Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121225\
Data File : BG064948.D
Acq On : 12 Dec 2025 12:24
Operator : RC/JU
Sample : PB170874TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Quant Time: Dec 12 13:00:57 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	8.154	152	27086	20.000	ng	-0.01
21) Naphthalene-d8	10.969	136	90427	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	75129	20.000	ng	-0.01
64) Phenanthrene-d10	17.490	188	175739	20.000	ng	#-0.01
76) Chrysene-d12	21.738	240	233950	20.000	ng	#-0.02
86) Perylene-d12	24.993	264	255464	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	211941	136.637	ng	0.00
7) Phenol-d6	7.302	99	258938	125.511	ng	0.00
23) Nitrobenzene-d5	9.312	82	174536	95.431	ng	-0.02
42) 2,4,6-Tribromophenol	16.239	330	254043	173.379	ng	-0.01
45) 2-Fluorobiphenyl	13.395	172	560495	104.099	ng	-0.01
79) Terphenyl-d14	20.081	244	1326053	111.497	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.318	70	24610	17.642	ng	# 66
51) 2,6-Dinitrotoluene	14.764	165	10011	8.766	ng	# 21
57) 2,4-Dinitrotoluene	14.764	165	10012	5.848	ng	# 24
67) 4-Bromophenyl-phenylether	16.239	248	15547	6.737	ng	# 1
77) Benzidine	20.081	184	17711	2.528	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121225\
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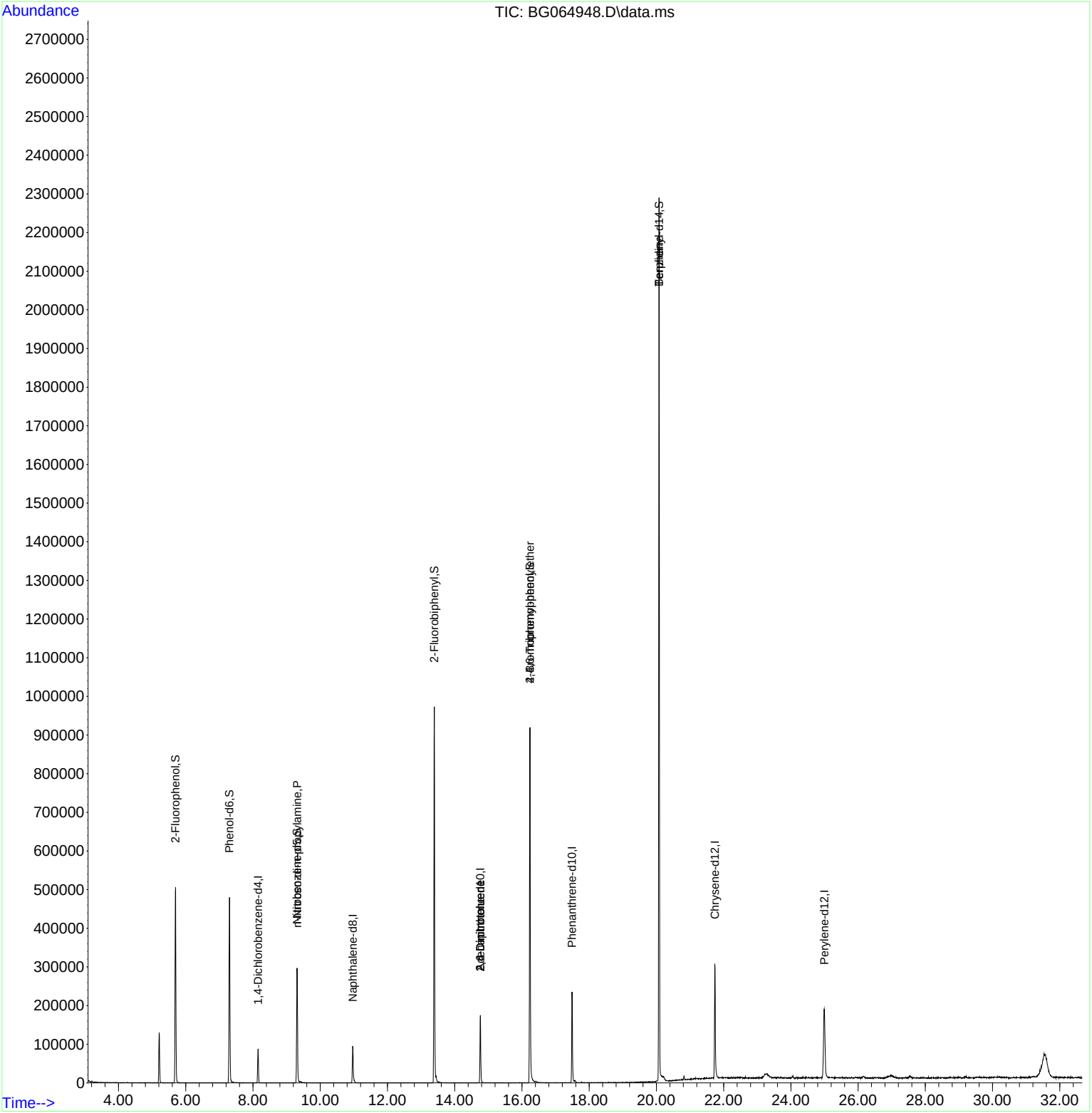
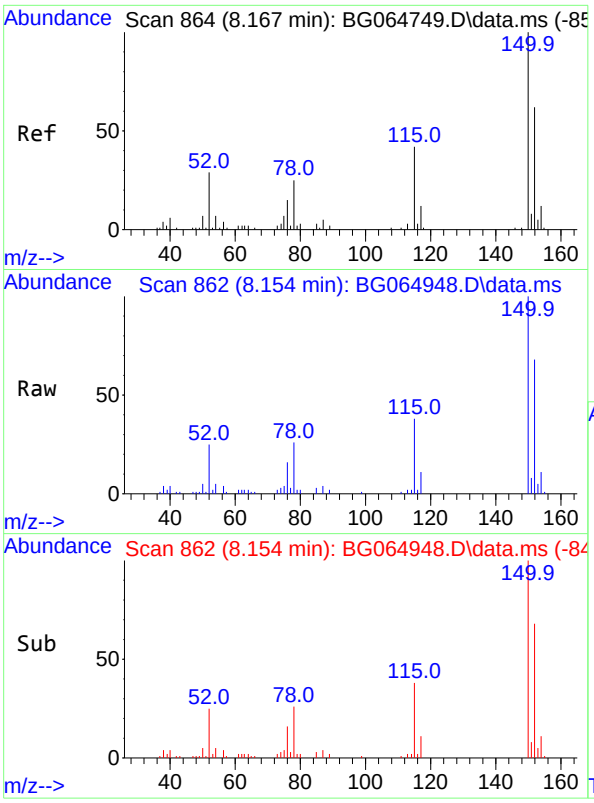


