Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
Data File : BG064730.D
Acq On : 10 Nov 2025 12:45
Operator : RC/JU
Sample : Q3564-01DL 4X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Quant Time: Nov 10 13:23:02 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

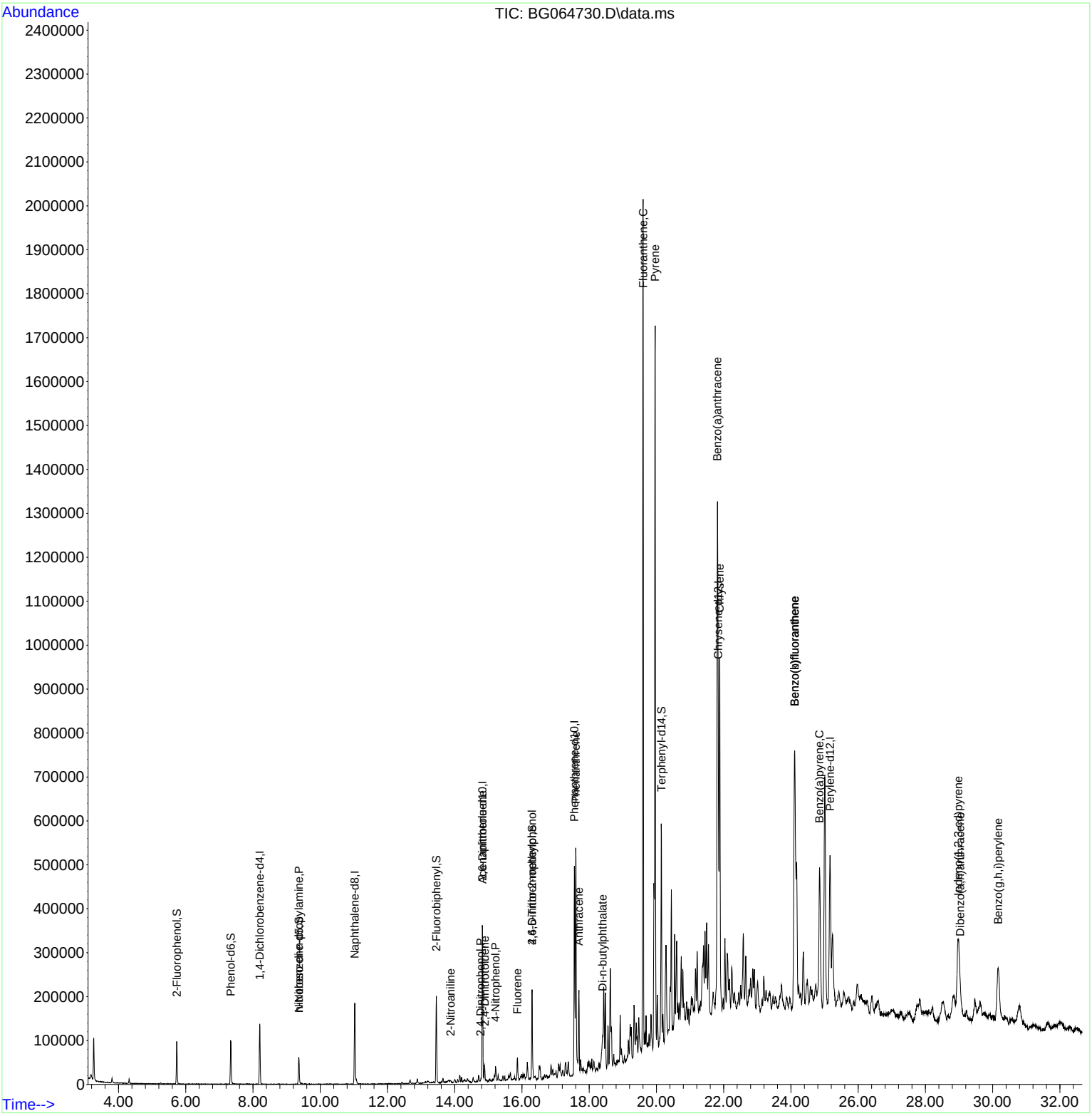
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.200	152	39437	20.000	ng		-0.02
21) Naphthalene-d8	11.026	136	161776	20.000	ng		-0.02
39) Acenaphthene-d10	14.827	164	133747	20.000	ng		-0.02
64) Phenanthrene-d10	17.560	188	313770	20.000	ng		-0.02
76) Chrysene-d12	21.837	240	368459	20.000	ng		#-0.02
86) Perylene-d12	25.162	264	420989	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.732	112	39875	16.971	ng		-0.02
7) Phenol-d6	7.336	99	56013	17.373	ng		-0.02
23) Nitrobenzene-d5	9.363	82	38397	14.256	ng		-0.02
42) 2,4,6-Tribromophenol	16.302	330	44737	23.175	ng		-0.02
45) 2-Fluorobiphenyl	13.453	172	109269	12.383	ng		-0.02
79) Terphenyl-d14	20.151	244	243704	12.482	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.363	70	5127	2.301	ng	#	72
48) 2-Nitroaniline	13.876	65	201	3.303	ng	#	10
51) 2,6-Dinitrotoluene	14.822	165	17642	12.945	ng	#	19
54) 2,4-Dinitrophenol	14.769	184	109	5.670	ng	#	1
56) 4-Nitrophenol	15.215	139	5504	3.375	ng	#	1
57) 2,4-Dinitrotoluene	14.898	165	650	3.284	ng	#	13
58) Fluorene	15.867	166	23171	2.373	ng		94
65) 4,6-Dinitro-2-methylph...	16.302	198	73	5.473	ng	#	1
71) Phenanthrene	17.601	178	346658	20.203	ng		99
72) Anthracene	17.695	178	132656	7.600	ng		99
74) Di-n-butylphthalate	18.400	149	70777	3.977	ng	#	94
75) Fluoranthene	19.604	202	1342102	62.436	ng		98
78) Pyrene	19.963	202	1167295	48.489	ng		98
81) Benzo(a)anthracene	21.813	228	805910	32.987	ng		99
83) Chrysene	21.884	228	658366	28.321	ng		96
87) Indeno(1,2,3-cd)pyrene	28.976	276	399352	12.895	ng	#	91
88) Benzo(b)fluoranthene	24.111	252	883976	34.243	ng	#	98
89) Benzo(k)fluoranthene	24.111	252	883976	34.219	ng	#	98
90) Benzo(a)pyrene	24.851	252	388315	16.364	ng		96
91) Dibenzo(a,h)anthracene	29.034	278	111197	4.420	ng		94
92) Benzo(g,h,i)perylene	30.168	276	349924	14.559	ng	#	95

