Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064607.D
Acq On : 28 Oct 2025 18:35
Operator : RC/JU
Sample : Q3427-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-8

Quant Time: Nov 04 05:53:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	38238	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	142465	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	104362	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	245633	20.000	ng	-0.01
76) Chrysene-d12	21.848	240	289389	20.000	ng	#-0.01
86) Perylene-d12	25.191	264	316216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	138563	60.824	ng	0.00
7) Phenol-d6	7.348	99	173983	55.656	ng	0.00
23) Nitrobenzene-d5	9.375	82	98317	41.450	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	87733	58.246	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	231144	33.571	ng	-0.01
79) Terphenyl-d14	20.162	244	521571	34.013	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.282	88	2995	2.970	ng	# 1
19) n-Nitroso-di-n-propyla...	9.381	70	12725	5.890	ng	# 70
48) 2-Nitroaniline	13.681	65	63	3.256	ng	# 10
51) 2,6-Dinitrotoluene	14.839	165	14119	13.196	ng	# 17
56) 4-Nitrophenol	15.233	139	4230	3.324	ng	# 1
57) 2,4-Dinitrotoluene	14.839	165	14119	9.541	ng	# 20
58) Fluorene	15.879	166	21753	2.855	ng	96
63) Azobenzene	16.178	77	19598	2.620	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.319	198	206	5.596	ng	# 1
71) Phenanthrene	17.618	178	272393	20.278	ng	98
72) Anthracene	17.706	178	98901	7.238	ng	96
75) Fluoranthene	19.616	202	749773	44.556	ng	98
78) Pyrene	19.968	202	586677	31.029	ng	98
81) Benzo(a)anthracene	21.831	228	418428	21.807	ng	100
83) Chrysene	21.895	228	334092	18.299	ng	97
87) Indeno(1,2,3-cd)pyrene	29.022	276	212315	9.127	ng	# 92
88) Benzo(b)fluoranthene	24.128	252	465232	23.993	ng	98
89) Benzo(k)fluoranthene	24.128	252	465232	23.977	ng	96
90) Benzo(a)pyrene	25.033	252	333940	18.736	ng	98
91) Dibenzo(a,h)anthracene	29.516	278	48320	2.557	ng	97
92) Benzo(g,h,i)perylene	30.203	276	178422	9.883	ng	96

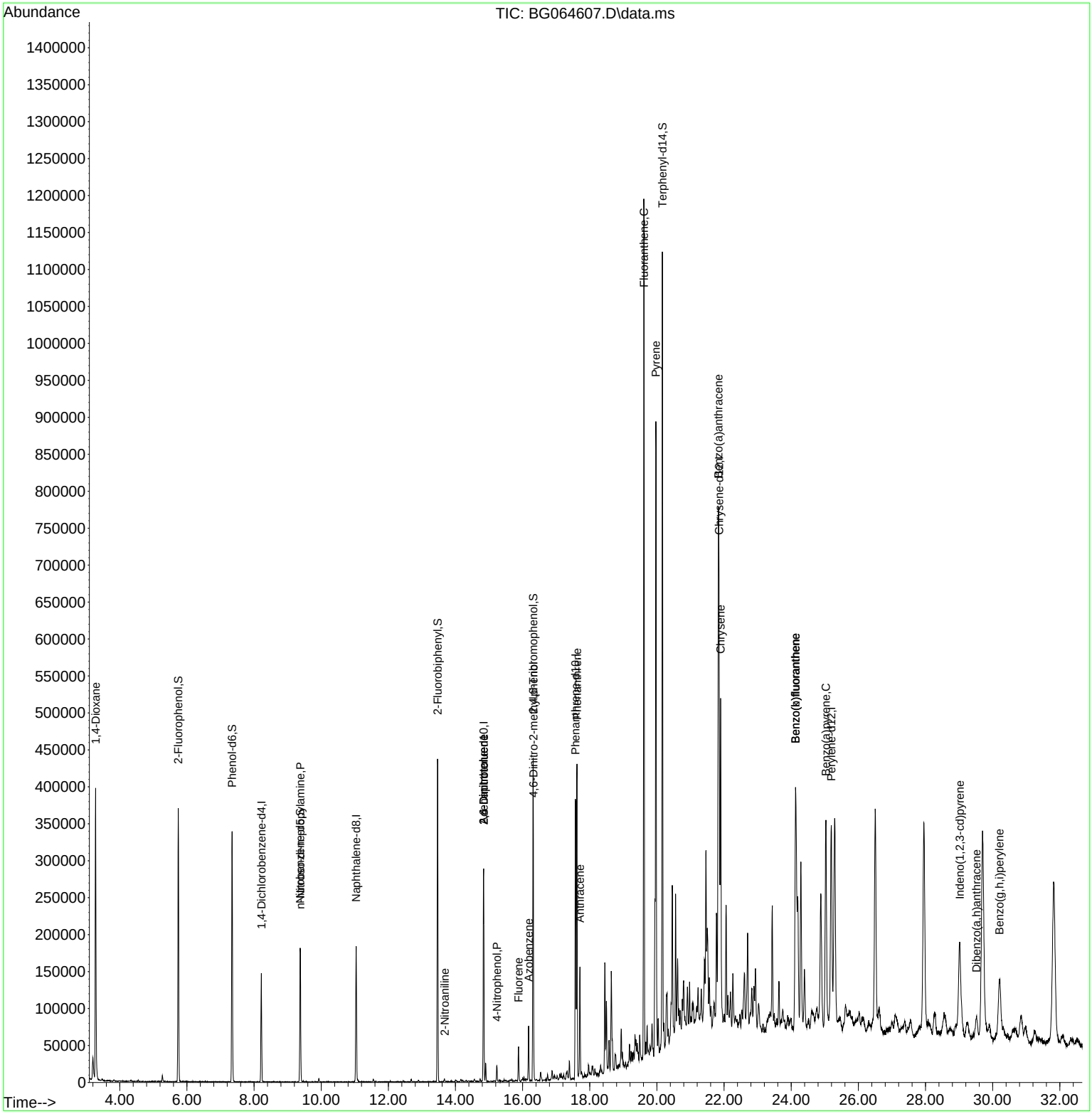
(#) = qualifier out of range (m) = manual integration (+) = signals summed

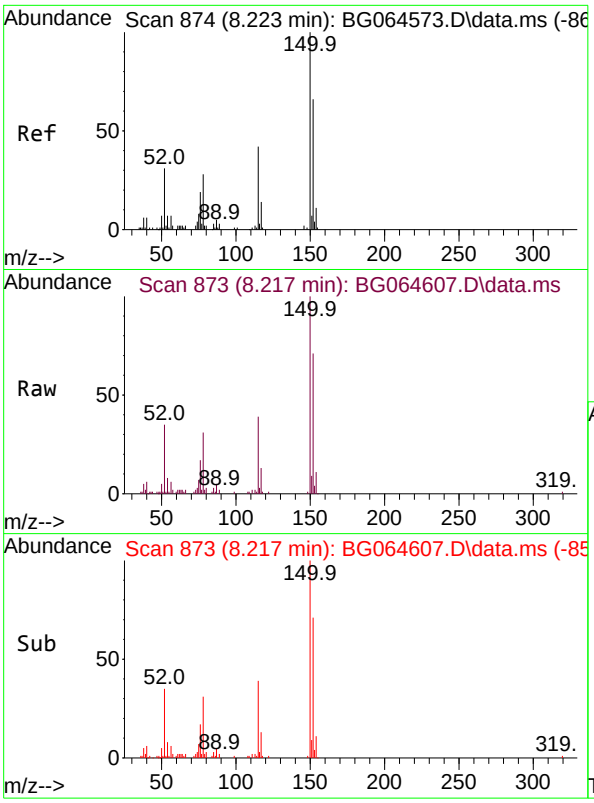
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064607.D
Acq On : 28 Oct 2025 18:35
Operator : RC/JU
Sample : Q3427-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-8

Quant Time: Nov 04 05:53:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



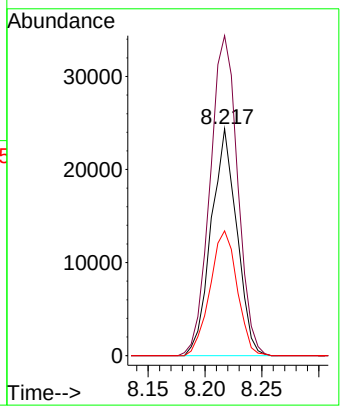


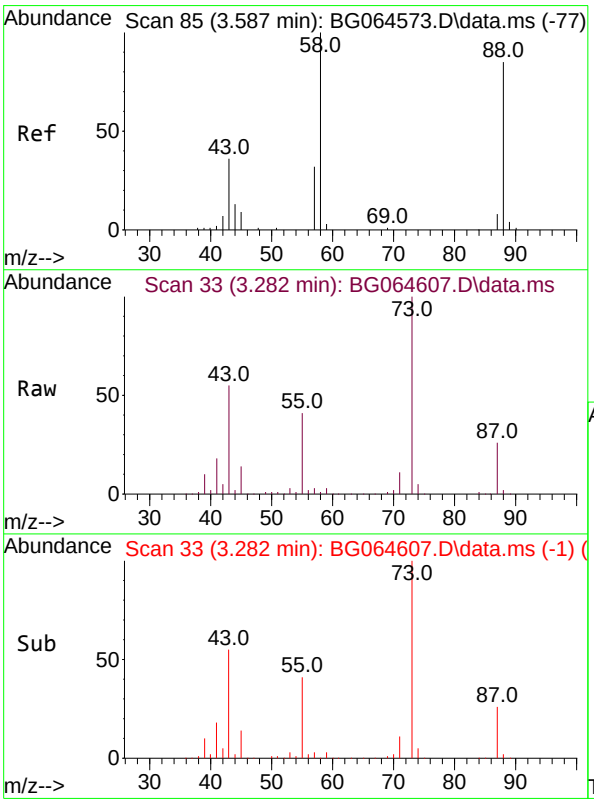
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:152 Resp: 38238

