Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064933.D
Acq On : 11 Dec 2025 14:11
Operator : RC/JU
Sample : PB170902BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 11 14:51:14 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	8.155	152	20589	20.000	ng	-0.01
21) Naphthalene-d8	10.975	136	71913	20.000	ng	#-0.01
39) Acenaphthene-d10	14.765	164	62187	20.000	ng	-0.01
64) Phenanthrene-d10	17.497	188	162046	20.000	ng	# 0.00
76) Chrysene-d12	21.745	240	206795	20.000	ng	#-0.01
86) Perylene-d12	25.006	264	233251	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	152472	129.316	ng	0.00
7) Phenol-d6	7.309	99	187489	119.556	ng	0.00
23) Nitrobenzene-d5	9.318	82	127561	87.703	ng	-0.01
42) 2,4,6-Tribromophenol	16.245	330	197502	162.843	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	405750	91.042	ng	-0.01
79) Terphenyl-d14	20.088	244	1075926	102.345	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.318	70	18523	17.469	ng	# 69
51) 2,6-Dinitrotoluene	14.765	165	8428	8.916	ng	# 21
57) 2,4-Dinitrotoluene	14.765	165	8428	5.947	ng	# 24
67) 4-Bromophenyl-phenylether	16.245	248	11073	5.203	ng	# 1
77) Benzidine	20.082	184	16499	2.664	ng	# 90

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

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Misc :
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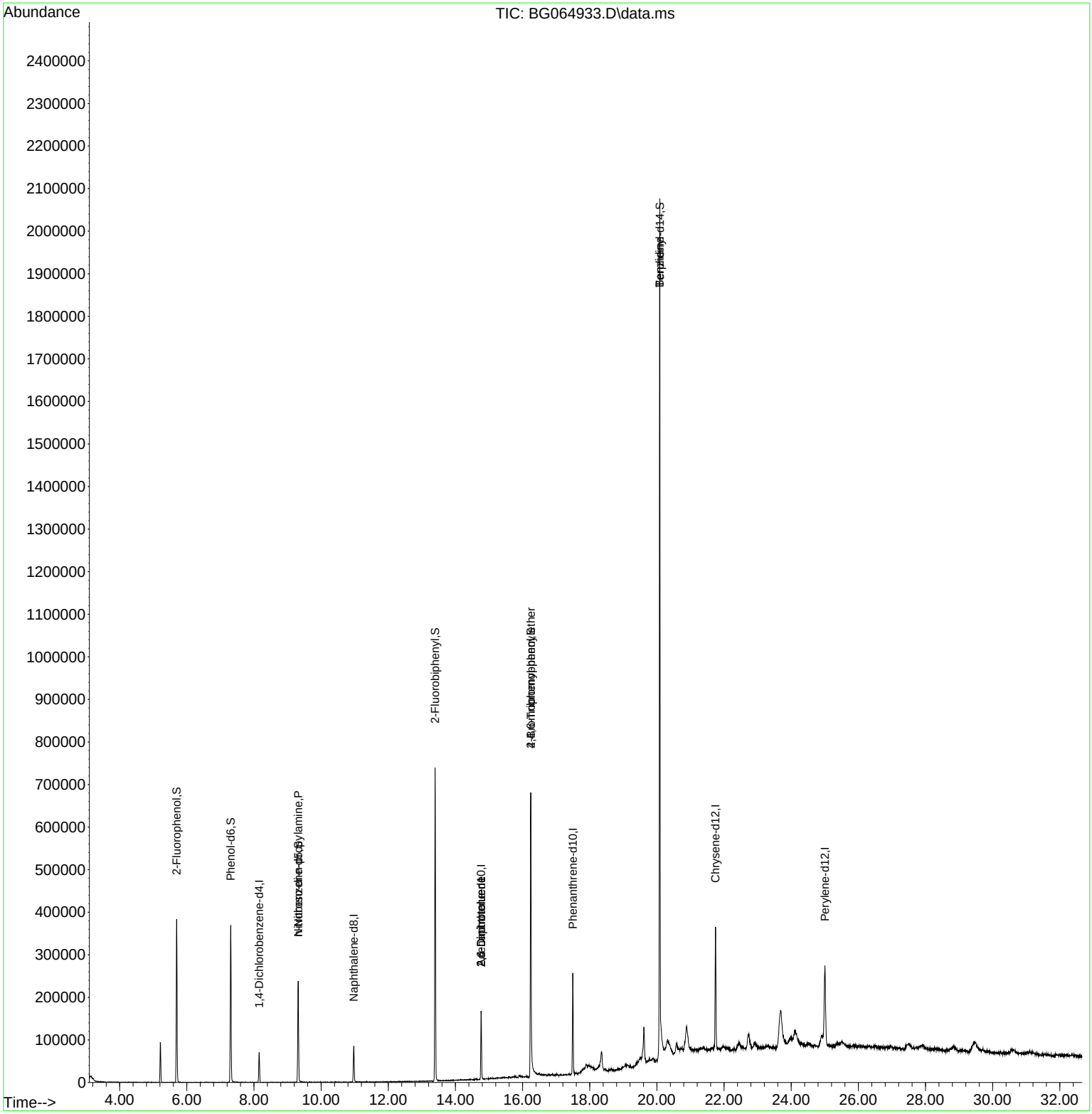
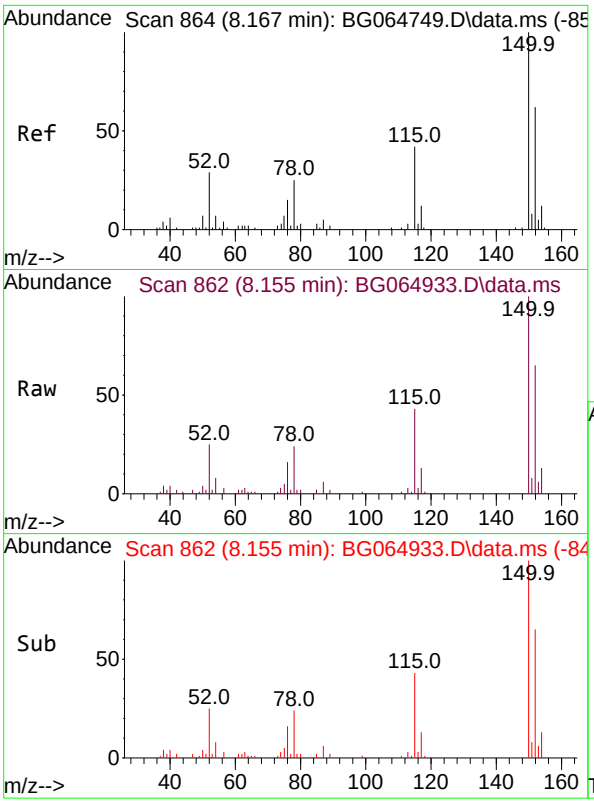