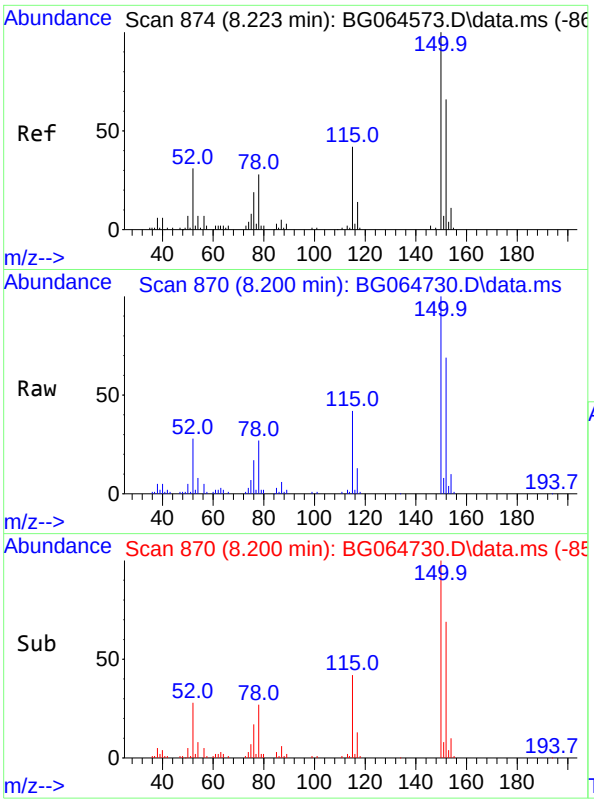
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
Data File : BG064730.D
Acq On : 10 Nov 2025 12:45
Operator : RC/JU
Sample : Q3564-01DL 4X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Quant Time: Nov 10 13:23:02 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



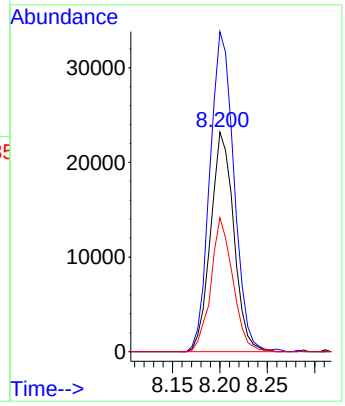


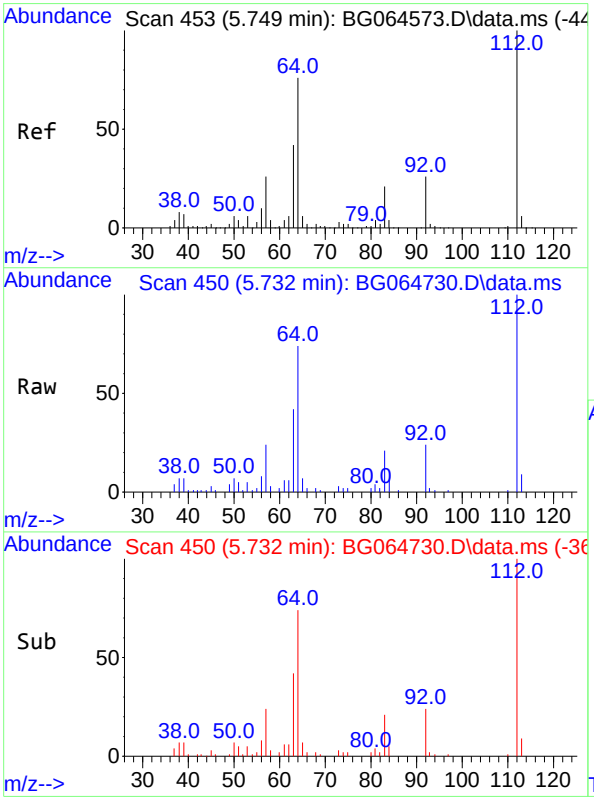
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 8
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:152 Resp: 39437

Ion	Ratio	Lower	Upper
152	100		
150	145.8	122.2	183.4
115	61.0	50.8	76.2

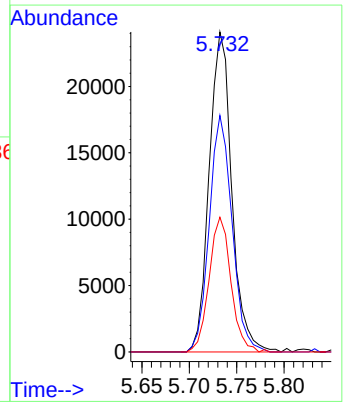


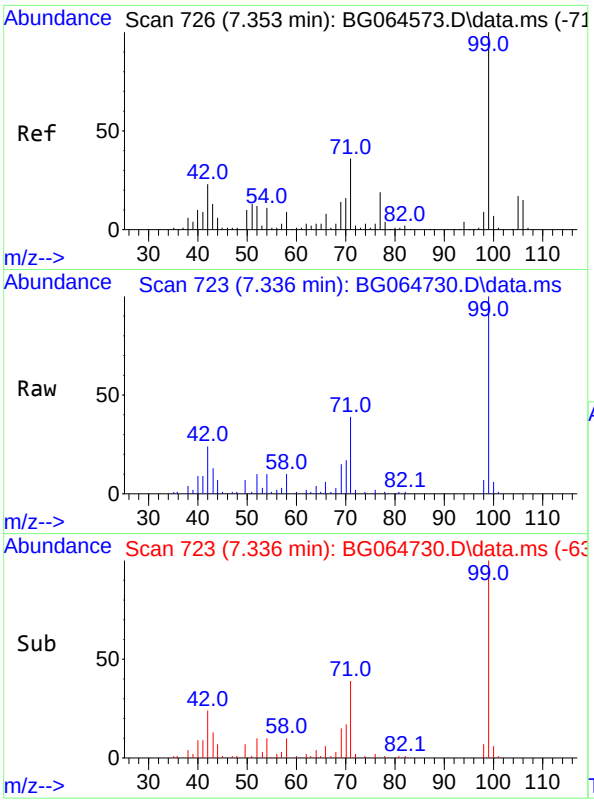


#5
2-Fluorophenol
Concen: 16.971 ng
RT: 5.732 min Scan# 450
Delta R.T. -0.017 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:112 Resp: 39875