Ion	Ratio	Lower	Upper
152	100		
150	141.0	122.2	183.4
115	55.0	50.8	76.2

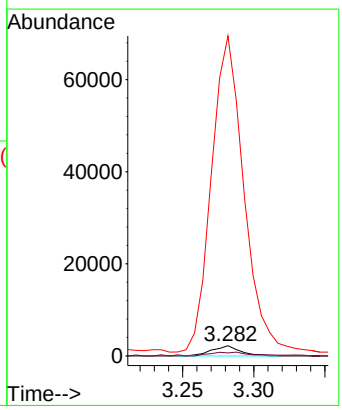


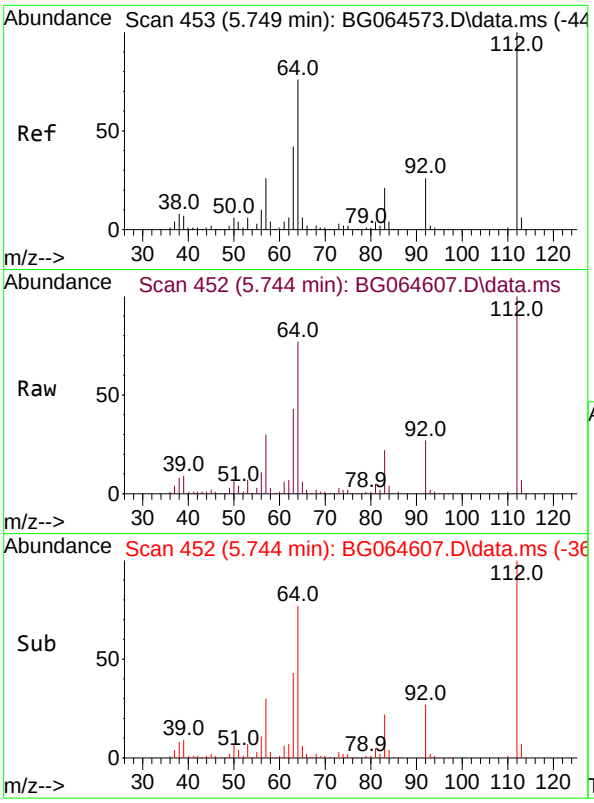


#2
1,4-Dioxane
Concen: 2.970 ng
RT: 3.282 min Scan# 33
Delta R.T. -0.305 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion: 88 Resp: 2995

Ion	Ratio	Lower	Upper
88	100		
58	57.6	92.4	138.6#
43	3725.6	33.0	49.6#



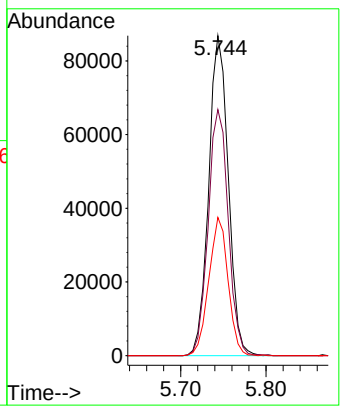


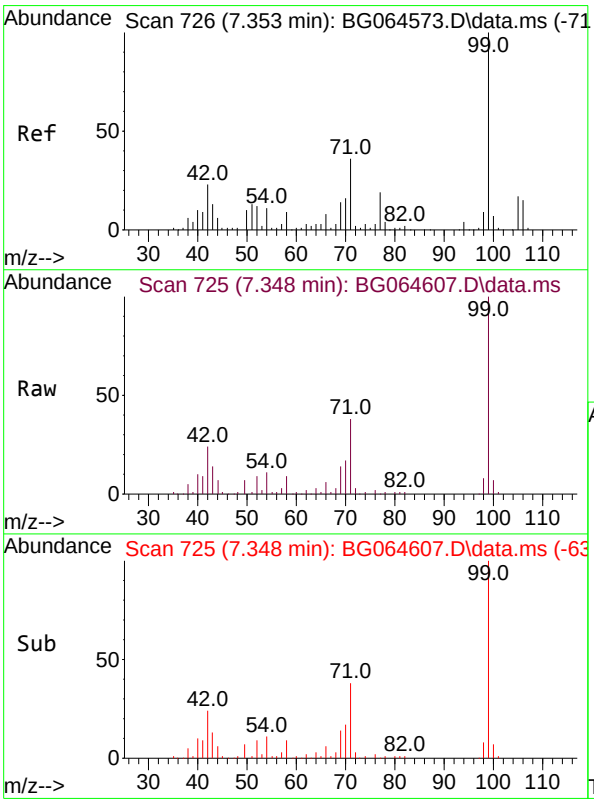
#5
2-Fluorophenol
Concen: 60.824 ng
RT: 5.744 min Scan# 4
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:112 Resp: 138563

Ion	Ratio	Lower	Upper
112	100		
64	76.9	60.7	91.1
63	43.2	33.4	50.0

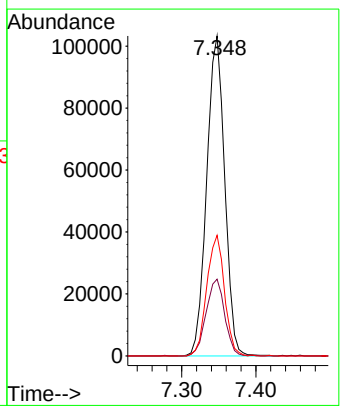


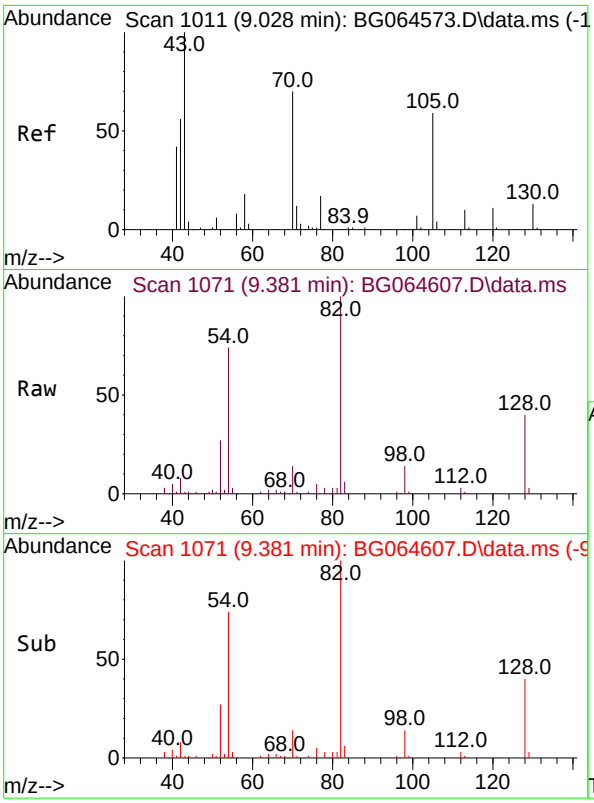


#7
Phenol-d6
Concen: 55.656 ng
RT: 7.348 min Scan# 725
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion: 99 Resp: 173983

Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.3	27.5
71	37.7	28.6	43.0



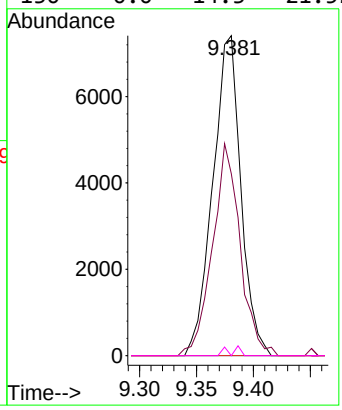


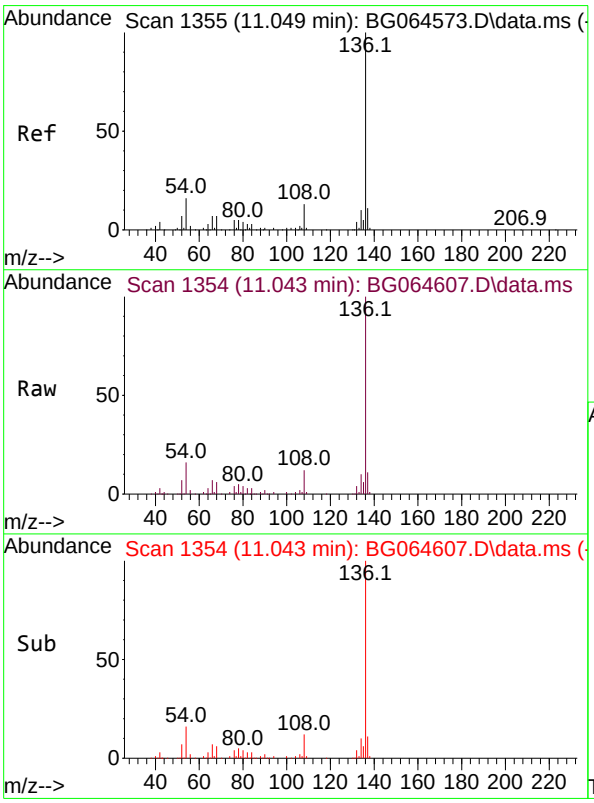
#19
n-Nitroso-di-n-propylamine
Concen: 5.890 ng
RT: 9.381 min Scan# 10
Delta R.T. 0.353 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion: 70 Resp: 12725

Ion	Ratio	Lower	Upper
70	100		
42	56.8	65.2	97.8#
101	0.0	7.9	11.9#
130	0.0	14.3	21.5#

