Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064771.D
Acq On : 14 Nov 2025 00:51
Operator : RC/JU
Sample : Q3609-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Quant Time: Nov 14 05:06:13 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	8.165	152	35095	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	128750	20.000	ng	# 0.00
39) Acenaphthene-d10	14.775	164	101421	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	245986	20.000	ng	0.00
76) Chrysene-d12	21.749	240	330051	20.000	ng	0.00
86) Perylene-d12	25.004	264	330118	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	241977	120.400	ng	0.00
7) Phenol-d6	7.307	99	282543	105.699	ng	0.00
23) Nitrobenzene-d5	9.322	82	220663	84.739	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	245311	124.018	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	584506	80.416	ng	0.00
79) Terphenyl-d14	20.086	244	1378740	82.172	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	15085	19.388	ng	# 1
19) n-Nitroso-di-n-propyla...	9.322	70	29473	16.307	ng	# 64
51) 2,6-Dinitrotoluene	14.769	165	12702	8.239	ng	# 21
57) 2,4-Dinitrotoluene	14.769	165	12702	5.496	ng	# 24
67) 4-Bromophenyl-phenylether	16.249	248	15238	4.717	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
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Acq On : 14 Nov 2025 00:51
Operator : RC/JU
Sample : Q3609-12
Misc :
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Instrument :
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Quant Time: Nov 14 05:06:13 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
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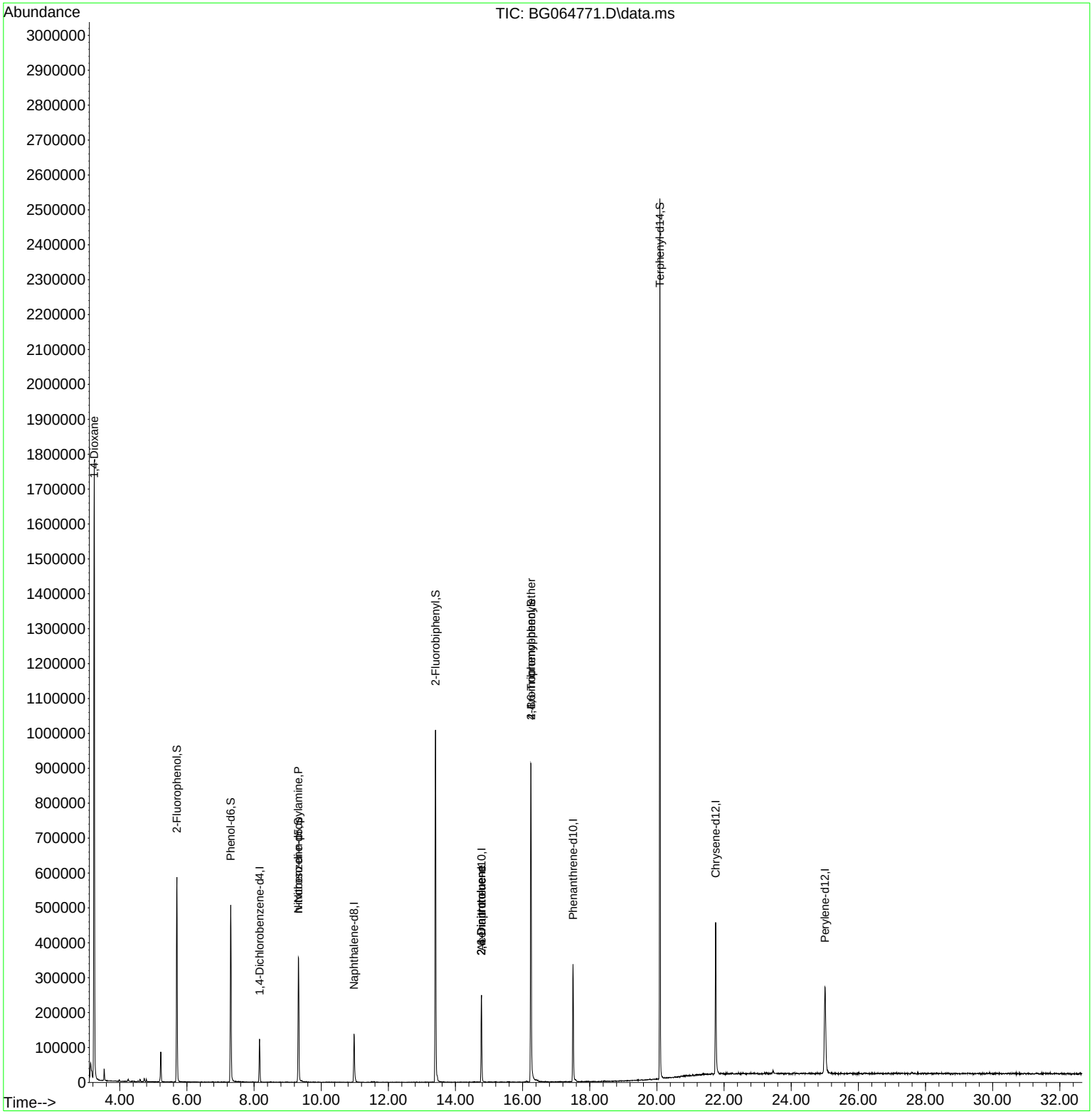
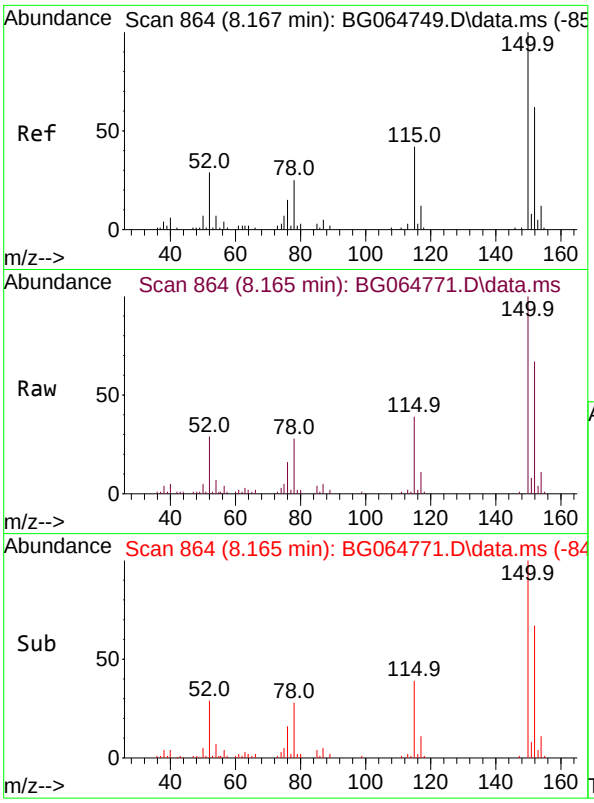