Ion	Ratio	Lower	Upper
112	100		
64	73.9	60.7	91.1
63	42.1	33.4	50.0



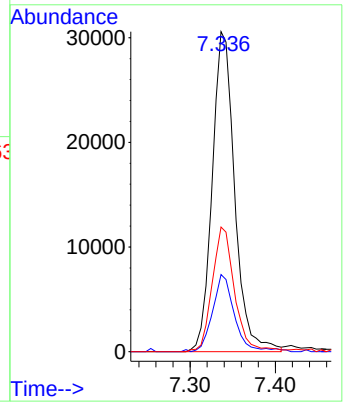


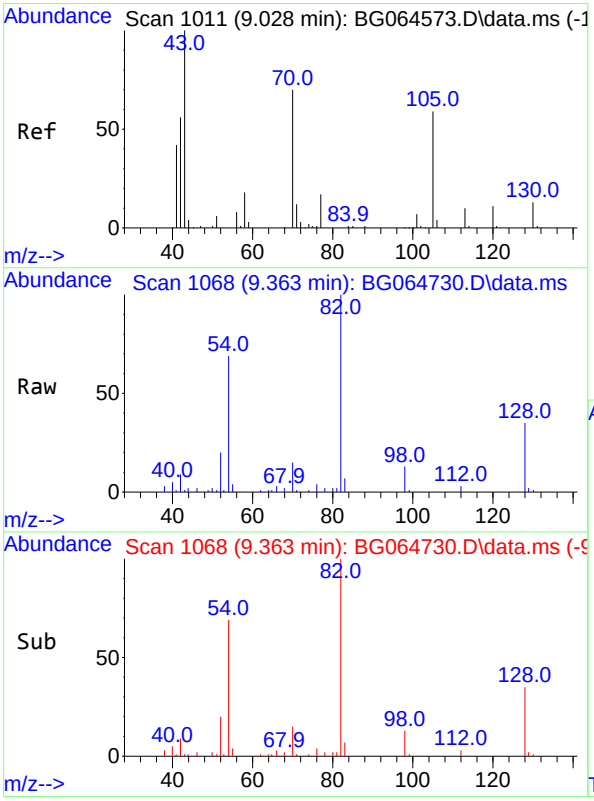
#7
Phenol-d6
Concen: 17.373 ng
RT: 7.336 min Scan# 7
Delta R.T. -0.017 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion: 99 Resp: 56013

Ion	Ratio	Lower	Upper
99	100		
42	24.1	18.3	27.5
71	39.0	28.6	43.0

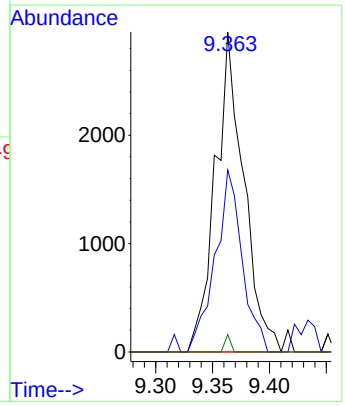


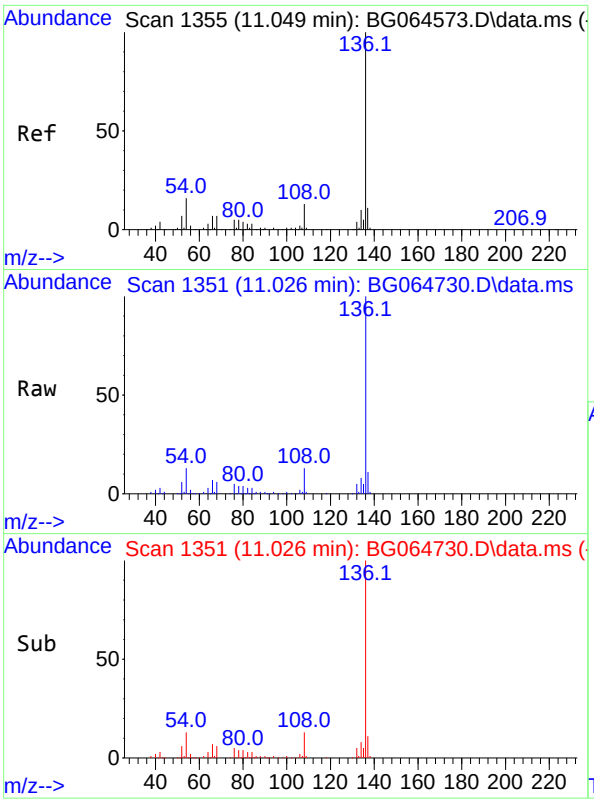


#19
n-Nitroso-di-n-propylamine
Concen: 2.301 ng
RT: 9.363 min Scan# 1068
Delta R.T. 0.335 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion: 70 Resp: 5127

Ion	Ratio	Lower	Upper
70	100		
42	56.8	65.2	97.8#
101	0.0	7.9	11.9#
130	5.4	14.3	21.5#



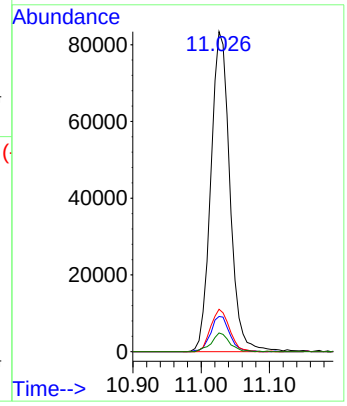


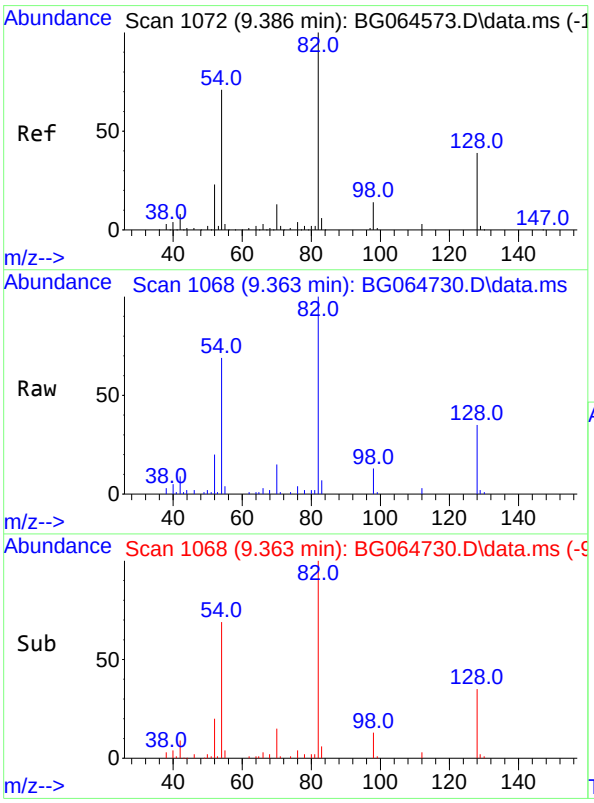
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:136 Resp: 161776

