Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064597.D
Acq On : 27 Oct 2025 21:31
Operator : RC/JU
Sample : Q3422-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Quant Time: Oct 28 01:08:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	39403	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	157676	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	121417	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	282320	20.000	ng	0.00
76) Chrysene-d12	21.848	240	298427	20.000	ng	-0.02
86) Perylene-d12	25.186	264	319820	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	138111	58.833	ng	0.00
7) Phenol-d6	7.348	99	178383	55.376	ng	0.00
23) Nitrobenzene-d5	9.375	82	102813	39.164	ng	-0.02
42) 2,4,6-Tribromophenol	16.314	330	102205	58.322	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	278900	34.817	ng	0.00
79) Terphenyl-d14	20.162	244	538843	34.075	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.375	70	14549	6.535	ng	# 67
48) 2-Nitroaniline	13.887	65	192	3.307	ng	# 32
51) 2,6-Dinitrotoluene	14.475	165	804	3.683	ng	# 17
54) 2,4-Dinitrophenol	15.209	184	58	5.629	ng	# 1
57) 2,4-Dinitrotoluene	14.839	165	16353	9.512	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.302	198	154	5.537	ng	# 1
67) 4-Bromophenyl-phenylether	16.314	248	6765	2.022	ng	# 1
75) Fluoranthene	19.610	202	63571	3.287	ng	99
78) Pyrene	19.968	202	50972	2.614	ng	98

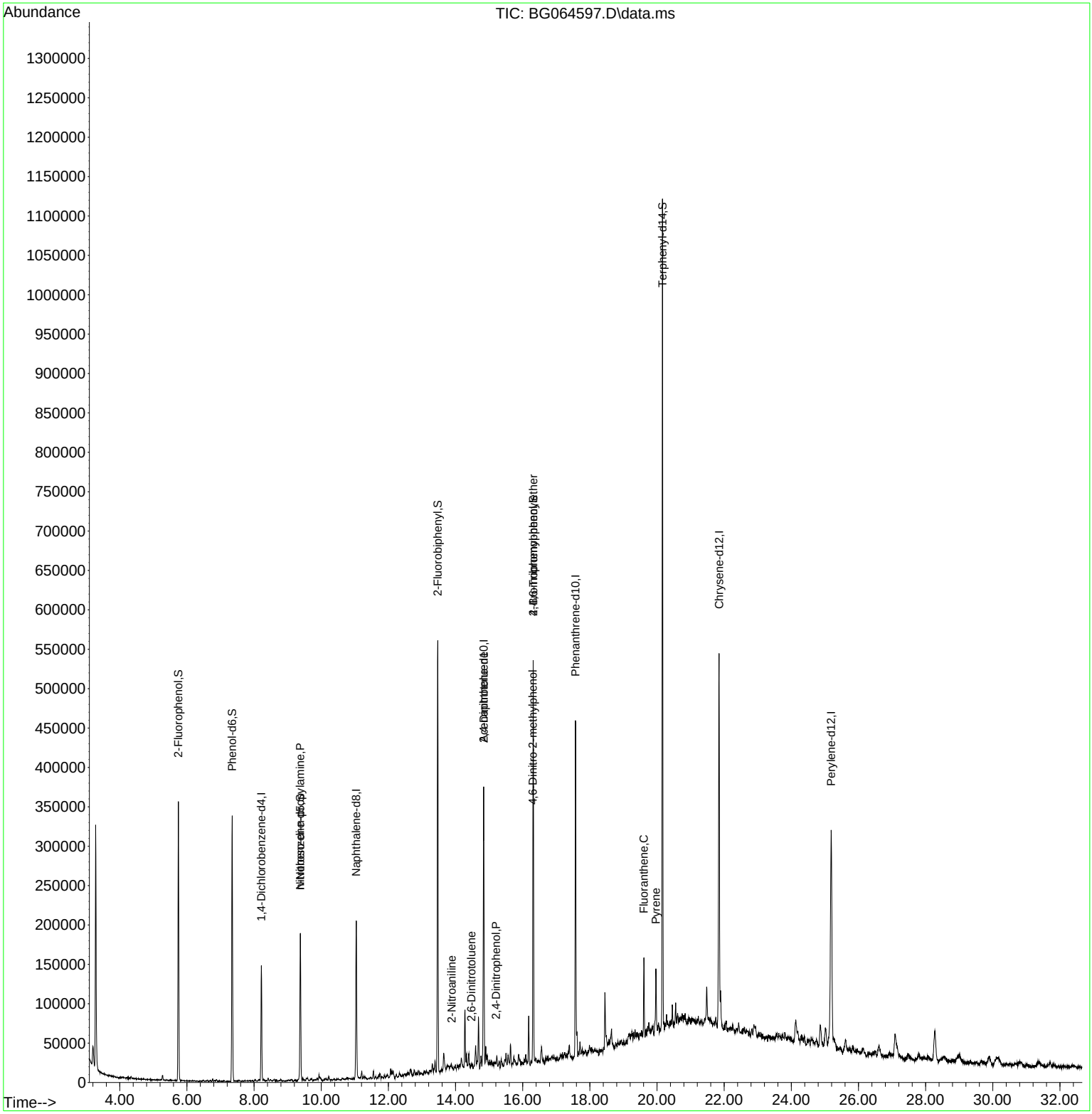
(#) = qualifier out of range (m) = manual integration (+) = signals summed

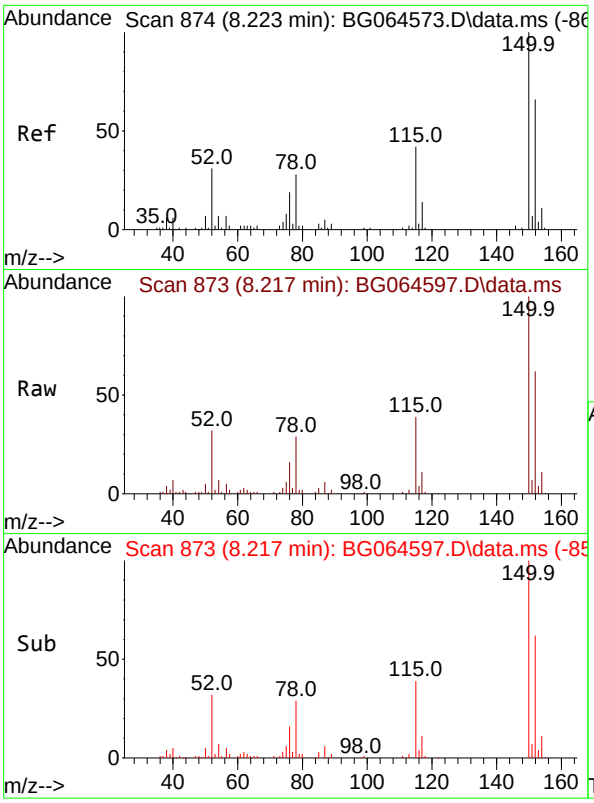
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064597.D
Acq On : 27 Oct 2025 21:31
Operator : RC/JU
Sample : Q3422-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Quant Time: Oct 28 01:08:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



