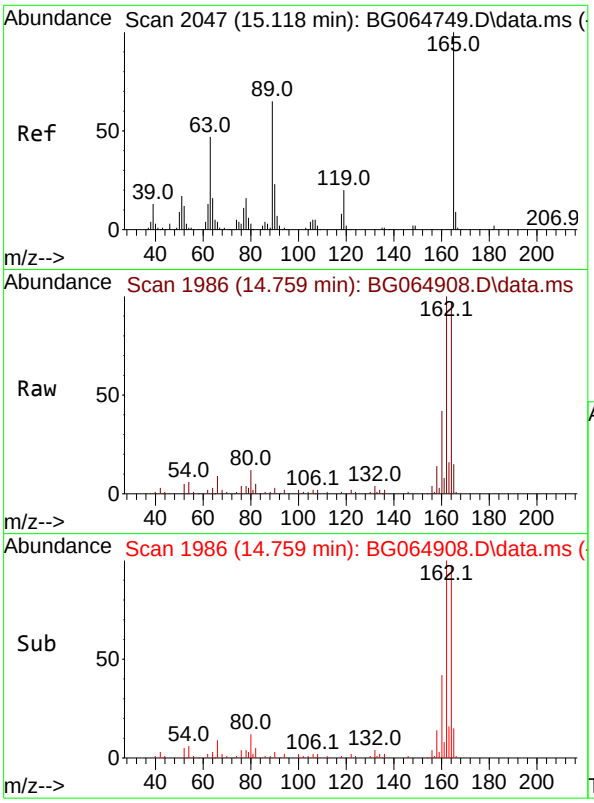


#51
2,6-Dinitrotoluene
Concen: 8.449 ng
RT: 14.759 min Scan# 1986
Delta R.T. 0.422 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion:165 Resp: 10226

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



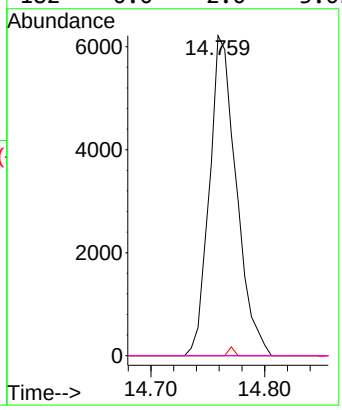


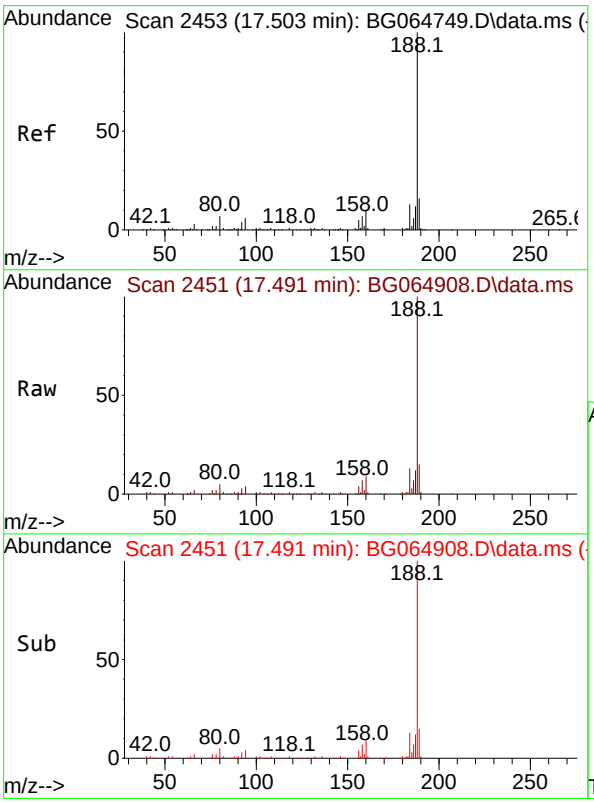
#57
2,4-Dinitrotoluene
Concen: 5.636 ng
RT: 14.759 min Scan# 1
Delta R.T. -0.359 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10226