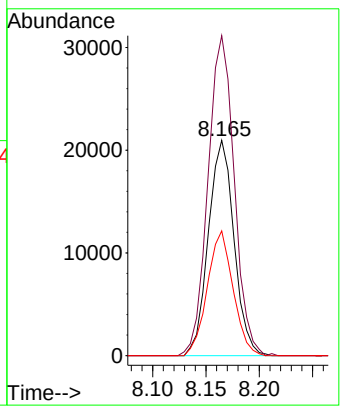


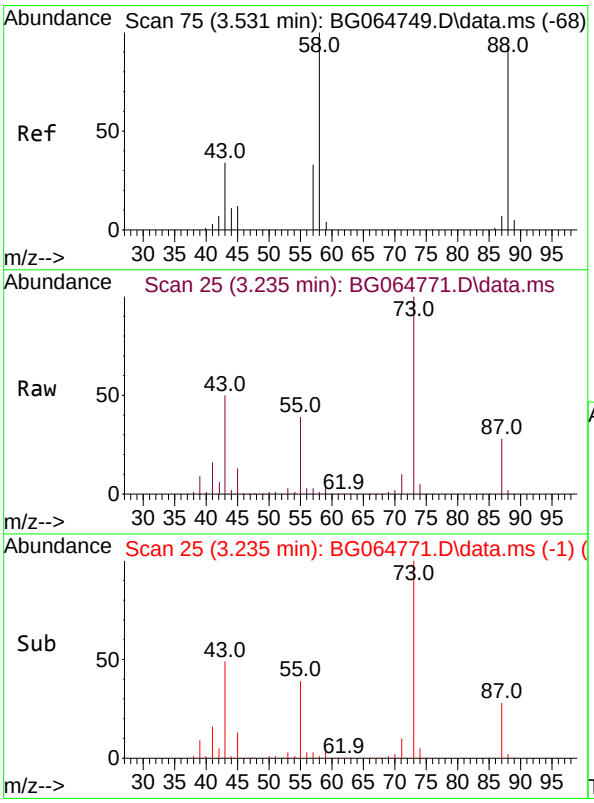
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion:152 Resp: 35095

Ion	Ratio	Lower	Upper
152	100		
150	148.6	129.2	193.8
115	57.9	53.7	80.5

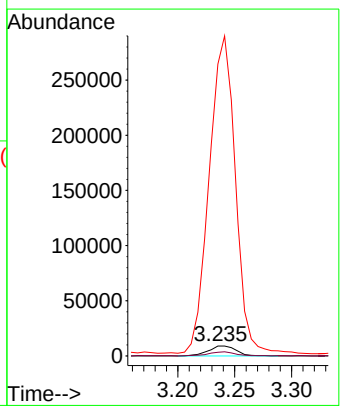


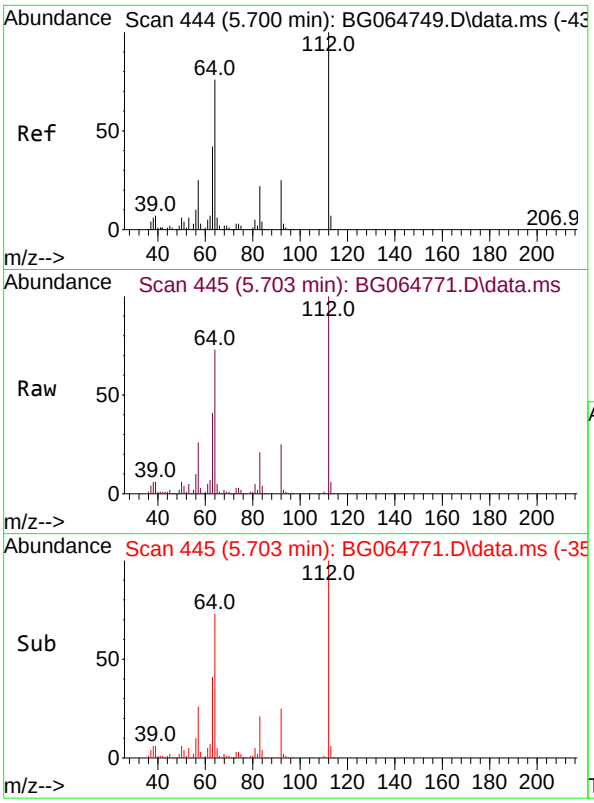


#2
1,4-Dioxane
Concen: 19.388 ng
RT: 3.235 min Scan# 25
Delta R.T. -0.296 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion: 88 Resp: 15085