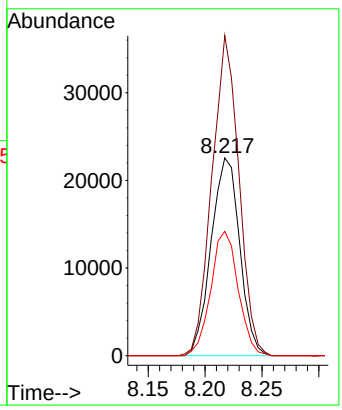


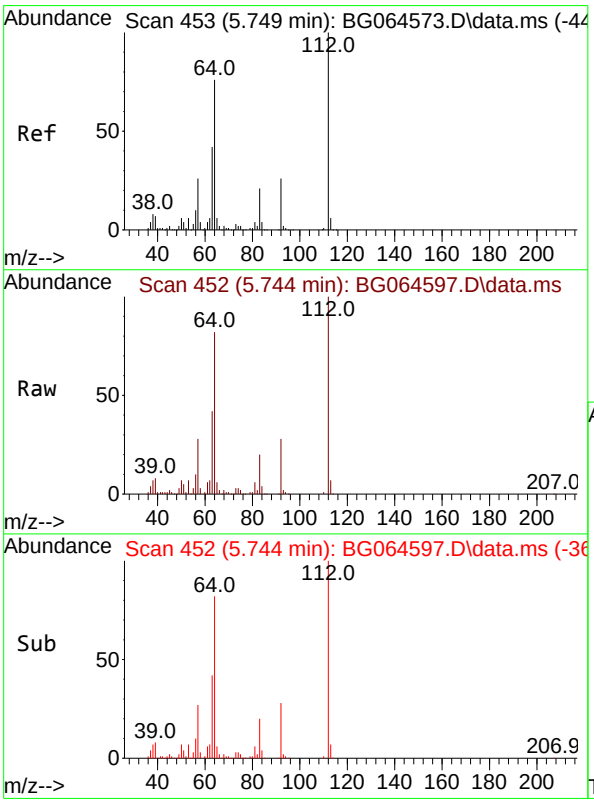
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:152 Resp: 39403

Ion	Ratio	Lower	Upper
152	100		
150	161.8	122.2	183.4
115	62.9	50.8	76.2

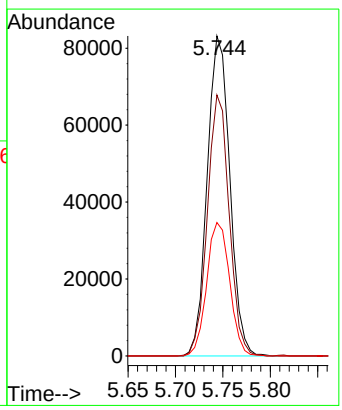


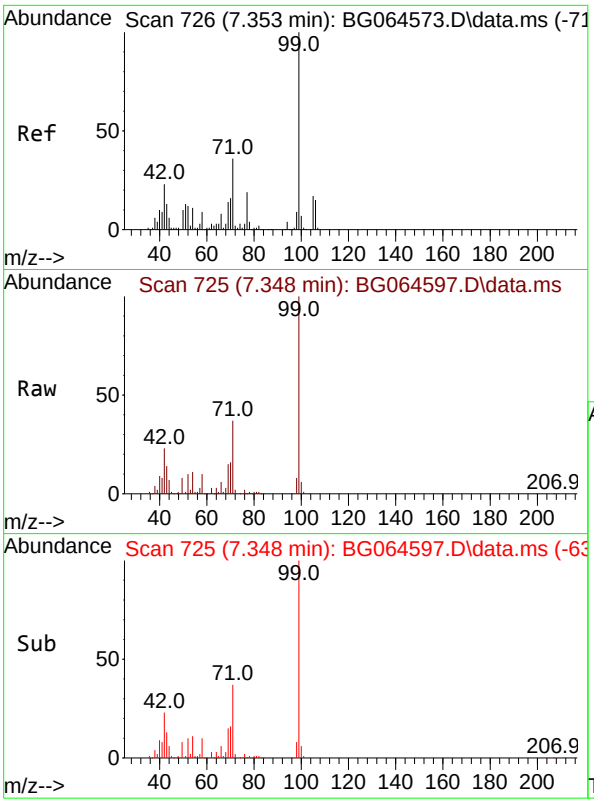


#5
2-Fluorophenol
Concen: 58.833 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:112 Resp: 138111

Ion	Ratio	Lower	Upper
112	100		
64	81.6	60.7	91.1
63	41.7	33.4	50.0



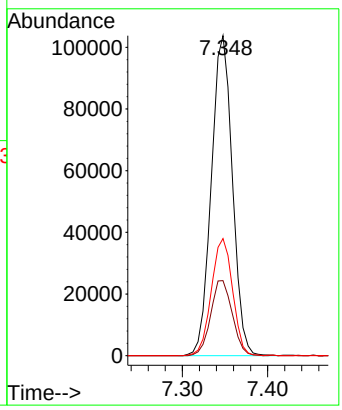


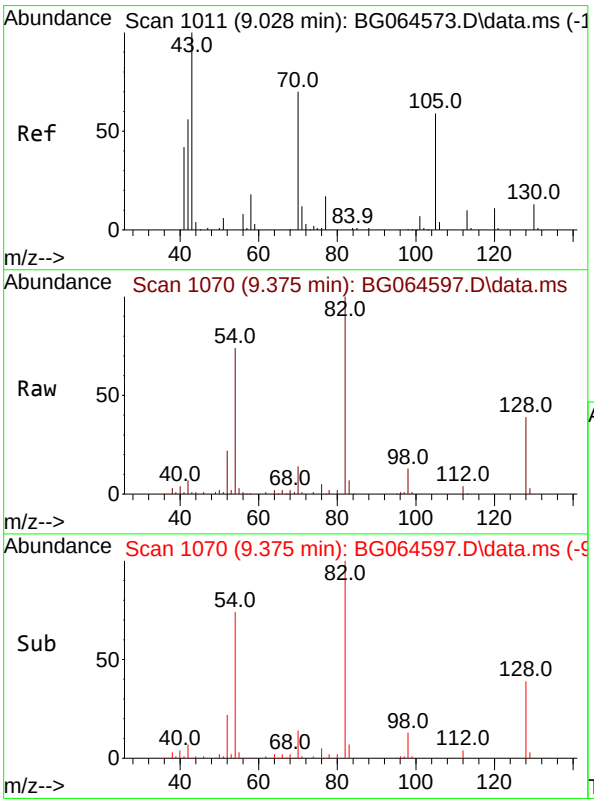
#7
Phenol-d6
Concen: 55.376 ng
RT: 7.348 min Scan# 7
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion: 99 Resp: 178383

Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.3	27.5
71	36.6	28.6	43.0

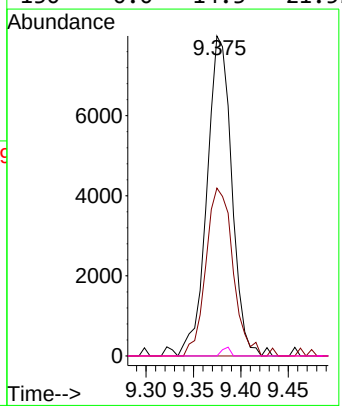


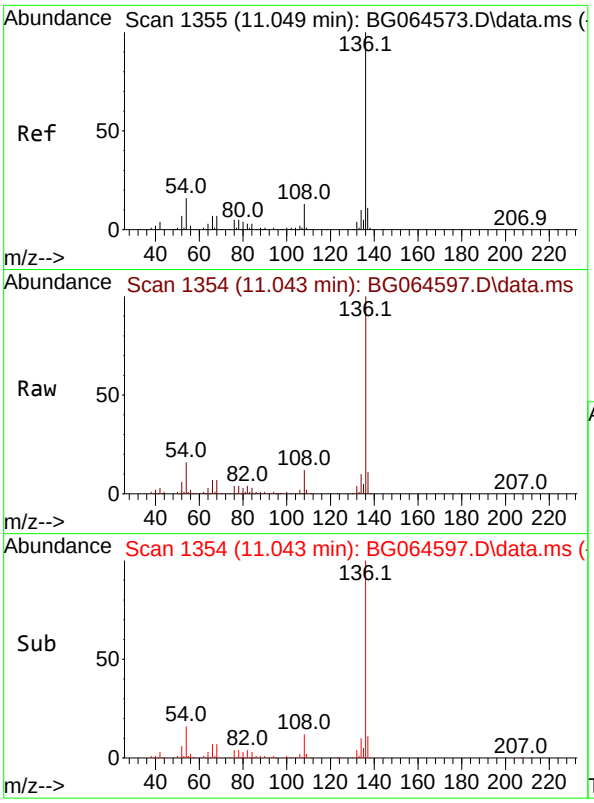


#19
n-Nitroso-di-n-propylamine
Concen: 6.535 ng
RT: 9.375 min Scan# 1070
Delta R.T. 0.343 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion: 70 Resp: 14549

Ion	Ratio	Lower	Upper
70	100		
42	52.5	65.2	97.8#
101	0.0	7.9	11.9#
130	0.0	14.3	21.5#



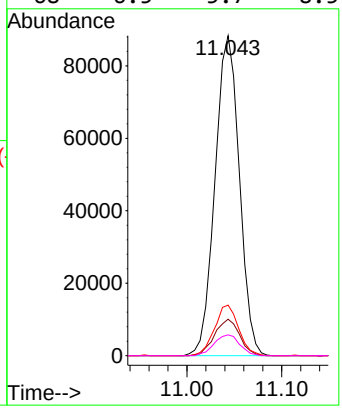


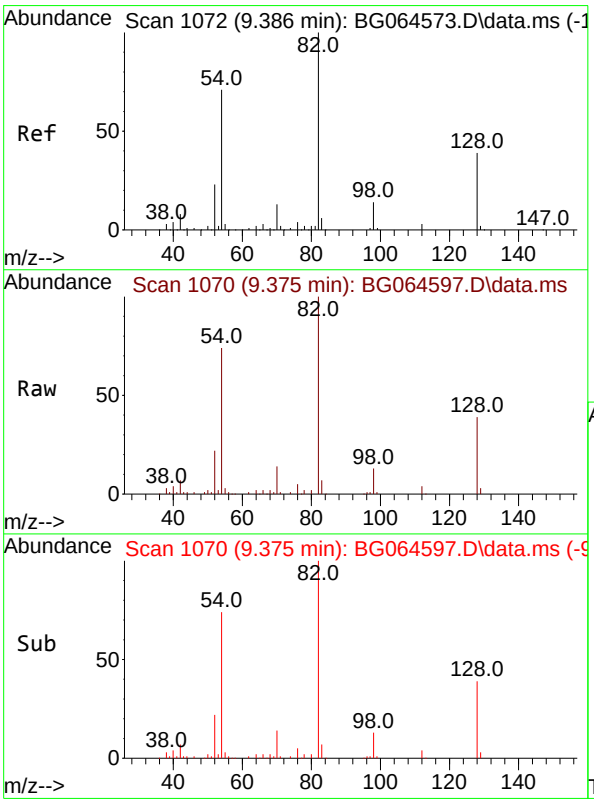
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:136 Resp: 157676

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	15.8	12.6	19.0
68	6.5	5.7	8.5

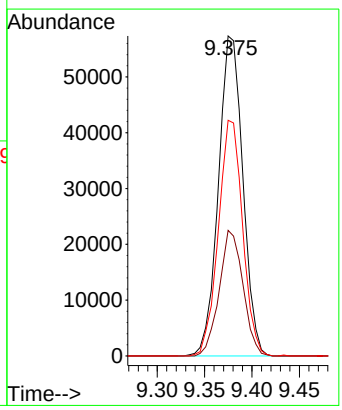


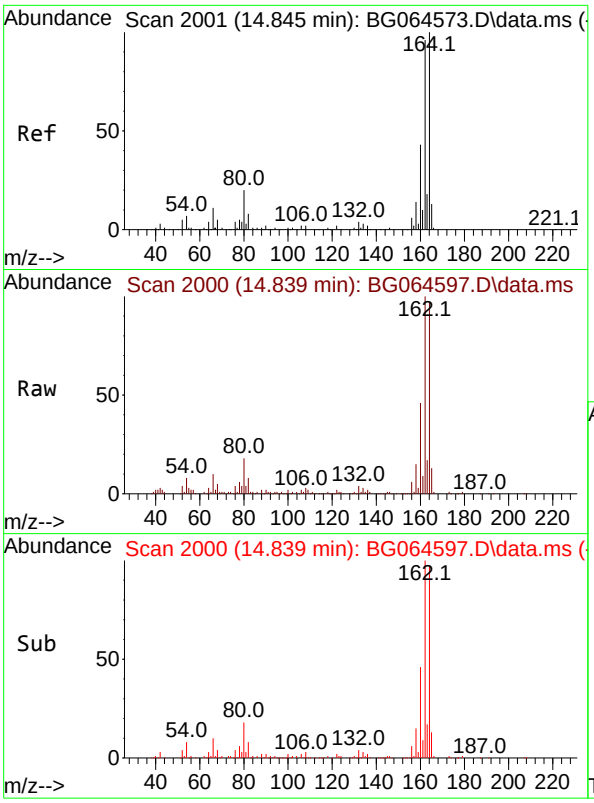


#23
Nitrobenzene-d5
Concen: 39.164 ng
RT: 9.375 min Scan# 1070
Delta R.T. -0.015 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion: 82 Resp: 102813