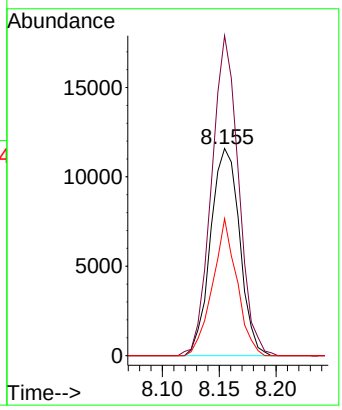


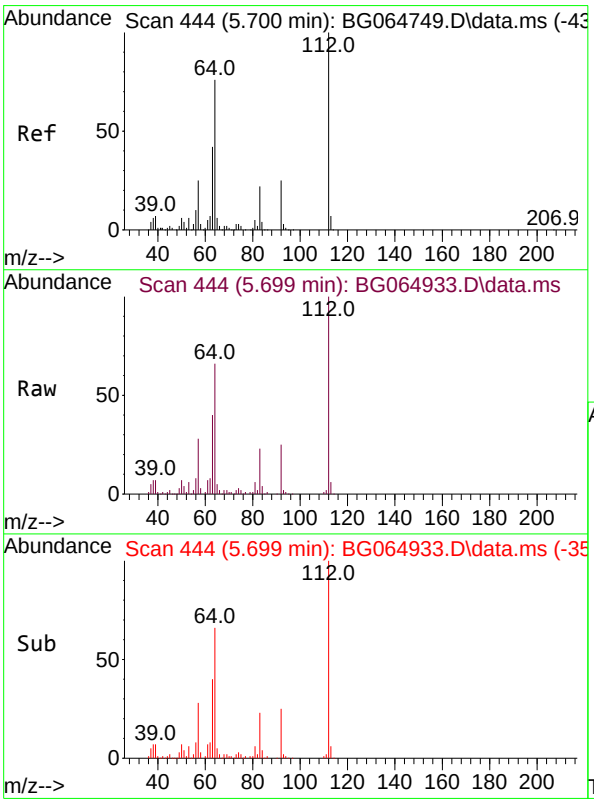
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.155 min Scan# 8
Delta R.T. -0.012 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 20589

Ion	Ratio	Lower	Upper
152	100		
150	154.5	129.2	193.8
115	66.1	53.7	80.5

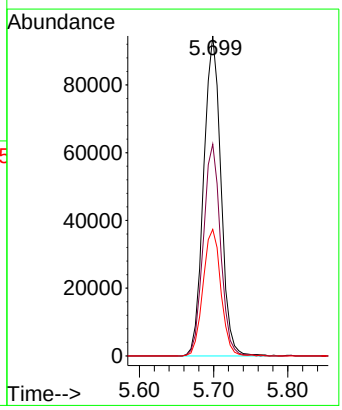


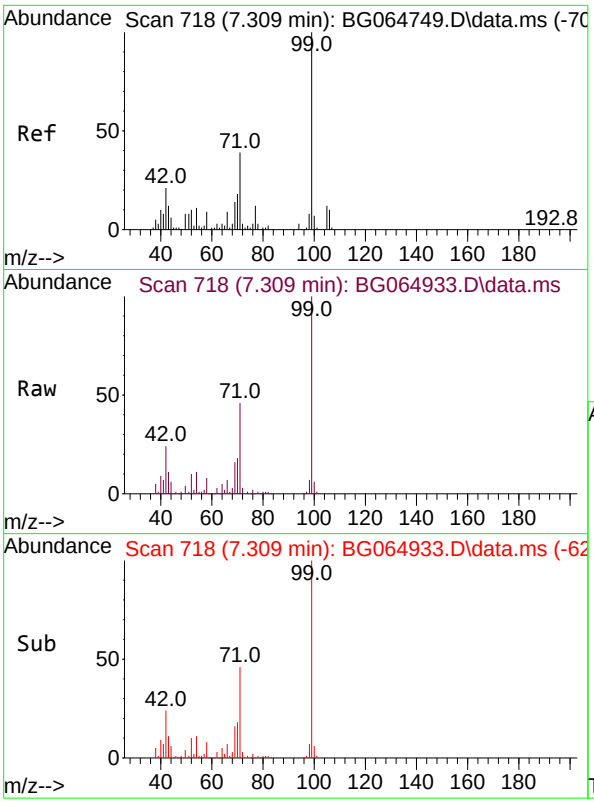


#5
2-Fluorophenol
Concen: 129.316 ng
RT: 5.699 min Scan# 444
Delta R.T. -0.001 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Tgt Ion:112 Resp: 152472