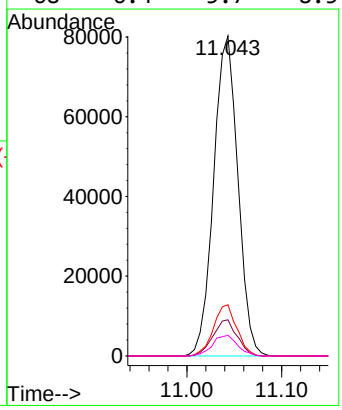


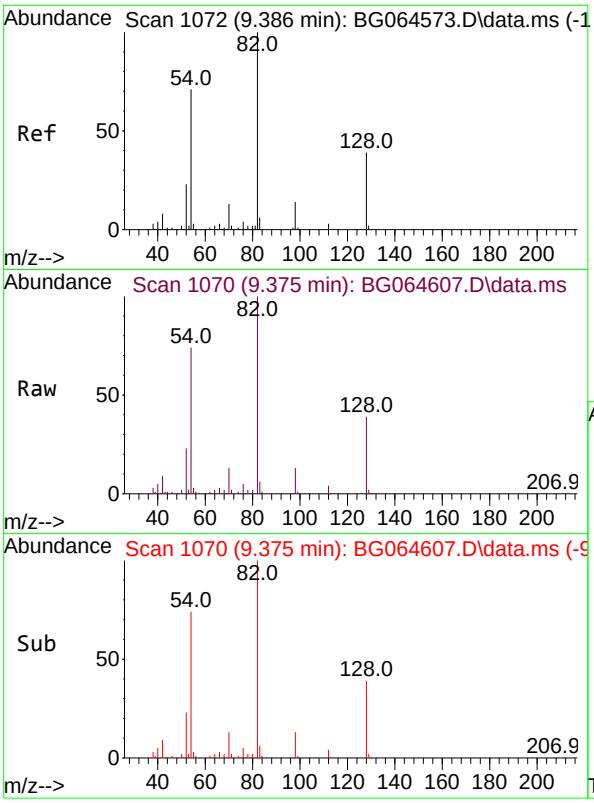


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:136 Resp: 142465

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	16.0	12.6	19.0
68	6.4	5.7	8.5



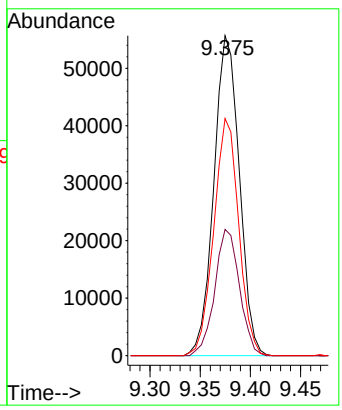


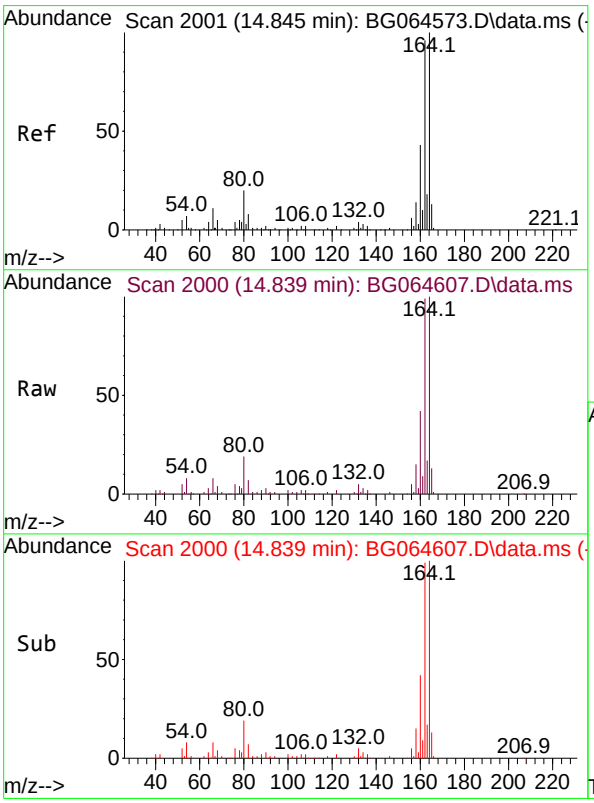
#23
Nitrobenzene-d5
Concen: 41.450 ng
RT: 9.375 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion: 82 Resp: 98317

Ion	Ratio	Lower	Upper
82	100		
128	39.4	31.3	46.9
54	74.1	56.6	84.8

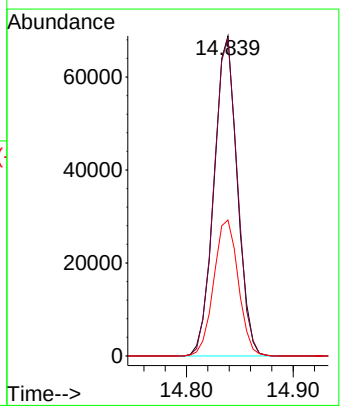


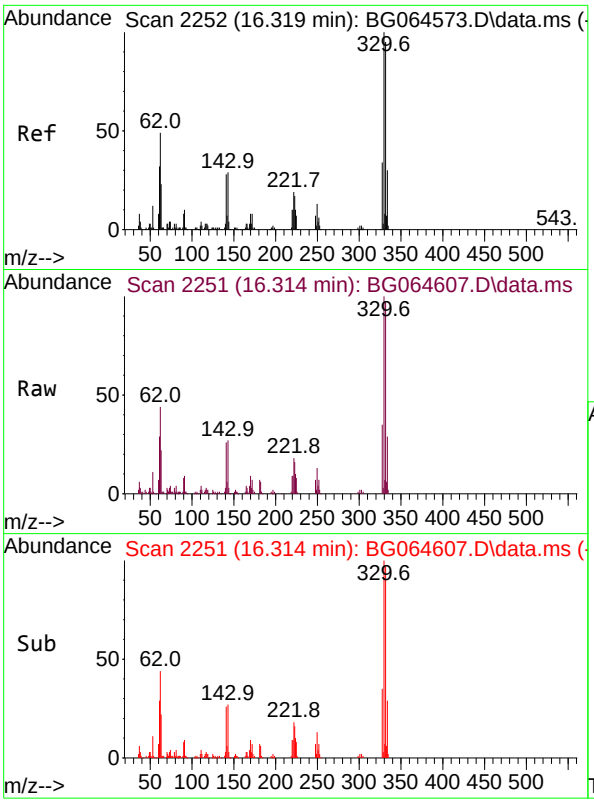


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:164 Resp: 104362

Ion	Ratio	Lower	Upper
164	100		
162	99.3	77.0	115.6
160	42.5	34.4	51.6



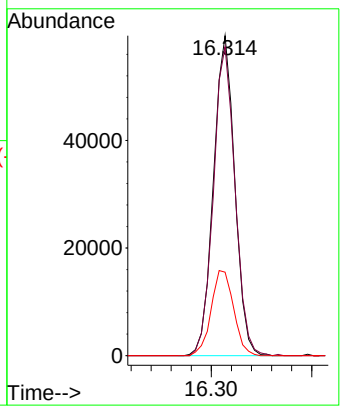


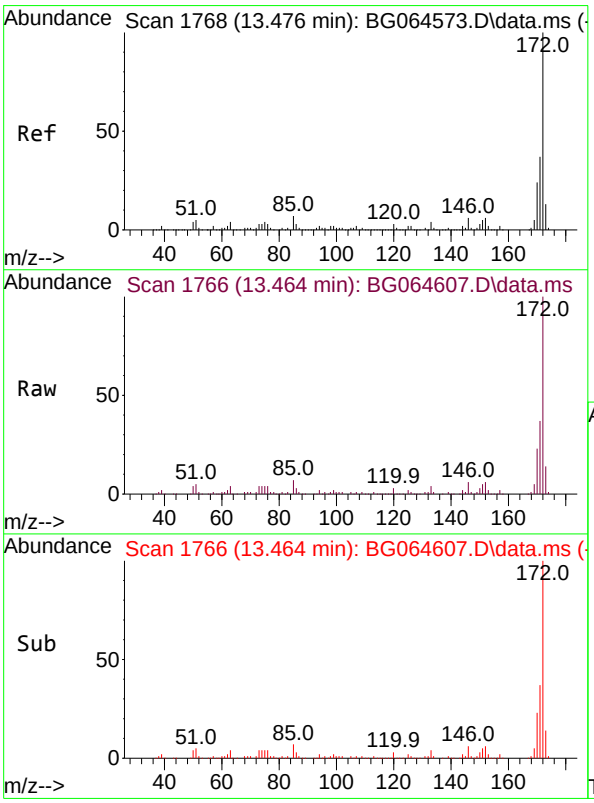
#42
2,4,6-Tribromophenol
Concen: 58.246 ng
RT: 16.314 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:330 Resp: 87733

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.0	117.0
141	28.0	21.8	32.6

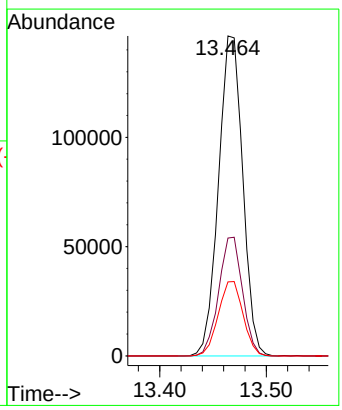


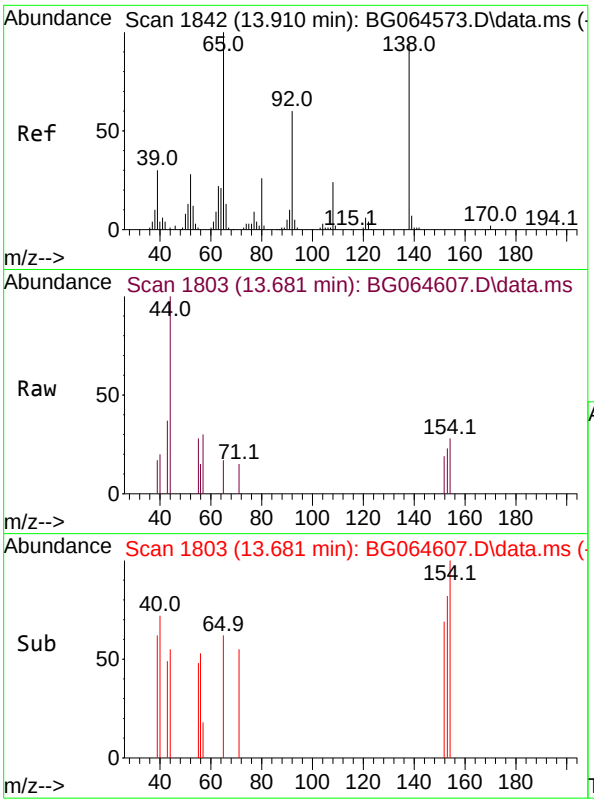


#45
2-Fluorobiphenyl
Concen: 33.571 ng
RT: 13.464 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:172 Resp: 231144