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#

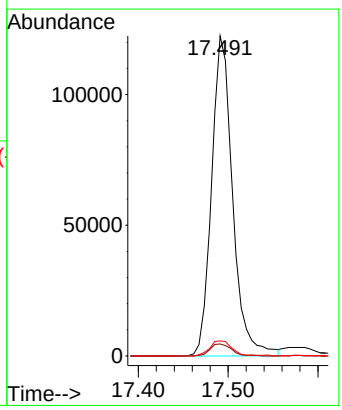


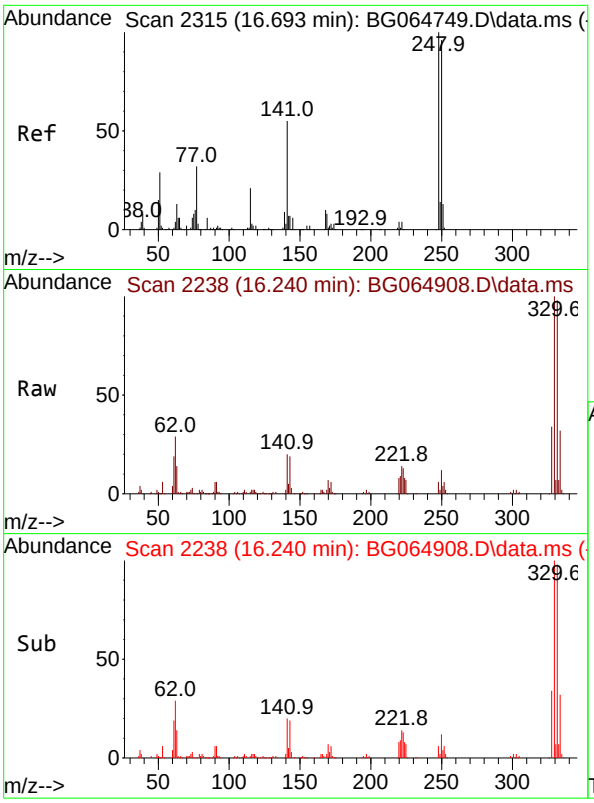


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.491 min Scan# 2451
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion:188 Resp: 199445

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



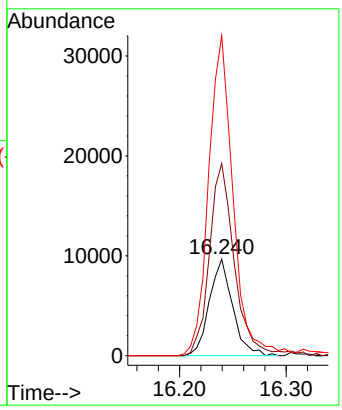


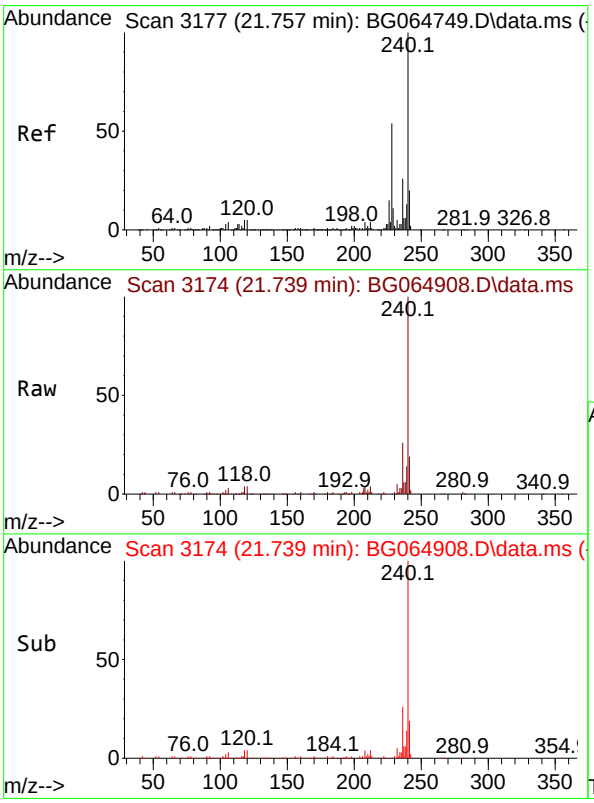
#67
4-Bromophenyl-phenylether
Concen: 5.611 ng
RT: 16.240 min Scan# 2
Delta R.T. -0.453 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14695