Ion	Ratio	Lower	Upper
112	100		
64	66.2	61.0	91.4
63	39.5	33.3	49.9



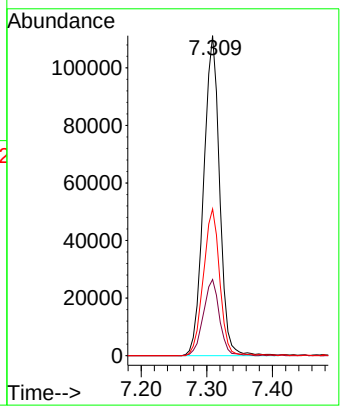


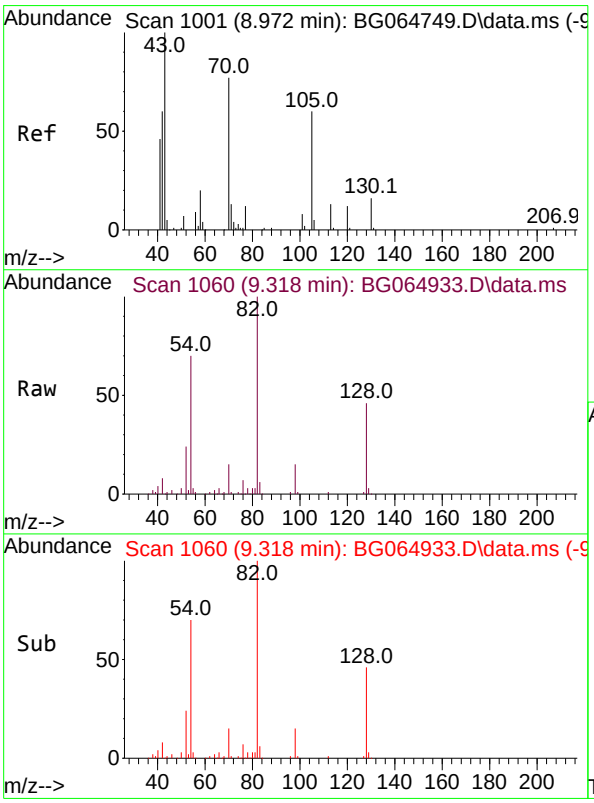
#7
Phenol-d6
Concen: 119.556 ng
RT: 7.309 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 187489

Ion	Ratio	Lower	Upper
99	100		
42	23.8	16.8	25.2
71	45.8	31.1	46.7

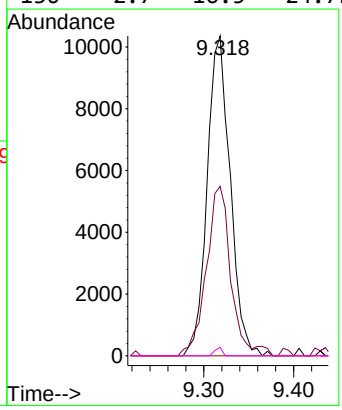


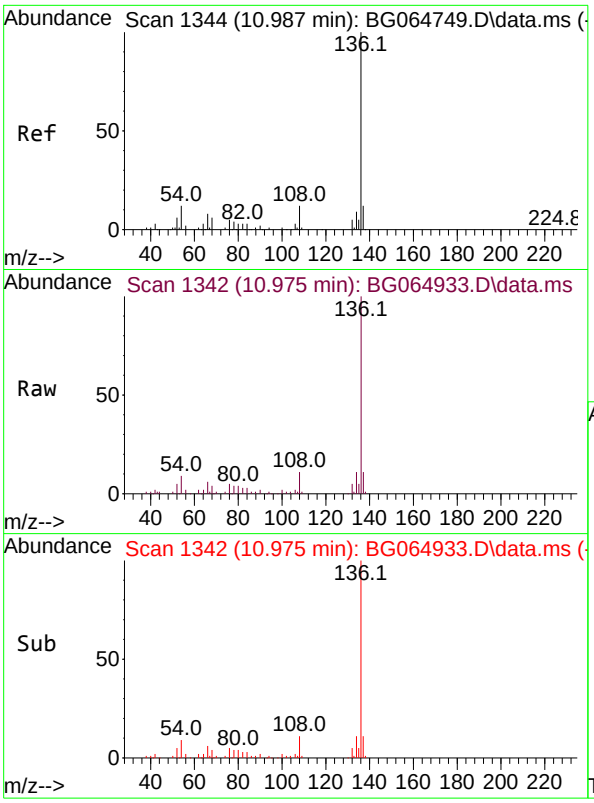


#19
n-Nitroso-di-n-propylamine
Concen: 17.469 ng
RT: 9.318 min Scan# 1060
Delta R.T. 0.346 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Tgt Ion: 70 Resp: 18523

Ion	Ratio	Lower	Upper
70	100		
42	53.0	62.6	93.8#
101	0.0	8.0	12.0#
130	2.7	16.5	24.7#



