Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064670.D
Acq On : 1 Nov 2025 00:27
Operator : RC/JU
Sample : Q3486-07DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 01 01:02:42 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	8.219	152	43395	20.000	ng	0.00
21) Naphthalene-d8	11.045	136	171761	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	128277	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	266257	20.000	ng	0.00
76) Chrysene-d12	21.856	240	285356	20.000	ng	# 0.00
86) Perylene-d12	25.199	264	320271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	9375	3.626	ng	0.00
7) Phenol-d6	7.350	99	13458	3.794	ng	0.00
23) Nitrobenzene-d5	9.377	82	9042	3.162	ng	-0.01
42) 2,4,6-Tribromophenol	16.316	330	6889	3.721	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	21913	2.589	ng	0.00
79) Terphenyl-d14	20.164	244	36277	2.399	ng	-0.01
Target Compounds						Qvalue
48) 2-Nitroaniline	13.913	65	53	3.246	ng	# 10
49) Acenaphthylene	14.571	152	29382	2.706	ng	# 93
51) 2,6-Dinitrotoluene	14.835	165	17078	13.036	ng	# 20
57) 2,4-Dinitrotoluene	15.235	165	656	3.296	ng	# 72
65) 4,6-Dinitro-2-methylph...	16.345	198	56	5.469	ng	# 14
71) Phenanthrene	17.620	178	199665	13.713	ng	99
75) Fluoranthene	19.618	202	279613	15.329	ng	98
78) Pyrene	19.976	202	590366	31.666	ng	99
81) Benzo(a)anthracene	21.903	228	347902	18.387	ng	93
83) Chrysene	21.903	228	347902	19.324	ng	95
87) Indeno(1,2,3-cd)pyrene	29.036	276	142913	6.066	ng	# 87
88) Benzo(b)fluoranthene	24.136	252	270543	13.776	ng	98
89) Benzo(k)fluoranthene	24.136	252	270343	13.756	ng	99
90) Benzo(a)pyrene	25.047	252	306845	16.997	ng	99
92) Benzo(g,h,i)perylene	29.036	276	142913	6.066	ng	98

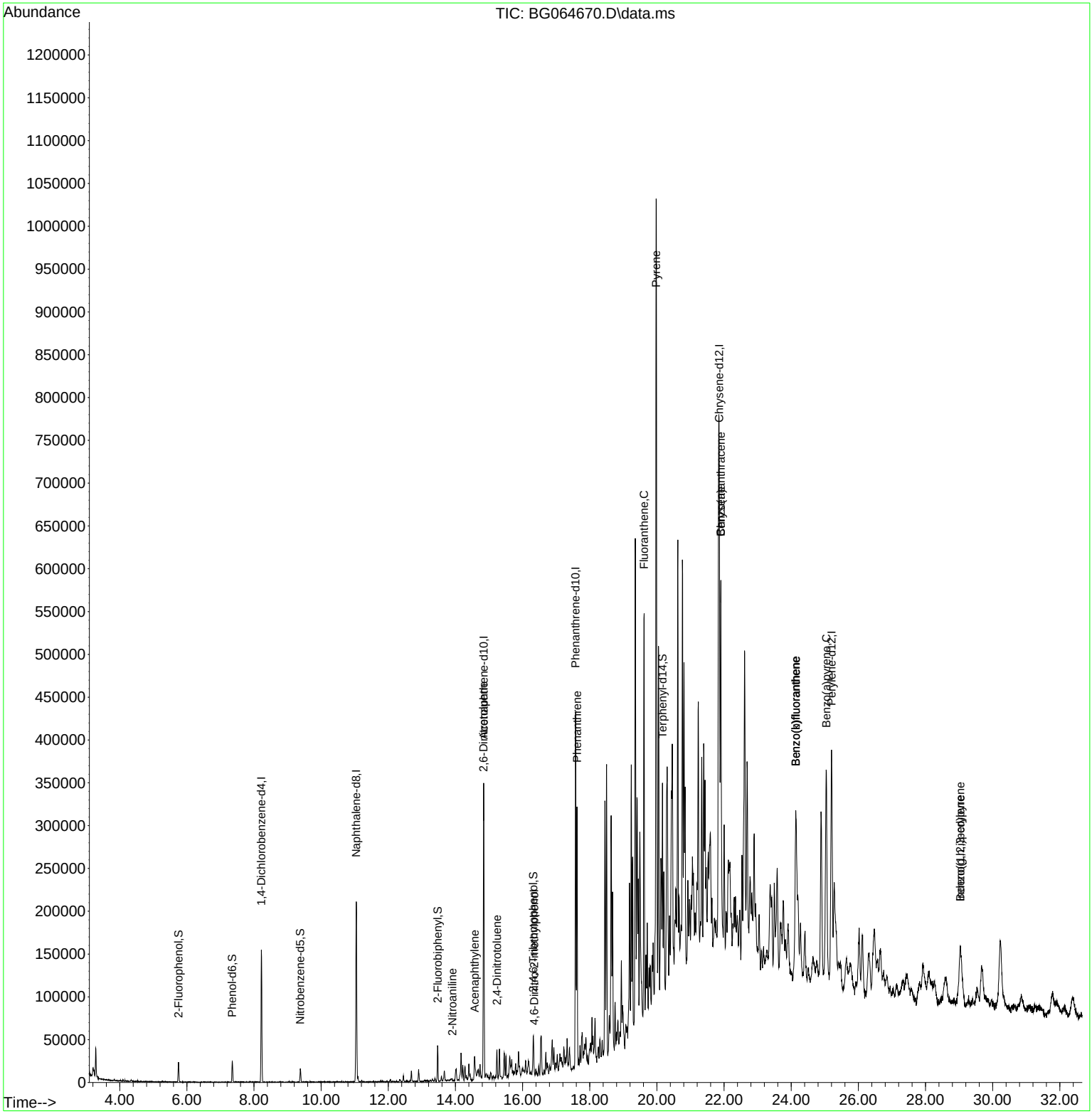
(#) = qualifier out of range (m) = manual integration (+) = signals summed

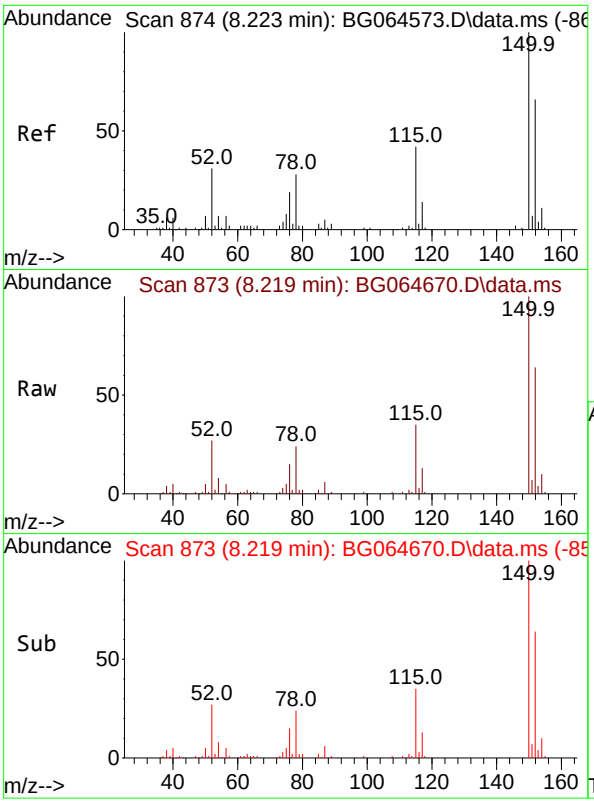
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064670.D
Acq On : 1 Nov 2025 00:27
Operator : RC/JU
Sample : Q3486-07DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 01 01:02:42 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