Ion	Ratio	Lower	Upper
88	100		
58	40.7	84.6	126.8#
43	3068.1	30.0	45.0#



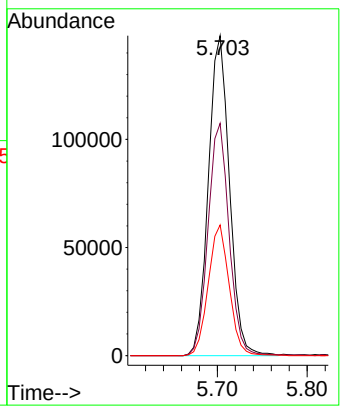


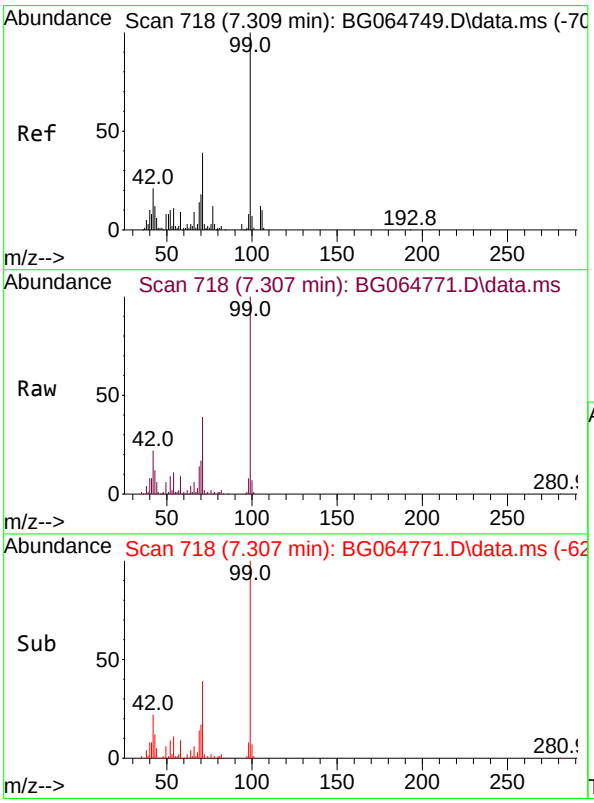
#5
2-Fluorophenol
Concen: 120.400 ng
RT: 5.703 min Scan# 44
Delta R.T. 0.003 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion:112 Resp: 241977

Ion	Ratio	Lower	Upper
112	100		
64	72.6	61.0	91.4
63	40.8	33.3	49.9

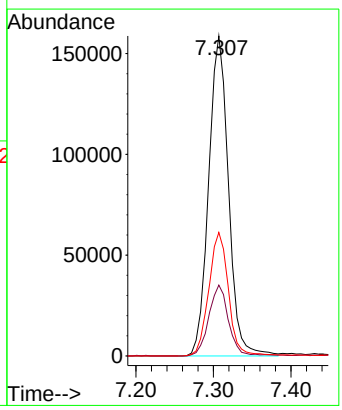


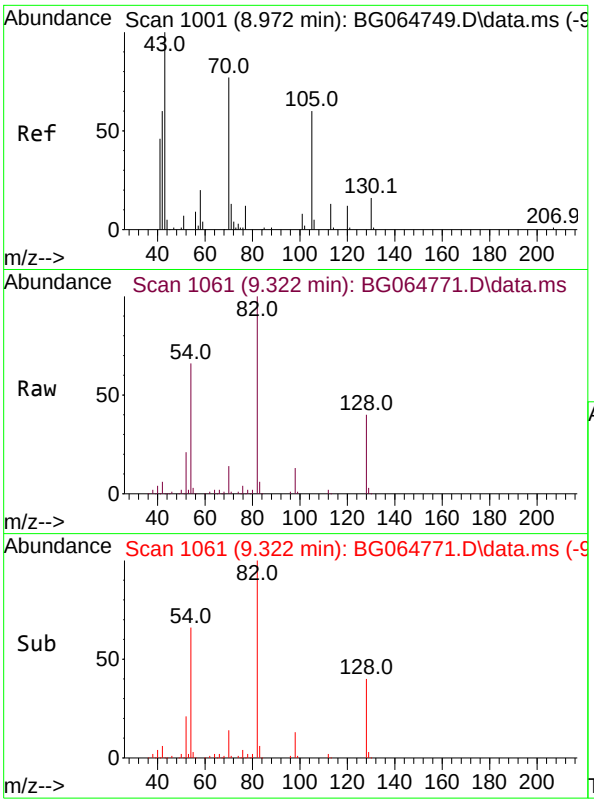


#7
Phenol-d6
Concen: 105.699 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion: 99 Resp: 282543