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	13.2	12.6	19.0
68	5.9	5.7	8.5

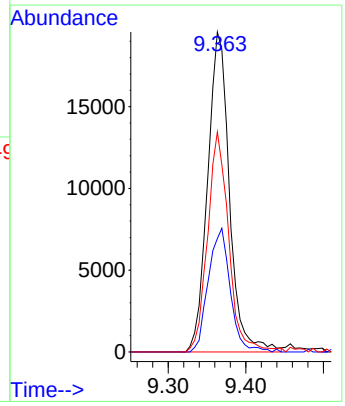


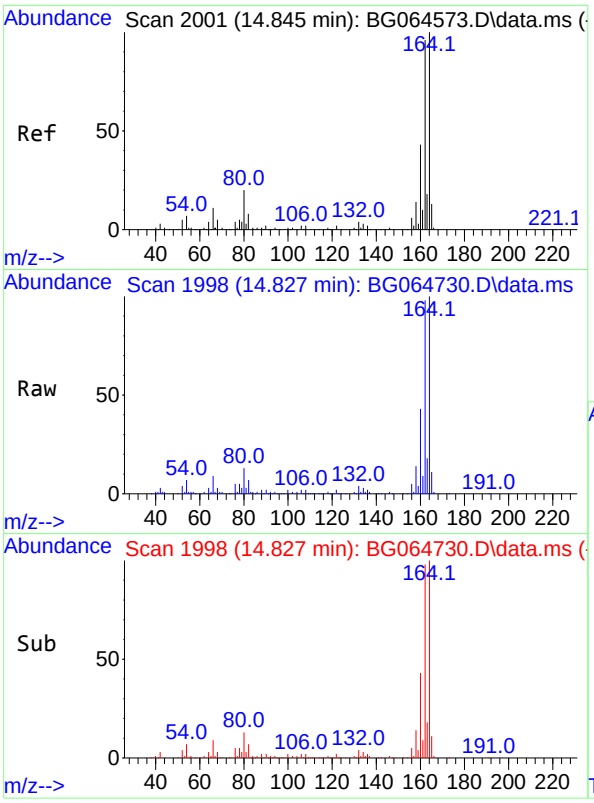


#23
Nitrobenzene-d5
Concen: 14.256 ng
RT: 9.363 min Scan# 1068
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion: 82 Resp: 38397

Ion	Ratio	Lower	Upper
82	100		
128	35.5	31.3	46.9
54	68.8	56.6	84.8



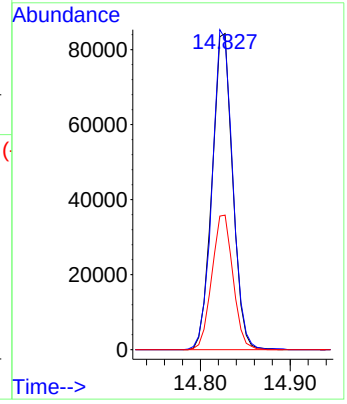


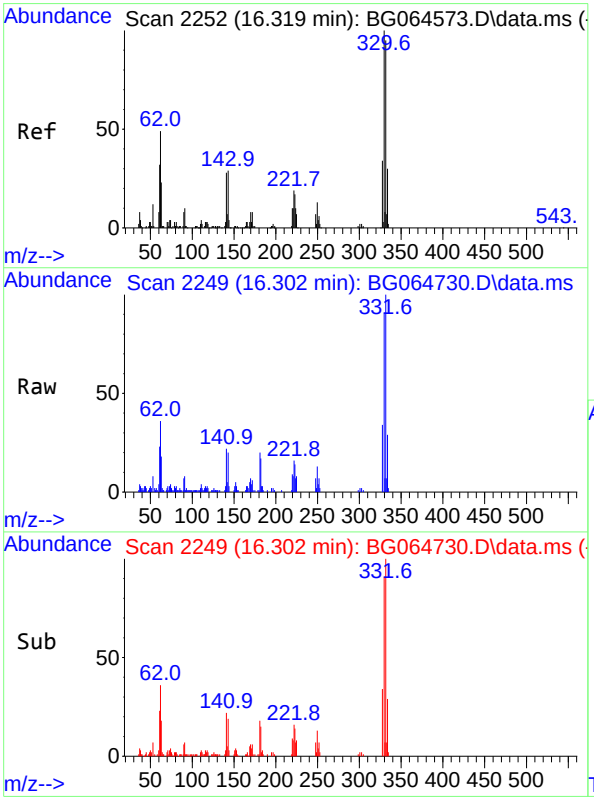
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:164 Resp: 133747

Ion	Ratio	Lower	Upper
164	100		
162	98.3	77.0	115.6
160	42.6	34.4	51.6

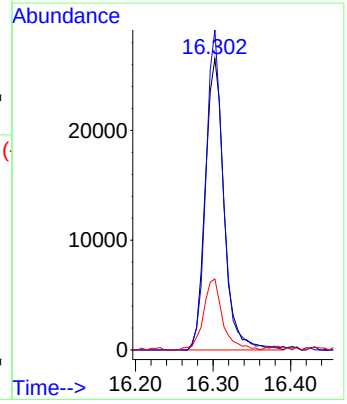


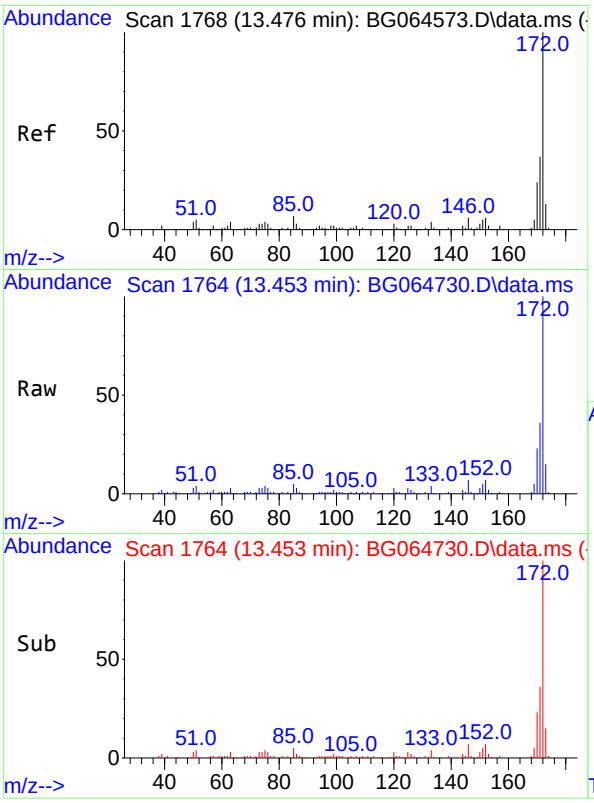


#42
2,4,6-Tribromophenol
Concen: 23.175 ng
RT: 16.302 min Scan# 2249
Delta R.T. -0.017 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:330 Resp: 44737