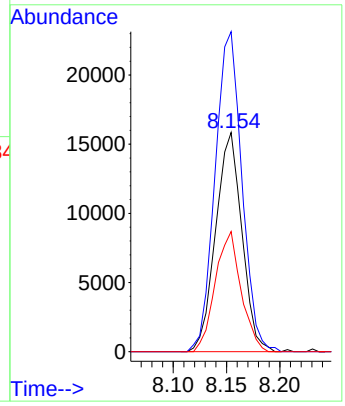


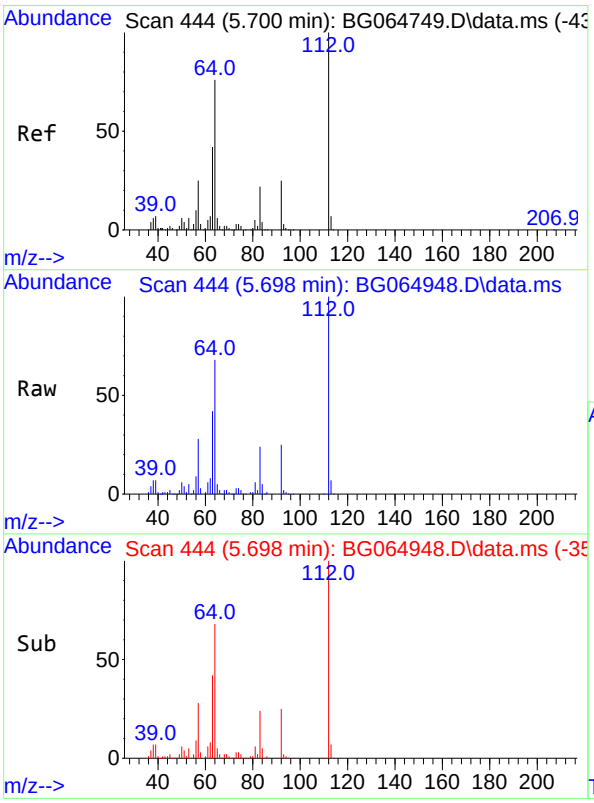
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.154 min Scan# 8
Delta R.T. -0.013 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Tgt Ion:152 Resp: 27086

Ion	Ratio	Lower	Upper
152	100		
150	146.0	129.2	193.8
115	54.9	53.7	80.5

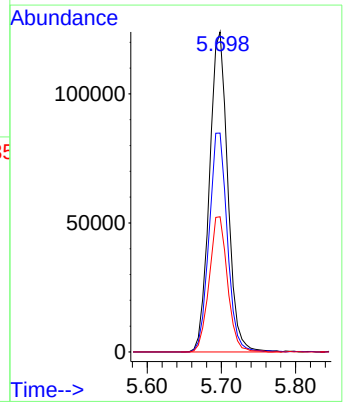


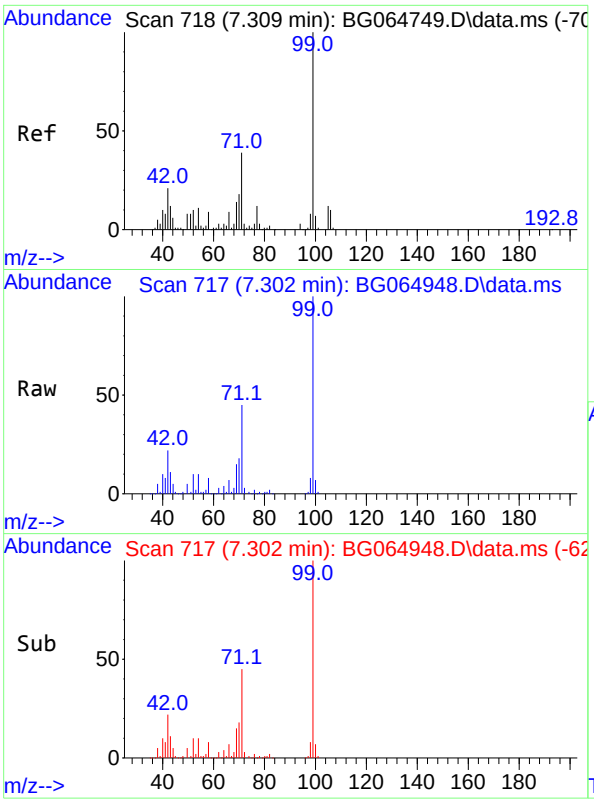


#5
2-Fluorophenol
Concen: 136.637 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.001 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion:112 Resp: 211941