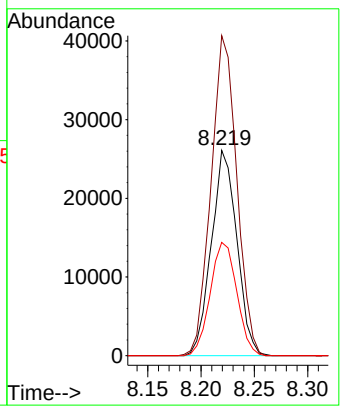


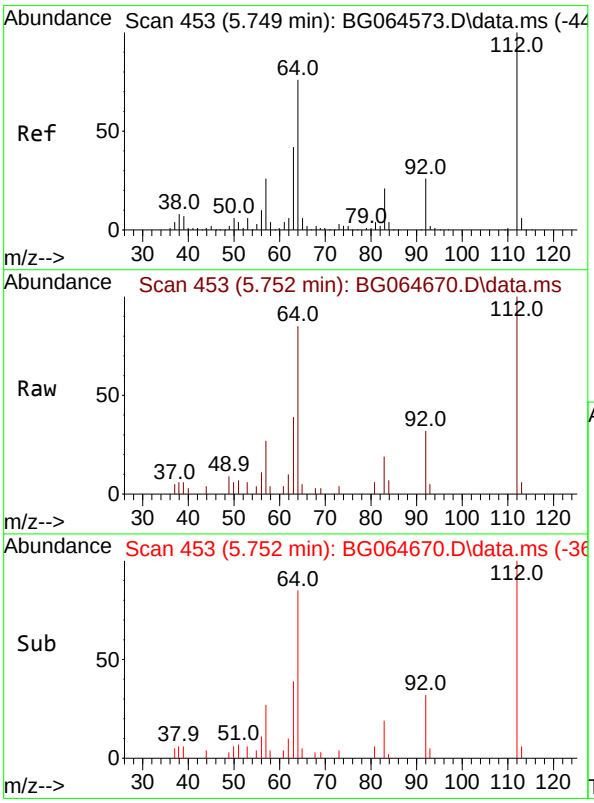
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43395

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.2	183.4
115	55.2	50.8	76.2

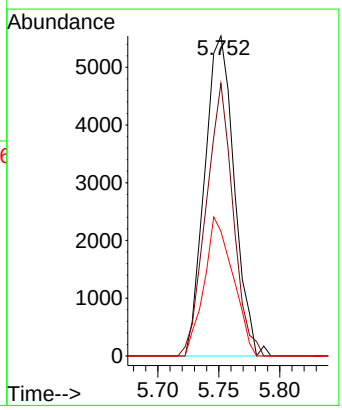


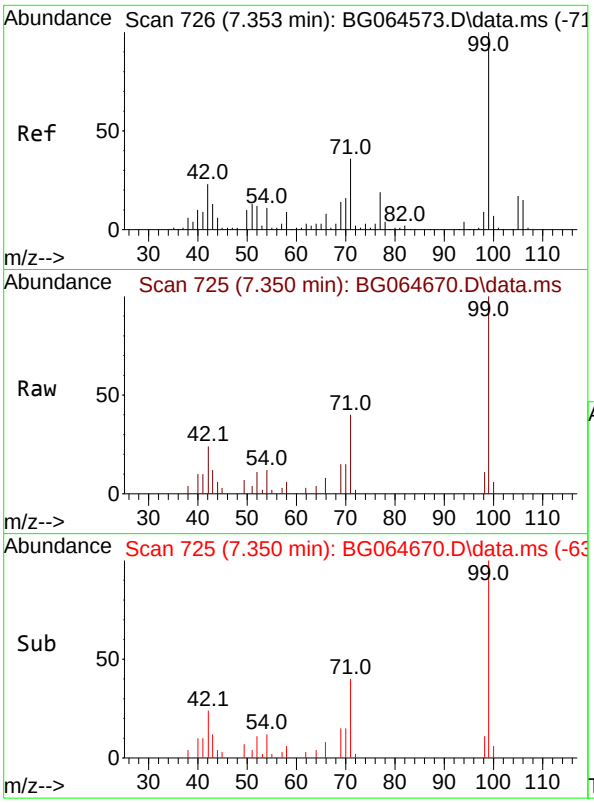


#5
2-Fluorophenol
Concen: 3.626 ng
RT: 5.752 min Scan# 453
Delta R.T. 0.005 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:112 Resp: 9375

Ion	Ratio	Lower	Upper
112	100		
64	85.2	60.7	91.1
63	39.0	33.4	50.0



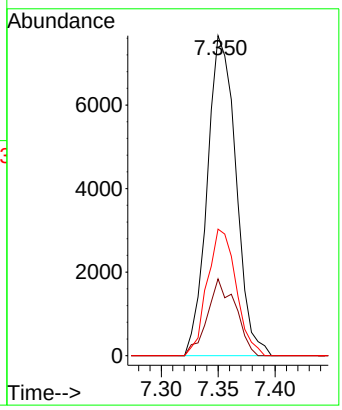


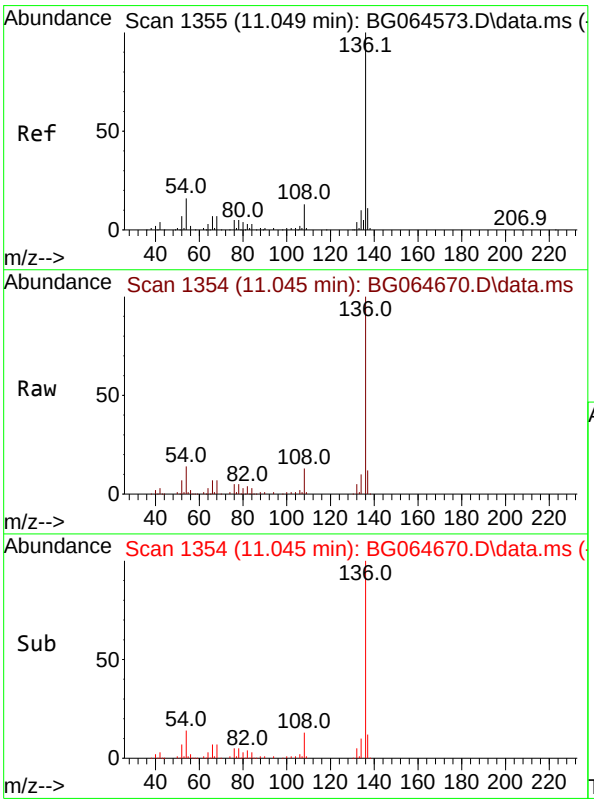
#7
Phenol-d6
Concen: 3.794 ng
RT: 7.350 min Scan# 7
Delta R.T. -0.007 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 13458

Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.3	27.5
71	39.6	28.6	43.0

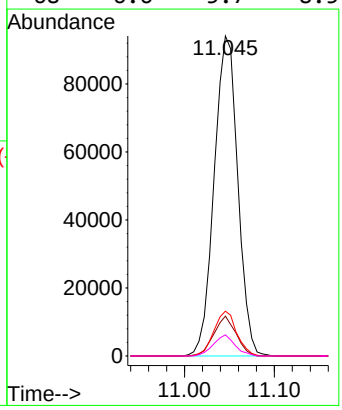


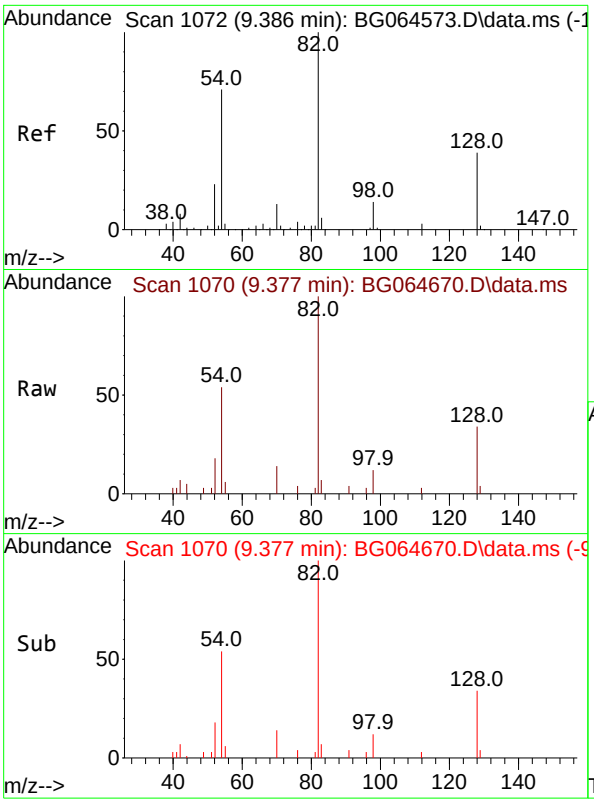


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1354
Delta R.T. -0.007 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:136 Resp: 171761

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	14.0	12.6	19.0
68	6.6	5.7	8.5