Ion	Ratio	Lower	Upper
330	100		
332	101.8	78.0	117.0
141	24.8	21.8	32.6



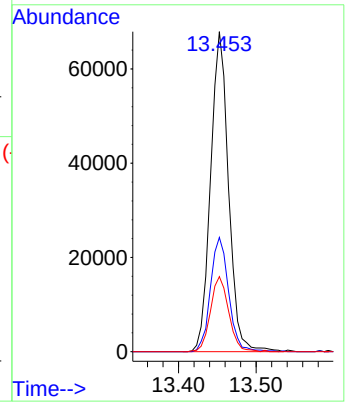


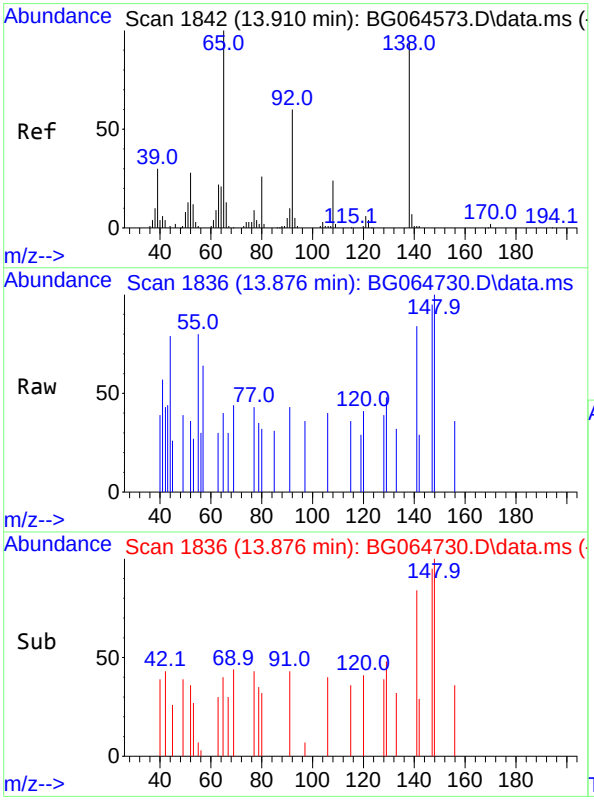
#45
2-Fluorobiphenyl
Concen: 12.383 ng
RT: 13.453 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:172 Resp: 109269

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.5	19.1	28.7

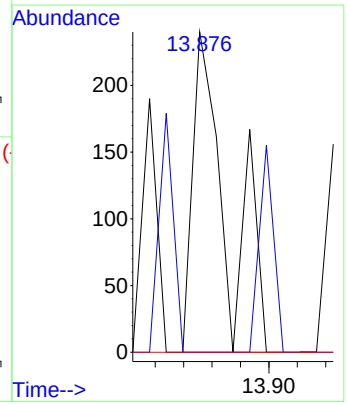


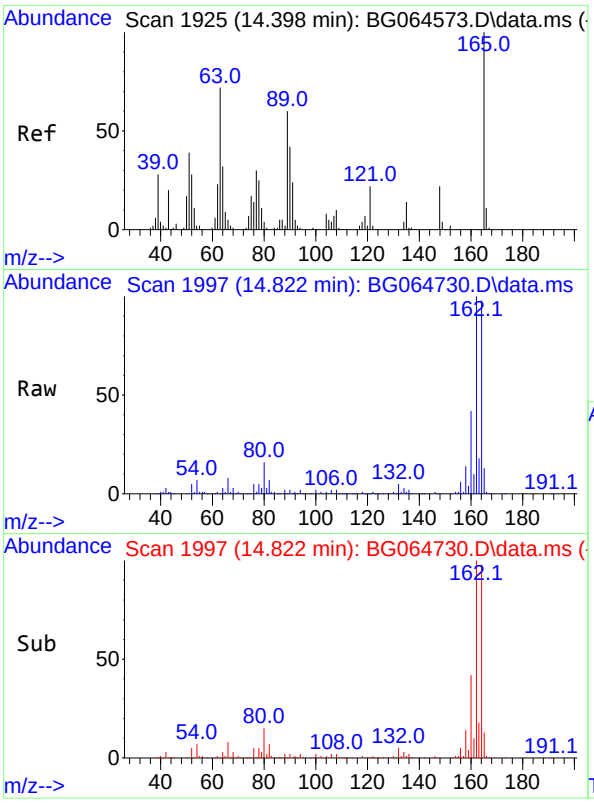


#48
2-Nitroaniline
Concen: 3.303 ng
RT: 13.876 min Scan# 1836
Delta R.T. -0.034 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion: 65 Resp: 201

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



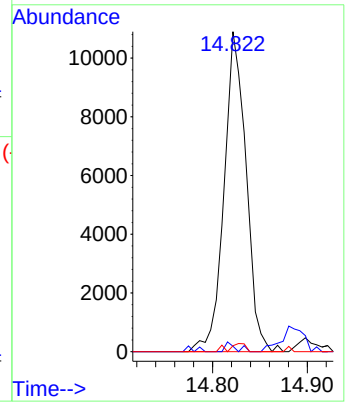


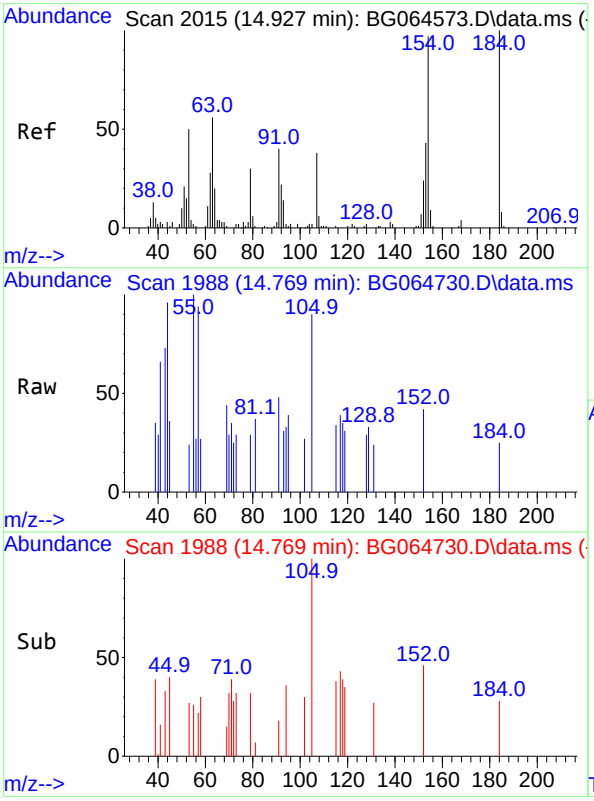
#51
2,6-Dinitrotoluene
Concen: 12.945 ng
RT: 14.822 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:165 Resp: 17642