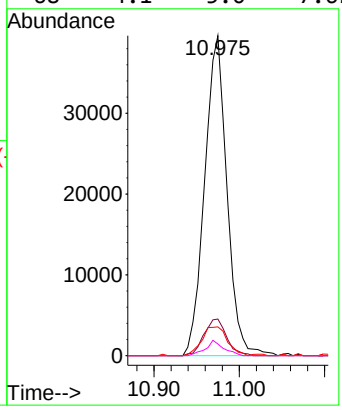


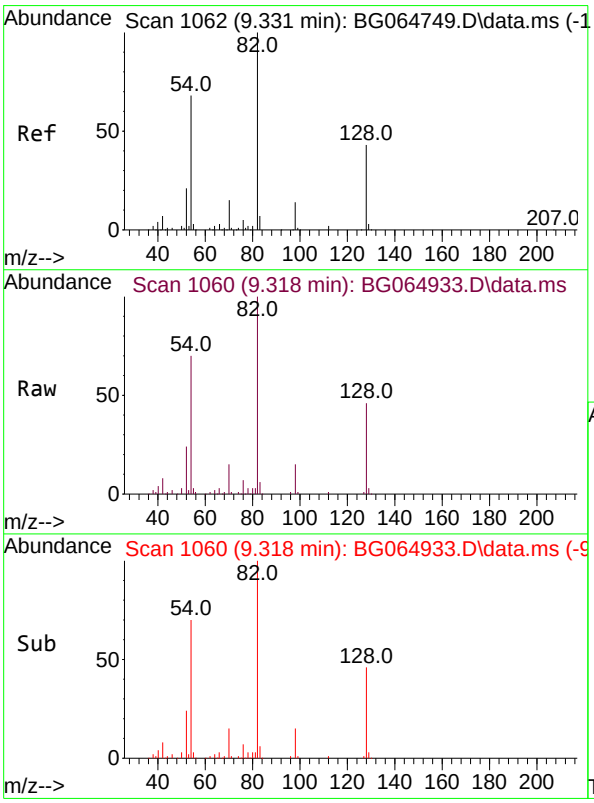
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 71913

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.0	9.3	13.9#
68	4.1	5.0	7.6#

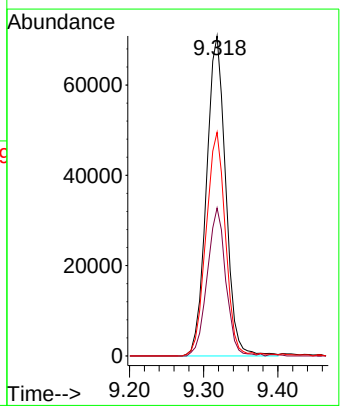


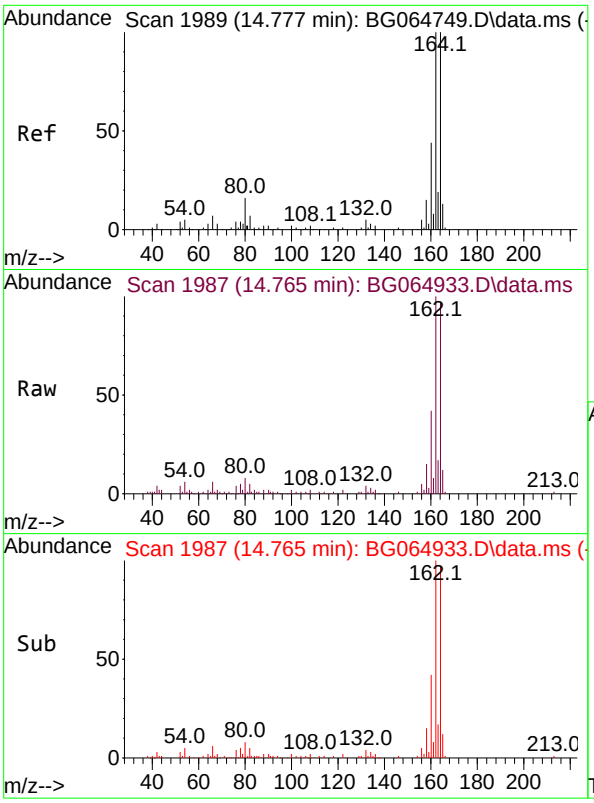


#23
Nitrobenzene-d5
Concen: 87.703 ng
RT: 9.318 min Scan# 1060
Delta R.T. -0.013 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Tgt Ion: 82 Resp: 127561