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	23.1	19.1	28.7



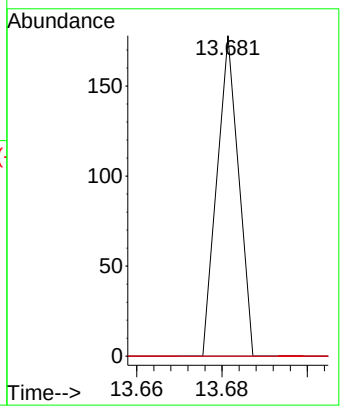


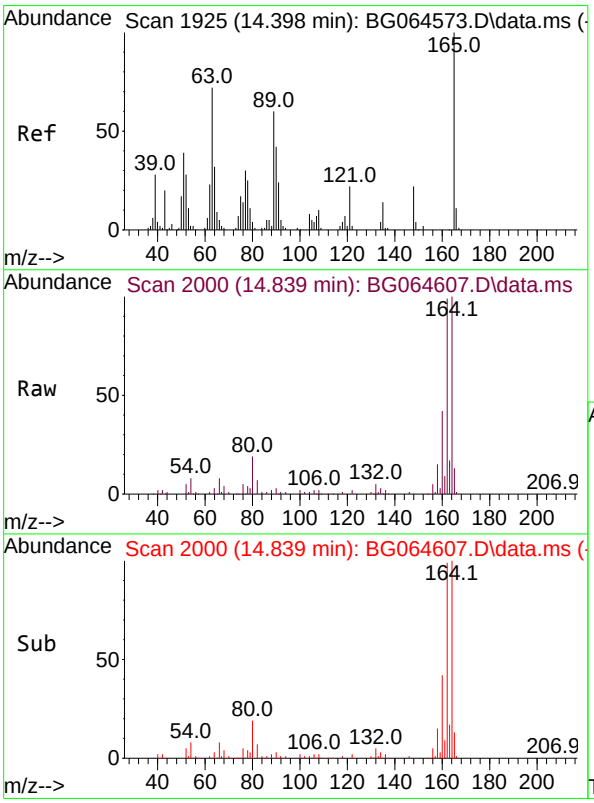
#48
2-Nitroaniline
Concen: 3.256 ng
RT: 13.681 min Scan# 18
Delta R.T. -0.229 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion: 65 Resp: 63

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

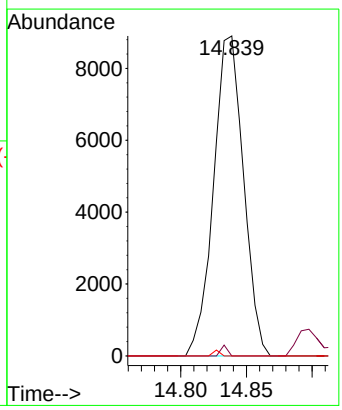


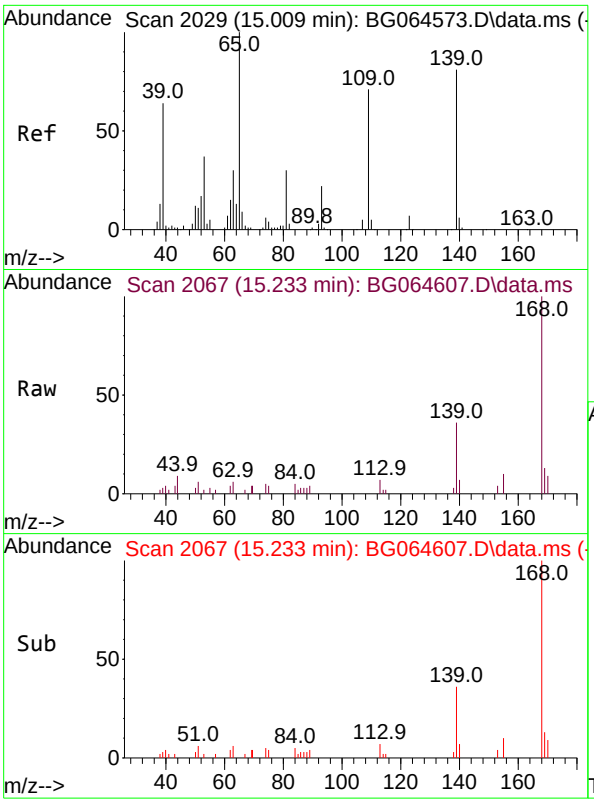


#51
2,6-Dinitrotoluene
Concen: 13.196 ng
RT: 14.839 min Scan# 2000
Delta R.T. 0.441 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:165 Resp: 14119

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



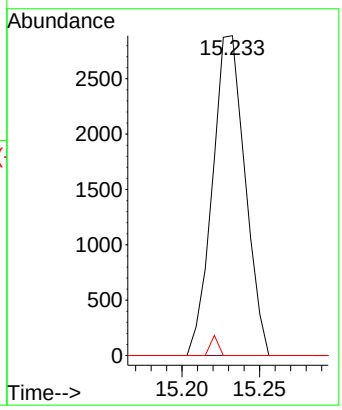


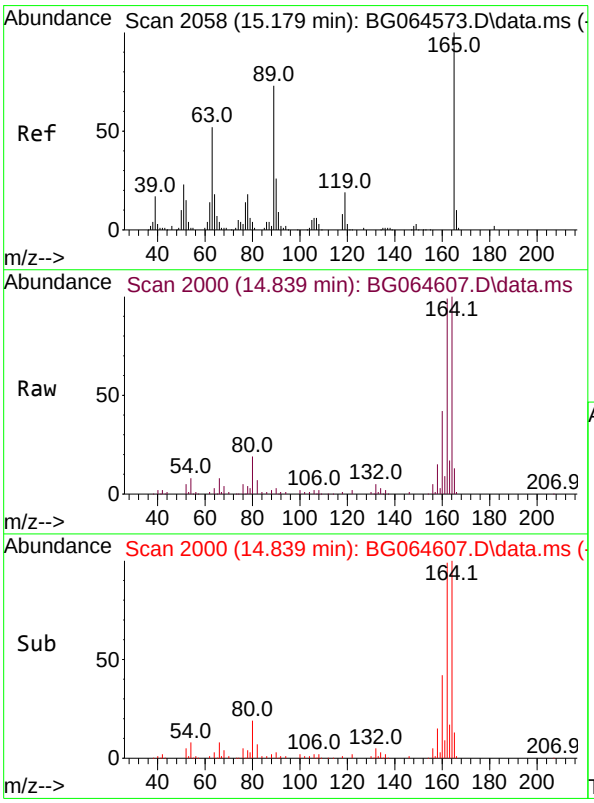
#56
4-Nitrophenol
Concen: 3.324 ng
RT: 15.233 min Scan# 2
Delta R.T. 0.223 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:139 Resp: 4230

Ion	Ratio	Lower	Upper
139	100		
109	0.0	67.8	107.8#
65	0.0	103.7	143.7#

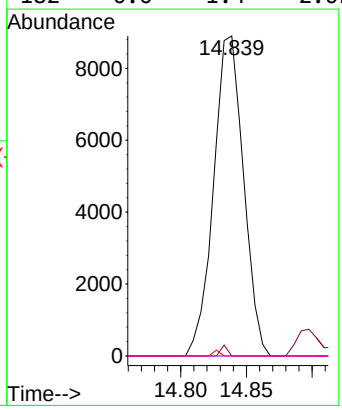


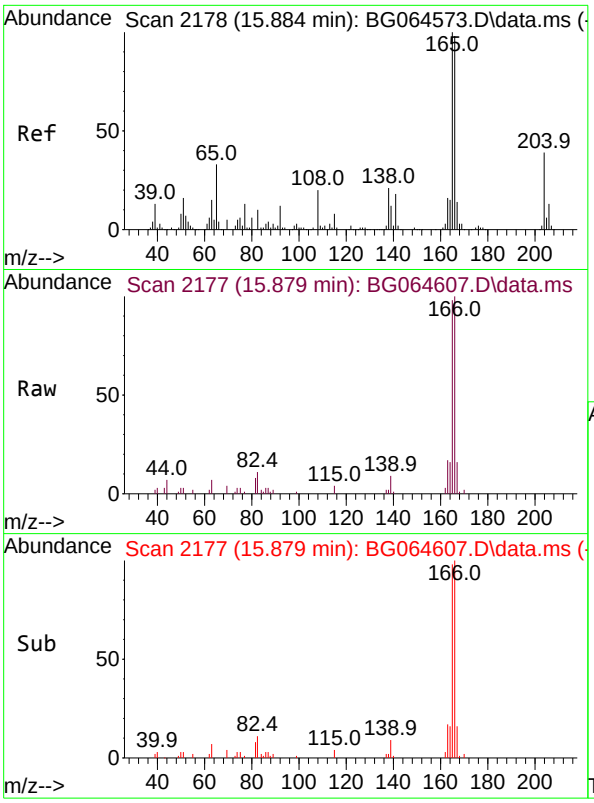


#57
2,4-Dinitrotoluene
Concen: 9.541 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.340 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:165 Resp: 14119