Ion	Ratio	Lower	Upper
165	100		
63	1.7	57.4	86.0#
89	1.8	47.8	71.8#

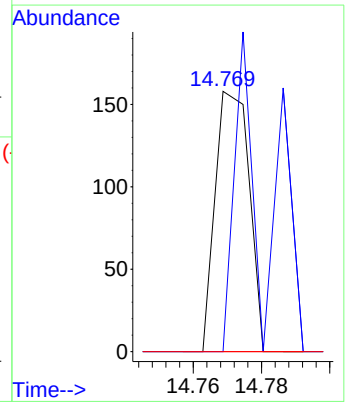


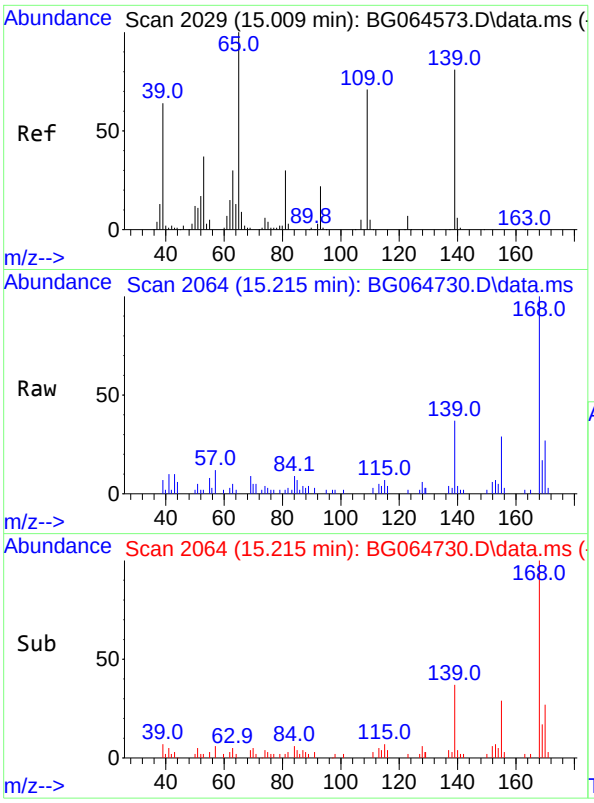


#54
2,4-Dinitrophenol
Concen: 5.670 ng
RT: 14.769 min Scan# 1988
Delta R.T. -0.158 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:184 Resp: 109

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



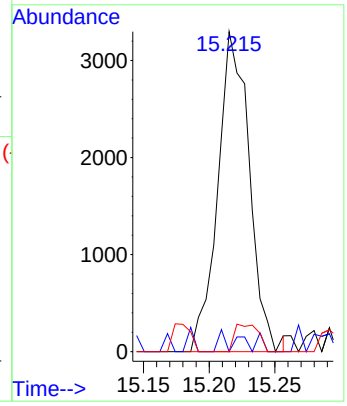


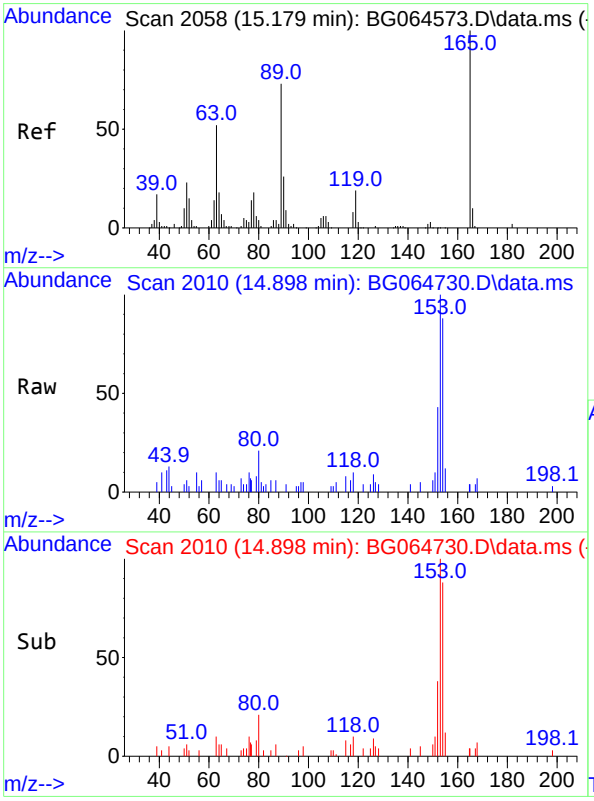
#56
4-Nitrophenol
Concen: 3.375 ng
RT: 15.215 min Scan# 2
Delta R.T. 0.206 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:139 Resp: 5504