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.8	25.2
71	38.6	31.1	46.7



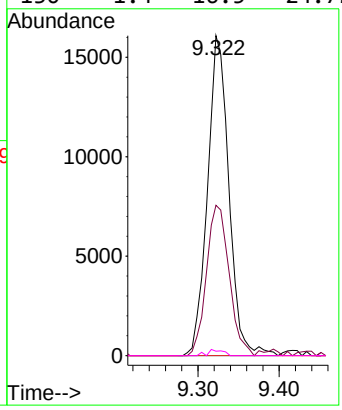


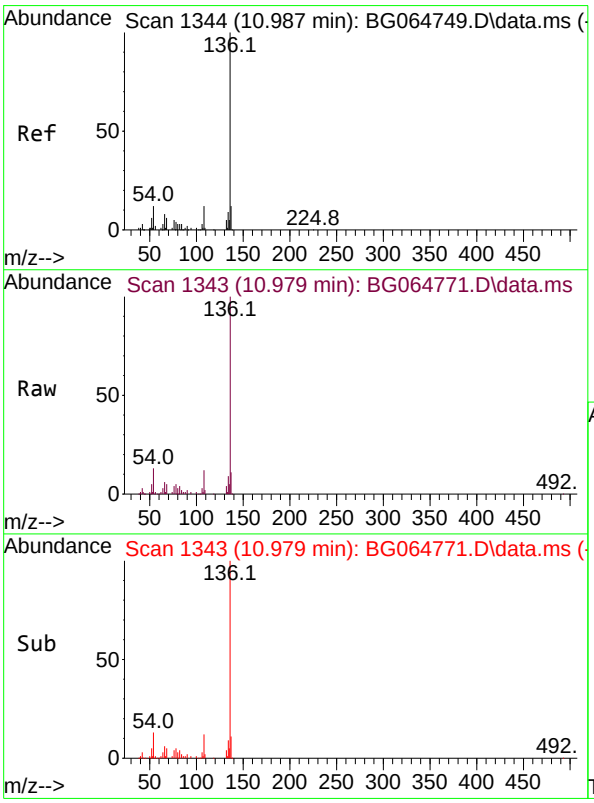
#19
n-Nitroso-di-n-propylamine
Concen: 16.307 ng
RT: 9.322 min Scan# 10
Delta R.T. 0.350 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion: 70 Resp: 29473

Ion	Ratio	Lower	Upper
70	100		
42	47.0	62.6	93.8#
101	0.0	8.0	12.0#
130	1.4	16.5	24.7#

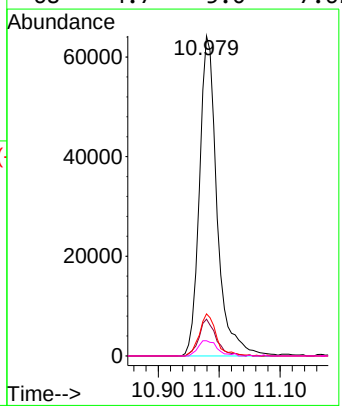


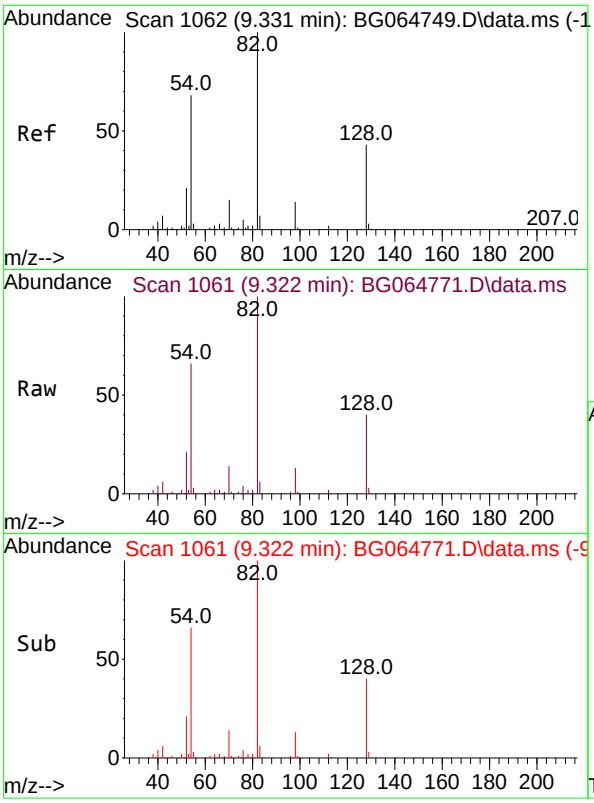


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion:136 Resp: 128750

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	13.1	9.3	13.9
68	4.7	5.0	7.6#