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	73.7	56.6	84.8



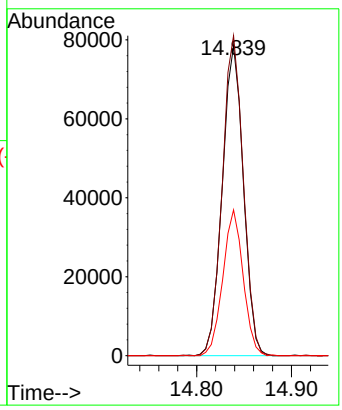


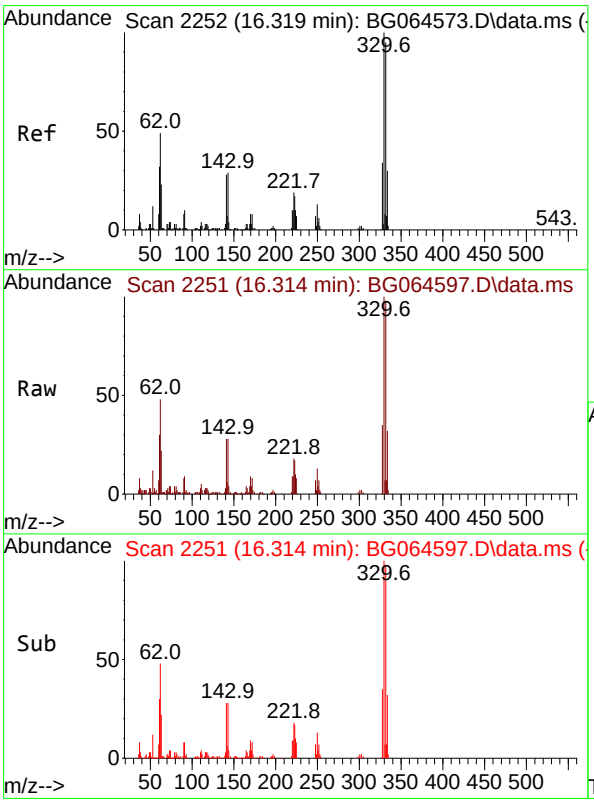
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2(
Delta R.T. -0.003 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:164 Resp: 121417

Ion	Ratio	Lower	Upper
164	100		
162	103.3	77.0	115.6
160	47.0	34.4	51.6

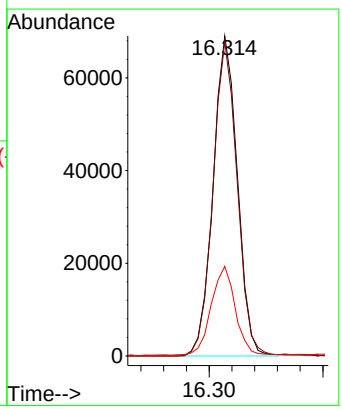


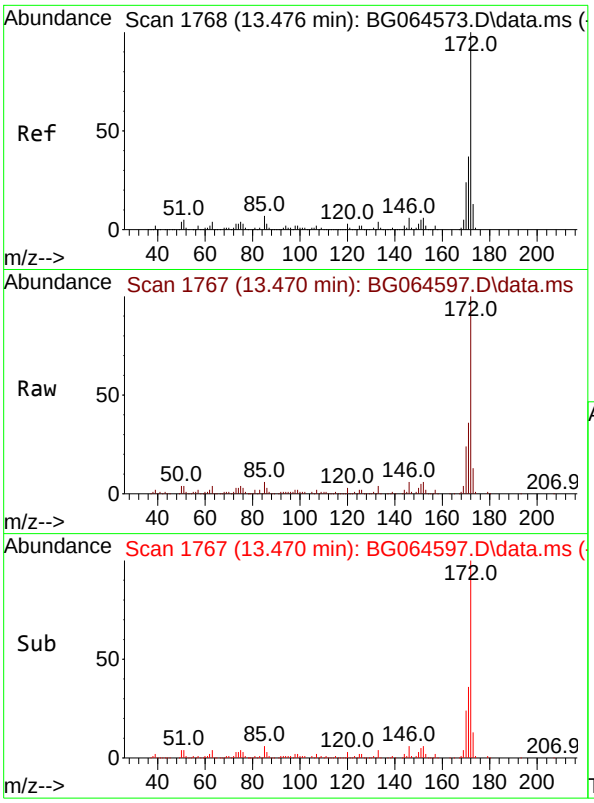


#42
2,4,6-Tribromophenol
Concen: 58.322 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:330 Resp: 102205

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.0	117.0
141	28.9	21.8	32.6



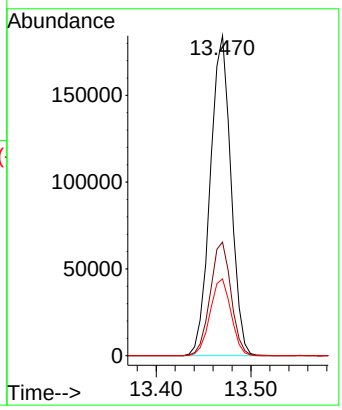


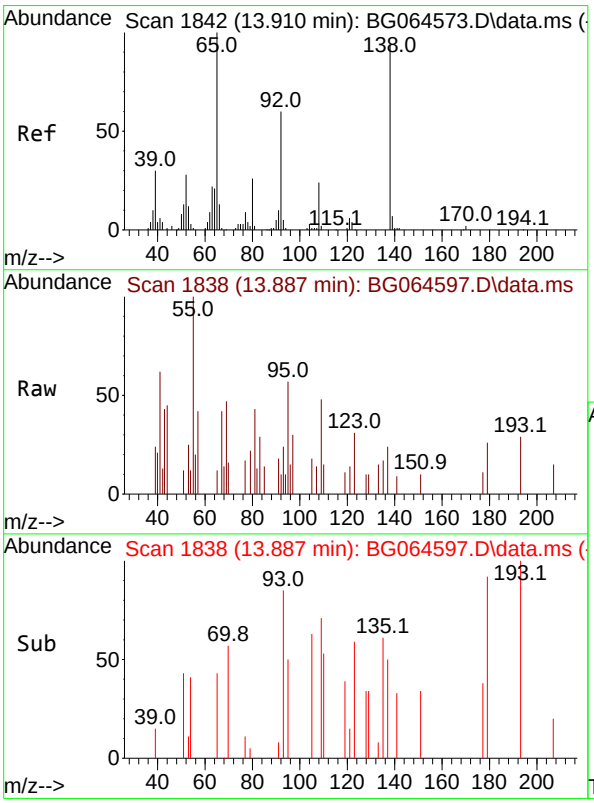
#45
2-Fluorobiphenyl
Concen: 34.817 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:172 Resp: 278900