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

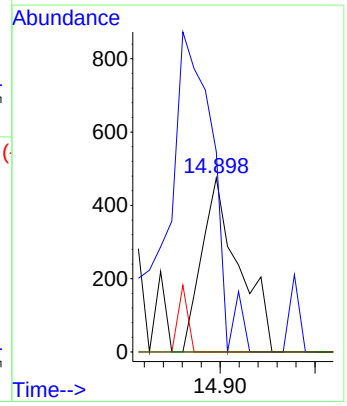


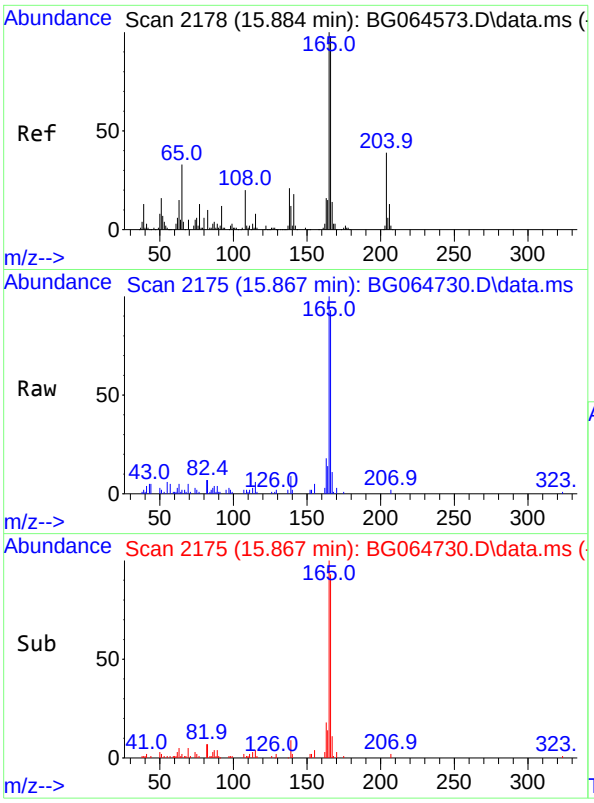


#57
2,4-Dinitrotoluene
Concen: 3.284 ng
RT: 14.898 min Scan# 2010
Delta R.T. -0.281 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:165 Resp: 650

Ion	Ratio	Lower	Upper
165	100		
63	114.9	41.8	62.8#
89	0.0	58.1	87.1#
182	0.0	1.4	2.0#



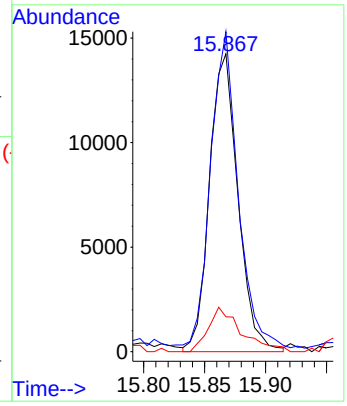


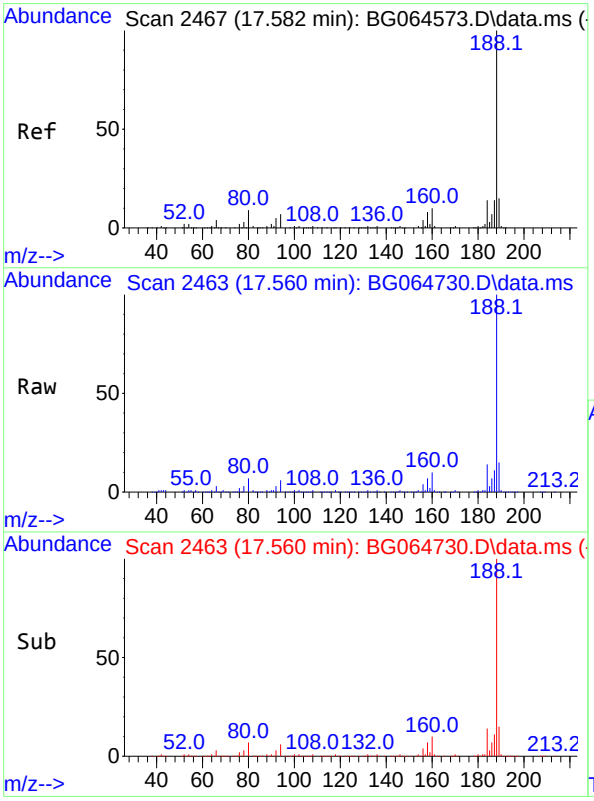
#58
Fluorene
Concen: 2.373 ng
RT: 15.867 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:166 Resp: 23171

Ion	Ratio	Lower	Upper
166	100		
165	107.4	81.5	122.3
167	11.7	11.4	17.0

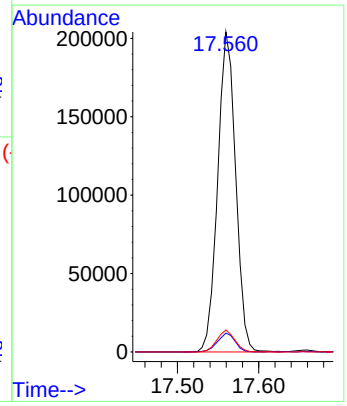


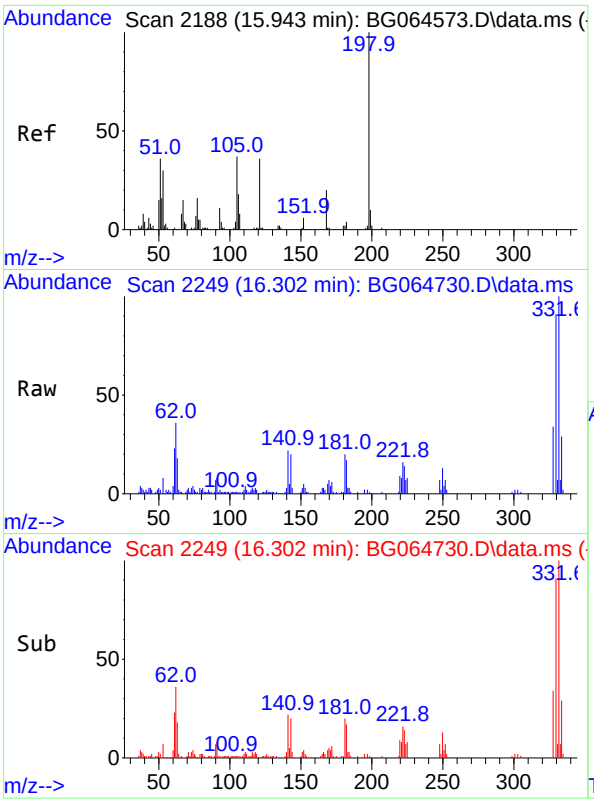


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 2463
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:188 Resp: 313770