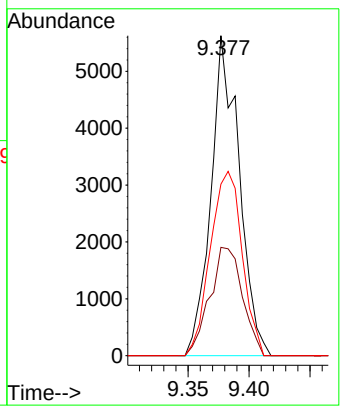


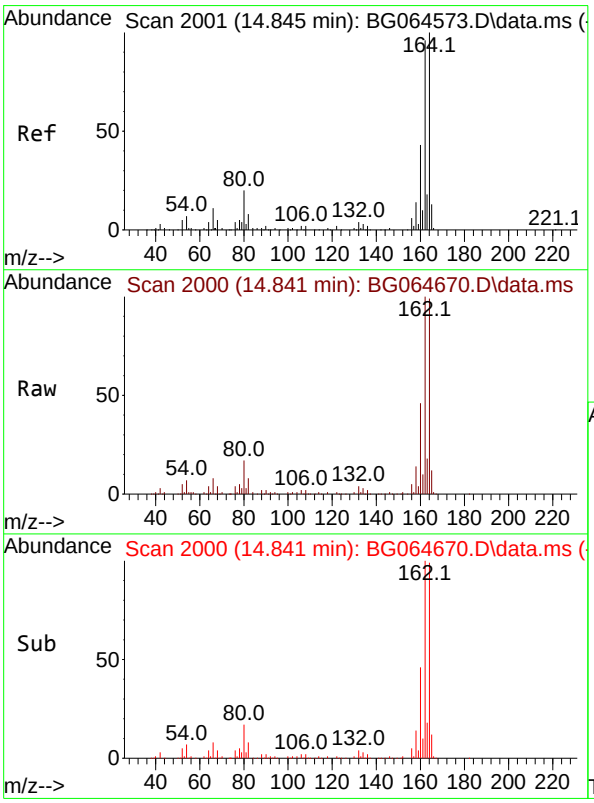
#23
Nitrobenzene-d5
Concen: 3.162 ng
RT: 9.377 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 9042

Ion	Ratio	Lower	Upper
82	100		
128	33.9	31.3	46.9
54	53.6	56.6	84.8#

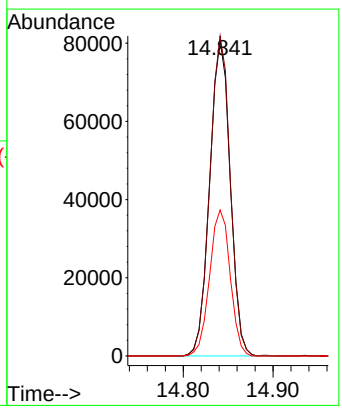


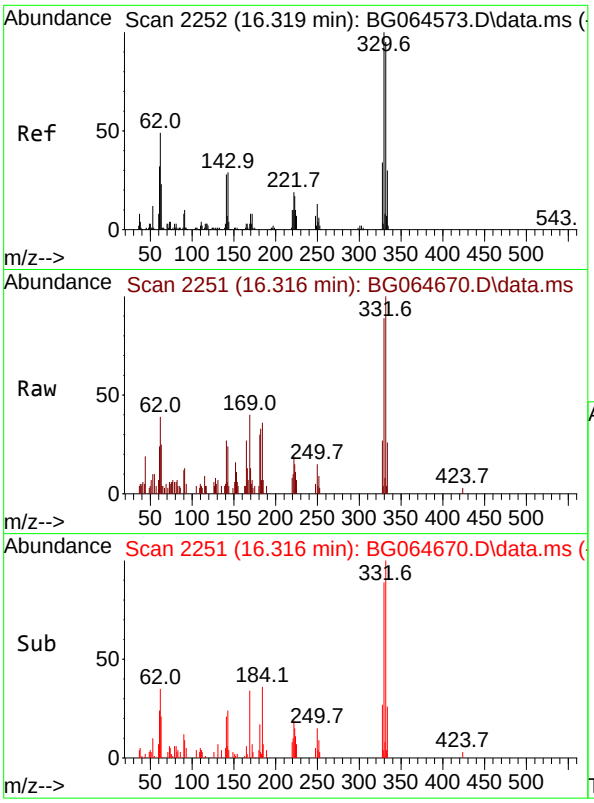


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.001 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:164 Resp: 128277

Ion	Ratio	Lower	Upper
164	100		
162	101.4	77.0	115.6
160	46.2	34.4	51.6



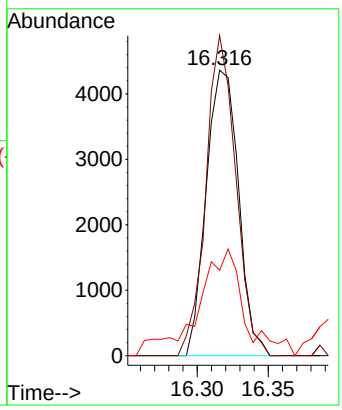


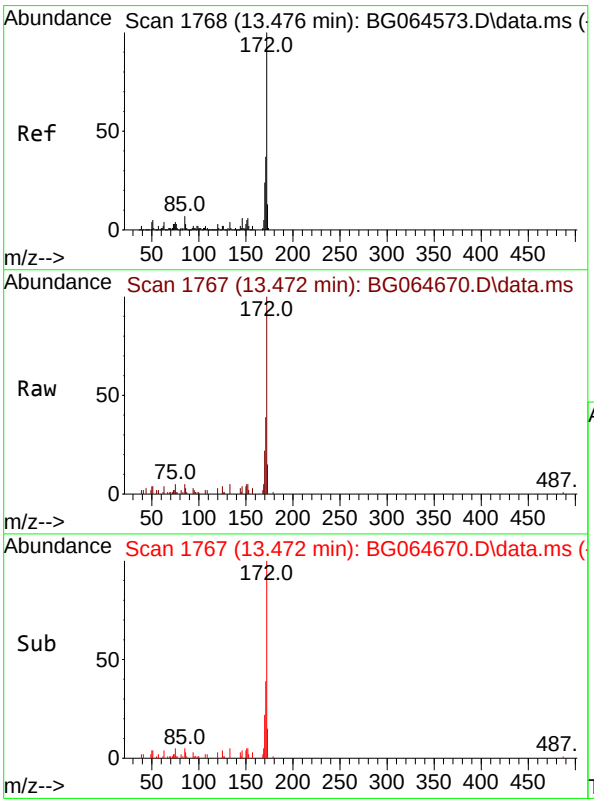
#42
2,4,6-Tribromophenol
Concen: 3.721 ng
RT: 16.316 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 6889

Ion	Ratio	Lower	Upper
330	100		
332	103.8	78.0	117.0
141	53.8	21.8	32.6#

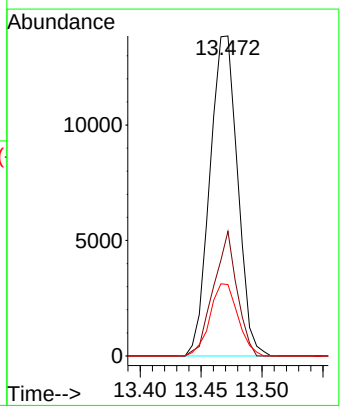


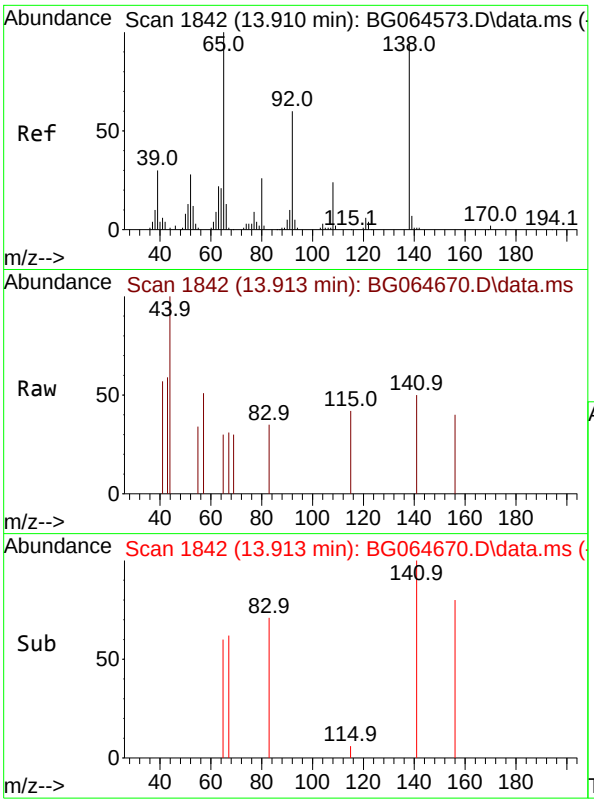


#45
2-Fluorobiphenyl
Concen: 2.589 ng
RT: 13.472 min Scan# 1767
Delta R.T. -0.007 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:172 Resp: 21913

Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.0
170	22.3	19.1	28.7



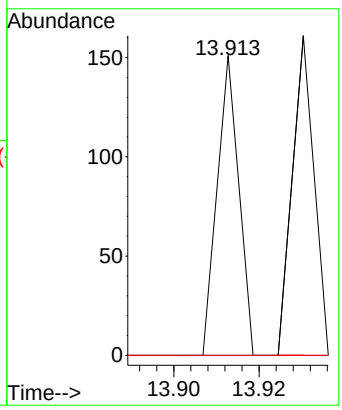


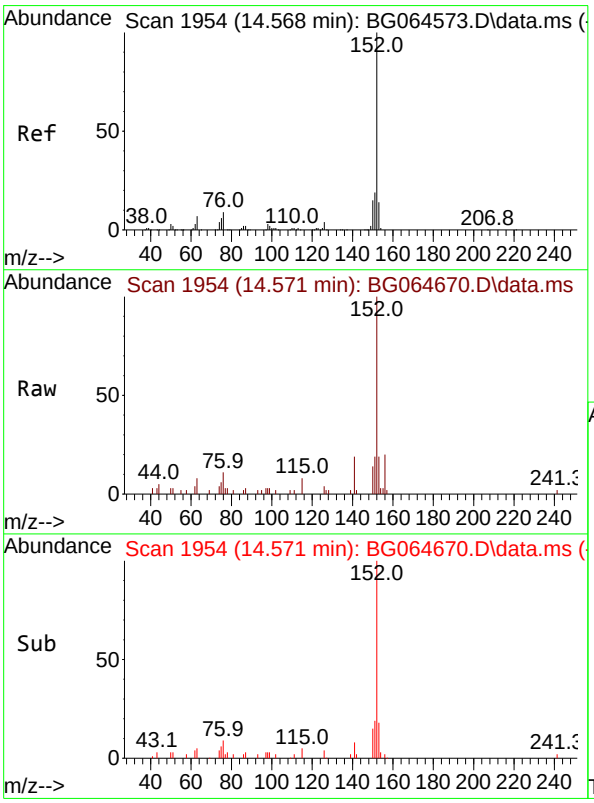
#48
2-Nitroaniline
Concen: 3.246 ng
RT: 13.913 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 65 Resp: 53

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

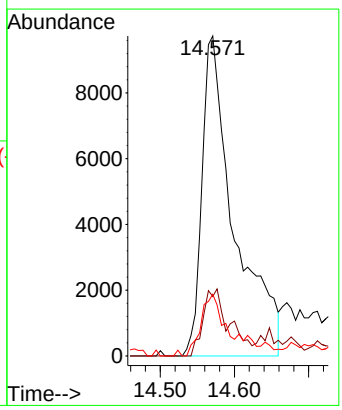


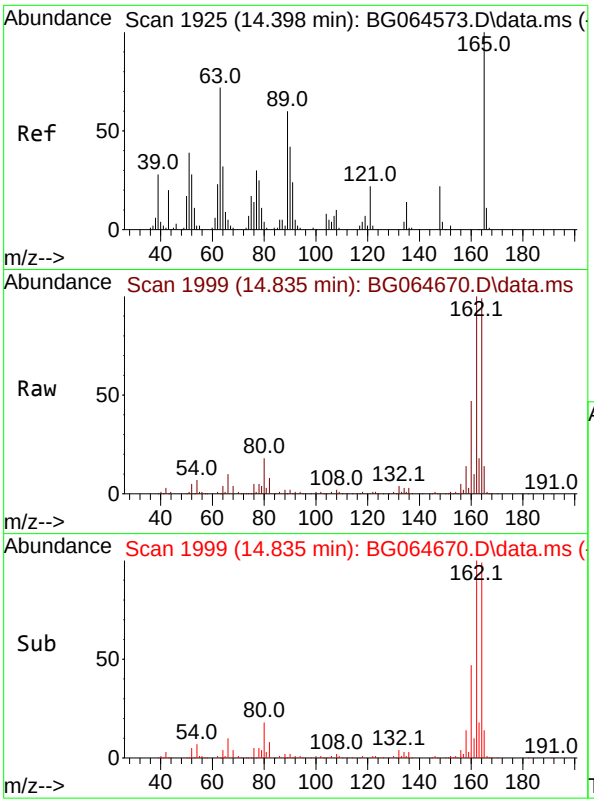


#49
Acenaphthylene
Concen: 2.706 ng
RT: 14.571 min Scan# 1954
Delta R.T. 0.005 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:152 Resp: 29382

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2
153	19.3	11.0	16.4#



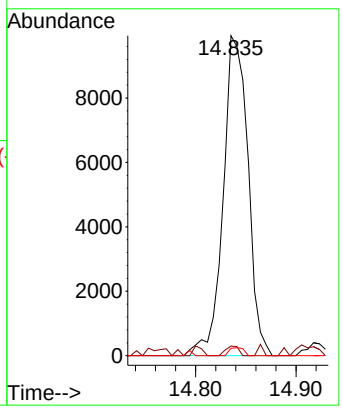


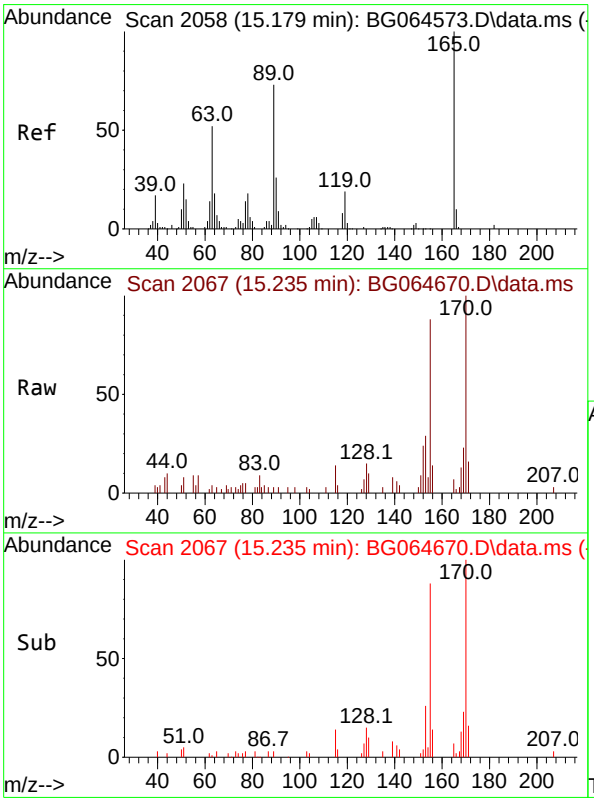
#51
2,6-Dinitrotoluene
Concen: 13.036 ng
RT: 14.835 min Scan# 1
Delta R.T. 0.433 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17078

