Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064665.D
Acq On : 31 Oct 2025 21:00
Operator : RC/JU
Sample : Q3486-07 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 31 23:29:34 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	39926	20.000	ng		0.00
21) Naphthalene-d8	11.045	136	164318	20.000	ng		0.00
39) Acenaphthene-d10	14.841	164	126018	20.000	ng		0.00
64) Phenanthrene-d10	17.579	188	263616	20.000	ng		0.00
76) Chrysene-d12	21.862	240	269899	20.000	ng		0.00
86) Perylene-d12	25.211	264	309892	20.000	ng		# 0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.751	112	18378	7.726	ng		0.00
7) Phenol-d6	7.349	99	26357	8.075	ng		0.00
23) Nitrobenzene-d5	9.376	82	16181	5.915	ng		-0.01
42) 2,4,6-Tribromophenol	16.321	330	15170	8.341	ng		0.00
45) 2-Fluorobiphenyl	13.472	172	42415	5.102	ng		0.00
79) Terphenyl-d14	20.170	244	66324	4.637	ng		0.00
Target Compounds							Qvalue
48) 2-Nitroaniline	13.912	65	63	3.251	ng	#	10
49) Acenaphthylene	14.570	152	57404	5.382	ng		97
51) 2,6-Dinitrotoluene	14.841	165	18154	13.844	ng	#	19
57) 2,4-Dinitrotoluene	15.187	165	569	3.267	ng	#	38
58) Fluorene	15.881	166	24577	2.671	ng		98
65) 4,6-Dinitro-2-methylph...	16.374	198	68	5.479	ng	#	1
71) Phenanthrene	17.620	178	382394	26.525	ng		99
72) Anthracene	17.620	178	382394	26.076	ng		99
75) Fluoranthene	19.617	202	514759	28.503	ng		98
78) Pyrene	19.982	202	1067598	60.543	ng		97
81) Benzo(a)anthracene	21.909	228	652325	36.451	ng		94
83) Chrysene	21.909	228	652325	38.309	ng		96
87) Indeno(1,2,3-cd)pyrene	29.042	276	290982	12.764	ng		98
88) Benzo(b)fluoranthene	24.153	252	518326	27.277	ng		99
89) Benzo(k)fluoranthene	24.153	252	518326	27.258	ng		97
90) Benzo(a)pyrene	25.052	252	578576	33.123	ng		100
91) Dibenzo(a,h)anthracene	29.100	278	100845	5.445	ng	#	82
92) Benzo(g,h,i)perylene	29.042	276	290982	12.764	ng		96

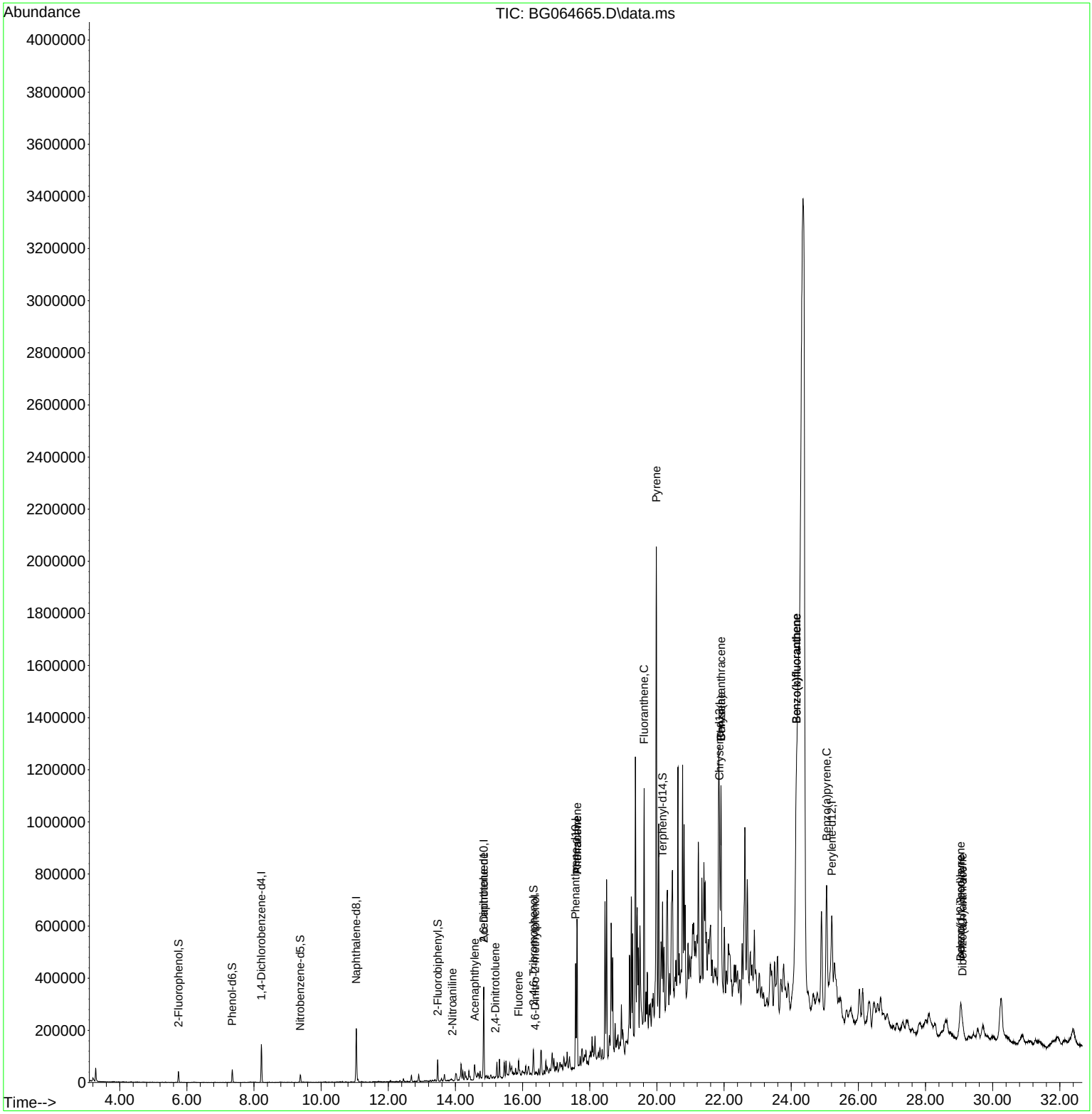
(#) = qualifier out of range (m) = manual integration (+) = signals summed

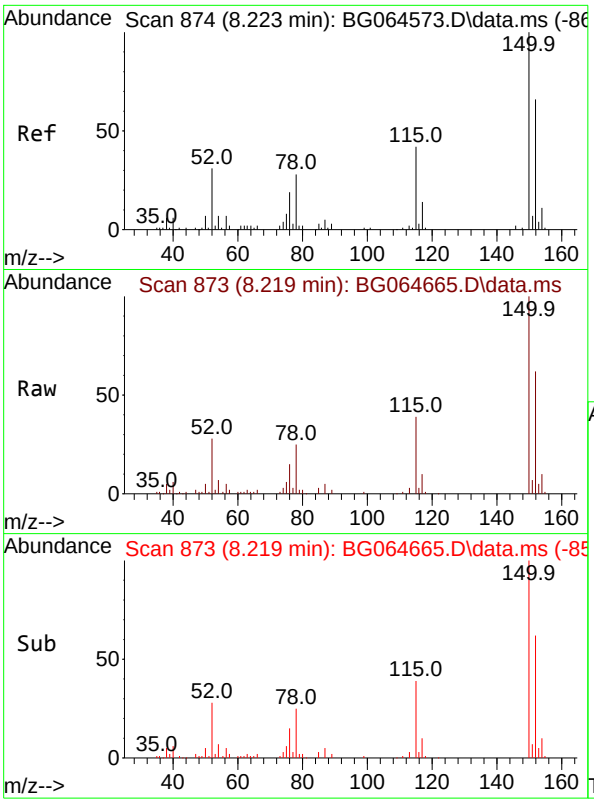
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064665.D
Acq On : 31 Oct 2025 21:00
Operator : RC/JU
Sample : Q3486-07 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 31 23:29:34 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



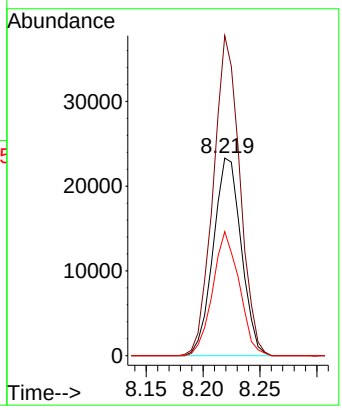


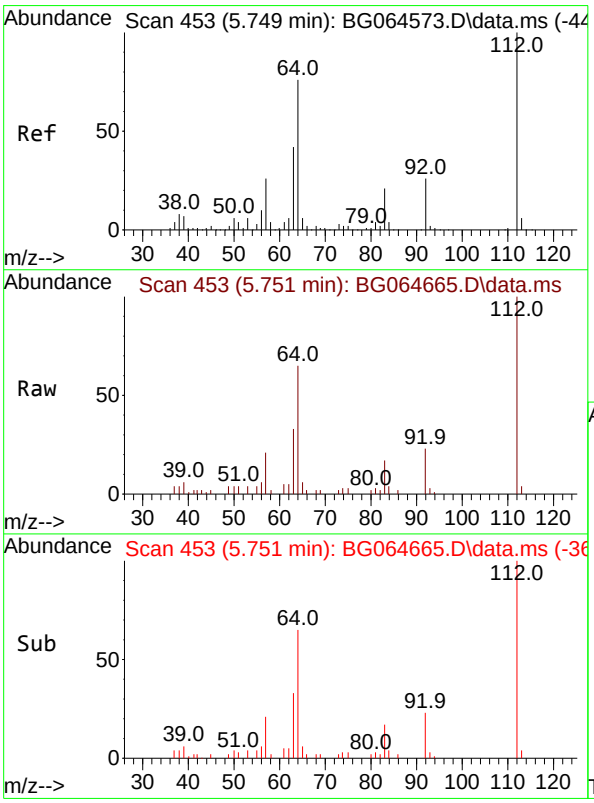
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 39926