Ion	Ratio	Lower	Upper
112	100		
64	68.4	61.0	91.4
63	42.2	33.3	49.9



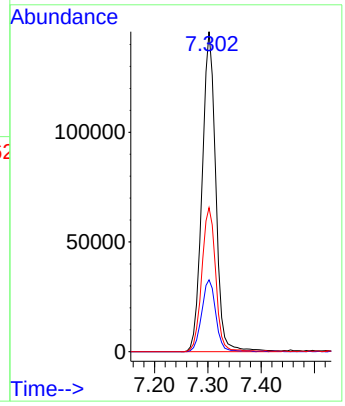


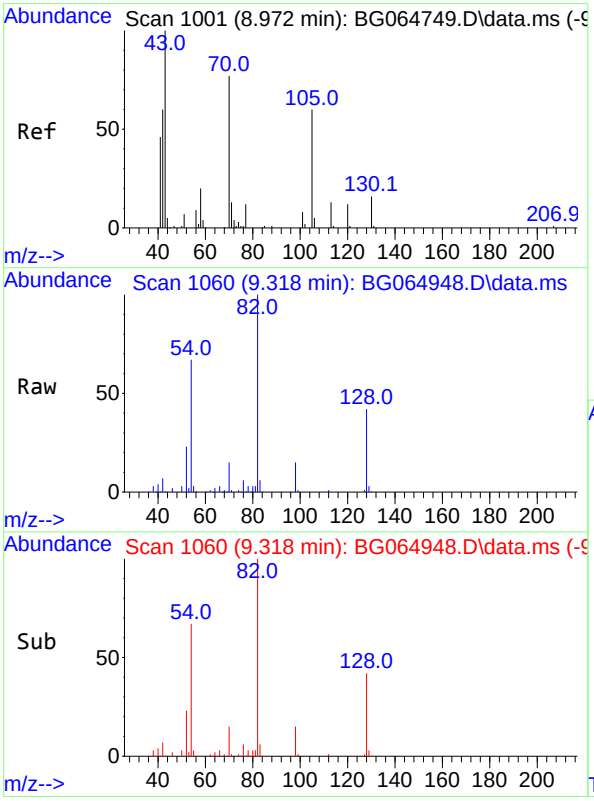
#7
Phenol-d6
Concen: 125.511 ng
RT: 7.302 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Tgt Ion: 99 Resp: 258938

Ion	Ratio	Lower	Upper
99	100		
42	22.5	16.8	25.2
71	45.0	31.1	46.7

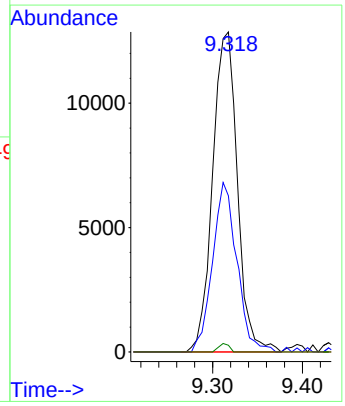


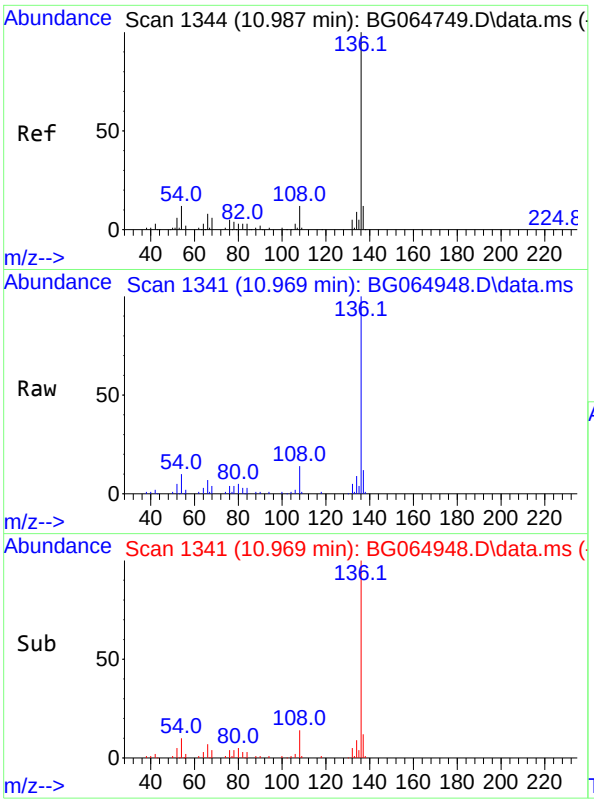


#19
n-Nitroso-di-n-propylamine
Concen: 17.642 ng
RT: 9.318 min Scan# 1060
Delta R.T. 0.345 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion: 70 Resp: 24610

Ion	Ratio	Lower	Upper
70	100		
42	48.8	62.6	93.8#
101	0.0	8.0	12.0#
130	2.1	16.5	24.7#