Ion	Ratio	Lower	Upper
165	100		
63	3.0	57.4	86.0#
89	2.3	47.8	71.8#

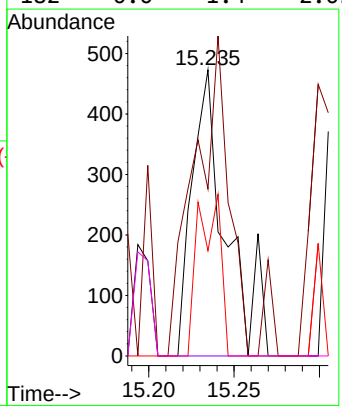


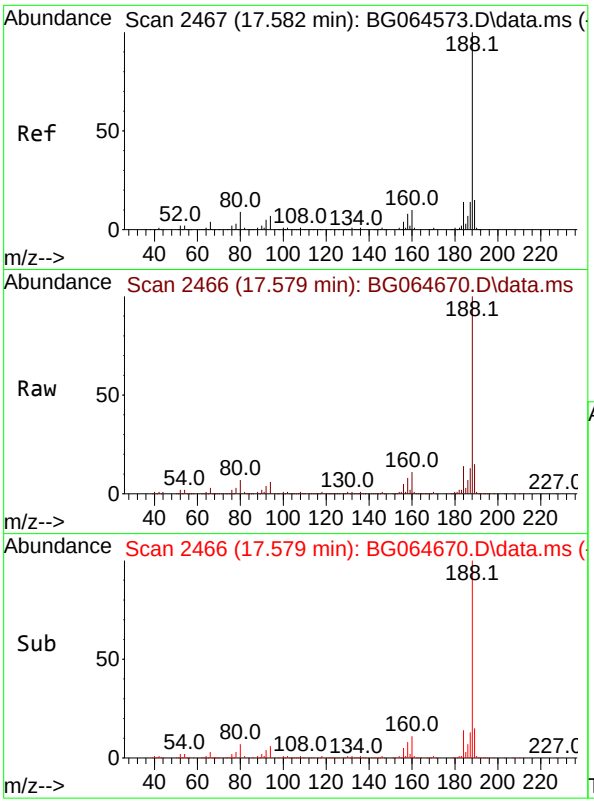


#57
2,4-Dinitrotoluene
Concen: 3.296 ng
RT: 15.235 min Scan# 2067
Delta R.T. 0.046 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:165 Resp: 656

Ion	Ratio	Lower	Upper
165	100		
63	58.4	41.8	62.8
89	36.8	58.1	87.1#
182	0.0	1.4	2.0#



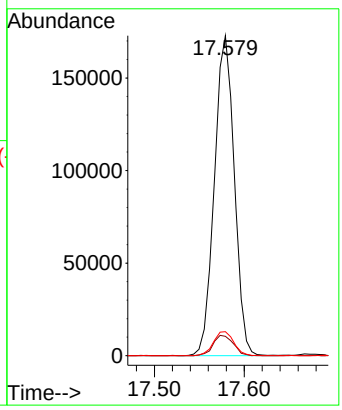


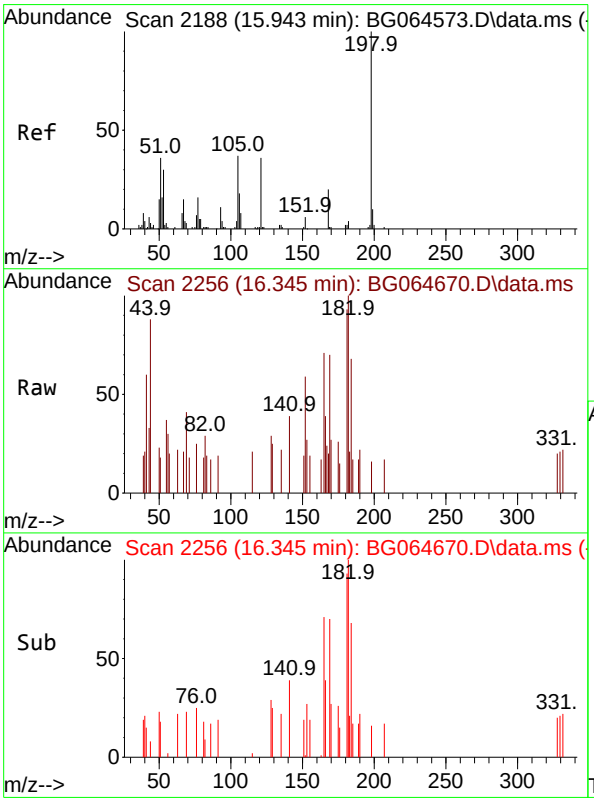
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 266257

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.7	8.5
80	7.5	6.8	10.2

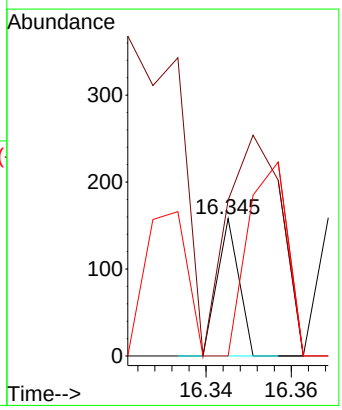


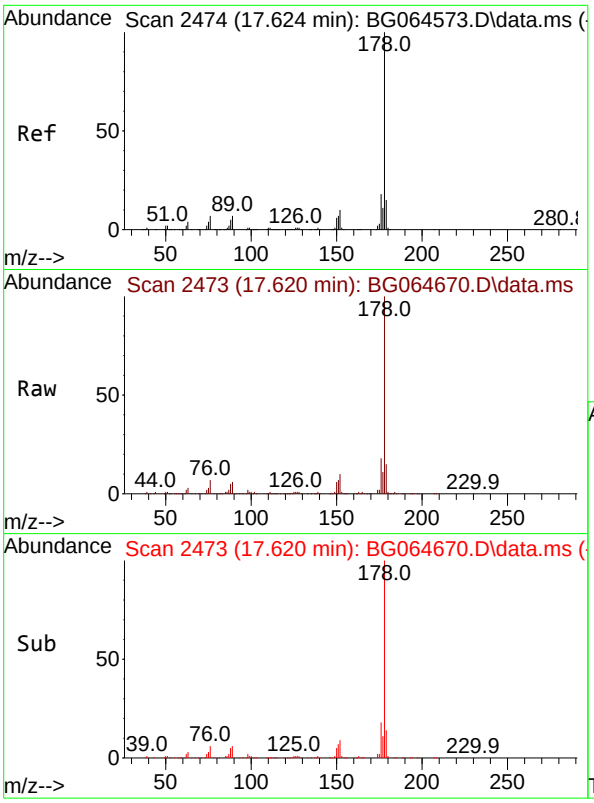


#65
4,6-Dinitro-2-methylphenol
Concen: 5.469 ng
RT: 16.345 min Scan# 2256
Delta R.T. 0.398 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:198 Resp: 56

Ion	Ratio	Lower	Upper
198	100		
51	113.3	24.7	64.7#
105	0.0	18.0	58.0#



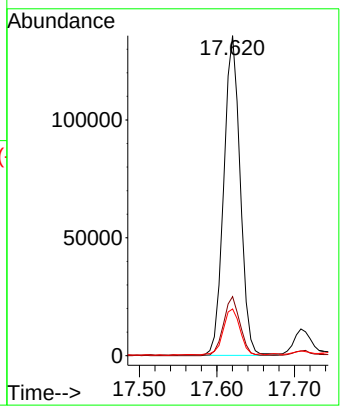


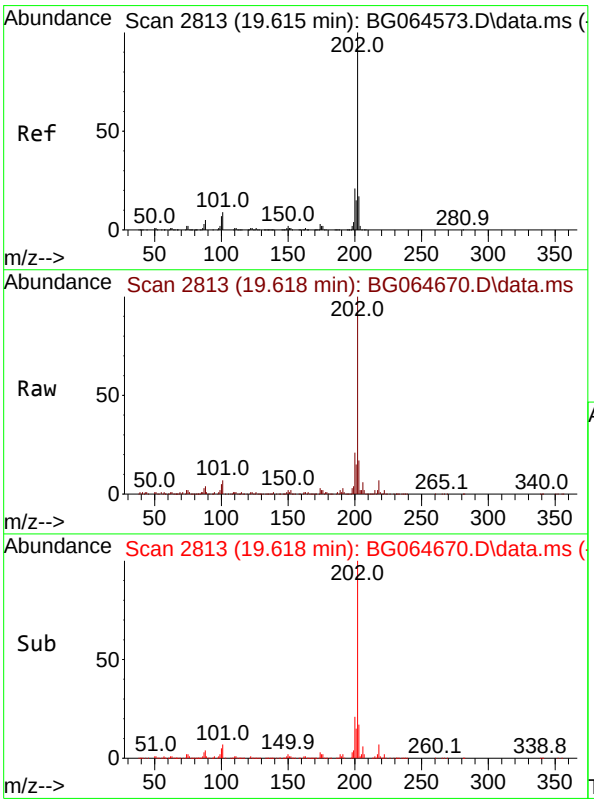
#71
Phenanthrene
Concen: 13.713 ng
RT: 17.620 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 199665