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.1	51.1
54	69.9	54.3	81.5



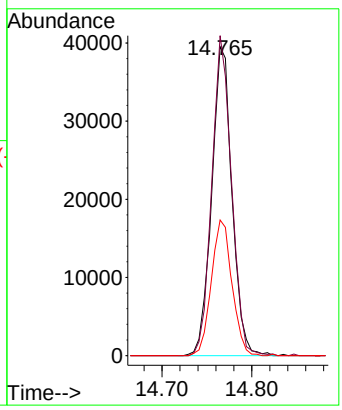


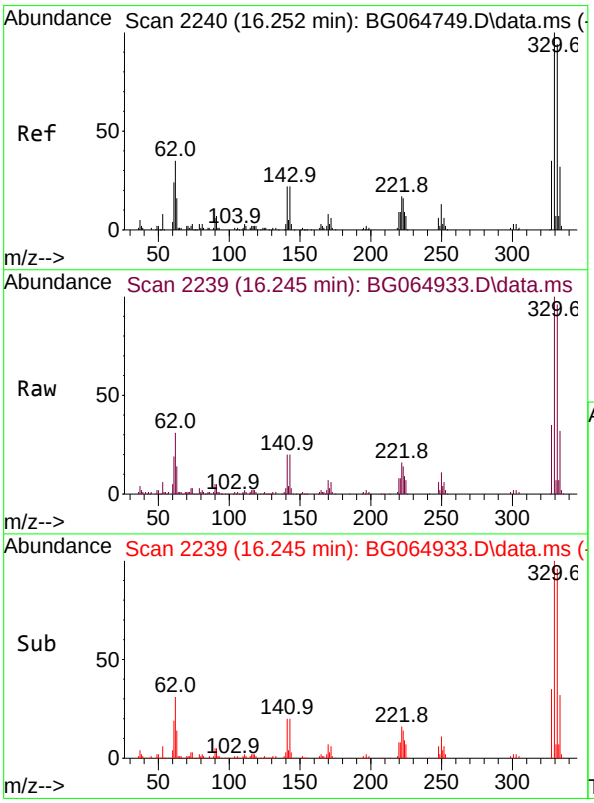
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.765 min Scan# 19
Delta R.T. -0.013 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 62187

Ion	Ratio	Lower	Upper
164	100		
162	103.6	79.8	119.6
160	43.9	34.9	52.3

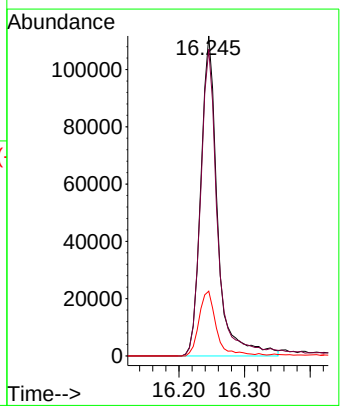


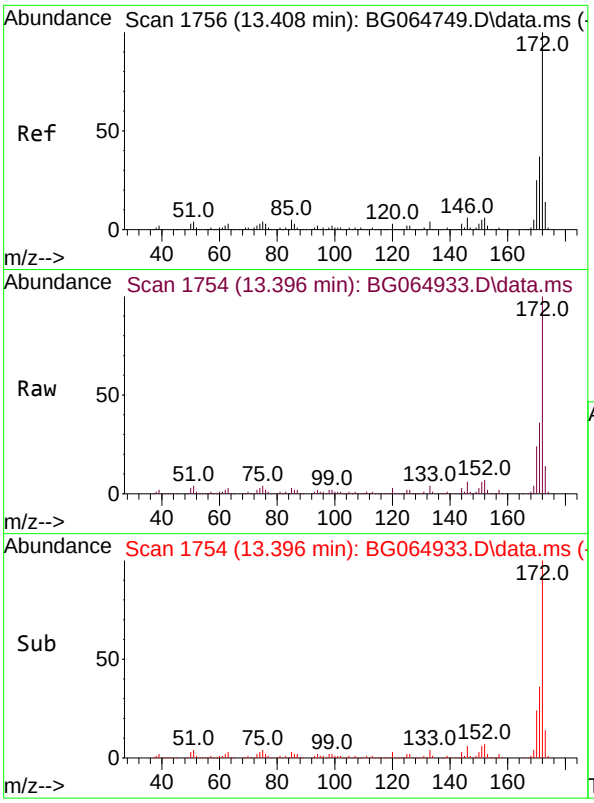


#42
2,4,6-Tribromophenol
Concen: 162.843 ng
RT: 16.245 min Scan# 2239
Delta R.T. -0.007 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Tgt Ion:330 Resp: 197502

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	20.7	18.2	27.2



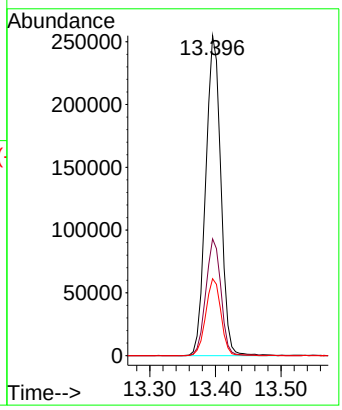


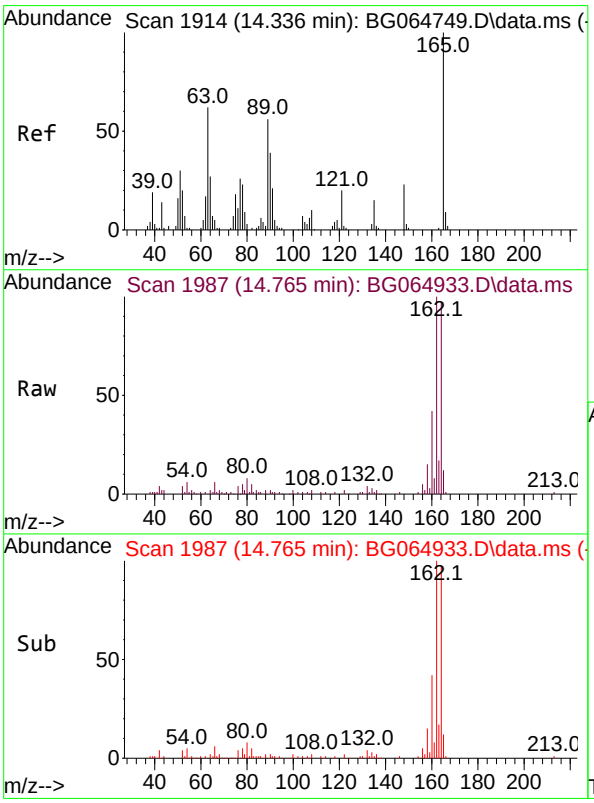
#45
2-Fluorobiphenyl
Concen: 91.042 ng
RT: 13.396 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 405750