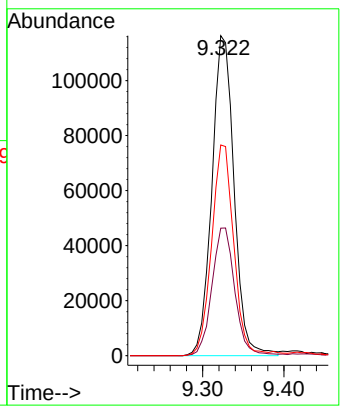


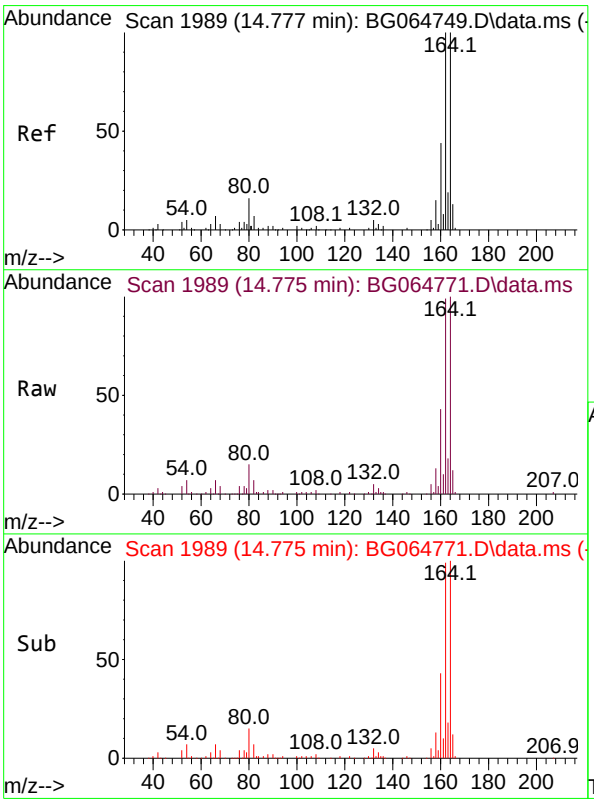
#23
Nitrobenzene-d5
Concen: 84.739 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion: 82 Resp: 220663

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.1	51.1
54	65.8	54.3	81.5

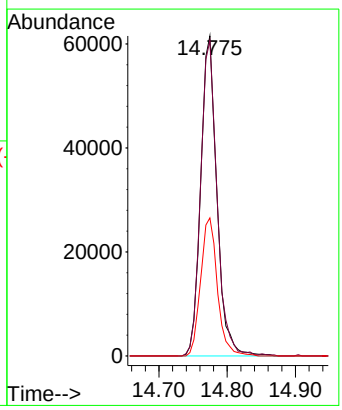


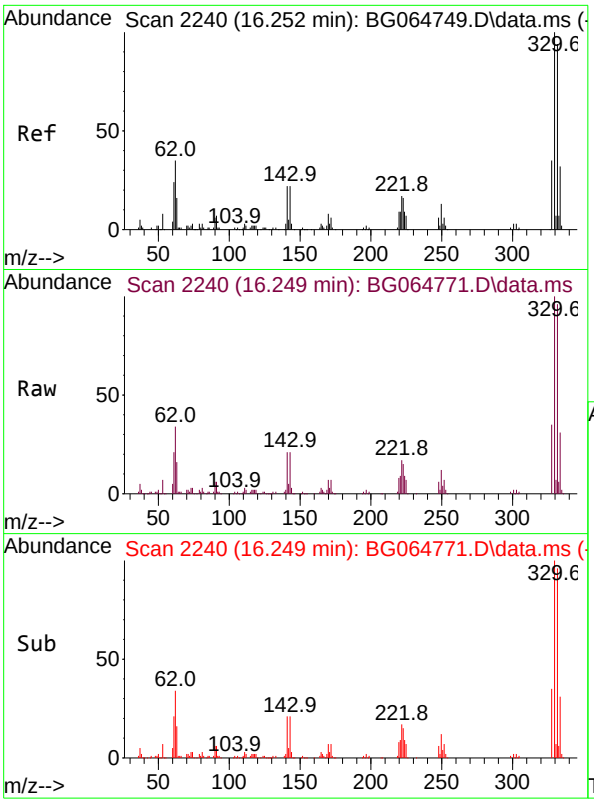


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion:164 Resp: 101421

Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.8	119.6
160	43.1	34.9	52.3



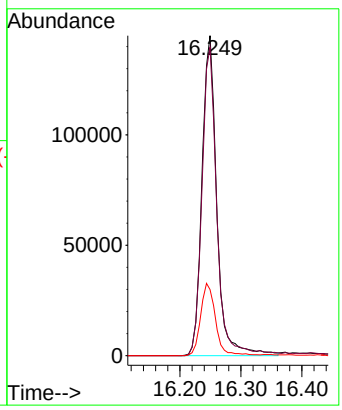


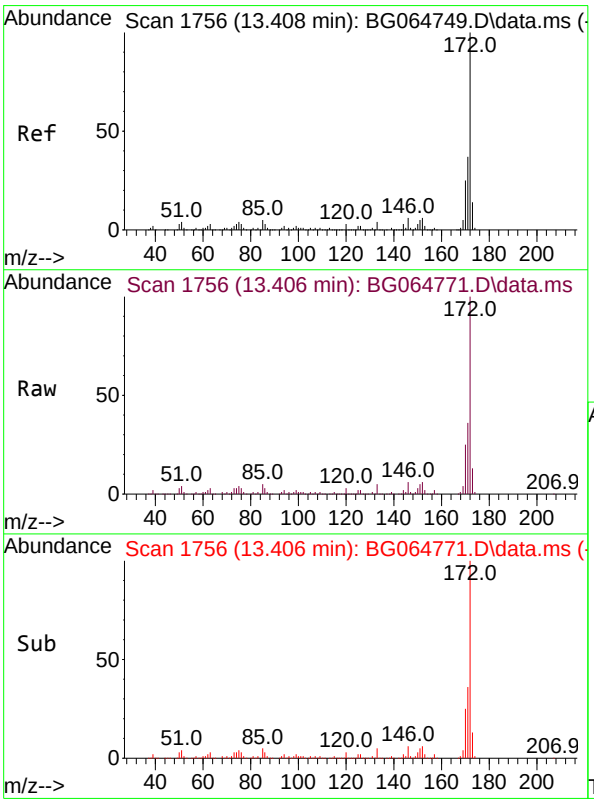
#42
2,4,6-Tribromophenol
Concen: 124.018 ng
RT: 16.249 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion:330 Resp: 245311