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.0	19.1	28.7

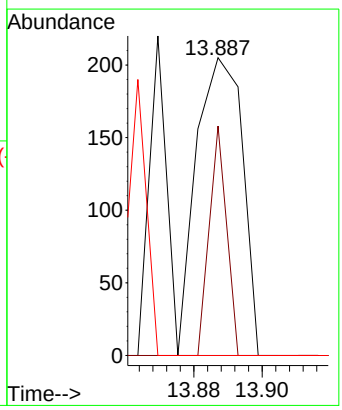


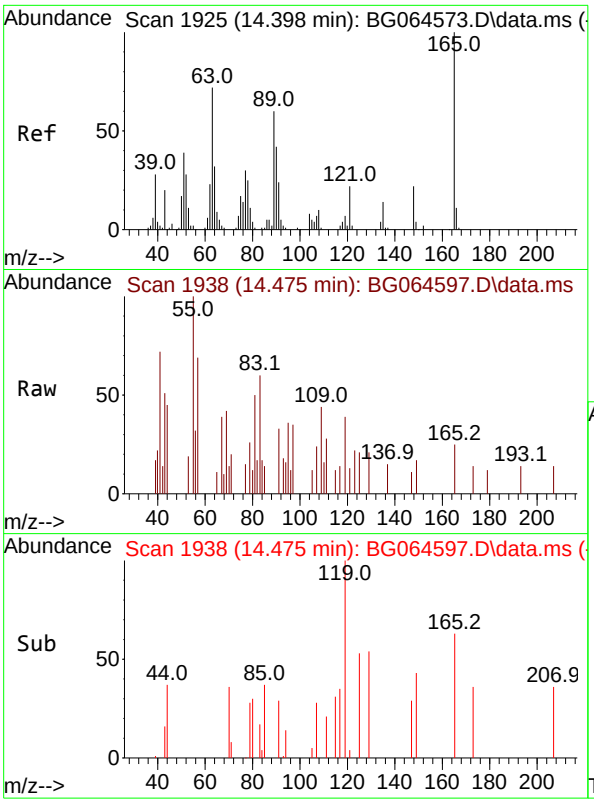


#48
2-Nitroaniline
Concen: 3.307 ng
RT: 13.887 min Scan# 1838
Delta R.T. -0.027 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion: 65 Resp: 192

Ion	Ratio	Lower	Upper
65	100		
92	77.1	48.3	72.5#
138	0.0	74.9	112.3#



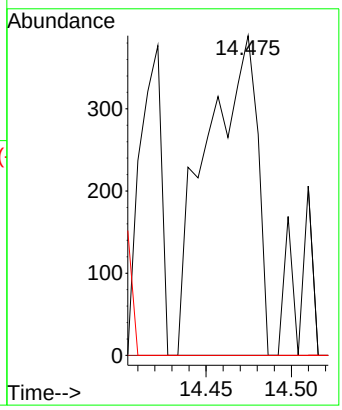


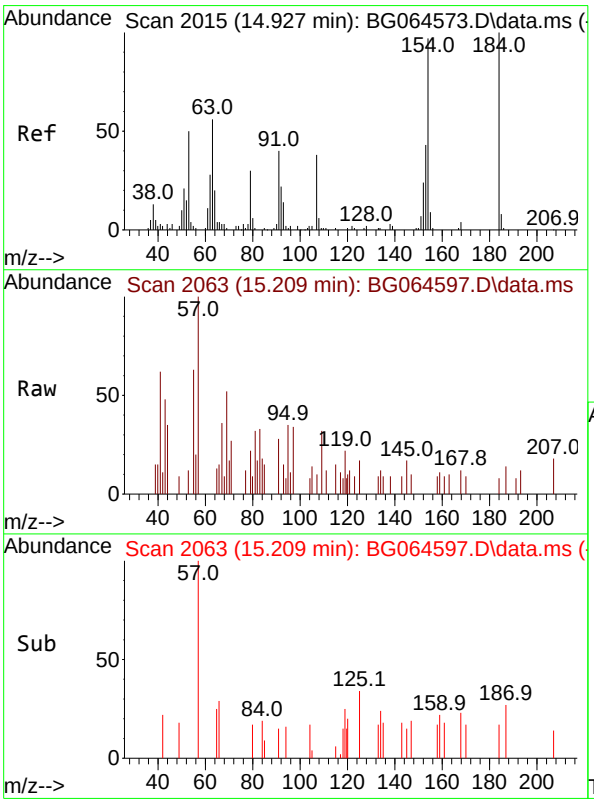
#51
2,6-Dinitrotoluene
Concen: 3.683 ng
RT: 14.475 min Scan# 1
Delta R.T. 0.073 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:165 Resp: 804