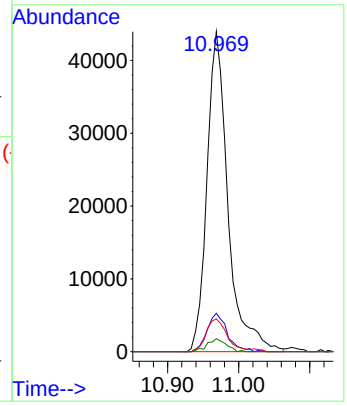


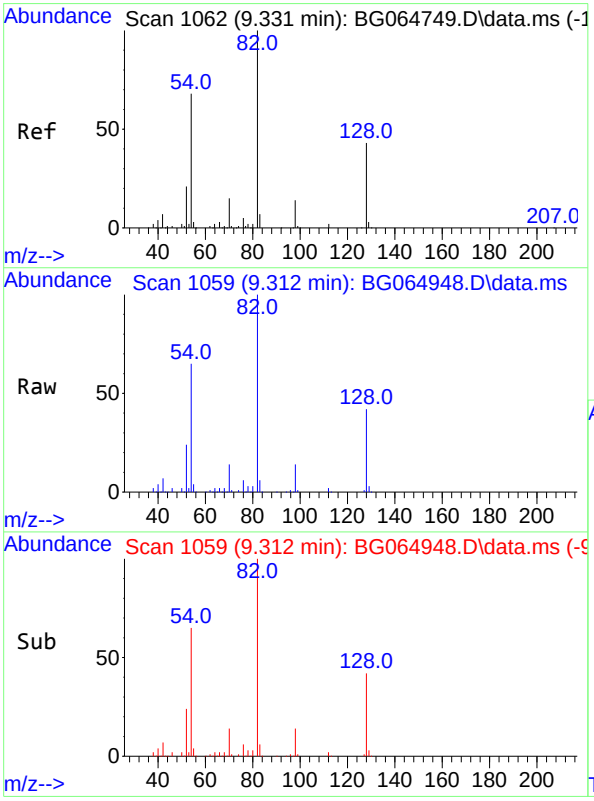
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Tgt Ion:136 Resp: 90427

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	10.2	9.3	13.9
68	4.1	5.0	7.6#

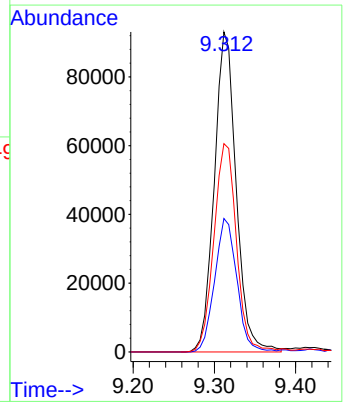


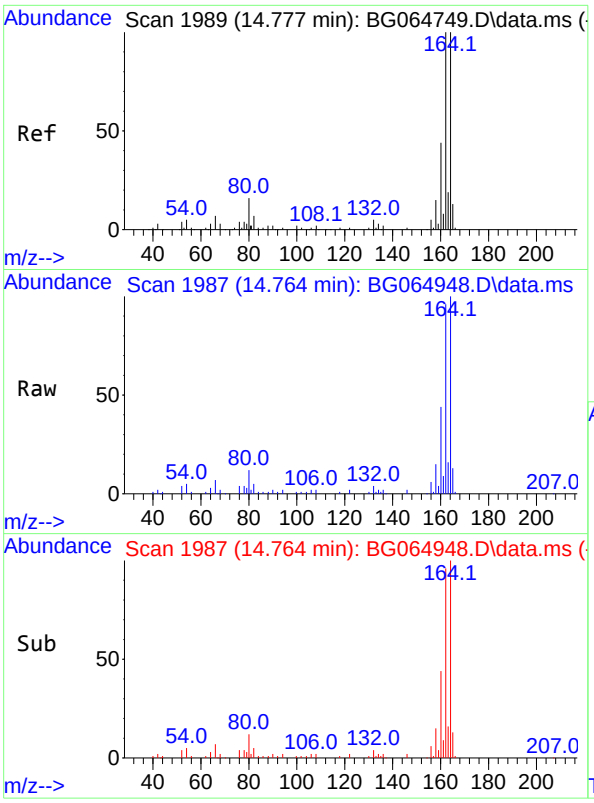


#23
Nitrobenzene-d5
Concen: 95.431 ng
RT: 9.312 min Scan# 1059
Delta R.T. -0.019 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion: 82 Resp: 174536