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



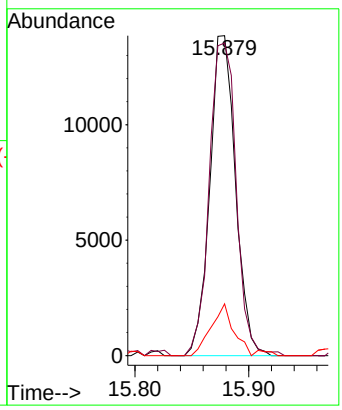


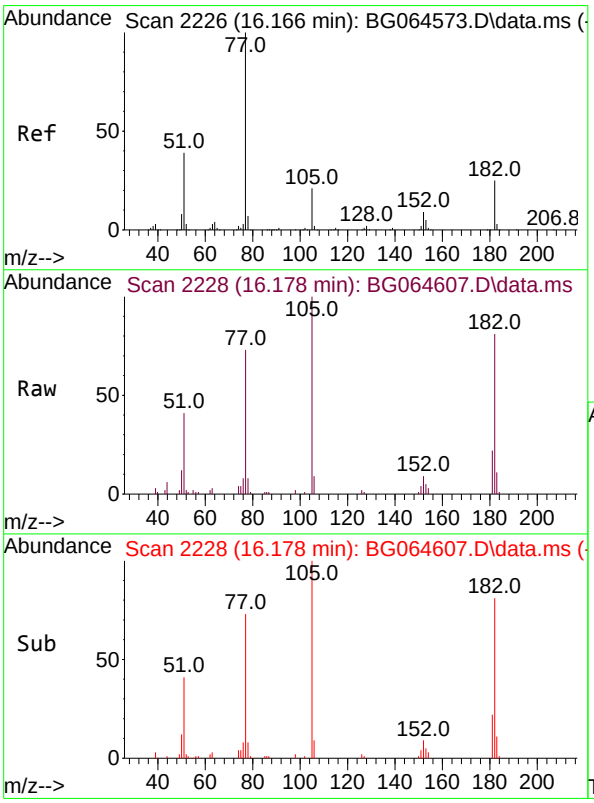
#58
Fluorene
Concen: 2.855 ng
RT: 15.879 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:166 Resp: 21753

Ion	Ratio	Lower	Upper
166	100		
165	97.7	81.5	122.3
167	16.2	11.4	17.0

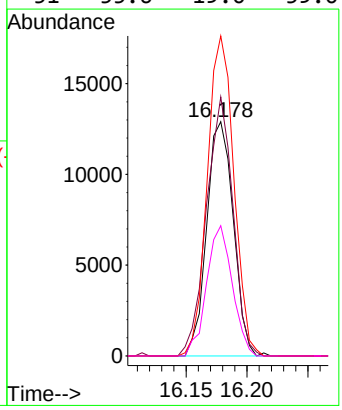


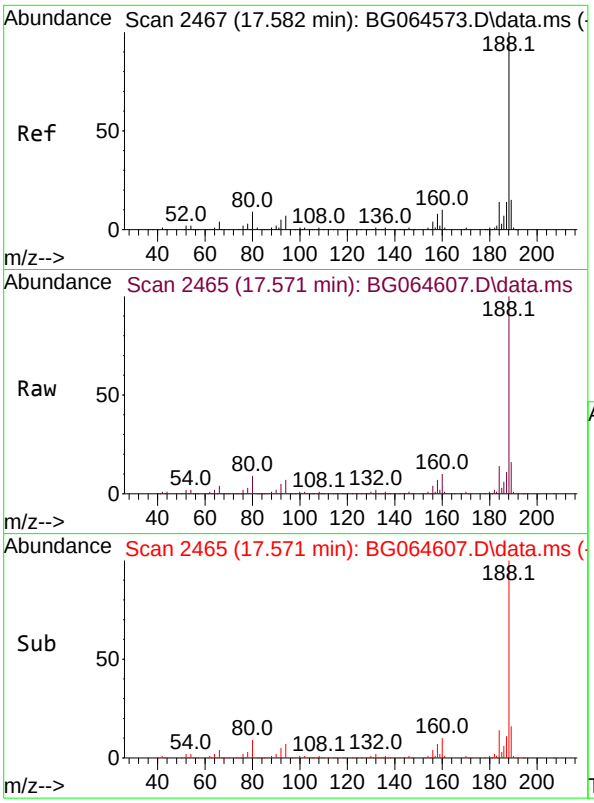


#63
Azobenzene
Concen: 2.620 ng
RT: 16.178 min Scan# 2228
Delta R.T. 0.012 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion: 77 Resp: 19598

Ion	Ratio	Lower	Upper
77	100		
182	110.6	4.9	44.9#
105	136.7	1.3	41.3#
51	55.6	19.0	59.0



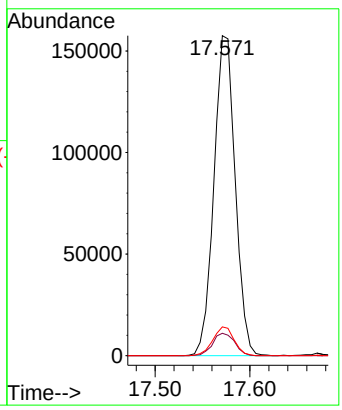


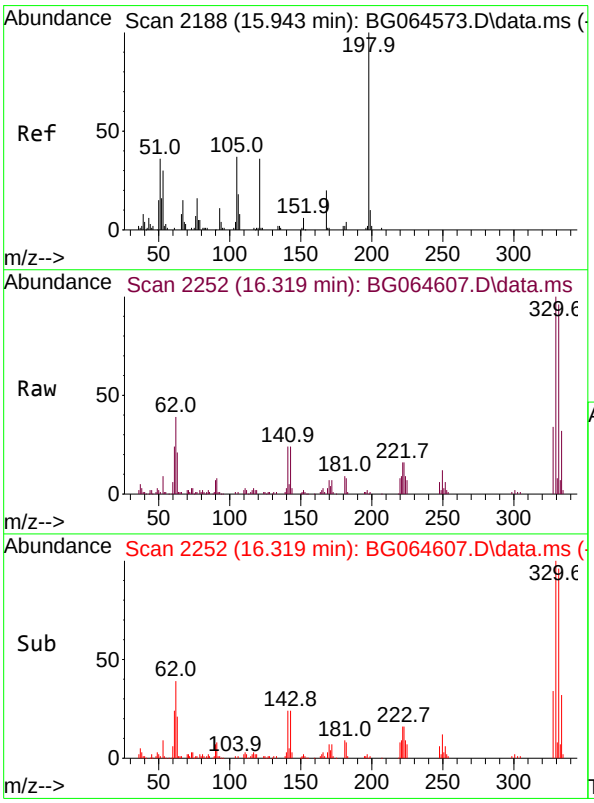
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:188 Resp: 245633

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	9.0	6.8	10.2

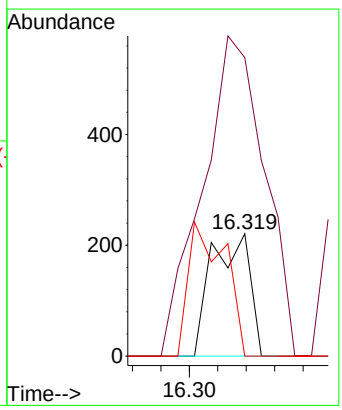


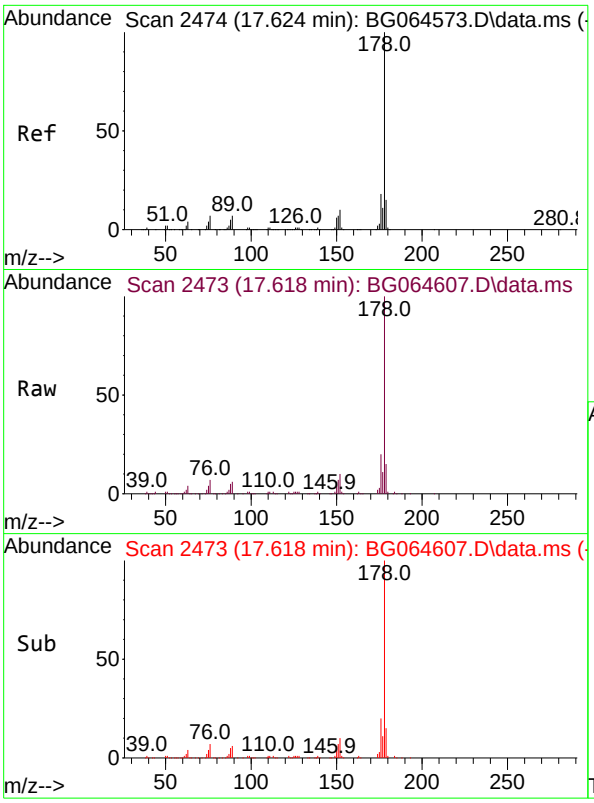


#65
4,6-Dinitro-2-methylphenol
Concen: 5.596 ng
RT: 16.319 min Scan# 2252
Delta R.T. 0.376 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:198 Resp: 206

Ion	Ratio	Lower	Upper
198	100		
51	243.9	24.7	64.7#
105	0.0	18.0	58.0#



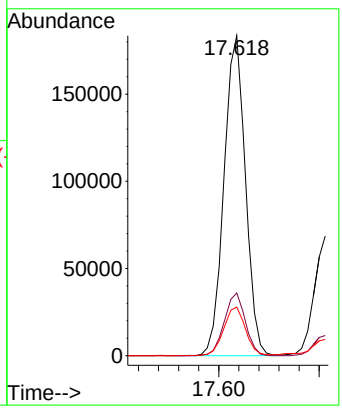


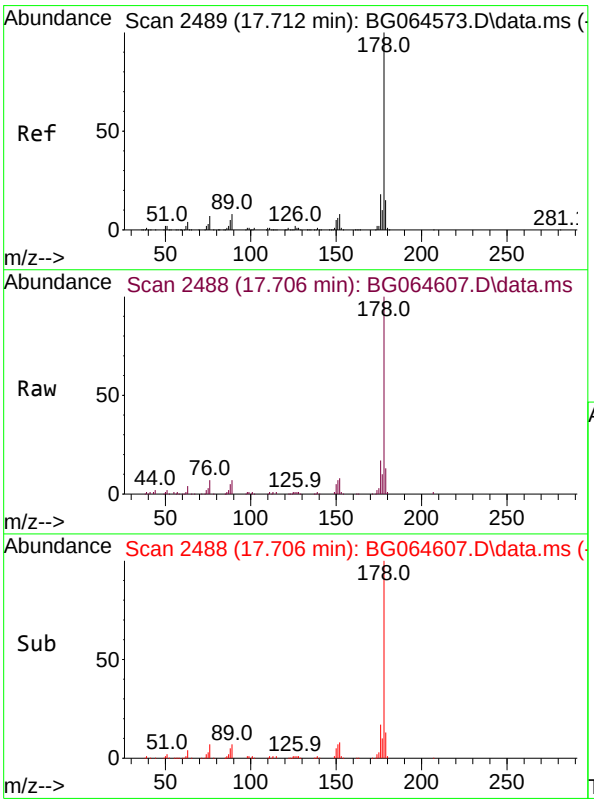
#71
Phenanthrene
Concen: 20.278 ng
RT: 17.618 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:178 Resp: 272393