Ion	Ratio	Lower	Upper
152	100		
150	161.9	122.2	183.4
115	62.8	50.8	76.2

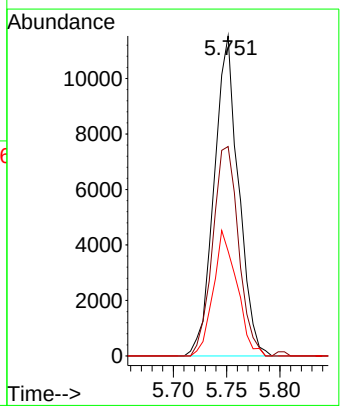


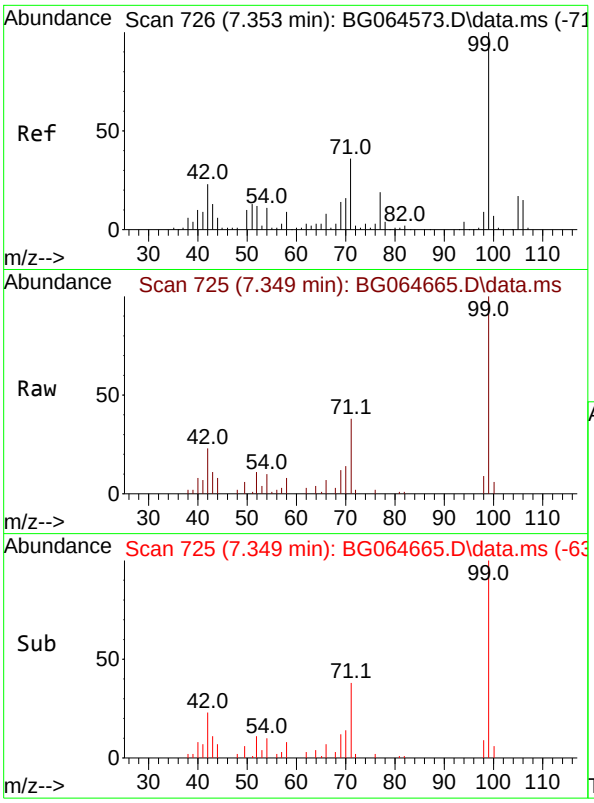


#5
2-Fluorophenol
Concen: 7.726 ng
RT: 5.751 min Scan# 453
Delta R.T. 0.004 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:112 Resp: 18378

Ion	Ratio	Lower	Upper
112	100		
64	65.4	60.7	91.1
63	32.7	33.4	50.0#



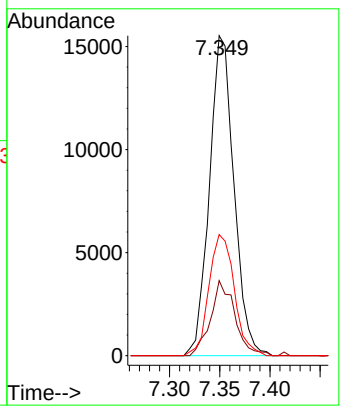


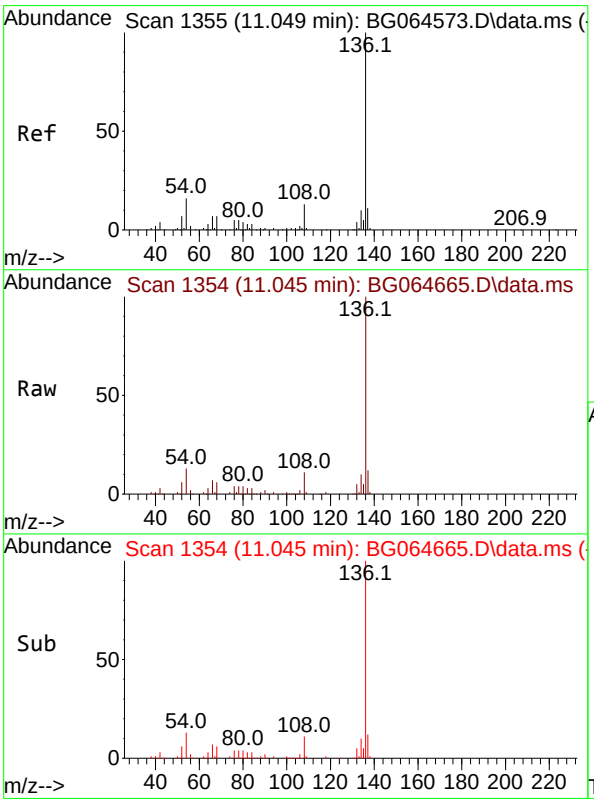
#7
Phenol-d6
Concen: 8.075 ng
RT: 7.349 min Scan# 7
Delta R.T. -0.007 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 26357

Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.3	27.5
71	37.9	28.6	43.0

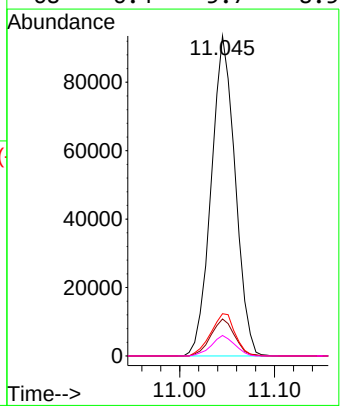


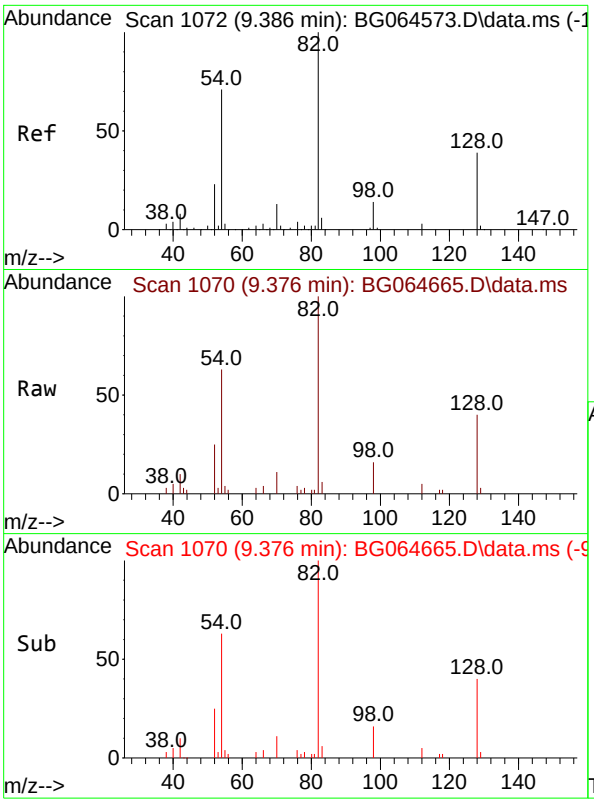


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.045 min Scan# 1354
Delta R.T. -0.007 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:136 Resp: 164318

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	13.2	12.6	19.0
68	6.4	5.7	8.5



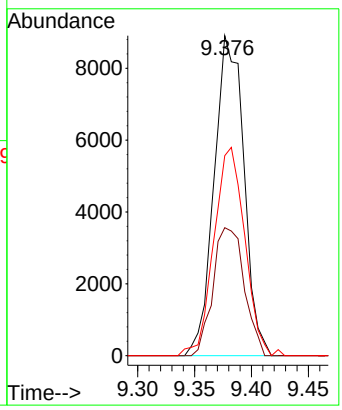


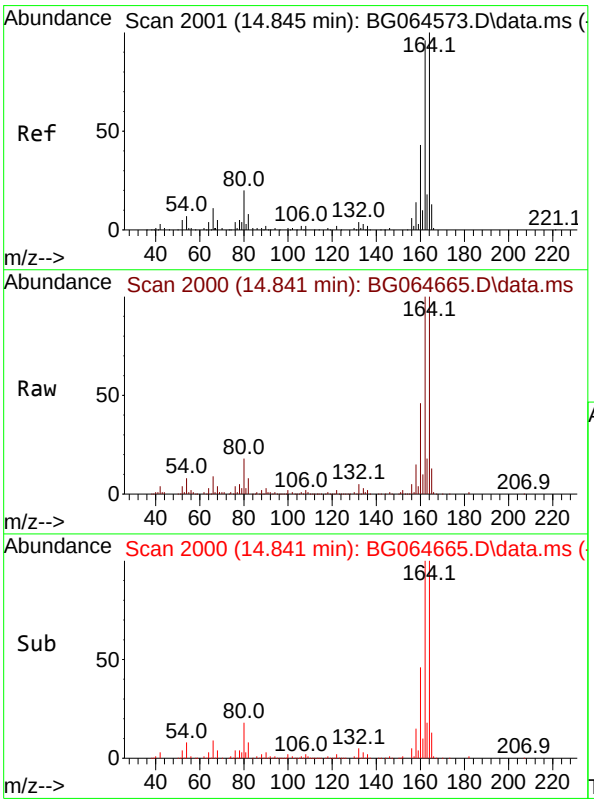
#23
Nitrobenzene-d5
Concen: 5.915 ng
RT: 9.376 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 16181