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.1	51.1
54	65.1	54.3	81.5



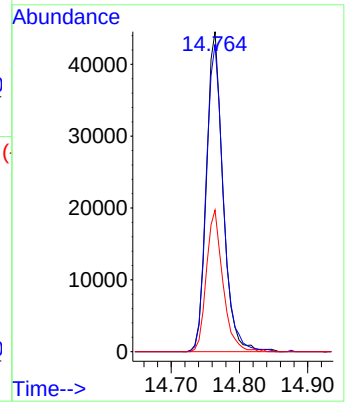


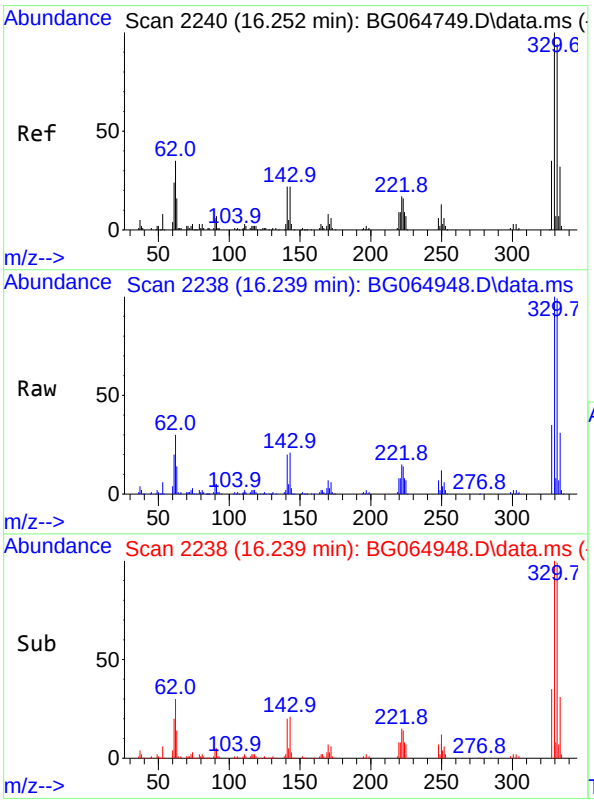
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.764 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Tgt Ion:164 Resp: 75129

Ion	Ratio	Lower	Upper
164	100		
162	96.1	79.8	119.6
160	44.3	34.9	52.3

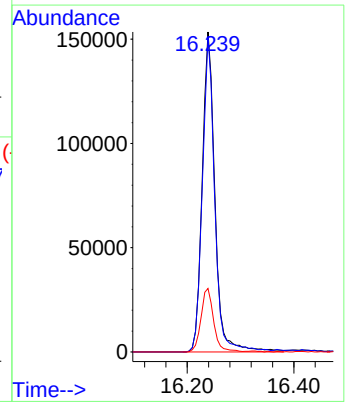


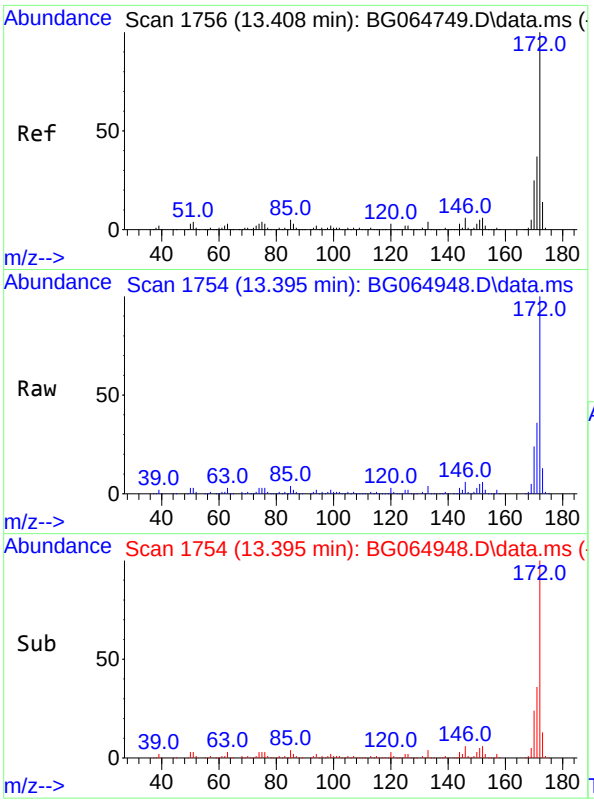


#42
2,4,6-Tribromophenol
Concen: 173.379 ng
RT: 16.239 min Scan# 2238
Delta R.T. -0.013 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion:330 Resp: 254043

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	19.8	18.2	27.2



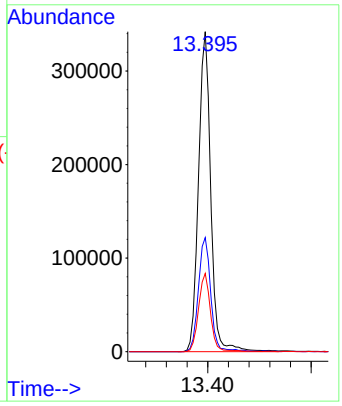


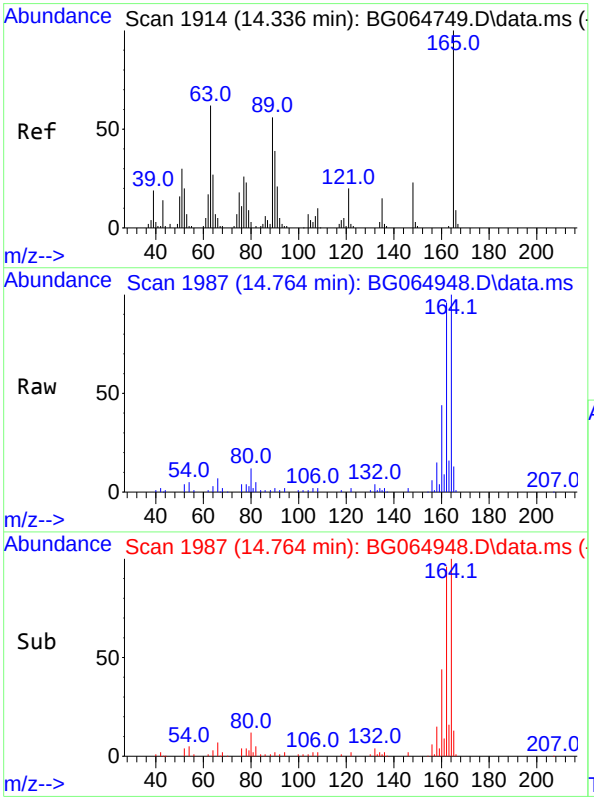
#45
2-Fluorobiphenyl
Concen: 104.099 ng
RT: 13.395 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Tgt Ion:172 Resp: 560495