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	22.7	18.2	27.2

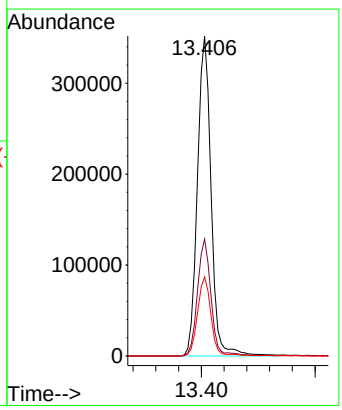


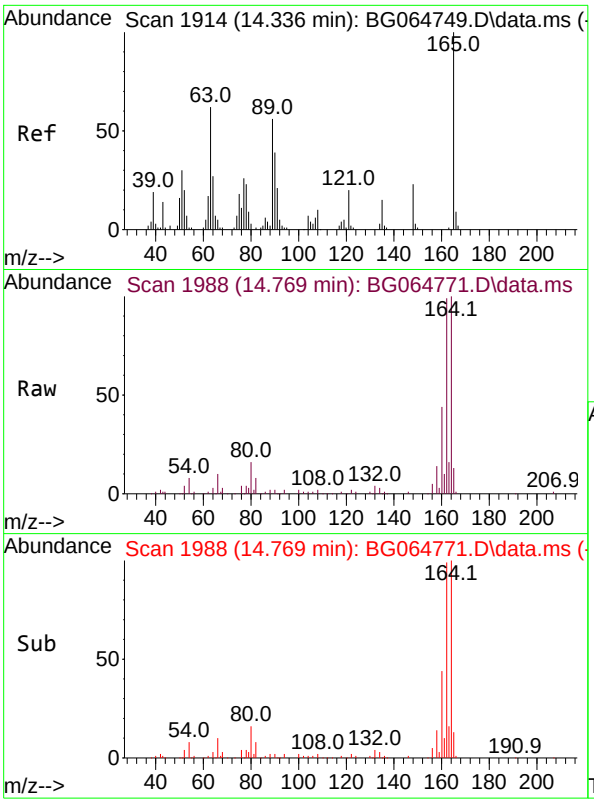


#45
2-Fluorobiphenyl
Concen: 80.416 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion:172 Resp: 584506

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.7	19.8	29.6



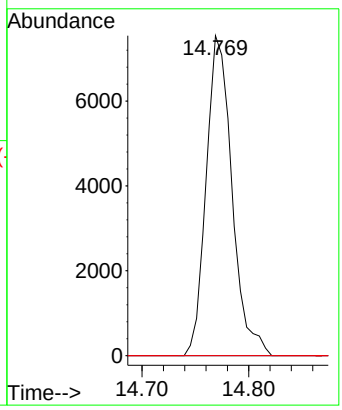


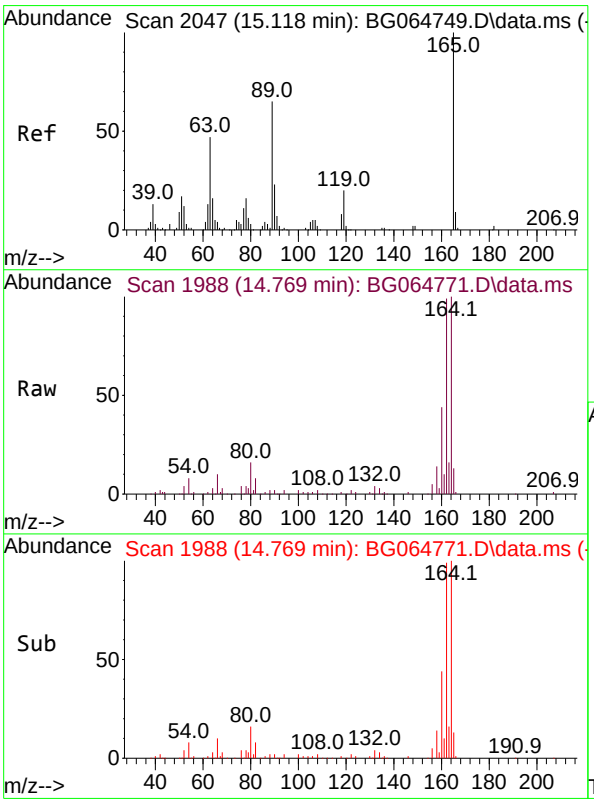
#51
2,6-Dinitrotoluene
Concen: 8.239 ng
RT: 14.769 min Scan# 19
Delta R.T. 0.432 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion:165 Resp: 12702