Ion	Ratio	Lower	Upper
165	100		
63	0.0	57.4	86.0#
89	0.0	47.8	71.8#

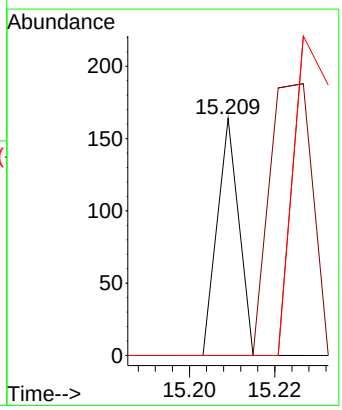


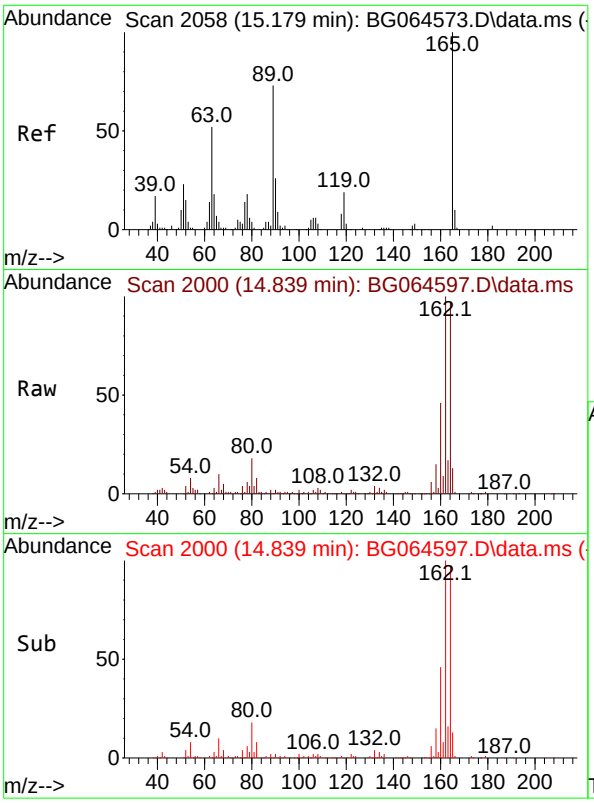


#54
2,4-Dinitrophenol
Concen: 5.629 ng
RT: 15.209 min Scan# 2063
Delta R.T. 0.279 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:184 Resp: 58

Ion	Ratio	Lower	Upper
184	100		
63	0.0	56.6	85.0#
154	0.0	158.6	238.0#



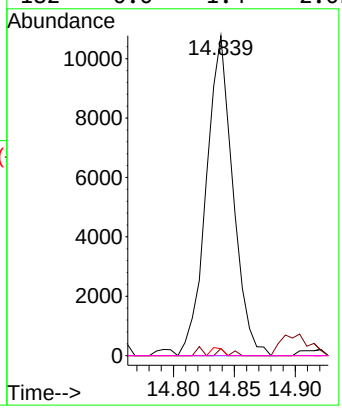


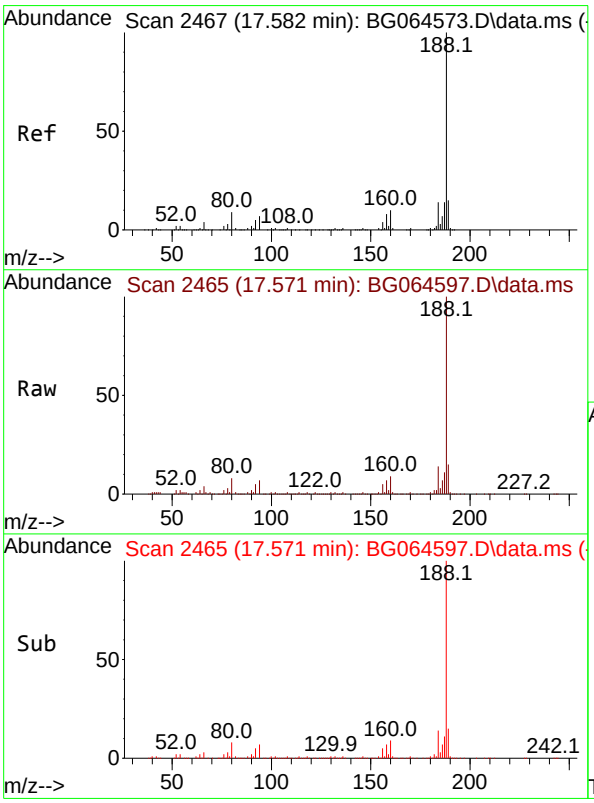
#57
2,4-Dinitrotoluene
Concen: 9.512 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.350 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:165 Resp: 16353

Ion	Ratio	Lower	Upper
165	100		
63	2.2	41.8	62.8#
89	2.1	58.1	87.1#
182	0.0	1.4	2.0#