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.3	46.9
54	62.5	56.6	84.8

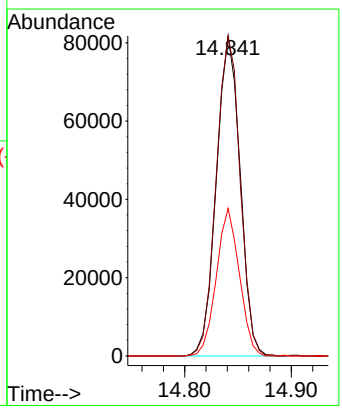


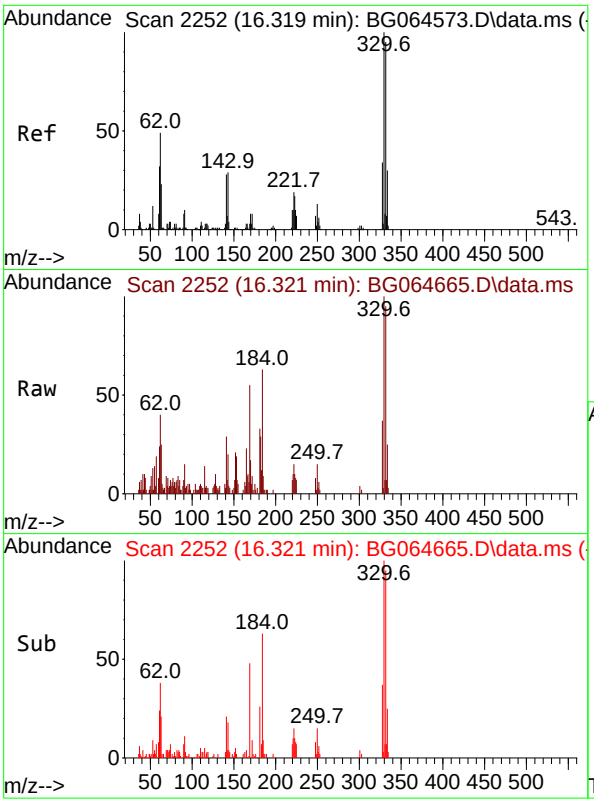


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:164 Resp: 126018

Ion	Ratio	Lower	Upper
164	100		
162	100.2	77.0	115.6
160	46.2	34.4	51.6



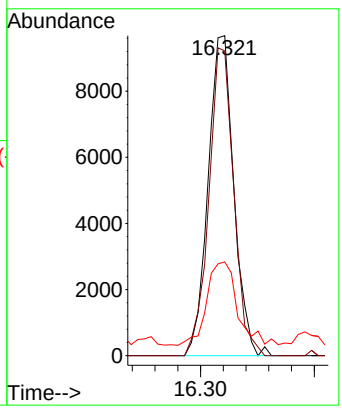


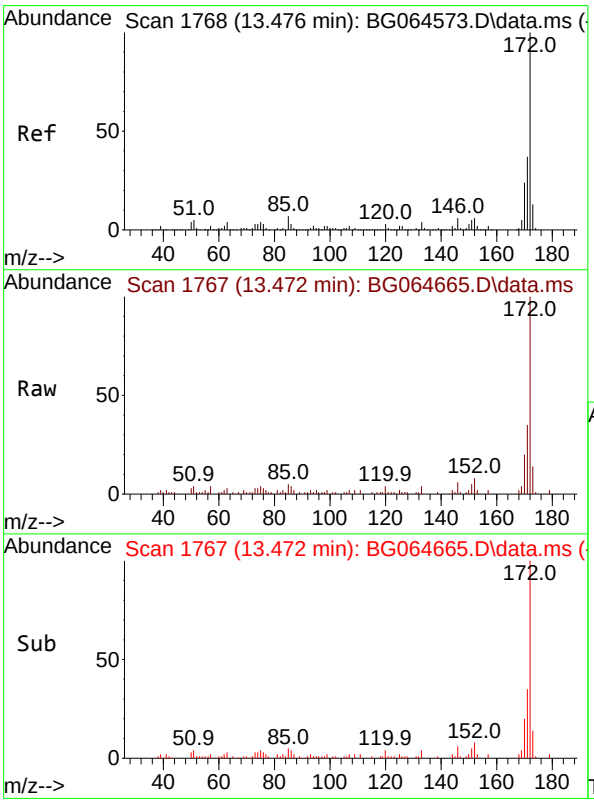
#42
2,4,6-Tribromophenol
Concen: 8.341 ng
RT: 16.321 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 15170

Ion	Ratio	Lower	Upper
330	100		
332	93.4	78.0	117.0
141	34.2	21.8	32.6#

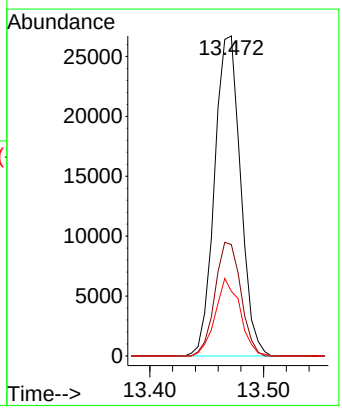


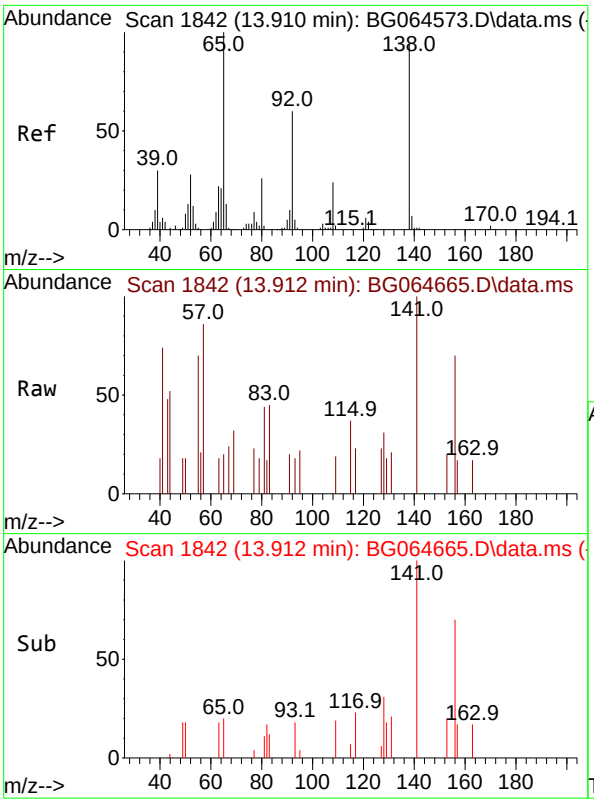


#45
2-Fluorobiphenyl
Concen: 5.102 ng
RT: 13.472 min Scan# 1767
Delta R.T. -0.007 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:172 Resp: 42415

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	20.2	19.1	28.7



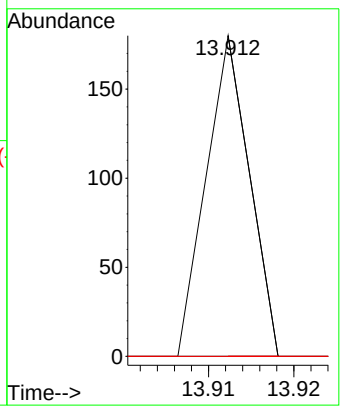


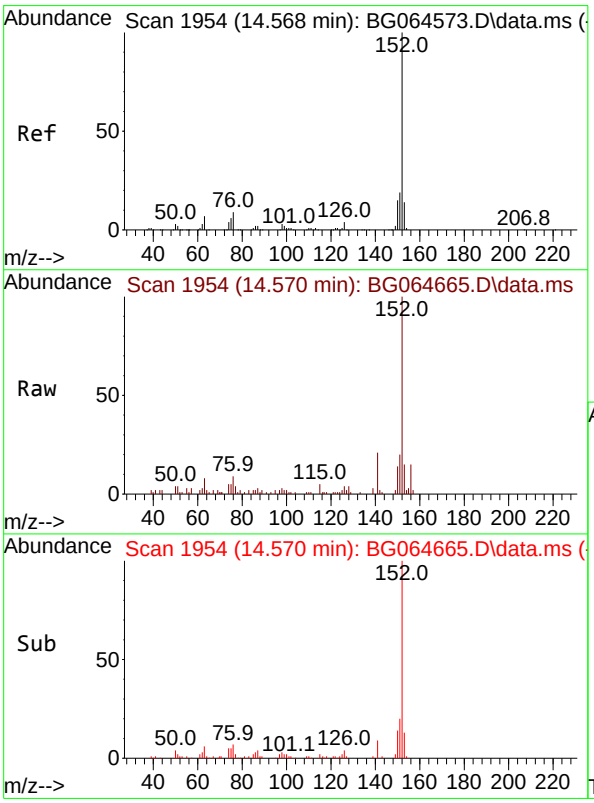
#48
2-Nitroaniline
Concen: 3.251 ng
RT: 13.912 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