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

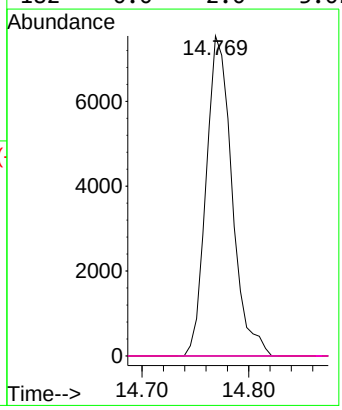


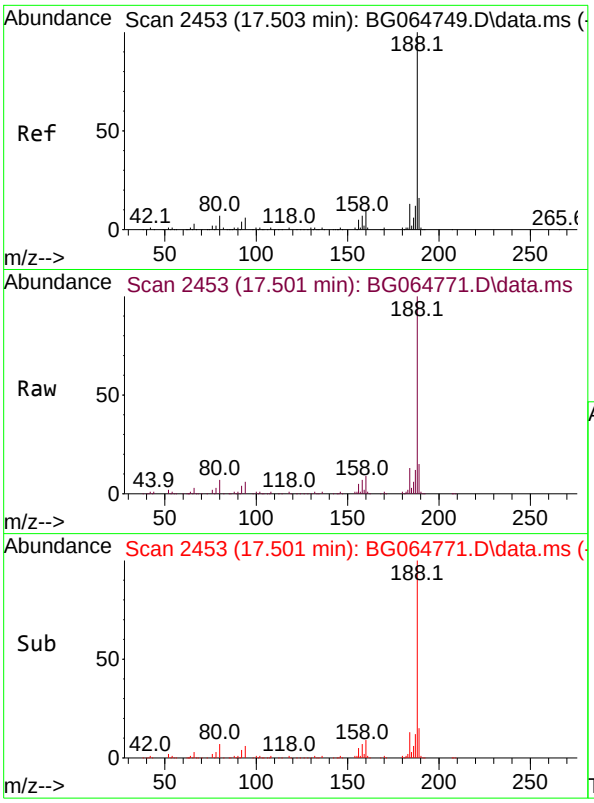


#57
2,4-Dinitrotoluene
Concen: 5.496 ng
RT: 14.769 min Scan# 1988
Delta R.T. -0.349 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion:165 Resp: 12702

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#



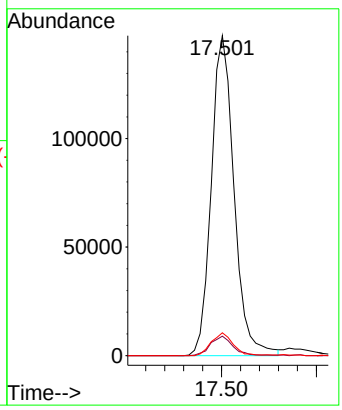


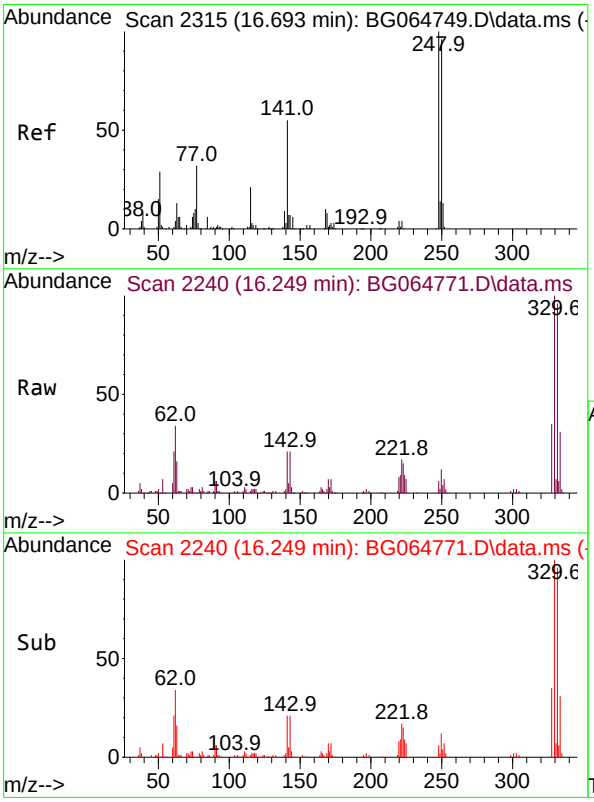
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion:188 Resp: 245986

Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.7	7.1
80	7.1	5.4	8.2

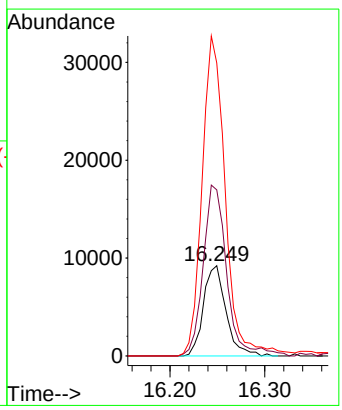


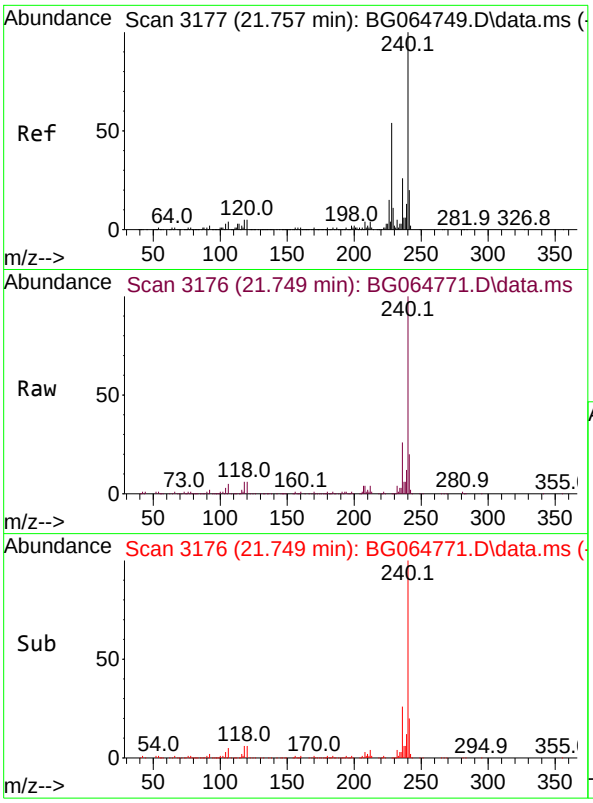


#67
4-Bromophenyl-phenylether
Concen: 4.717 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.443 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion:248 Resp: 15238