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	14.6	12.2	18.4

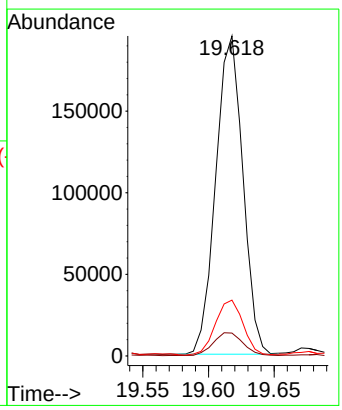


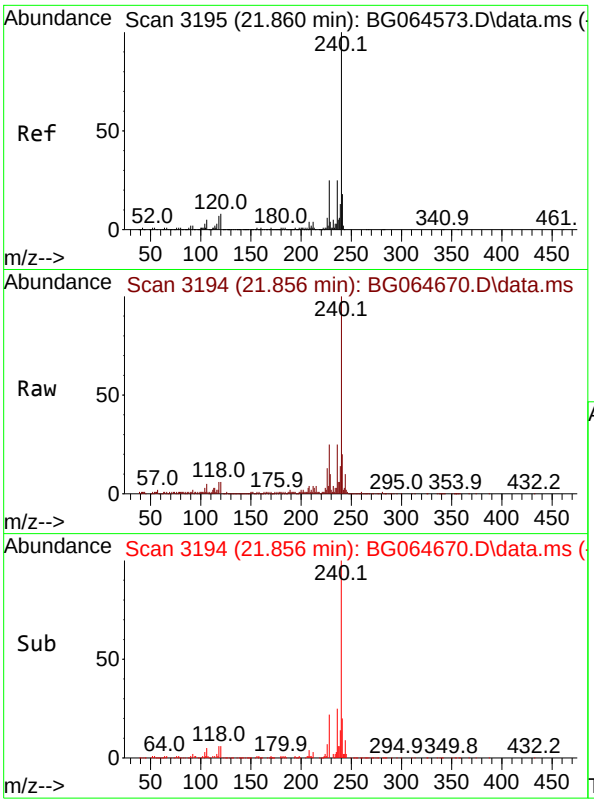


#75
Fluoranthene
Concen: 15.329 ng
RT: 19.618 min Scan# 2813
Delta R.T. -0.001 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:202 Resp: 279613

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.7
203	17.5	0.0	37.0



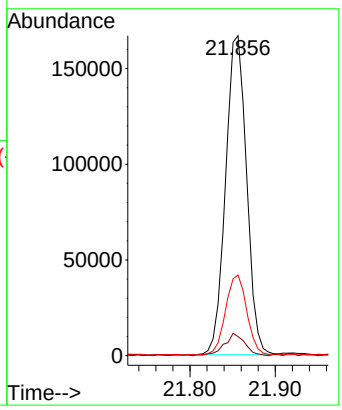


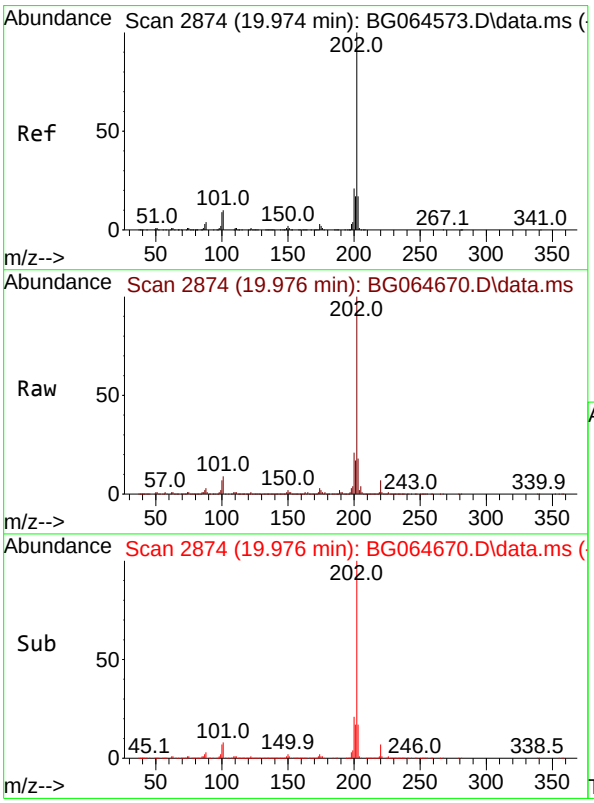
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 285356

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.5	9.7#
236	25.2	20.2	30.2

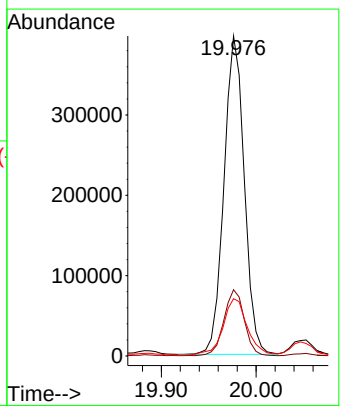


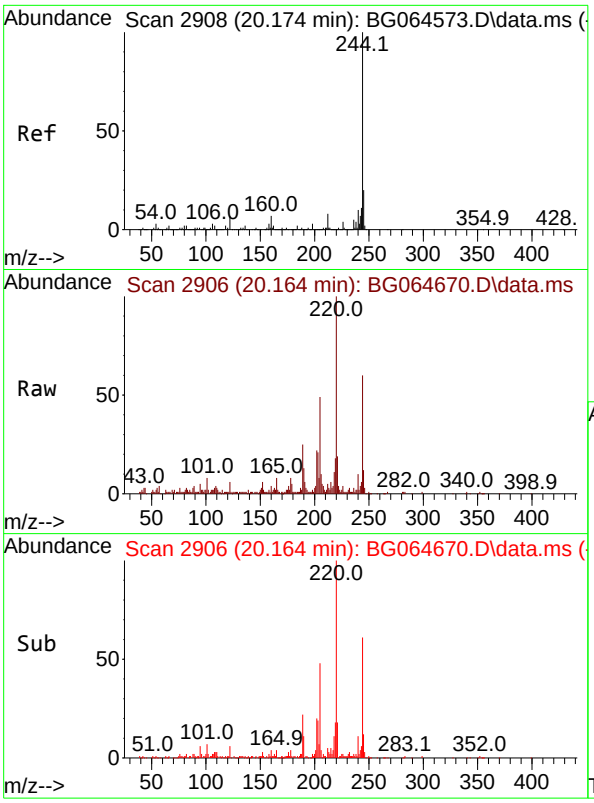


#78
Pyrene
Concen: 31.666 ng
RT: 19.976 min Scan# 2874
Delta R.T. -0.001 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:202 Resp: 590366

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.9	13.8	20.6



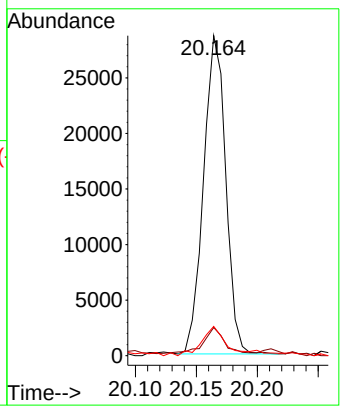


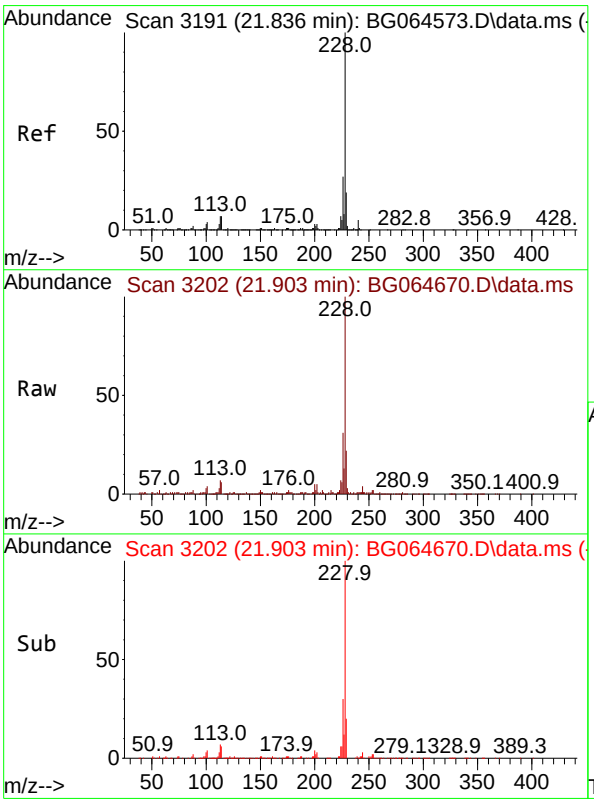
#79
Terphenyl-d14
Concen: 2.399 ng
RT: 20.164 min Scan# 2
Delta R.T. -0.013 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 36277