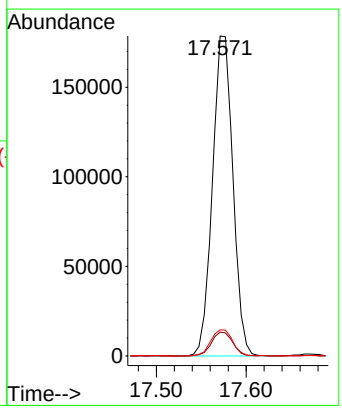


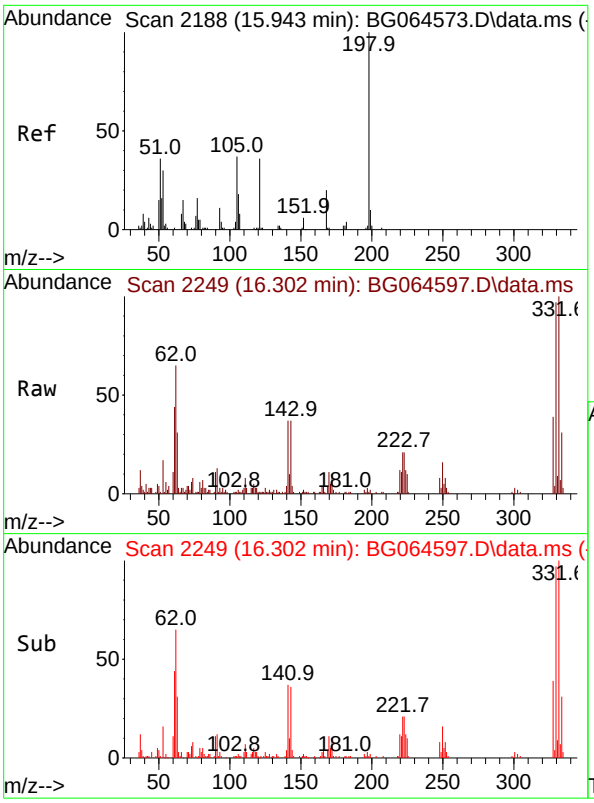


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:188 Resp: 282320

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.2	6.8	10.2



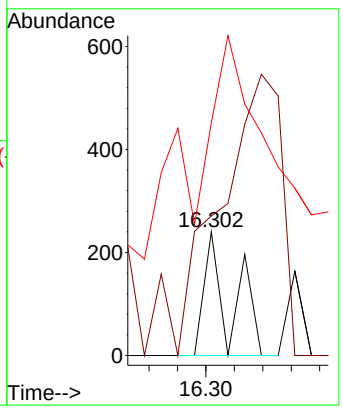


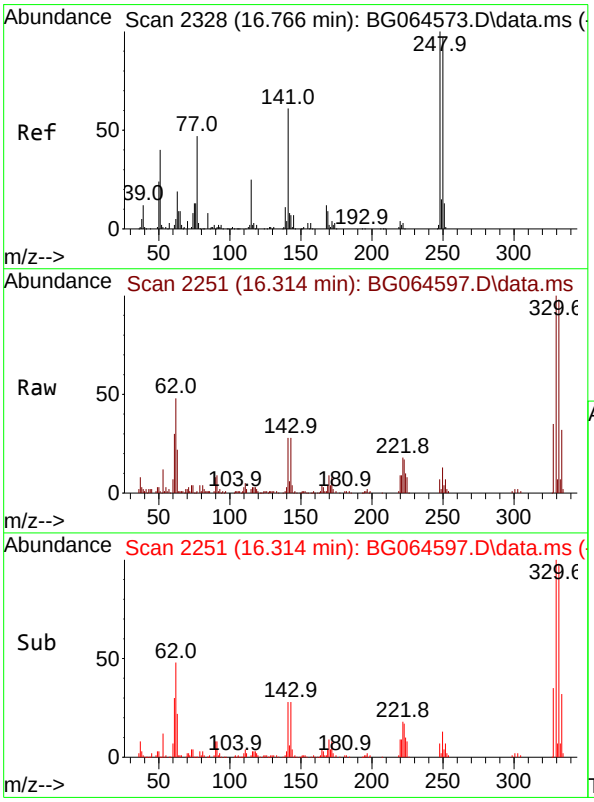
#65
4,6-Dinitro-2-methylphenol
Concen: 5.537 ng
RT: 16.302 min Scan# 2
Delta R.T. 0.355 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:198 Resp: 154

Ion	Ratio	Lower	Upper
198	100		
51	112.9	24.7	64.7#
105	188.3	18.0	58.0#

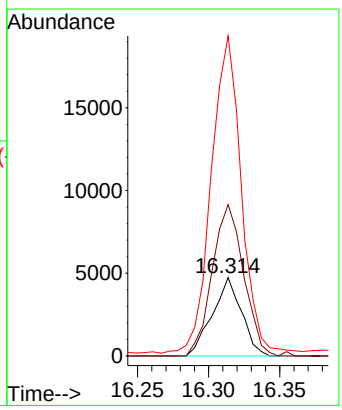


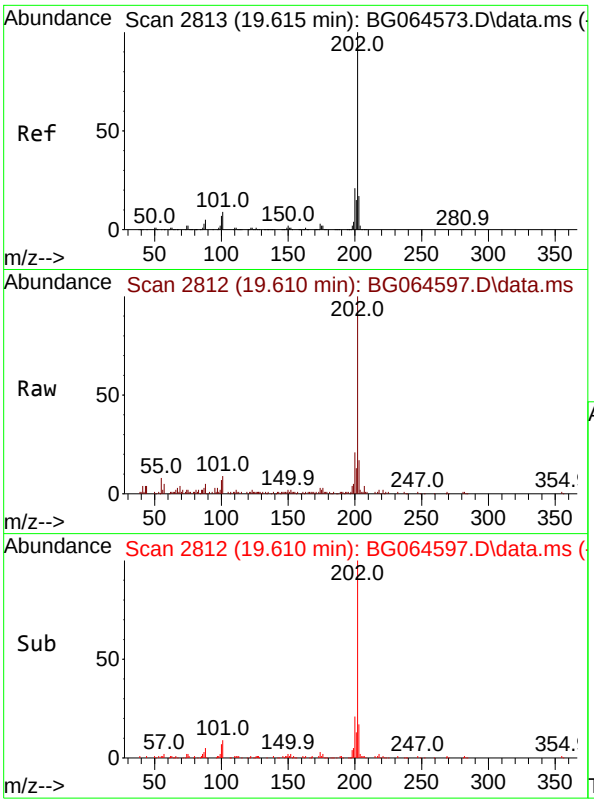


#67
4-Bromophenyl-phenylether
Concen: 2.022 ng
RT: 16.314 min Scan# 2251
Delta R.T. -0.456 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:248 Resp: 6765

Ion	Ratio	Lower	Upper
248	100		
250	190.6	77.7	116.5#
141	309.3	48.6	72.8#



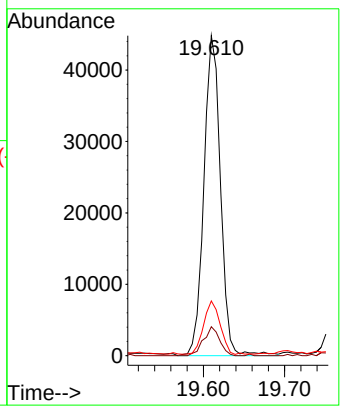


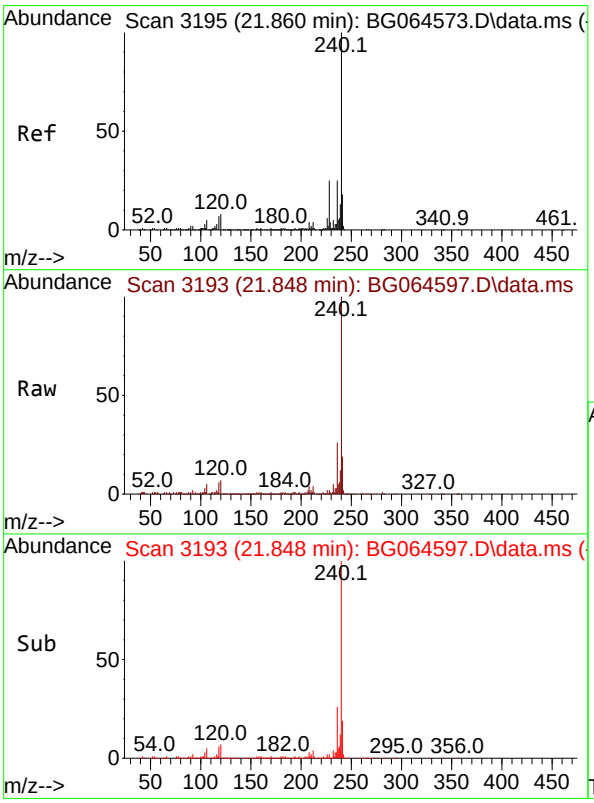
#75
Fluoranthene
Concen: 3.287 ng
RT: 19.610 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:202 Resp: 63571