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#

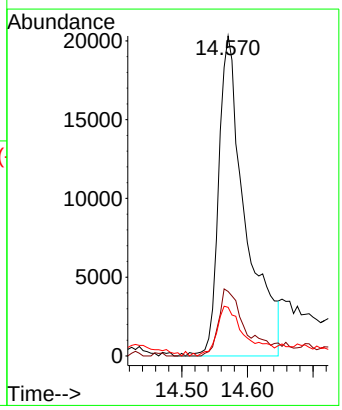


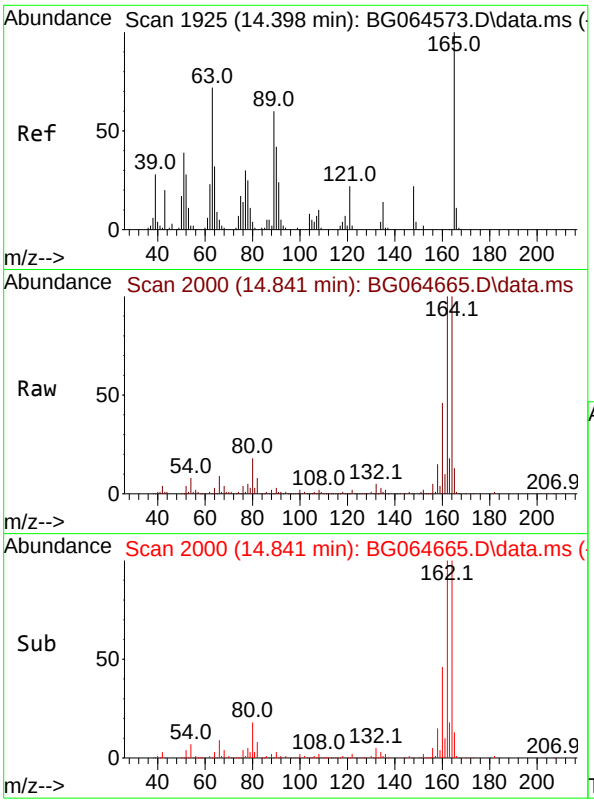


#49
Acenaphthylene
Concen: 5.382 ng
RT: 14.570 min Scan# 1954
Delta R.T. 0.004 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:152 Resp: 57404

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.2
153	15.2	11.0	16.4



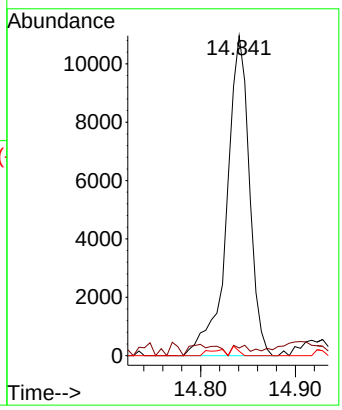


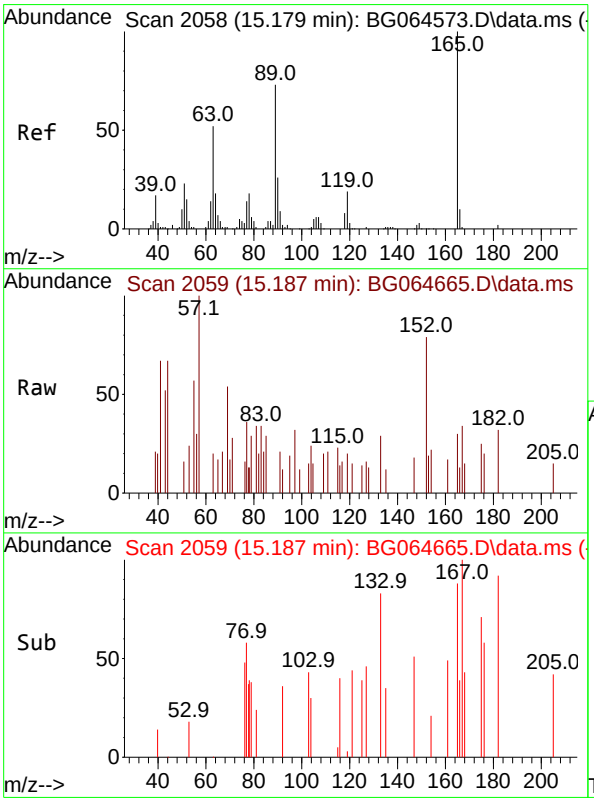
#51
2,6-Dinitrotoluene
Concen: 13.844 ng
RT: 14.841 min Scan# 2
Delta R.T. 0.439 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18154

Ion	Ratio	Lower	Upper
165	100		
63	2.4	57.4	86.0#
89	1.4	47.8	71.8#

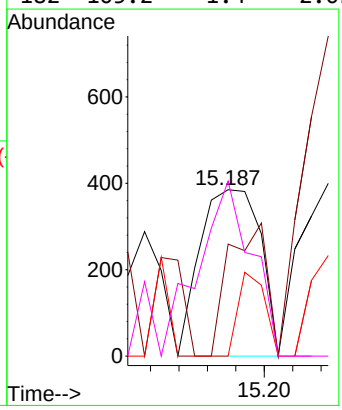


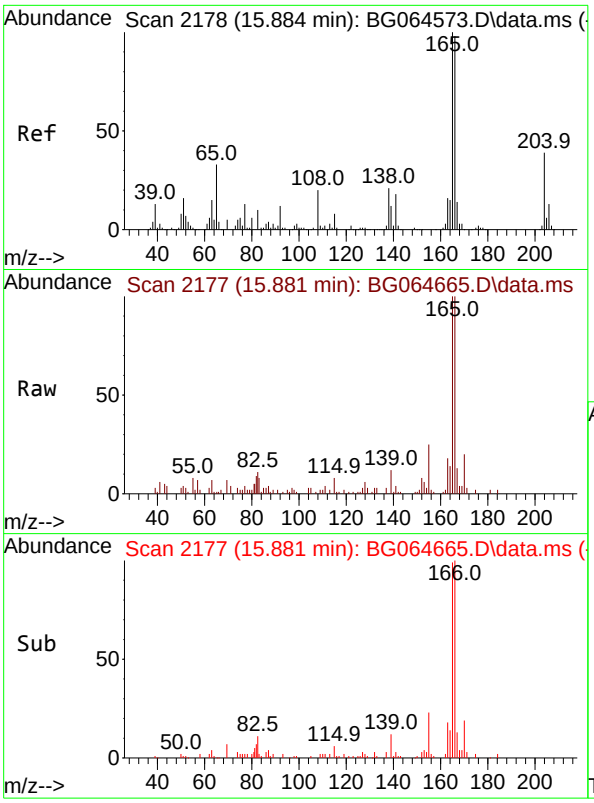


#57
2,4-Dinitrotoluene
Concen: 3.267 ng
RT: 15.187 min Scan# 2059
Delta R.T. -0.002 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:165 Resp: 569

Ion	Ratio	Lower	Upper
165	100		
63	67.3	41.8	62.8#
89	0.0	58.1	87.1#
182	105.2	1.4	2.0#



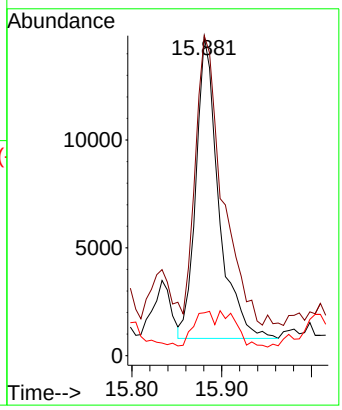


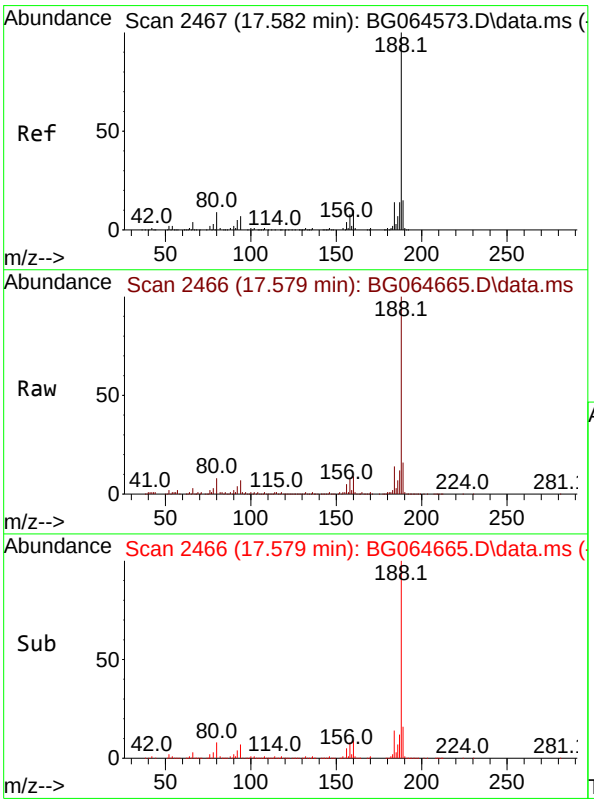
#58
Fluorene
Concen: 2.671 ng
RT: 15.881 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 24577

Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.5	122.3
167	13.4	11.4	17.0

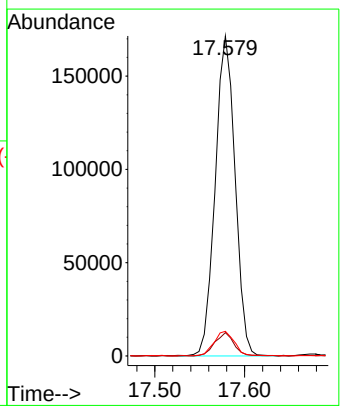


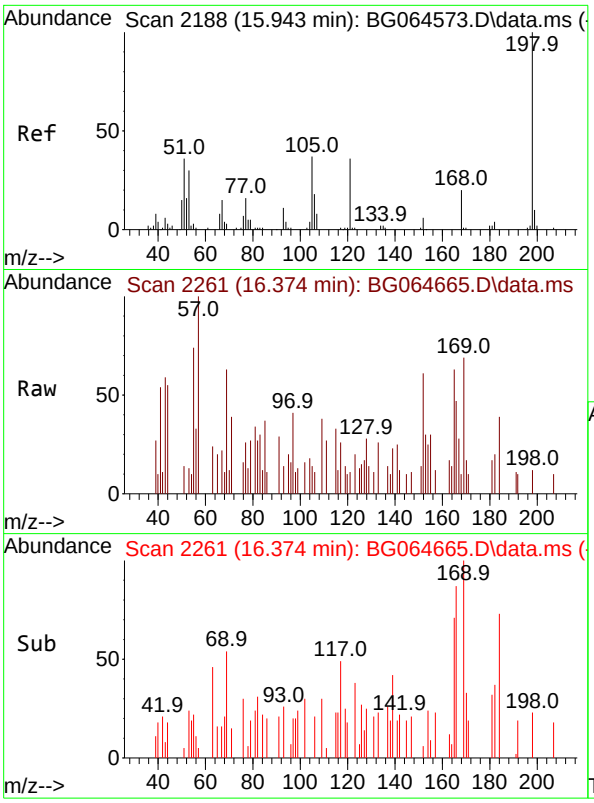


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2466
Delta R.T. -0.001 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:188 Resp: 263616

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	7.7	6.8	10.2



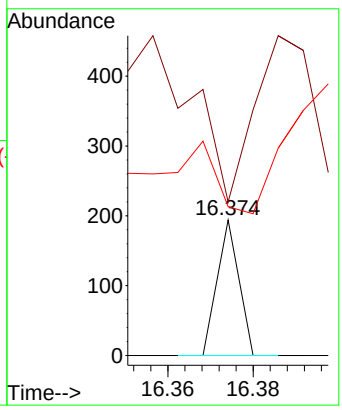


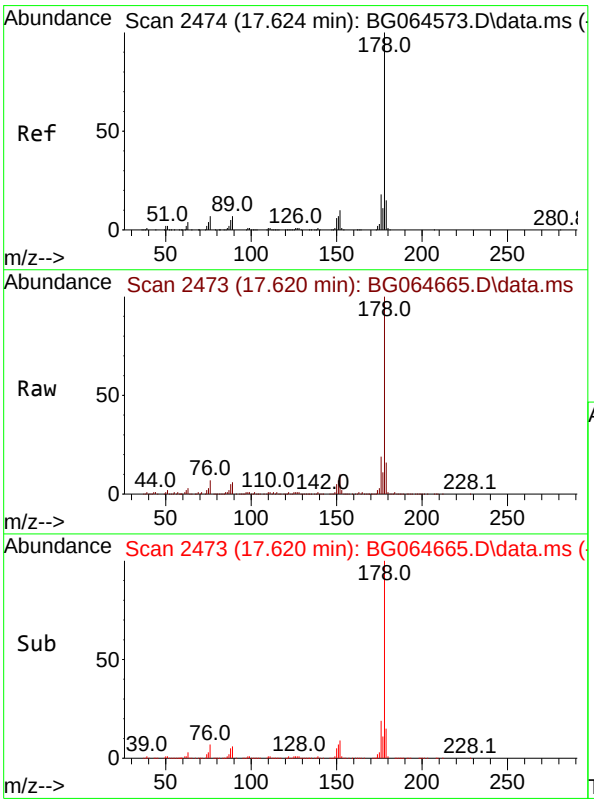
#65
4,6-Dinitro-2-methylphenol
Concen: 5.479 ng
RT: 16.374 min Scan# 2
Delta R.T. 0.427 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 68

Ion	Ratio	Lower	Upper
198	100		
51	113.4	24.7	64.7#
105	109.8	18.0	58.0#

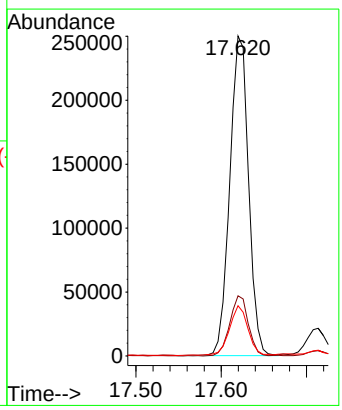


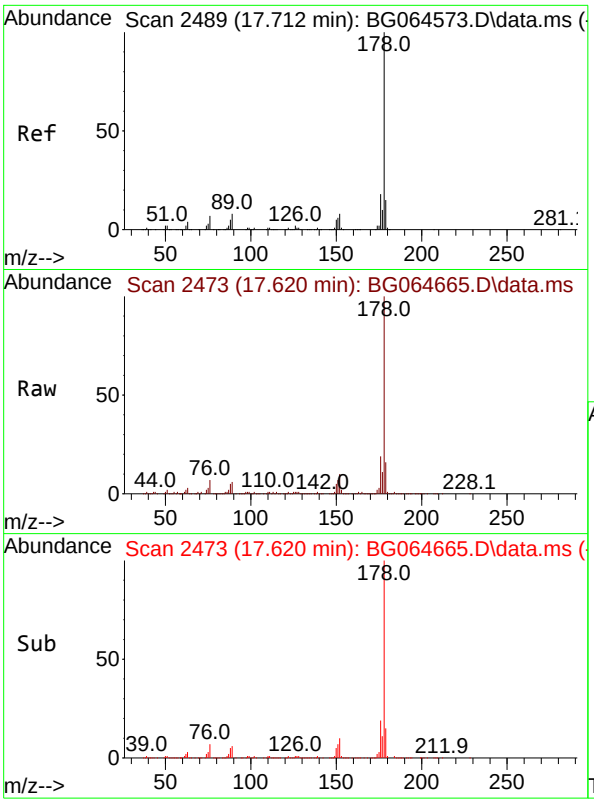


#71
Phenanthrene
Concen: 26.525 ng
RT: 17.620 min Scan# 2473
Delta R.T. -0.007 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:178 Resp: 382394

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.7	12.2	18.4



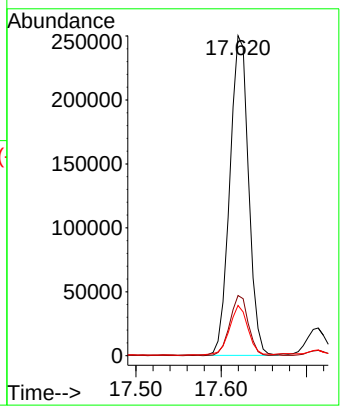


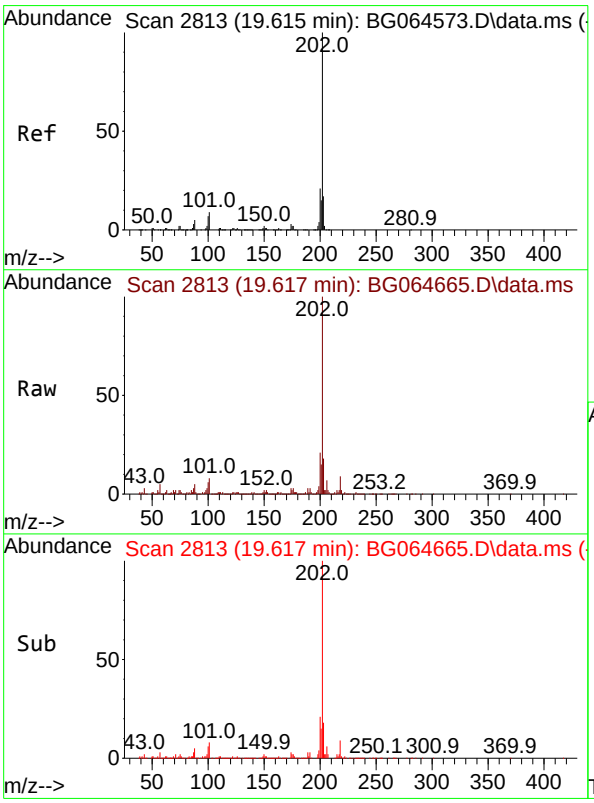
#72
Anthracene
Concen: 26.076 ng
RT: 17.620 min Scan# 24
Delta R.T. -0.096 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 382394