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.7	22.1
179	15.2	12.2	18.4

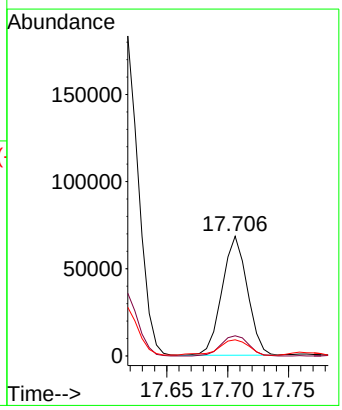


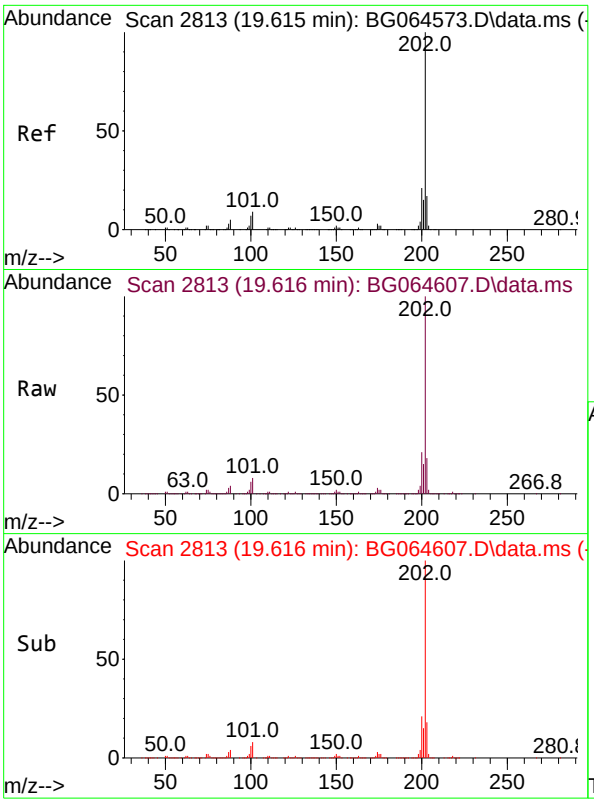


#72
Anthracene
Concen: 7.238 ng
RT: 17.706 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:178 Resp: 98901

Ion	Ratio	Lower	Upper
178	100		
176	16.8	14.4	21.6
179	13.4	12.4	18.6



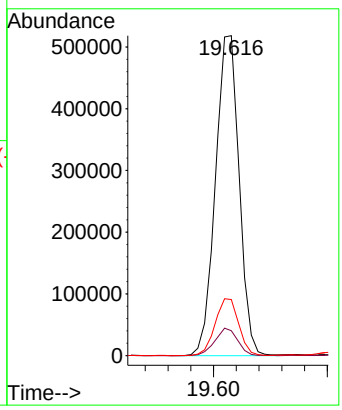


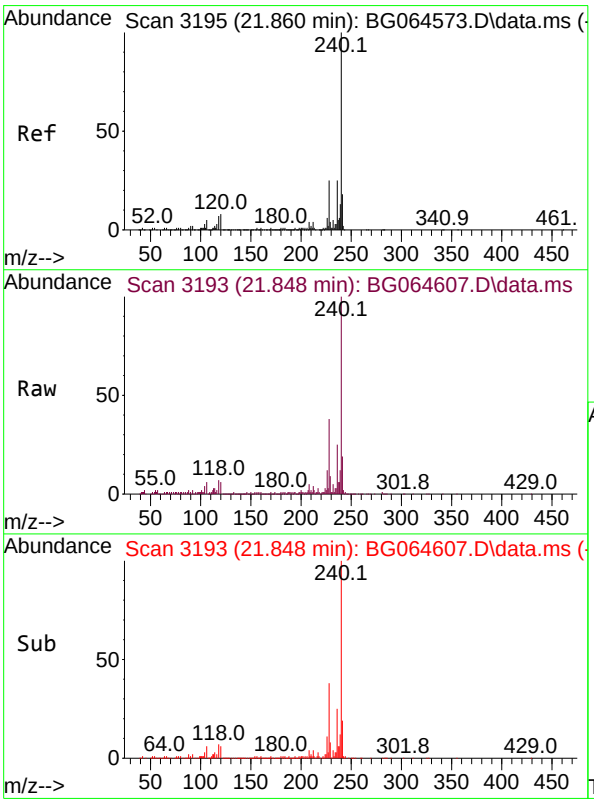
#75
Fluoranthene
Concen: 44.556 ng
RT: 19.616 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:202 Resp: 749773

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.7
203	17.5	0.0	37.0

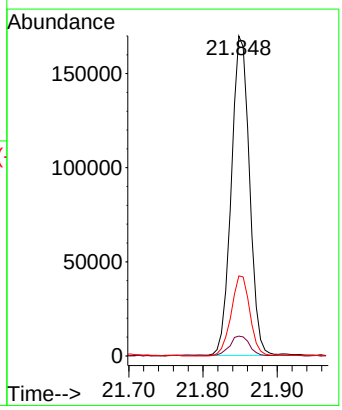


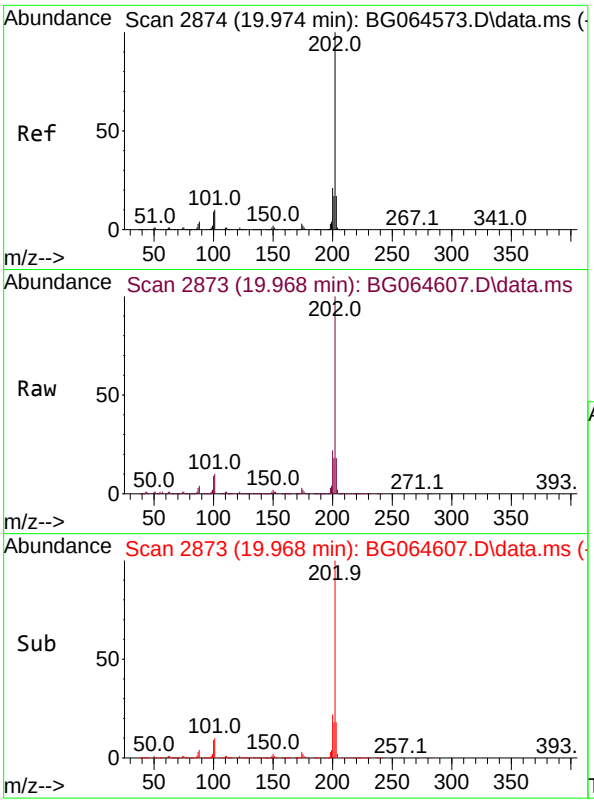


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:240 Resp: 289389

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.5	9.7#
236	25.0	20.2	30.2



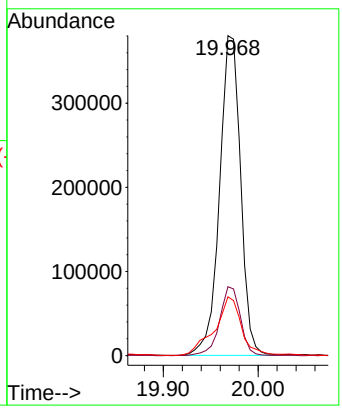


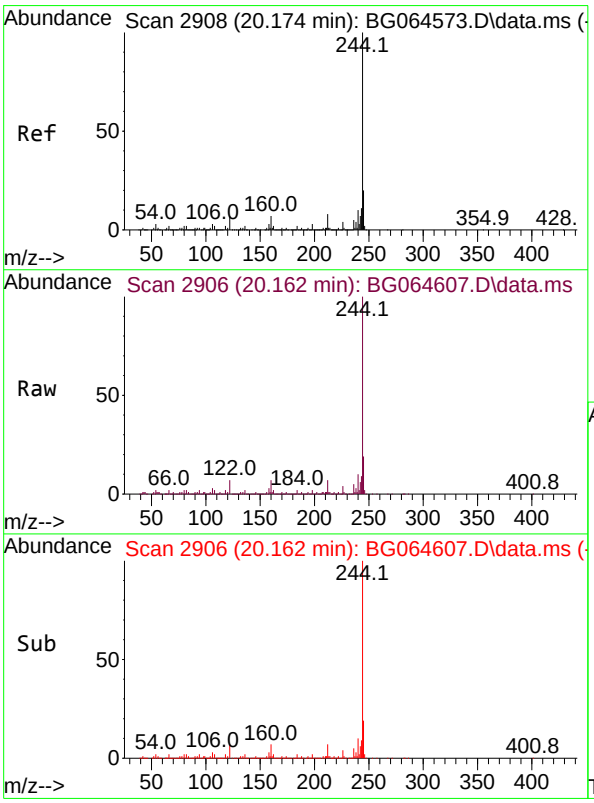
#78
Pyrene
Concen: 31.029 ng
RT: 19.968 min Scan# 28
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:202 Resp: 586677