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.1	9.1
122	9.2	5.6	8.4#

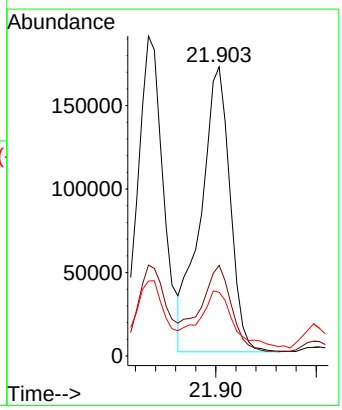


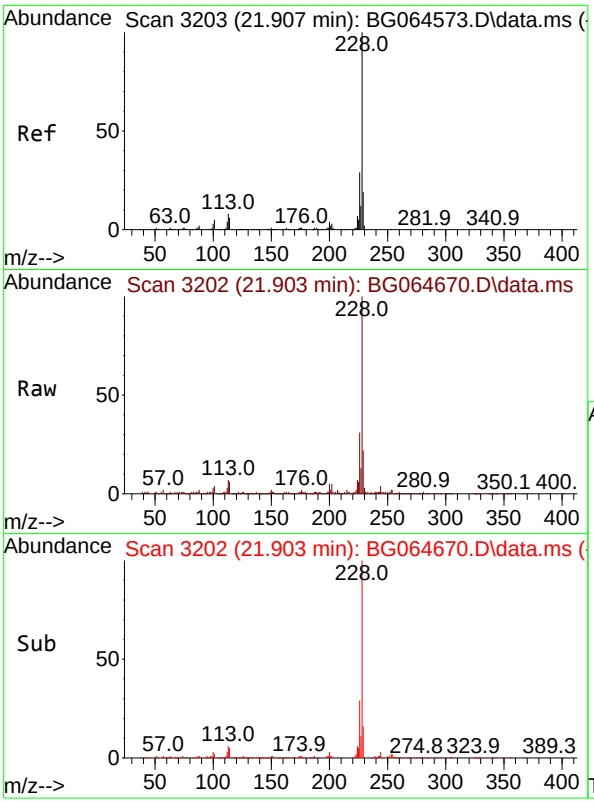


#81
Benzo(a)anthracene
Concen: 18.387 ng
RT: 21.903 min Scan# 3202
Delta R.T. 0.064 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:228 Resp: 347902

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.9	32.9
229	22.0	15.6	23.4



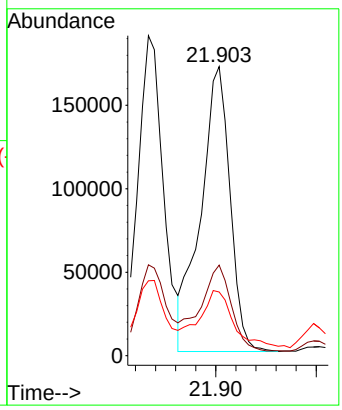


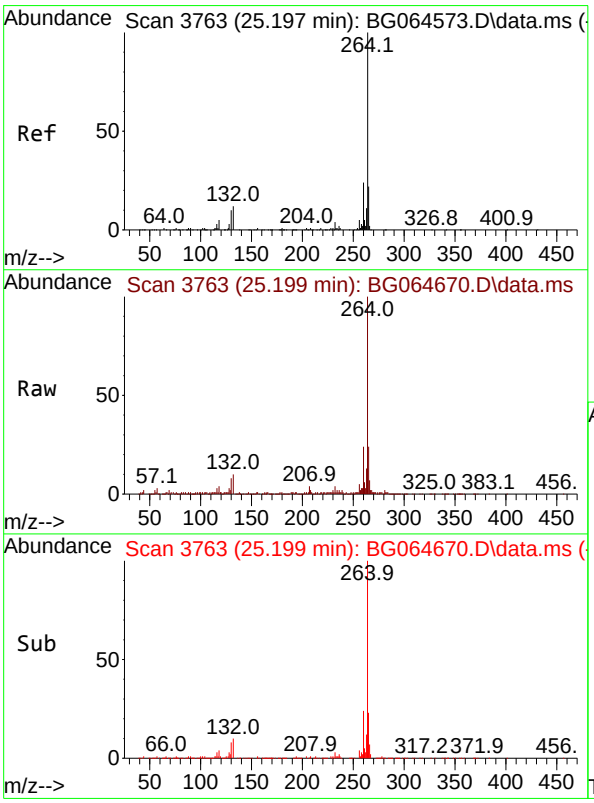
#83
Chrysene
Concen: 19.324 ng
RT: 21.903 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 347902

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.3	34.9
229	22.0	15.2	22.8

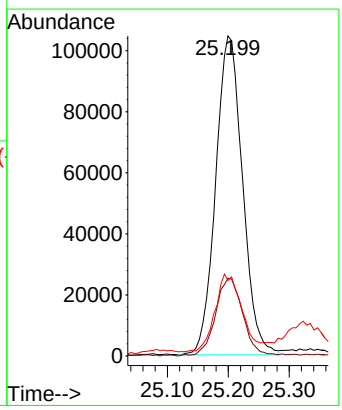


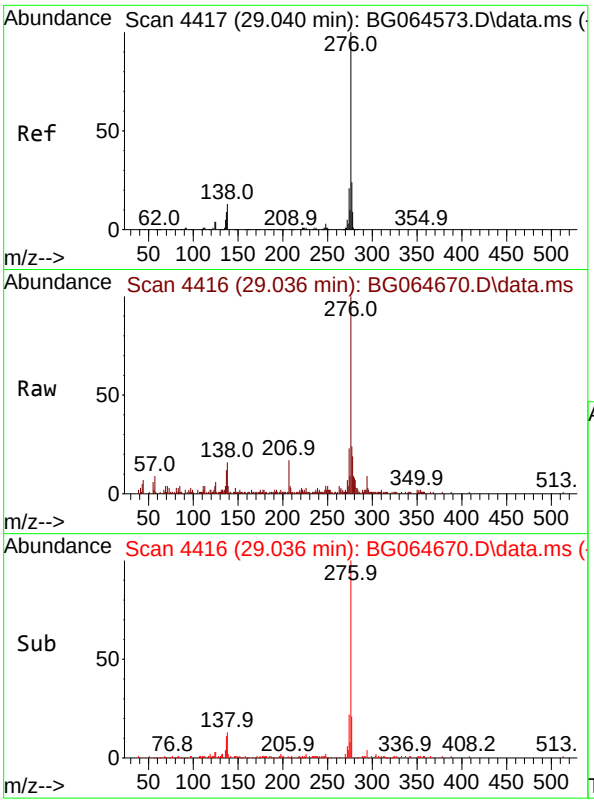


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.199 min Scan# 3763
Delta R.T. -0.001 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:264 Resp: 320271