Ion	Ratio	Lower	Upper
248	100		
250	199.1	77.0	115.6#
141	331.4	43.7	65.5#

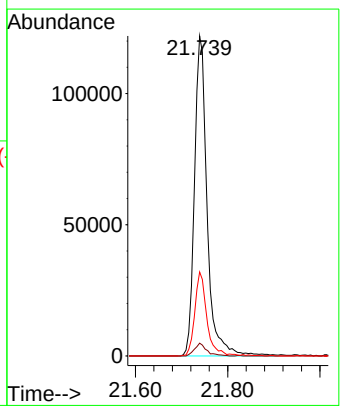


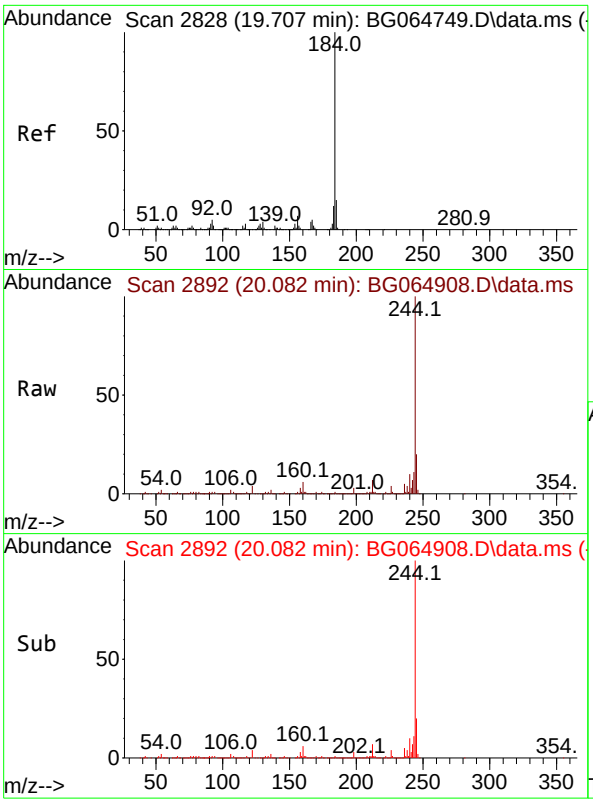


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3174
Delta R.T. -0.018 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion:240 Resp: 231970