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	18.4	13.8	20.6

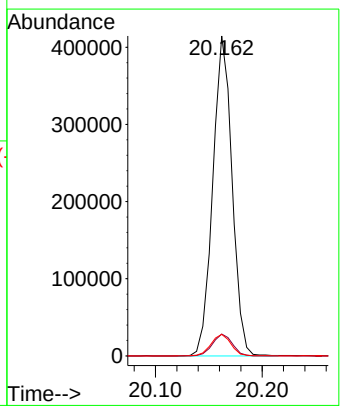


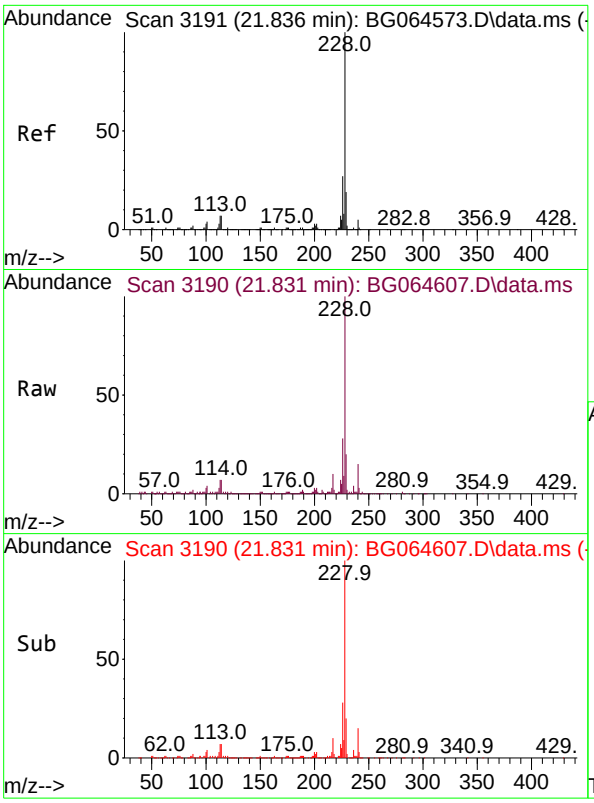


#79
Terphenyl-d14
Concen: 34.013 ng
RT: 20.162 min Scan# 2906
Delta R.T. -0.012 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:244 Resp: 521571

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.1	9.1
122	6.7	5.6	8.4



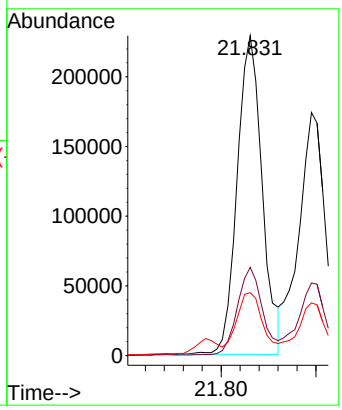


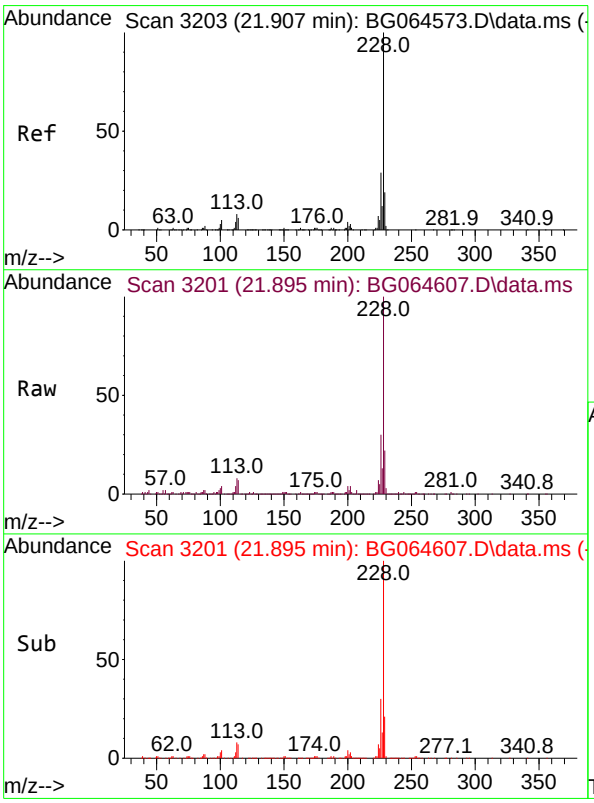
#81
Benzo(a)anthracene
Concen: 21.807 ng
RT: 21.831 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:228 Resp: 418428

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	19.7	15.6	23.4

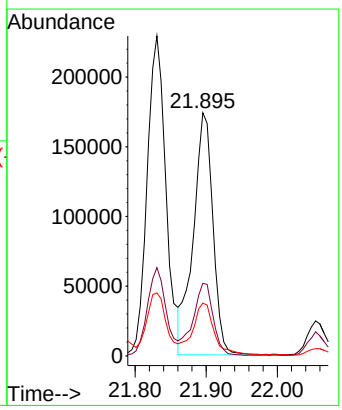


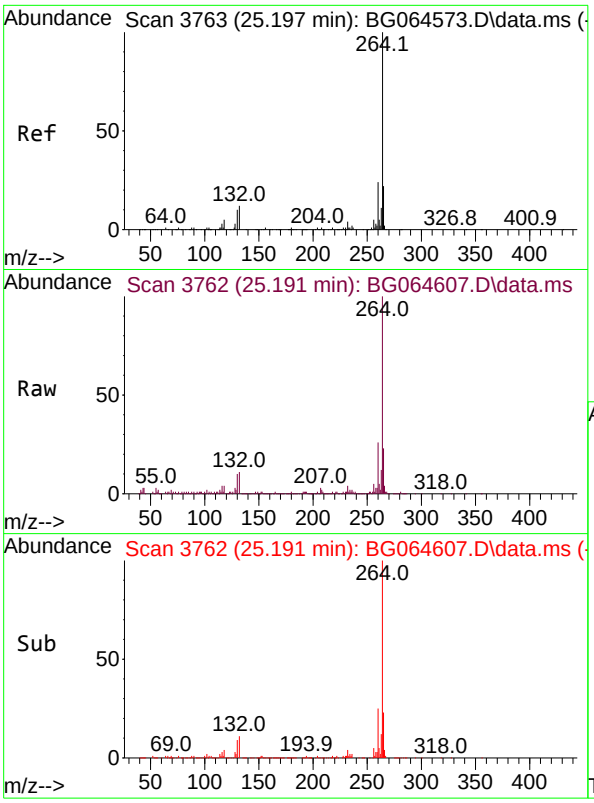


#83
Chrysene
Concen: 18.299 ng
RT: 21.895 min Scan# 3201
Delta R.T. -0.012 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:228 Resp: 334092

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	21.7	15.2	22.8



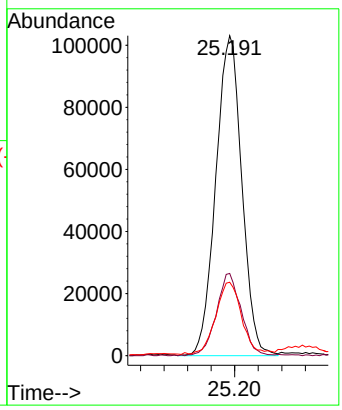


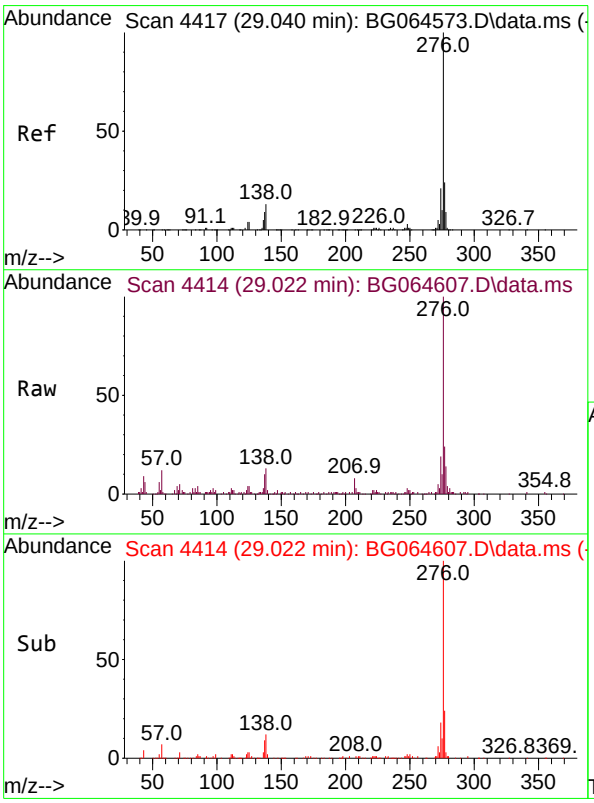
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:264 Resp: 316216

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.0	28.4
265	22.9	17.6	26.4

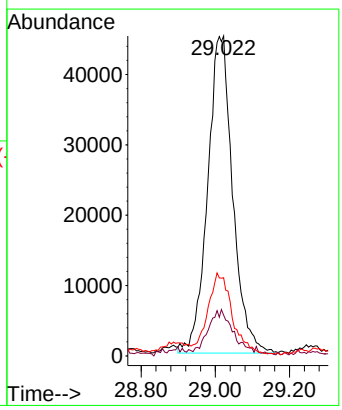


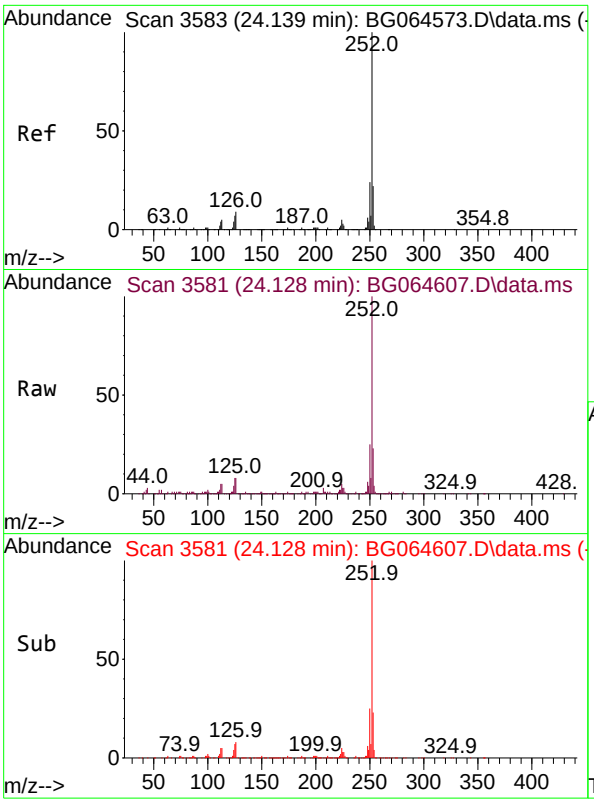


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.127 ng
RT: 29.022 min Scan# 4414
Delta R.T. -0.017 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:276 Resp: 212315