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.4	21.6
179	15.7	12.4	18.6

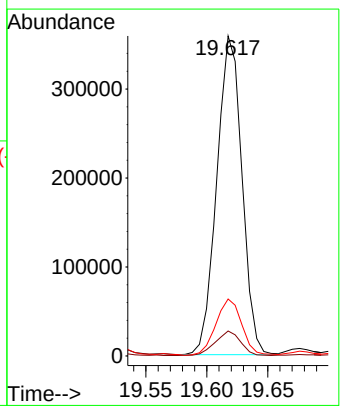


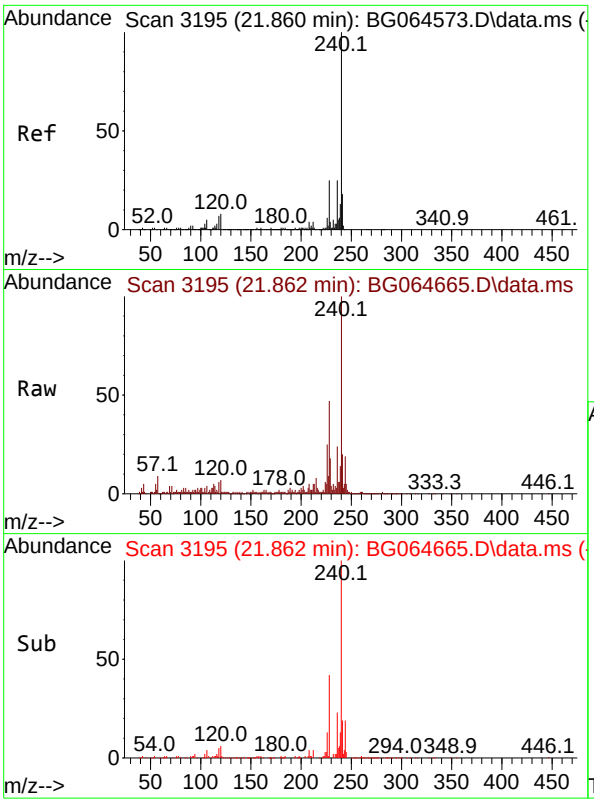


#75
Fluoranthene
Concen: 28.503 ng
RT: 19.617 min Scan# 2813
Delta R.T. -0.002 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:202 Resp: 514759

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.7
203	17.8	0.0	37.0



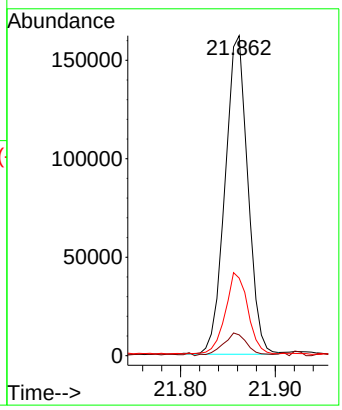


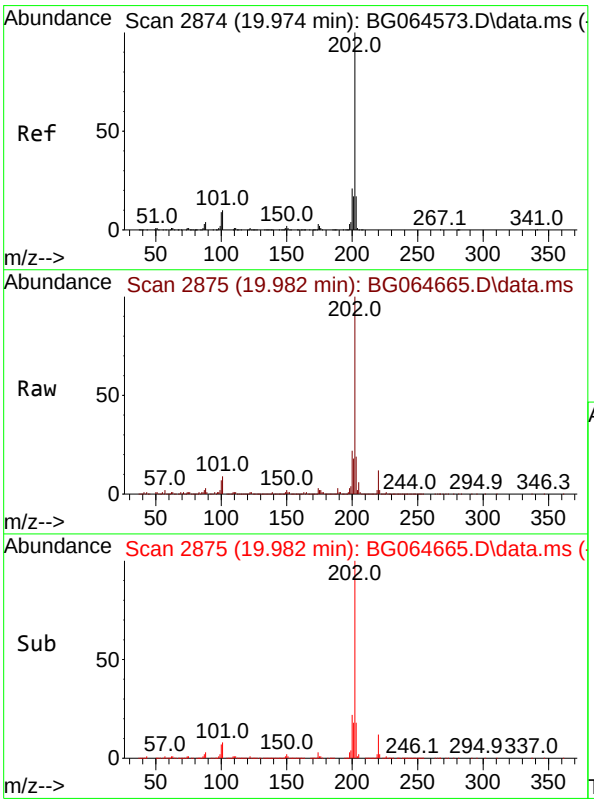
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.862 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 269899

Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.5	9.7
236	24.2	20.2	30.2

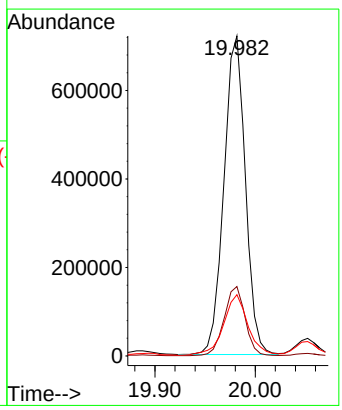


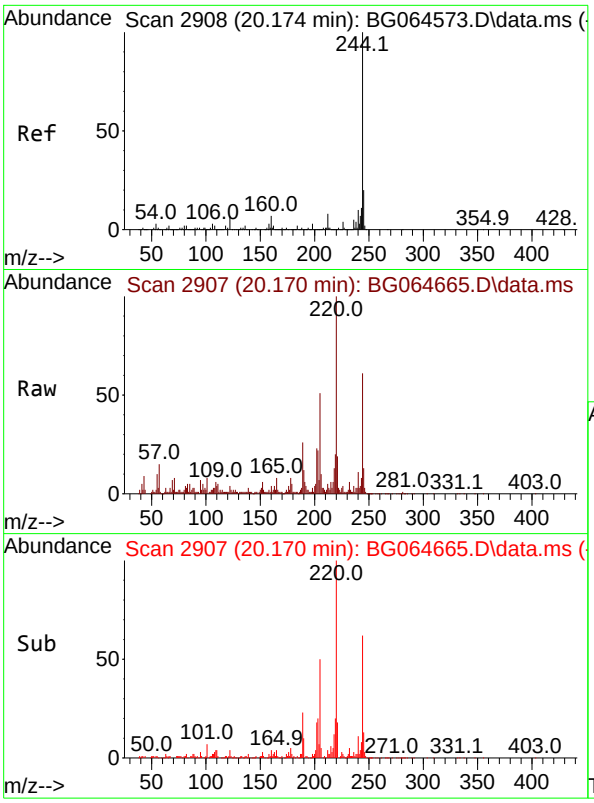


#78
Pyrene
Concen: 60.543 ng
RT: 19.982 min Scan# 2875
Delta R.T. 0.004 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:202 Resp: 1067598

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	19.1	13.8	20.6



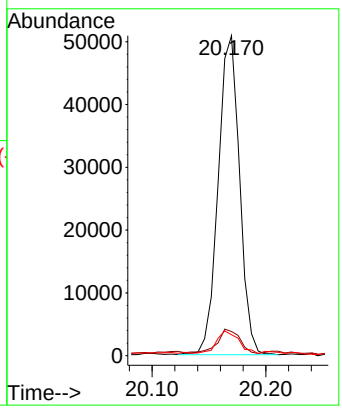


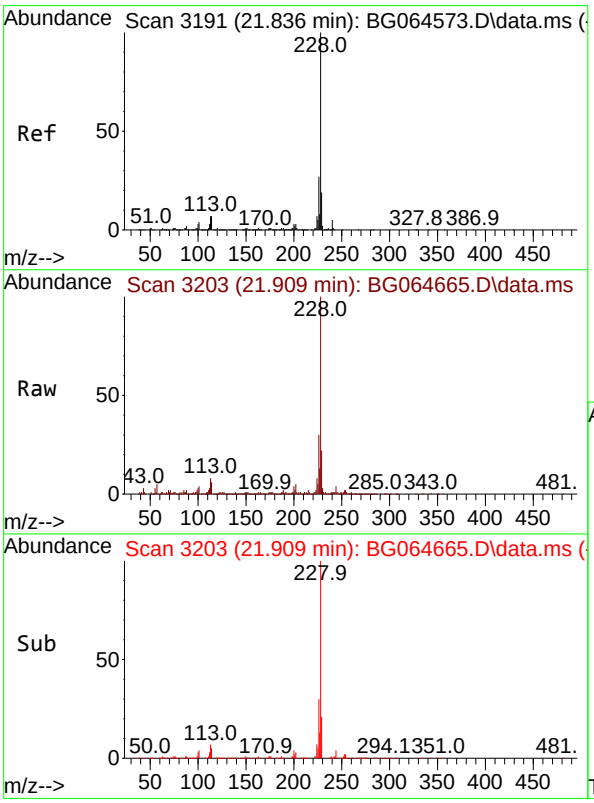
#79
Terphenyl-d14
Concen: 4.637 ng
RT: 20.170 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 66324