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.0	19.8	29.6

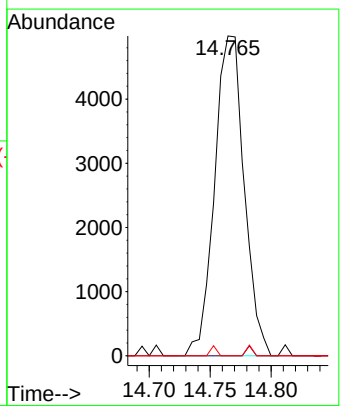


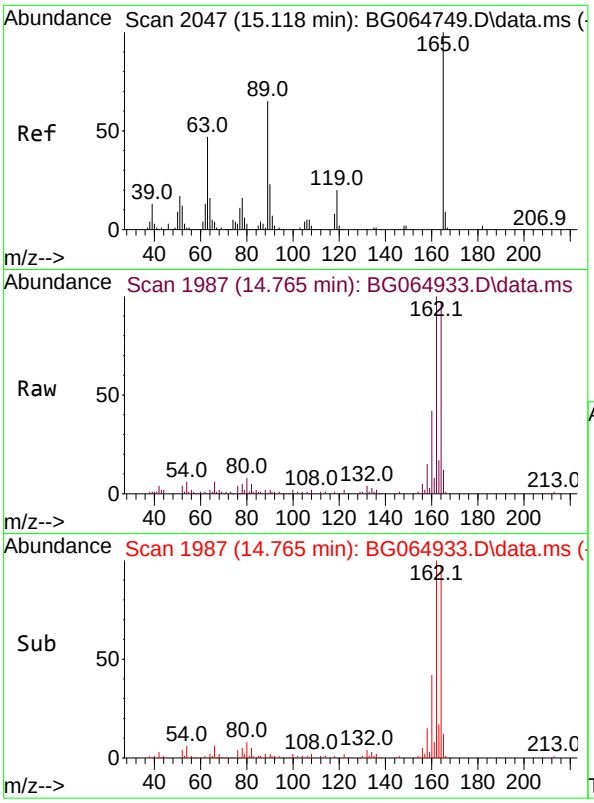


#51
2,6-Dinitrotoluene
Concen: 8.916 ng
RT: 14.765 min Scan# 1987
Delta R.T. 0.428 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Tgt Ion:165 Resp: 8428

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



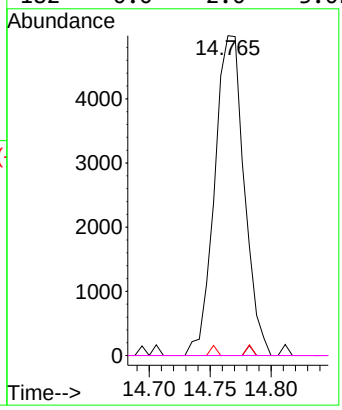


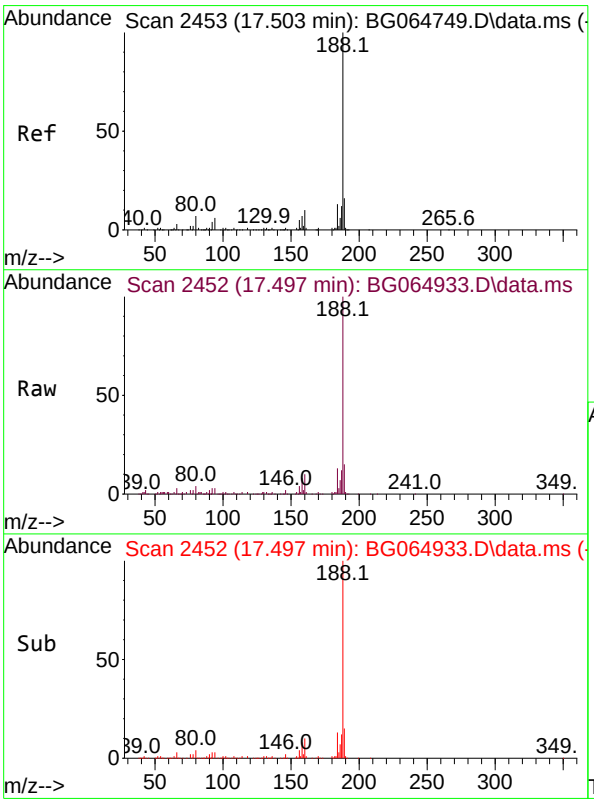
#57
2,4-Dinitrotoluene
Concen: 5.947 ng
RT: 14.765 min Scan# 19
Delta R.T. -0.353 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 8428