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	24.5	19.8	29.6

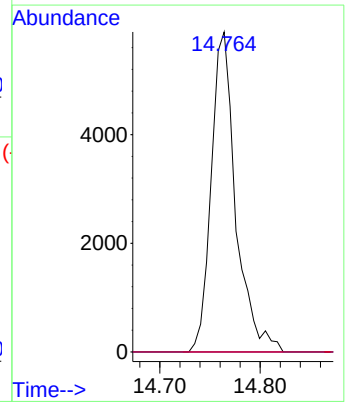


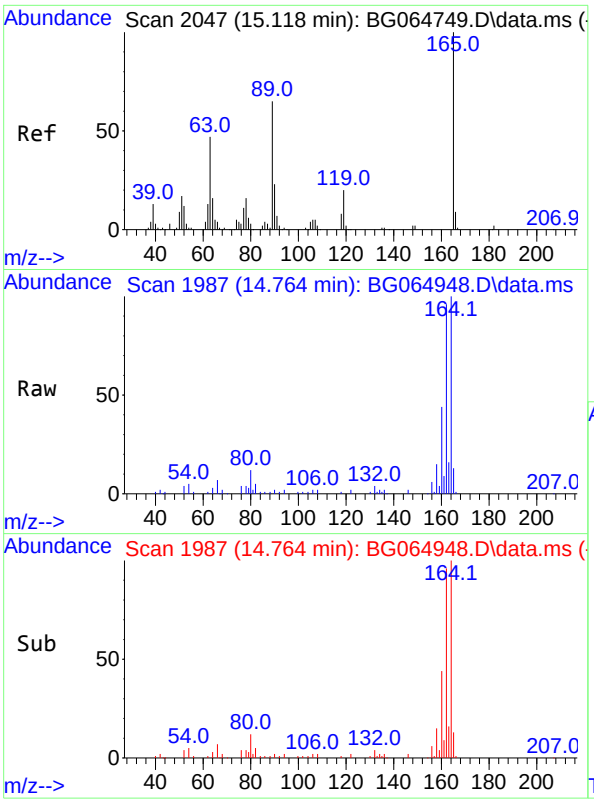


#51
2,6-Dinitrotoluene
Concen: 8.766 ng
RT: 14.764 min Scan# 1987
Delta R.T. 0.428 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion:165 Resp: 10011

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



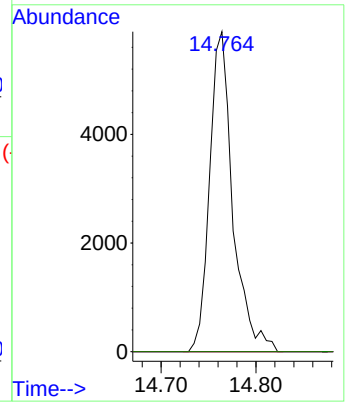


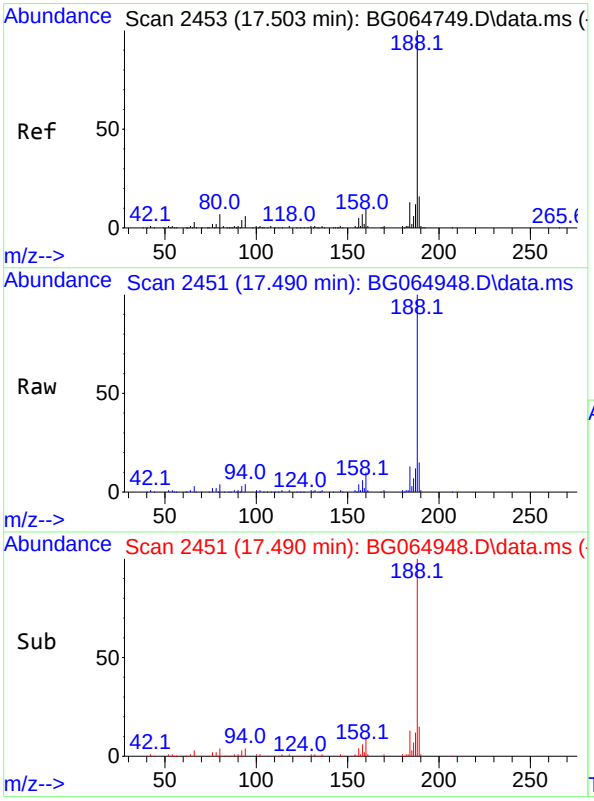
#57
2,4-Dinitrotoluene
Concen: 5.848 ng
RT: 14.764 min Scan# 1
Delta R.T. -0.354 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Tgt Ion:165 Resp: 10012