Ion	Ratio	Lower	Upper
276	100		
138	6.0	10.8	16.2#
277	24.1	20.1	30.1



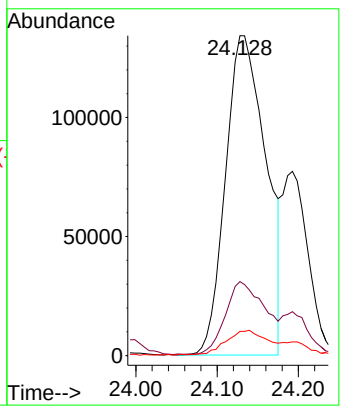


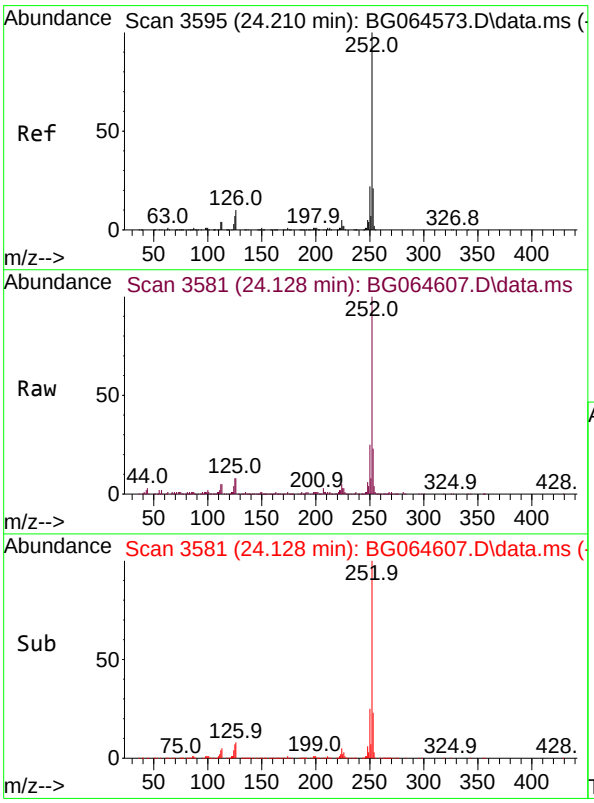
#88
Benzo(b)fluoranthene
Concen: 23.993 ng
RT: 24.128 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:252 Resp: 465232

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	7.6	5.6	8.4

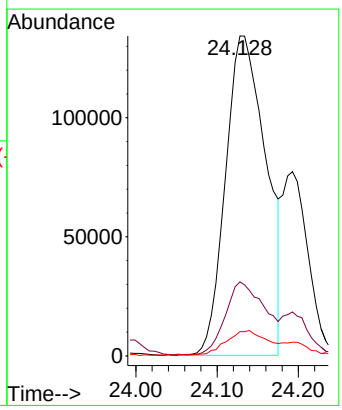


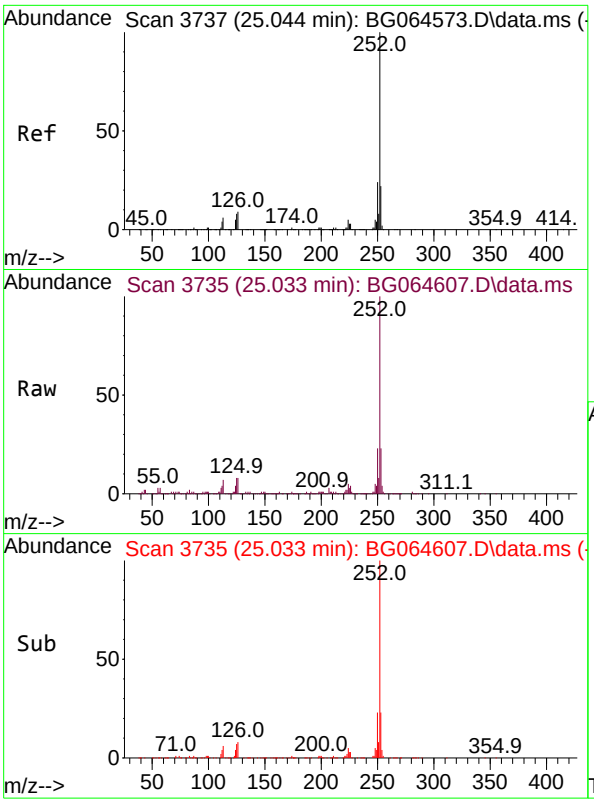


#89
Benzo(k)fluoranthene
Concen: 23.977 ng
RT: 24.128 min Scan# 3581
Delta R.T. -0.082 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:252 Resp: 465232

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.8	25.2
125	7.6	5.4	8.0



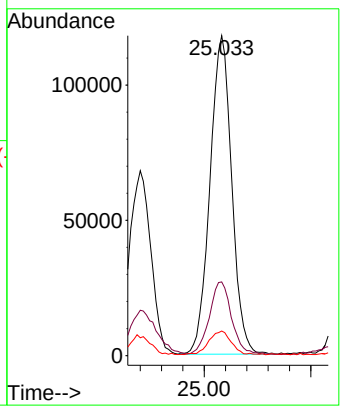


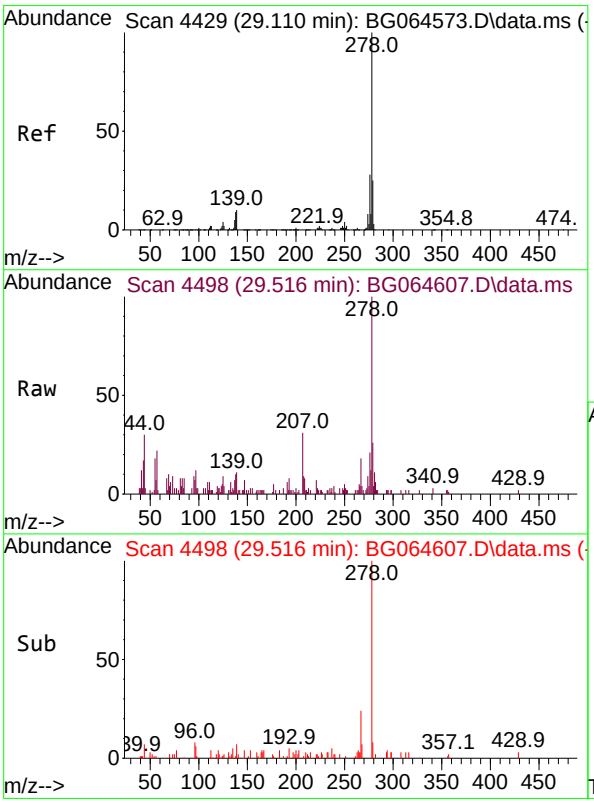
#90
Benzo(a)pyrene
Concen: 18.736 ng
RT: 25.033 min Scan# 3
Delta R.T. -0.012 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:252 Resp: 333940

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	7.7	6.1	9.1

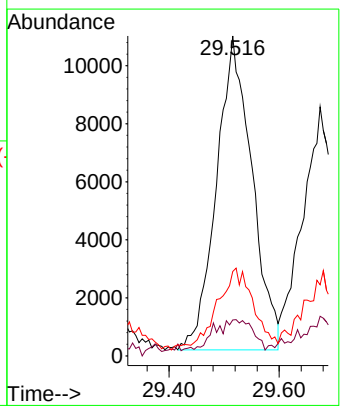


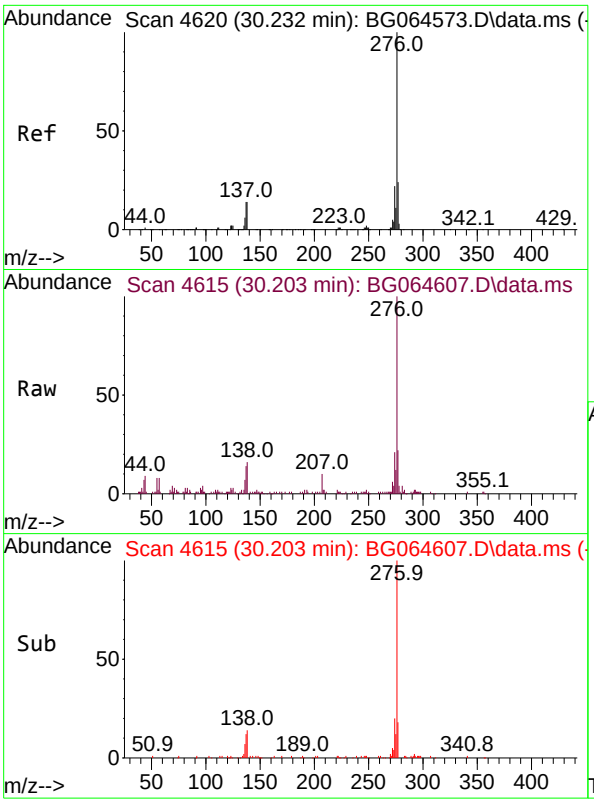


#91
Dibenzo(a,h)anthracene
Concen: 2.557 ng
RT: 29.516 min Scan# 4498
Delta R.T. 0.406 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Tgt Ion:278 Resp: 48320

Ion	Ratio	Lower	Upper
278	100		
139	11.2	8.0	12.0
279	26.4	19.8	29.6





#92
Benzo(g,h,i)perylene
Concen: 9.883 ng
RT: 30.203 min Scan# 4
Delta R.T. -0.029 min
Lab File: BG064607.D
Acq: 28 Oct 2025 18:35

Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion:276 Resp: 178422

Ion	Ratio	Lower	Upper
276	100		
277	21.9	19.1	28.7
138	15.5	11.3	16.9