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.2	6.4#
236	26.3	20.8	31.2



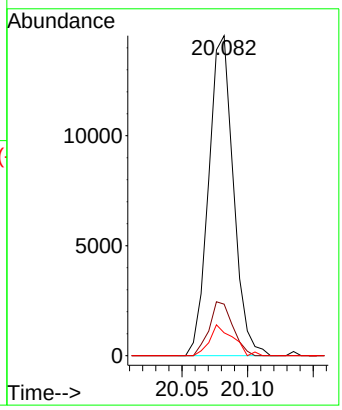


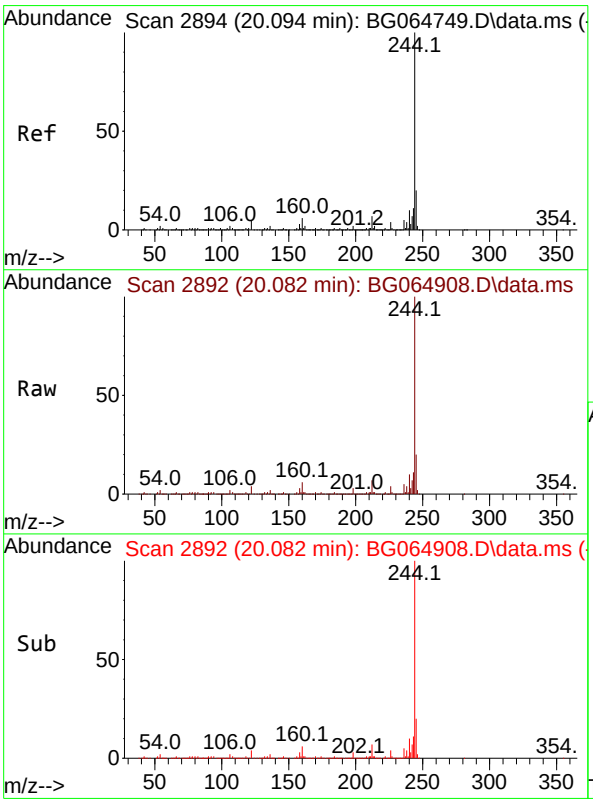
#77
Benzidine
Concen: 2.745 ng
RT: 20.082 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 19069

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.8	17.6
183	7.1	9.8	14.6#

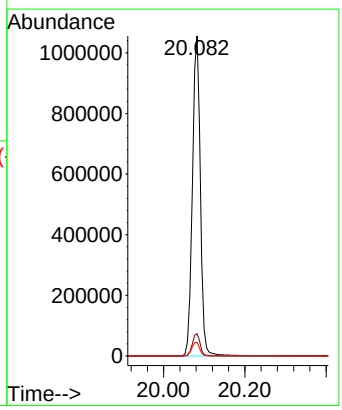


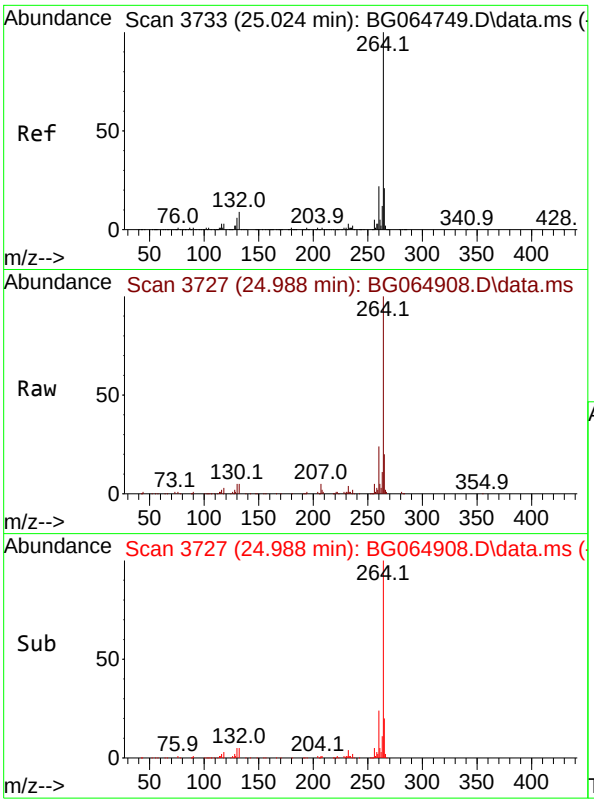


#79
Terphenyl-d14
Concen: 121.498 ng
RT: 20.082 min Scan# 2892
Delta R.T. -0.012 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Tgt Ion:244 Resp: 1432766

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	4.2	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.988 min Scan# 3
Delta R.T. -0.036 min
Lab File: BG064908.D
Acq: 9 Dec 2025 17:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 254726

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.2	25.8
265	20.1	16.6	25.0