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#

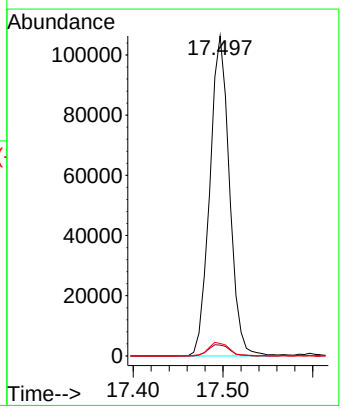


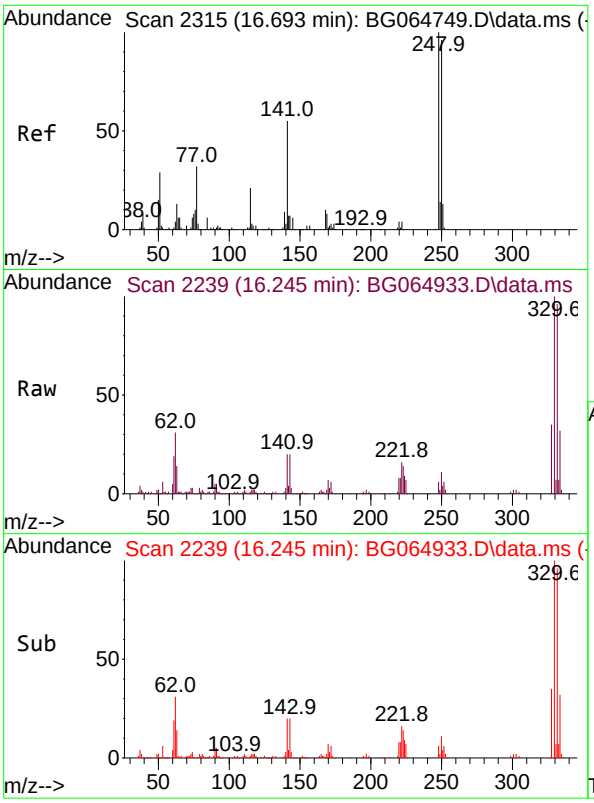


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2452
Delta R.T. -0.007 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Tgt Ion:188 Resp: 162046

Ion	Ratio	Lower	Upper
188	100		
94	3.4	4.7	7.1#
80	3.9	5.4	8.2#



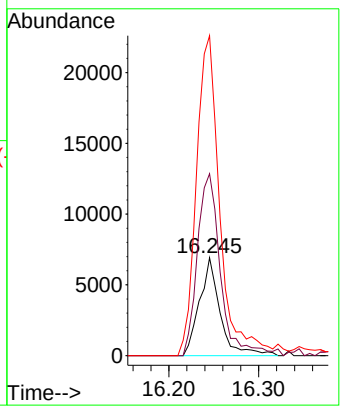


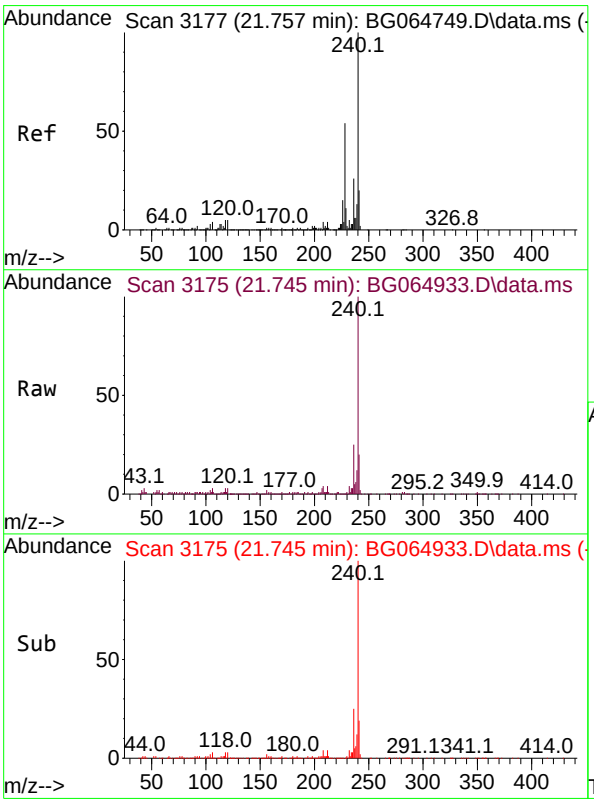
#67
4-Bromophenyl-phenylether
Concen: 5.203 ng
RT: 16.245 min Scan# 2
Delta R.T. -0.447 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11073

Ion	Ratio	Lower	Upper
248	100		
250	138.3	77.0	115.6#
141	243.5	43.7	65.5#

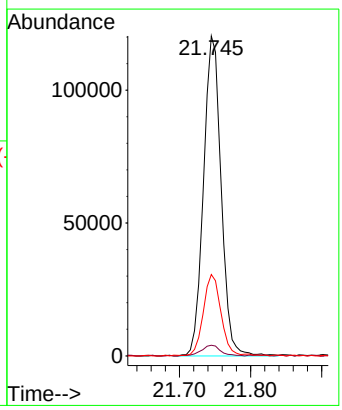


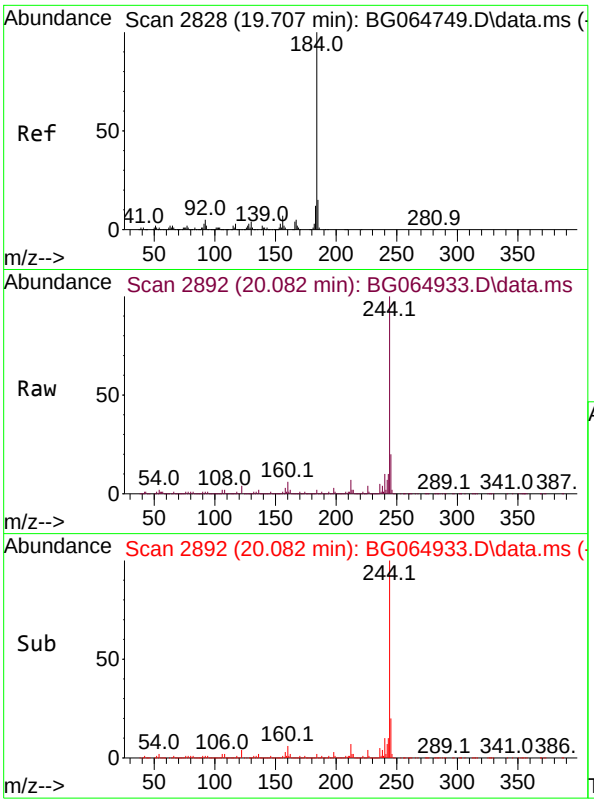


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.745 min Scan# 3175
Delta R.T. -0.013 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Tgt Ion:240 Resp: 206795