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.5	5.6	8.4

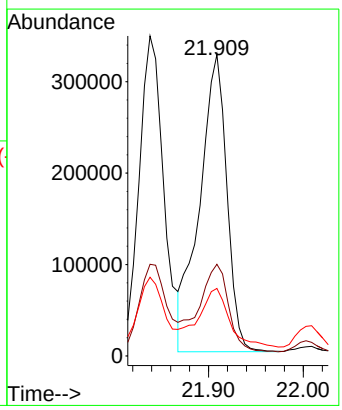


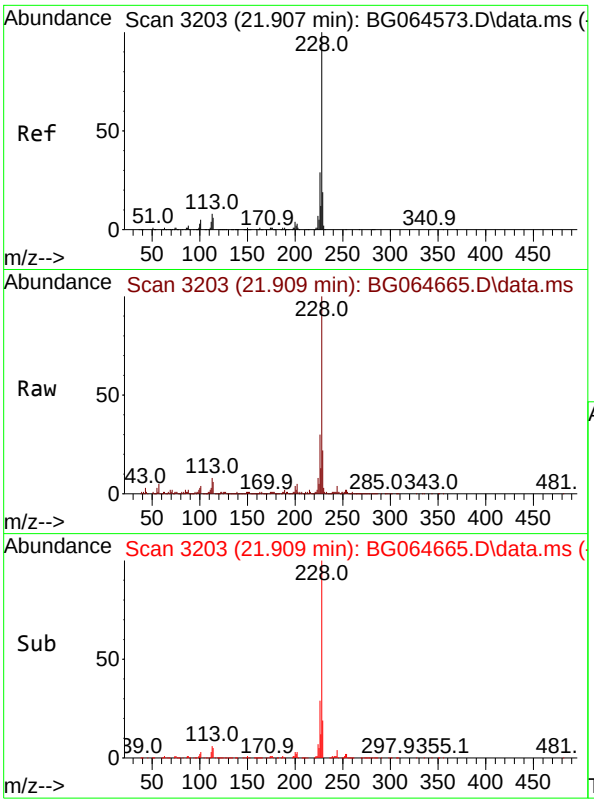


#81
Benzo(a)anthracene
Concen: 36.451 ng
RT: 21.909 min Scan# 3203
Delta R.T. 0.069 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:228 Resp: 652325

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.9	32.9
229	22.4	15.6	23.4



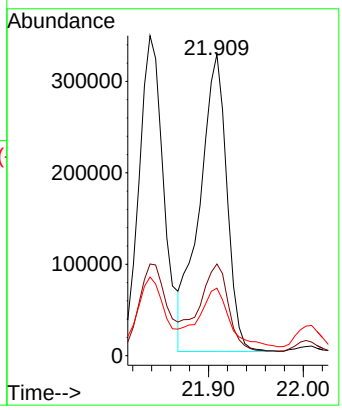


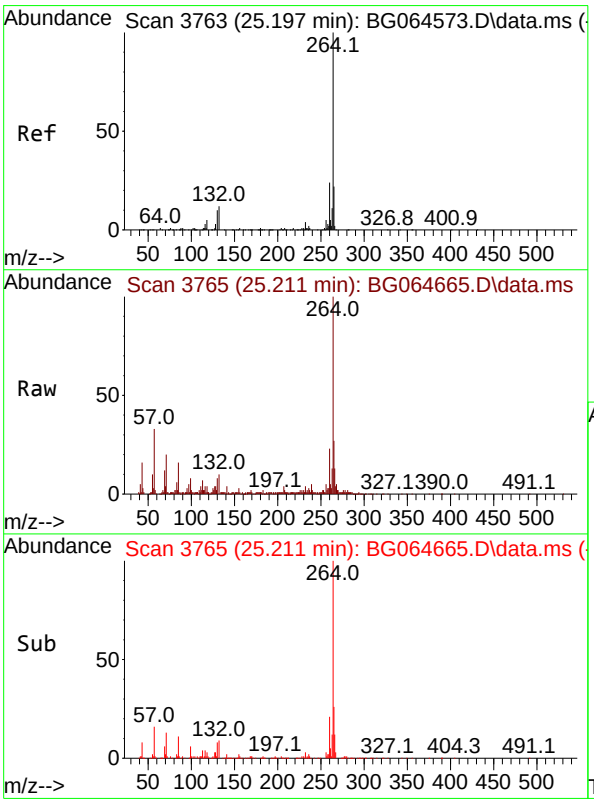
#83
Chrysene
Concen: 38.309 ng
RT: 21.909 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 652325

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.3	34.9
229	22.4	15.2	22.8

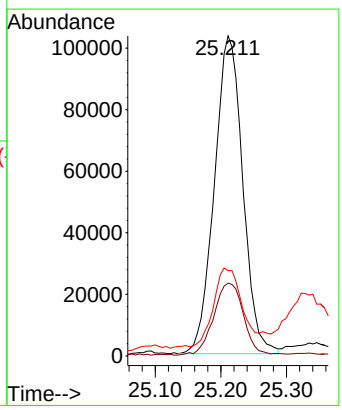


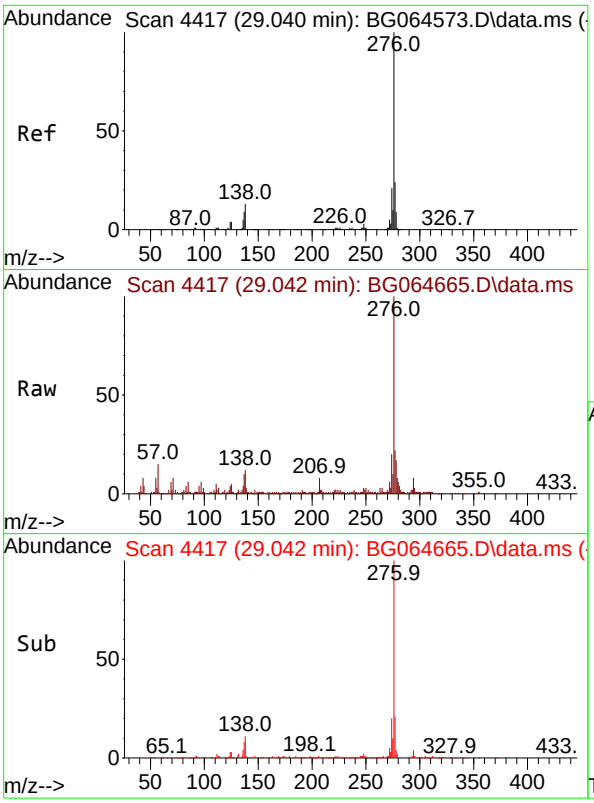


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.211 min Scan# 3765
Delta R.T. 0.010 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:264 Resp: 309892

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	26.7	17.6	26.4#



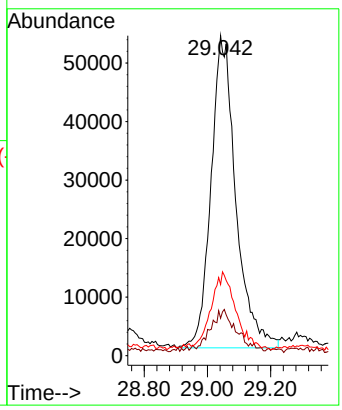


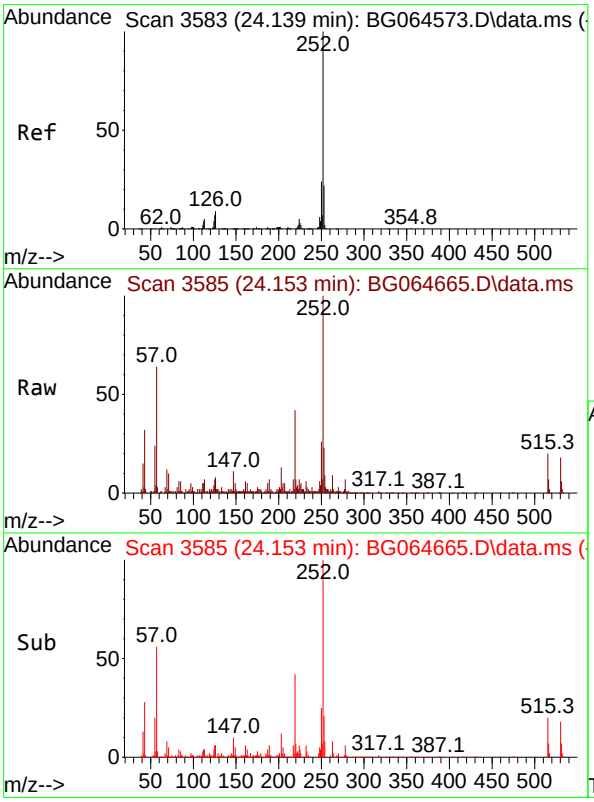
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.764 ng
RT: 29.042 min Scan# 44
Delta R.T. -0.019 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 290982