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.7
203	17.1	0.0	37.0

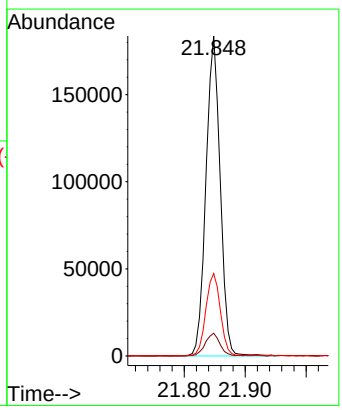


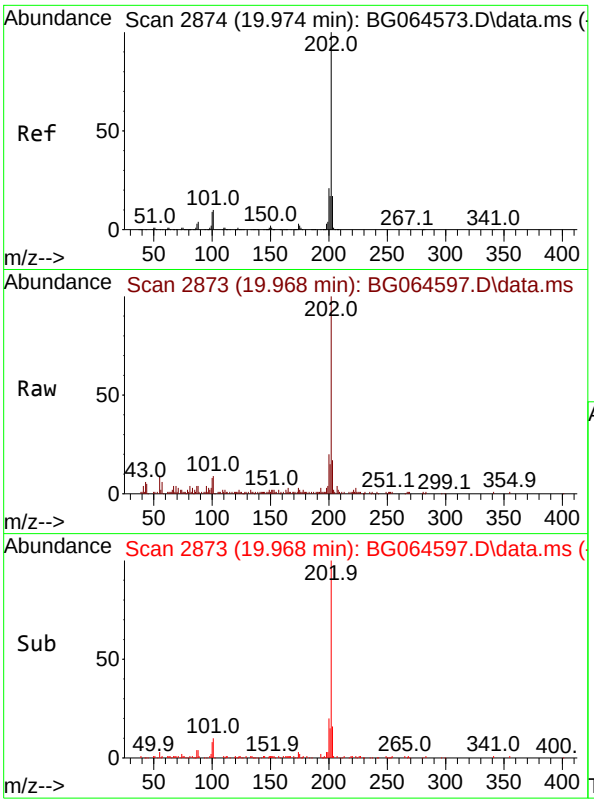


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:240 Resp: 298427

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.5	9.7
236	25.8	20.2	30.2



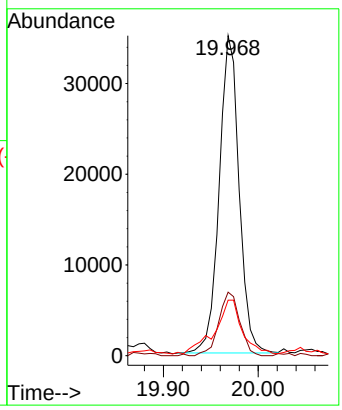


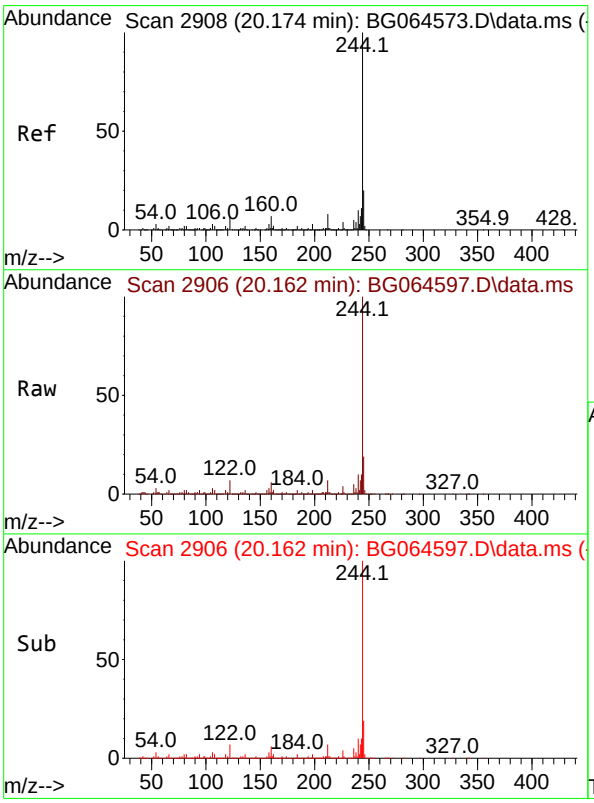
#78
Pyrene
Concen: 2.614 ng
RT: 19.968 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:202 Resp: 50972

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.4
203	17.4	13.8	20.6

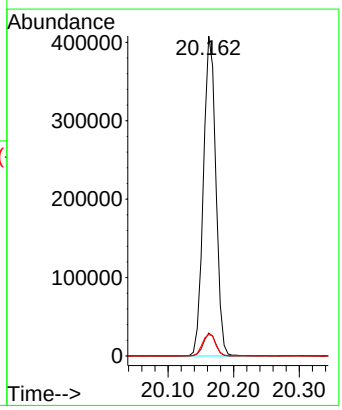


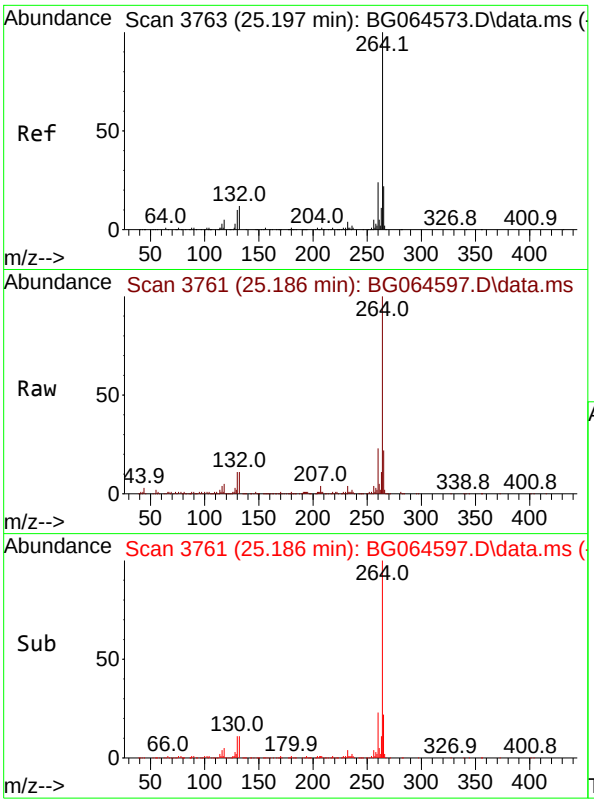


#79
Terphenyl-d14
Concen: 34.075 ng
RT: 20.162 min Scan# 2906
Delta R.T. -0.015 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Tgt Ion:244 Resp: 538843

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.7	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG064597.D
Acq: 27 Oct 2025 21:31

Instrument :
BNA_G
ClientSampleId :
PR132-S15-000008-20251021

Tgt Ion:264 Resp: 319820

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.8	17.6	26.4