Ion	Ratio	Lower	Upper
240	100		
120	3.4	4.2	6.4#
236	25.4	20.8	31.2



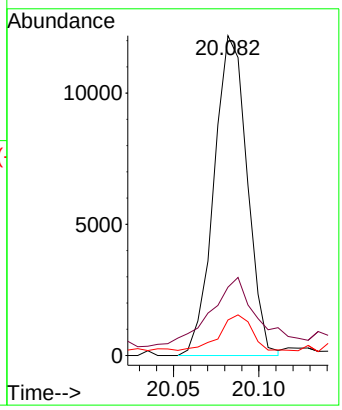


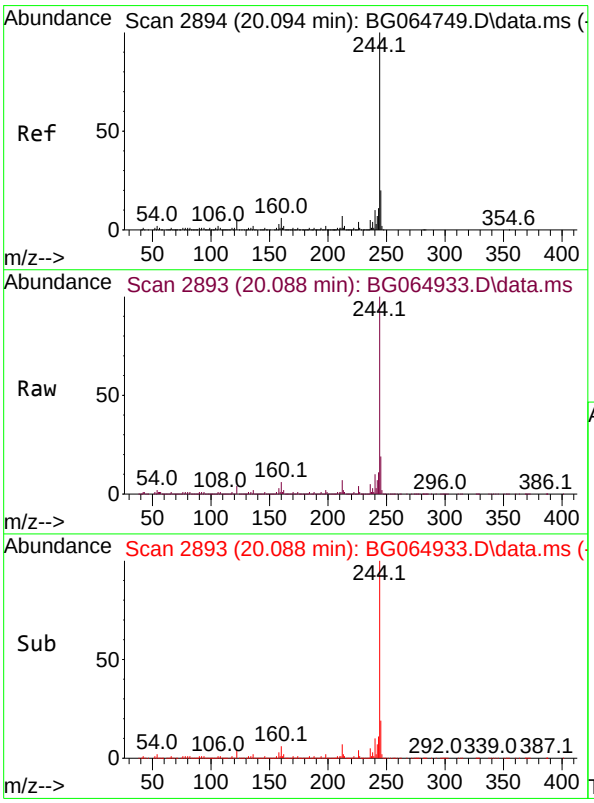
#77
Benzidine
Concen: 2.664 ng
RT: 20.082 min Scan# 28
Delta R.T. 0.375 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 16499

Ion	Ratio	Lower	Upper
184	100		
185	21.4	11.8	17.6#
183	11.1	9.8	14.6

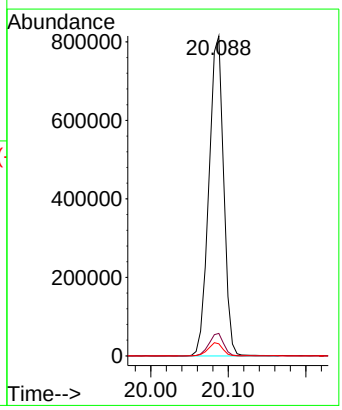


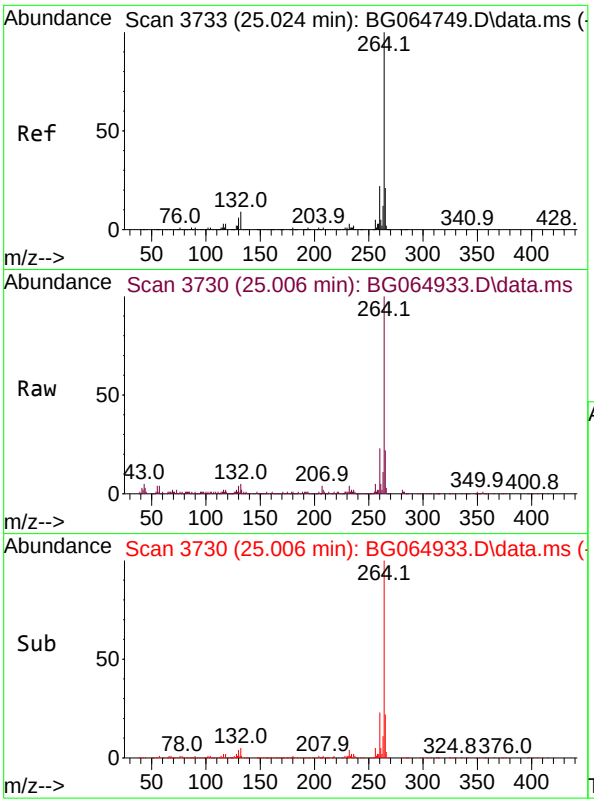


#79
Terphenyl-d14
Concen: 102.345 ng
RT: 20.088 min Scan# 2893
Delta R.T. -0.007 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Tgt Ion:244 Resp: 1075926

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	3.8	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG064933.D
Acq: 11 Dec 2025 14:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 233251

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.2	25.8
265	22.5	16.6	25.0