Ion	Ratio	Lower	Upper
276	100		
138	11.3	10.8	16.2
277	24.8	20.1	30.1

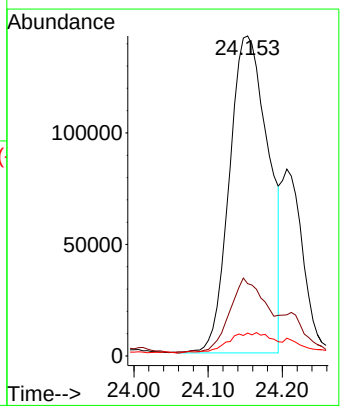


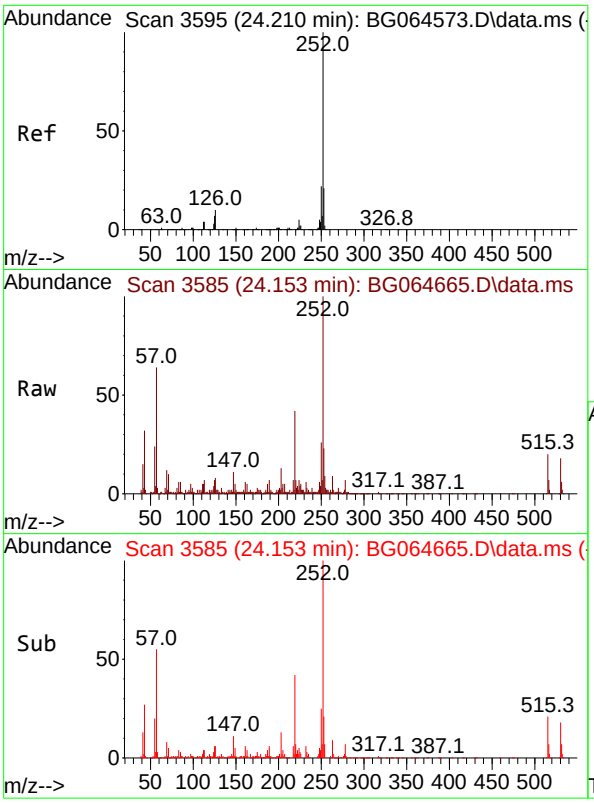


#88
Benzo(b)fluoranthene
Concen: 27.277 ng
RT: 24.153 min Scan# 3585
Delta R.T. 0.010 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:252 Resp: 518326

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	7.1	5.6	8.4



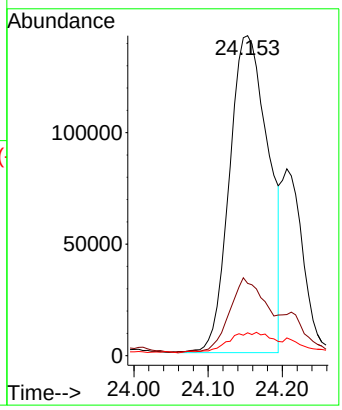


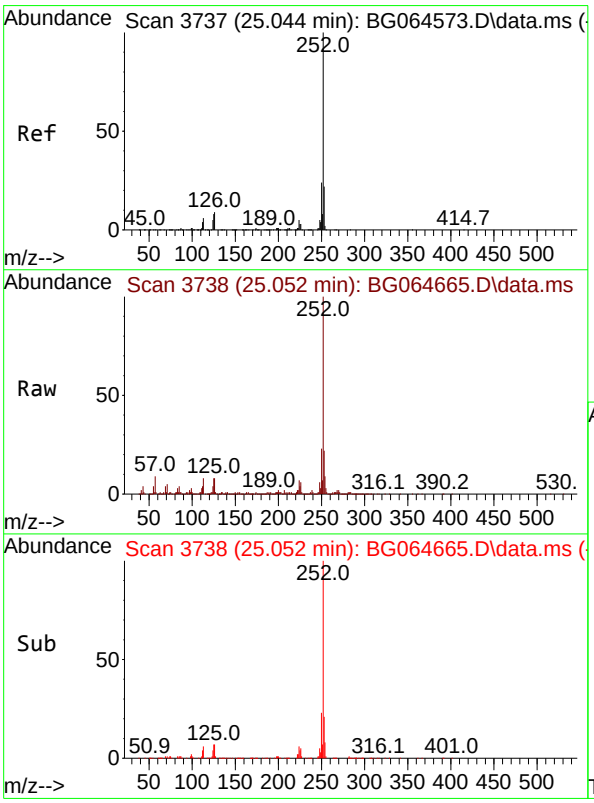
#89
Benzo(k)fluoranthene
Concen: 27.258 ng
RT: 24.153 min Scan# 3
Delta R.T. -0.066 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 518326

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	7.1	5.4	8.0

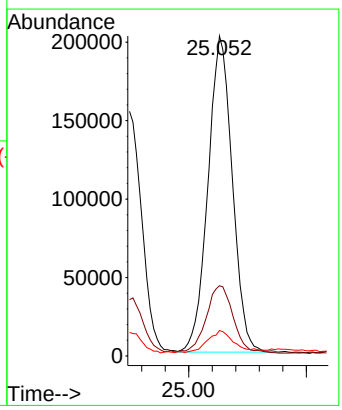


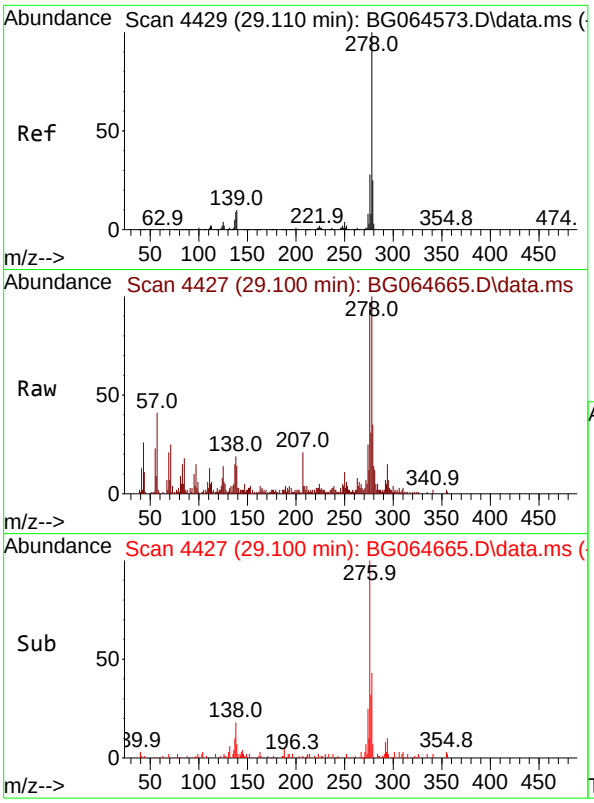


#90
Benzo(a)pyrene
Concen: 33.123 ng
RT: 25.052 min Scan# 3738
Delta R.T. -0.007 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:252 Resp: 578576

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.0	6.1	9.1



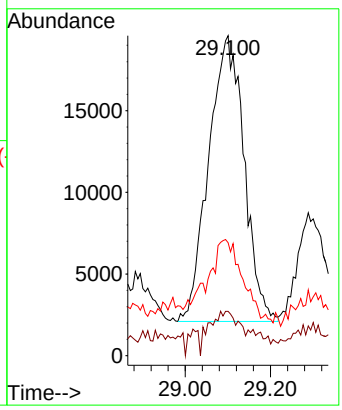


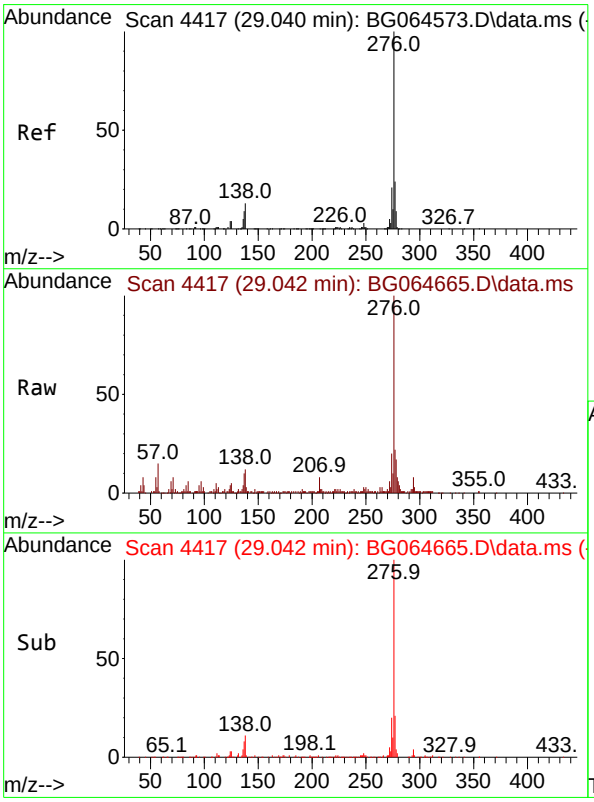
#91
Dibenzo(a,h)anthracene
Concen: 5.445 ng
RT: 29.100 min Scan# 44
Delta R.T. -0.037 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 100845

Ion	Ratio	Lower	Upper
278	100		
139	13.9	8.0	12.0#
279	35.3	19.8	29.6#





#92
Benzo(g,h,i)perylene
Concen: 12.764 ng
RT: 29.042 min Scan# 4417
Delta R.T. -0.019 min
Lab File: BG064665.D
Acq: 31 Oct 2025 21:00

Tgt Ion:276 Resp: 290982

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.2	28.8
138	11.7	10.7	16.1