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	23.6	17.6	26.4



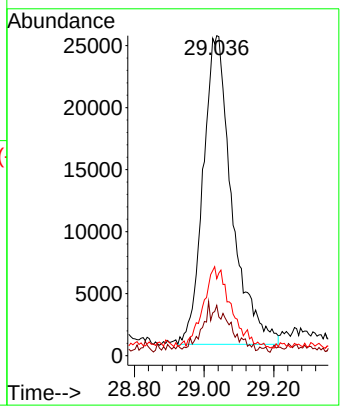


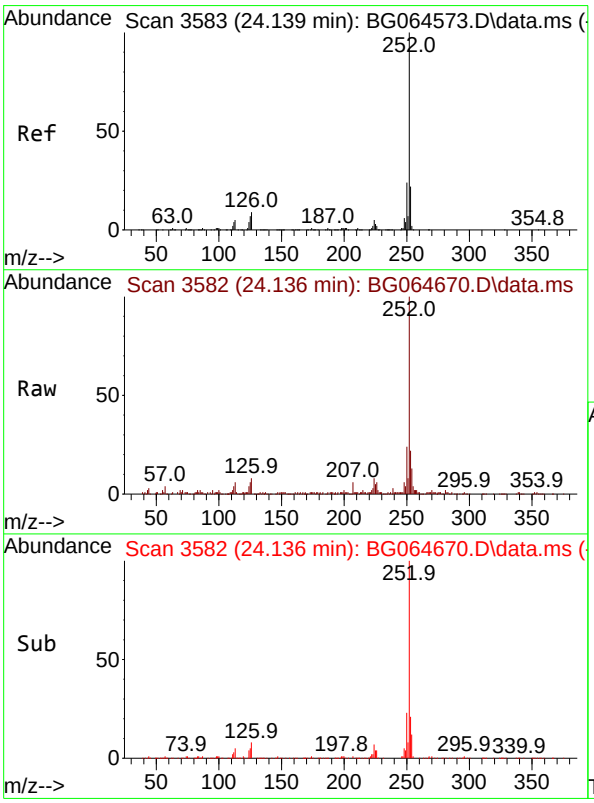
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.066 ng
RT: 29.036 min Scan# 44
Delta R.T. -0.025 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 142913

Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.8	16.2#
277	24.2	20.1	30.1

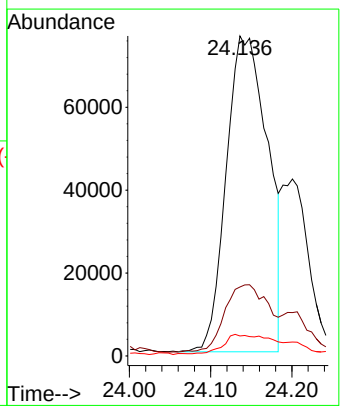


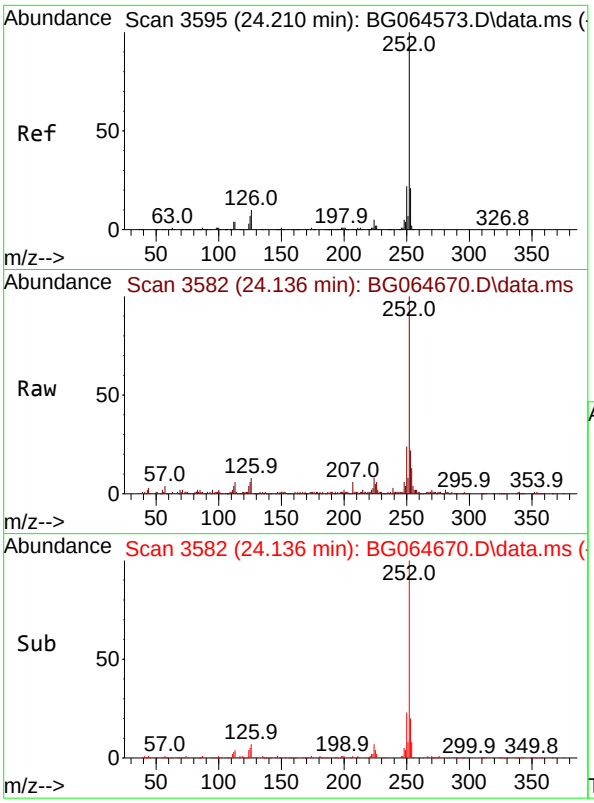


#88
Benzo(b)fluoranthene
Concen: 13.776 ng
RT: 24.136 min Scan# 3582
Delta R.T. -0.007 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:252 Resp: 270543

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	6.3	5.6	8.4



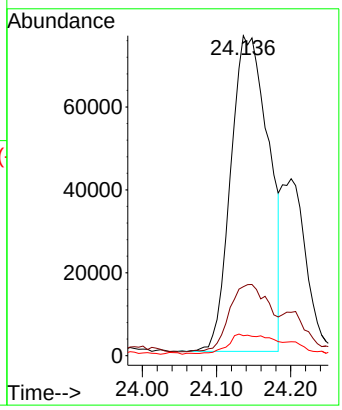


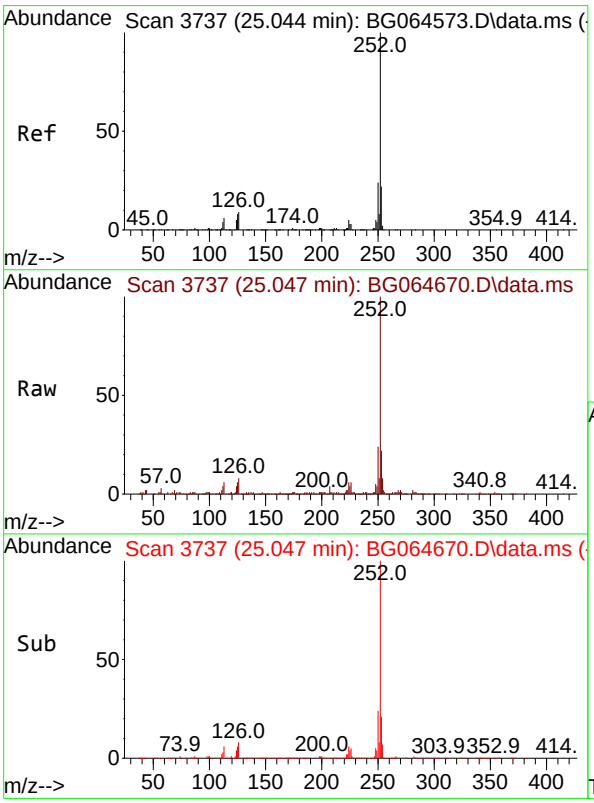
#89
Benzo(k)fluoranthene
Concen: 13.756 ng
RT: 24.136 min Scan# 3
Delta R.T. -0.083 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 270343

Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.8	25.2
125	6.3	5.4	8.0

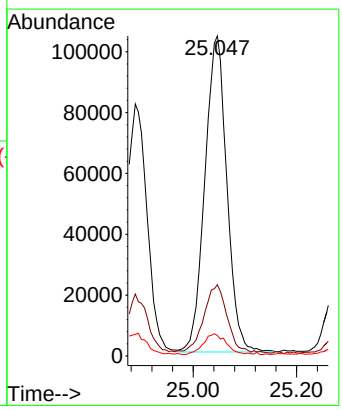


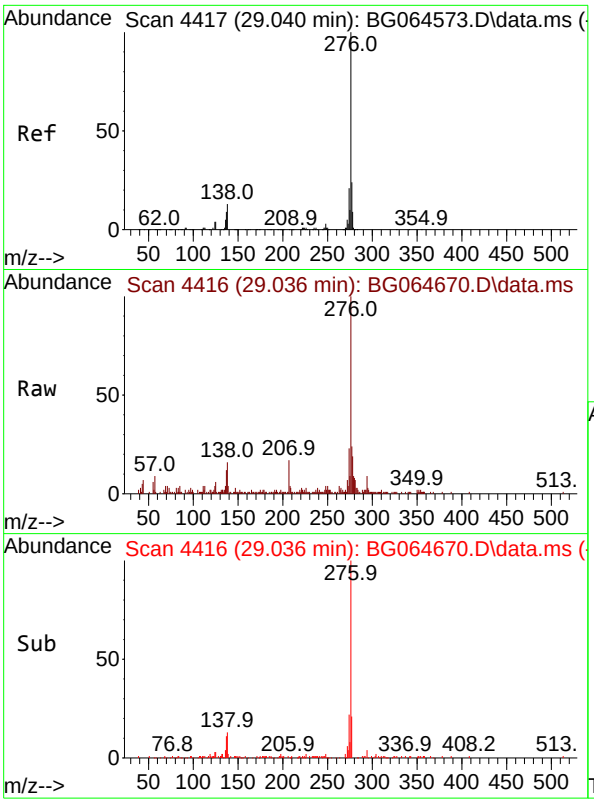


#90
Benzo(a)pyrene
Concen: 16.997 ng
RT: 25.047 min Scan# 3737
Delta R.T. -0.013 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Tgt Ion:252 Resp: 306845

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	6.4	6.1	9.1





#92
Benzo(g,h,i)perylene
Concen: 6.066 ng
RT: 29.036 min Scan# 44
Delta R.T. -0.025 min
Lab File: BG064670.D
Acq: 1 Nov 2025 00:27

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 142913

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	15.7	10.7	16.1