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#

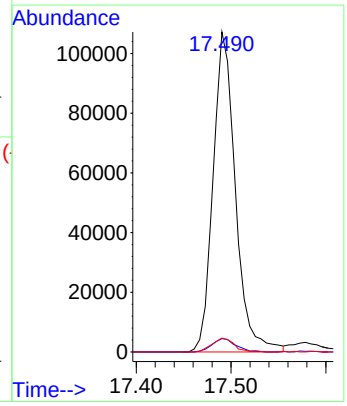


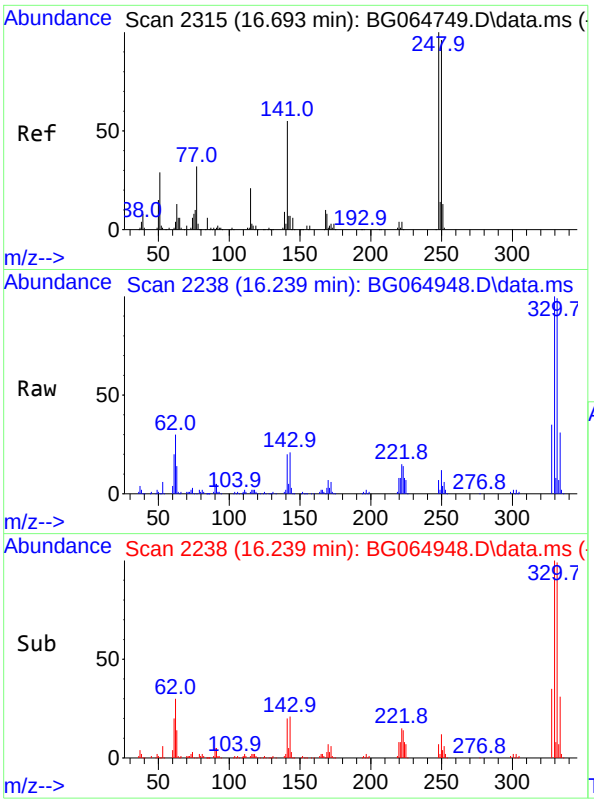


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.490 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion:188 Resp: 175739

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



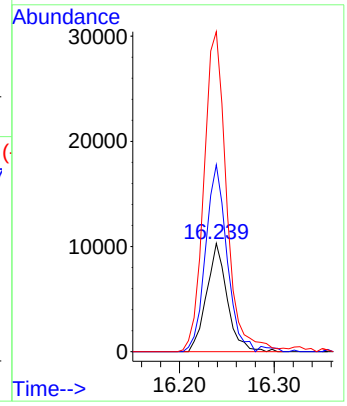


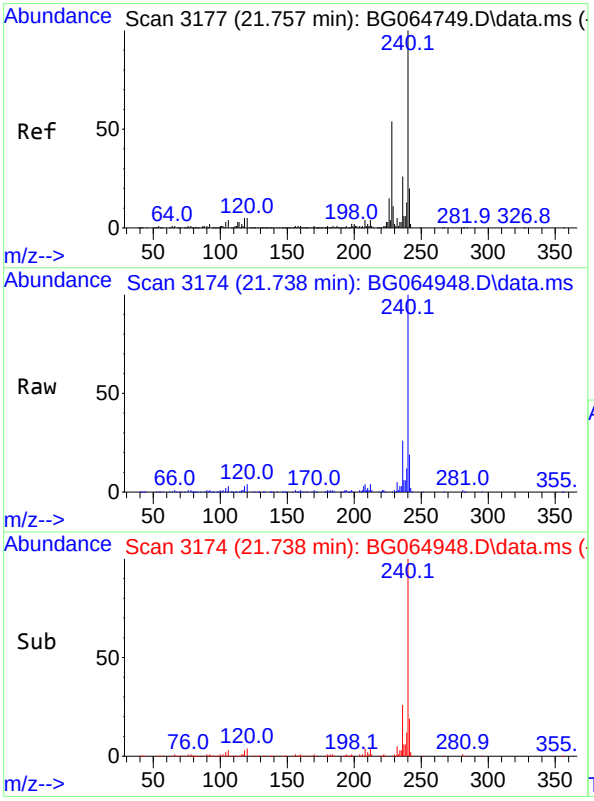
#67
4-Bromophenyl-phenylether
Concen: 6.737 ng
RT: 16.239 min Scan# 2
Delta R.T. -0.454 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Tgt Ion:248 Resp: 15547

Ion	Ratio	Lower	Upper
248	100		
250	228.5	77.0	115.6#
141	295.6	43.7	65.5#

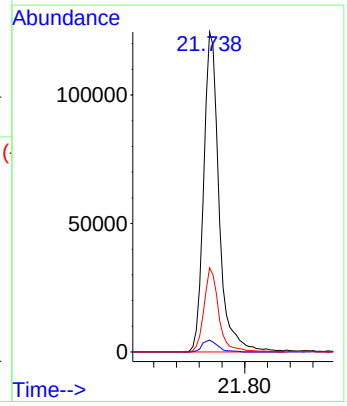


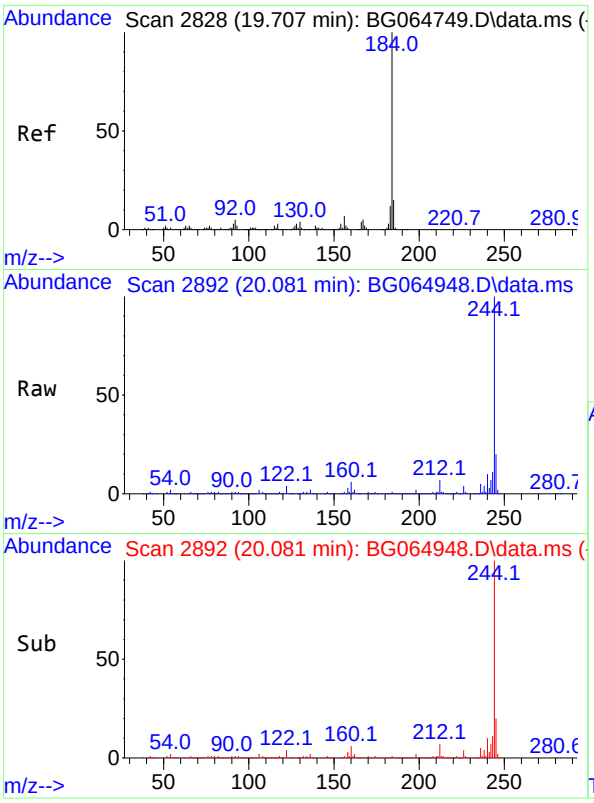


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 3174
Delta R.T. -0.019 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion:240 Resp: 233950