Ion	Ratio	Lower	Upper
248	100		
250	245.9	77.0	115.6#
141	324.7	43.7	65.5#



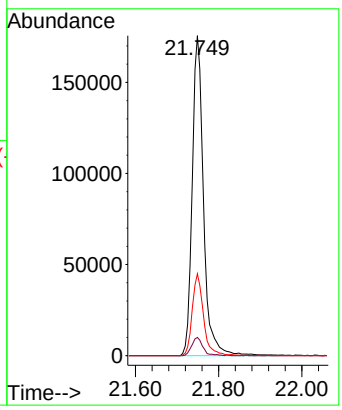


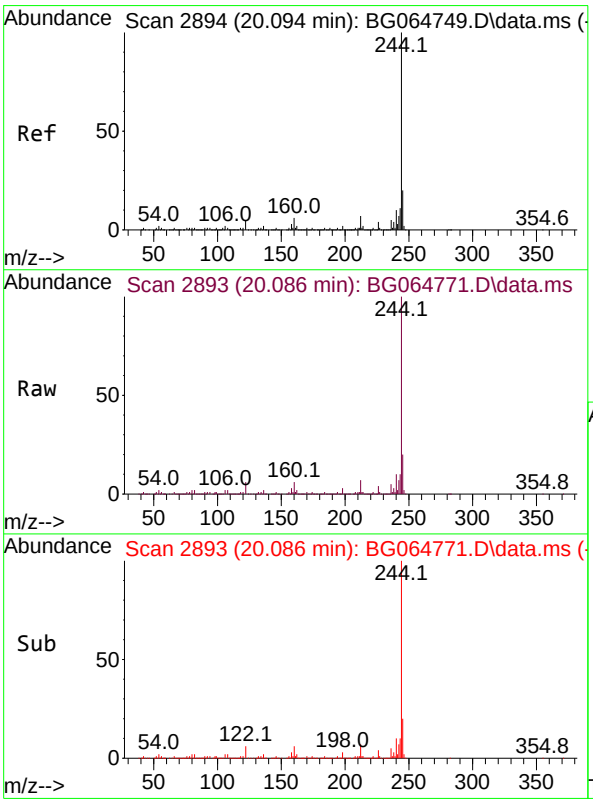
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion:240 Resp: 330051

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.2	6.4
236	25.6	20.8	31.2

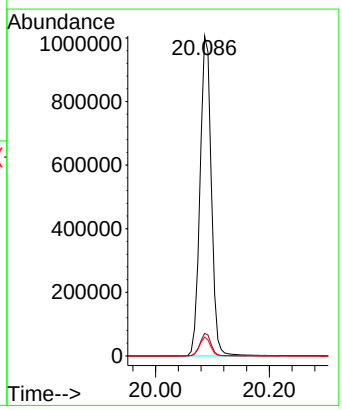


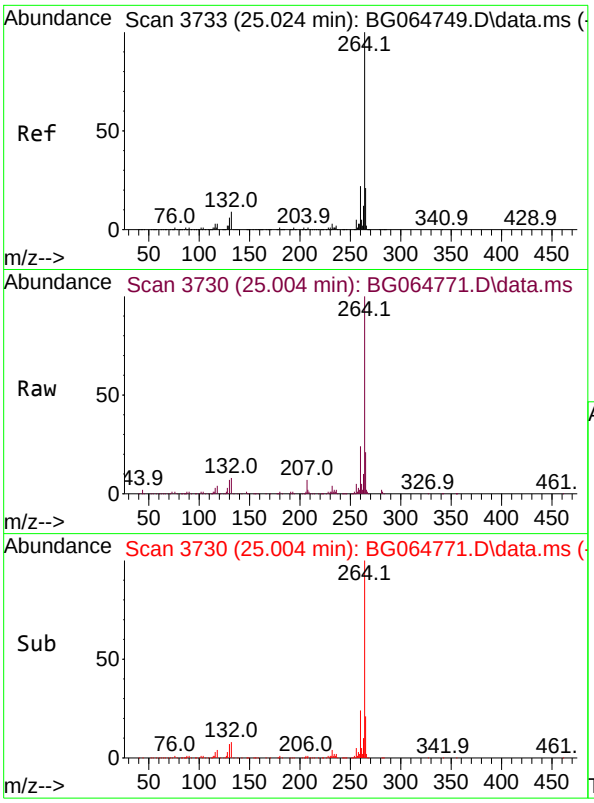


#79
Terphenyl-d14
Concen: 82.172 ng
RT: 20.086 min Scan# 2893
Delta R.T. -0.008 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion:244 Resp: 1378740

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	5.9	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3
Delta R.T. -0.020 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion:264 Resp: 330118

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.2	25.8
265	21.5	16.6	25.0