Ion	Ratio	Lower	Upper
240	100		
120	3.7	4.2	6.4#
236	26.3	20.8	31.2



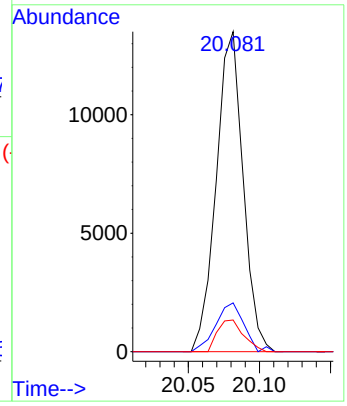


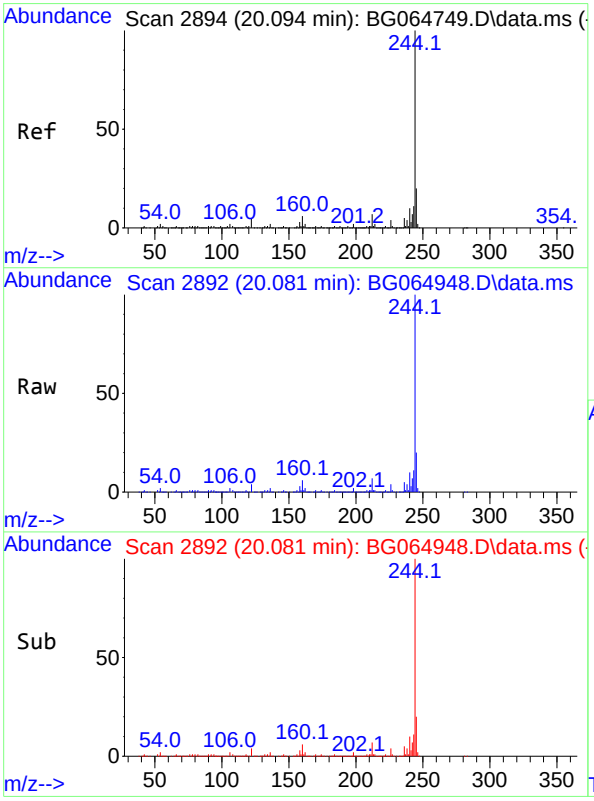
#77
Benzidine
Concen: 2.528 ng
RT: 20.081 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Tgt Ion:184 Resp: 17711

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.6
183	9.9	9.8	14.6

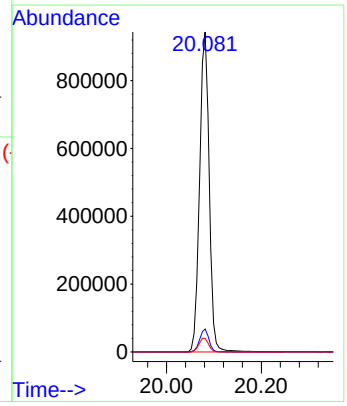


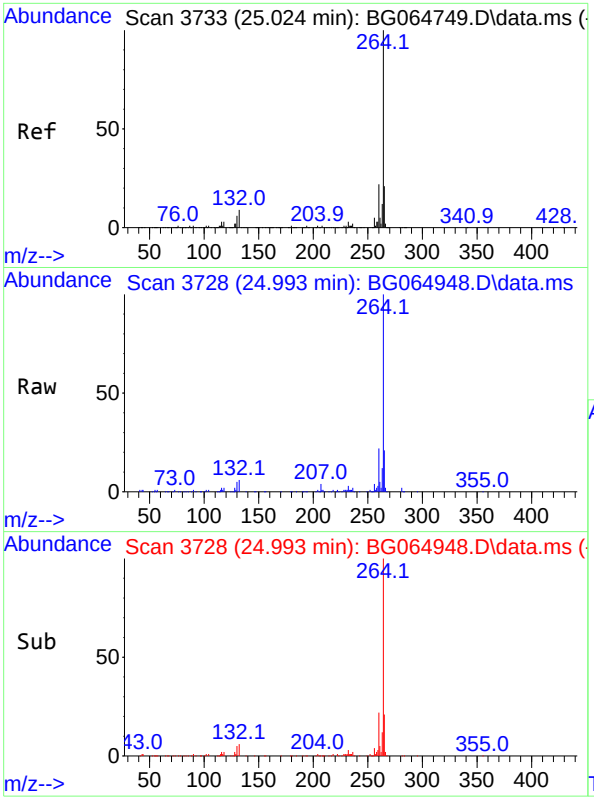


#79
Terphenyl-d14
Concen: 111.497 ng
RT: 20.081 min Scan# 2892
Delta R.T. -0.013 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion:244 Resp: 1326053

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	4.2	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.993 min Scan# 3
Delta R.T. -0.031 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Instrument :
BNA_G
ClientSampleId :
PB170874TB

Tgt Ion:264 Resp: 255464

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.2	25.8
265	21.5	16.6	25.0