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	6.8	6.8	10.2



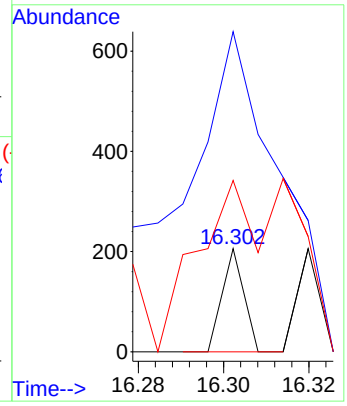


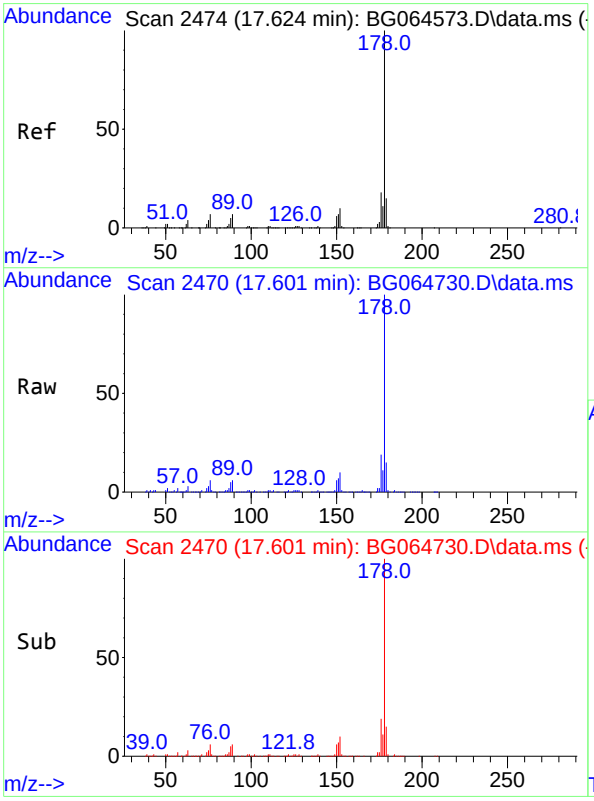
#65
4,6-Dinitro-2-methylphenol
Concen: 5.473 ng
RT: 16.302 min Scan# 2
Delta R.T. 0.359 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:198 Resp: 73

Ion	Ratio	Lower	Upper
198	100		
51	310.2	24.7	64.7#
105	295.6	18.0	58.0#

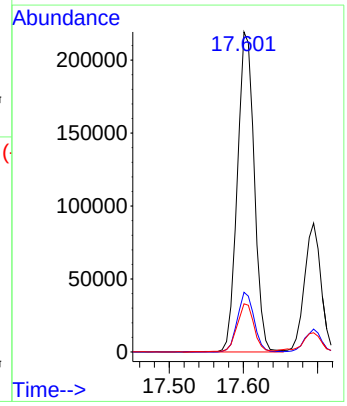


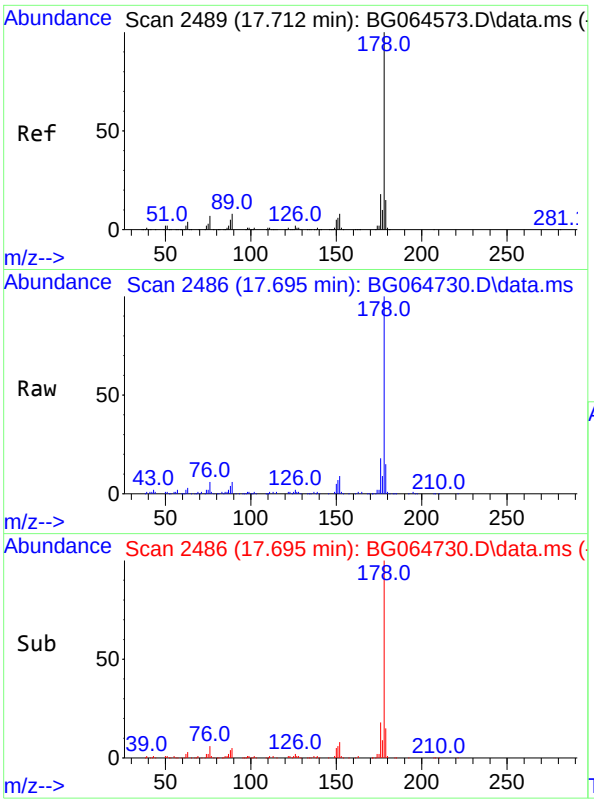


#71
Phenanthrene
Concen: 20.203 ng
RT: 17.601 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:178 Resp: 346658

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.0	12.2	18.4



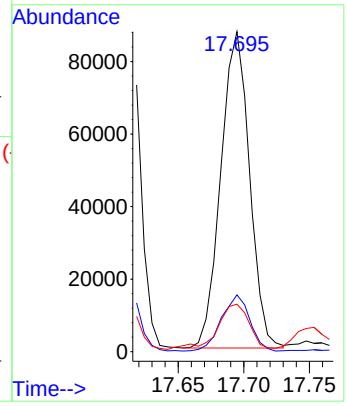


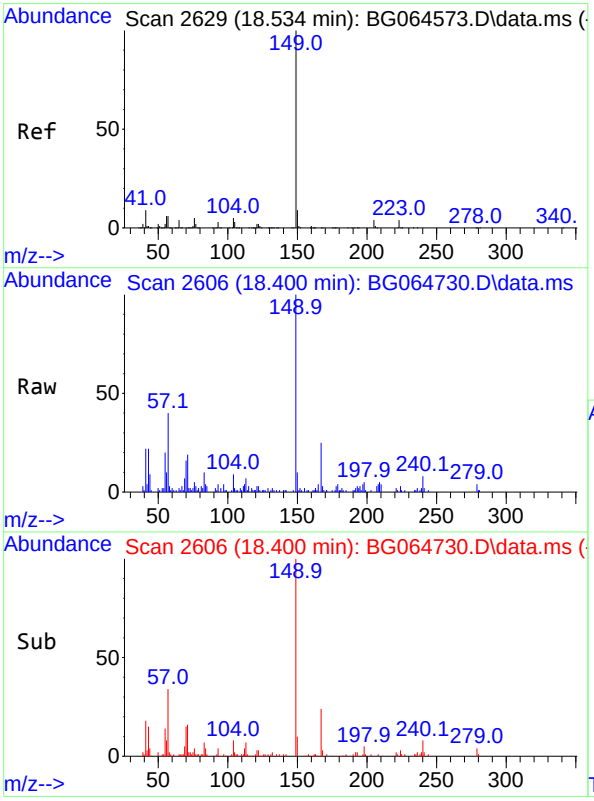
#72
Anthracene
Concen: 7.600 ng
RT: 17.695 min Scan# 24
Delta R.T. -0.017 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:178 Resp: 132656

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.4	21.6
179	14.9	12.4	18.6

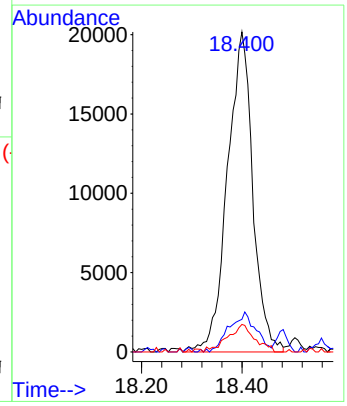


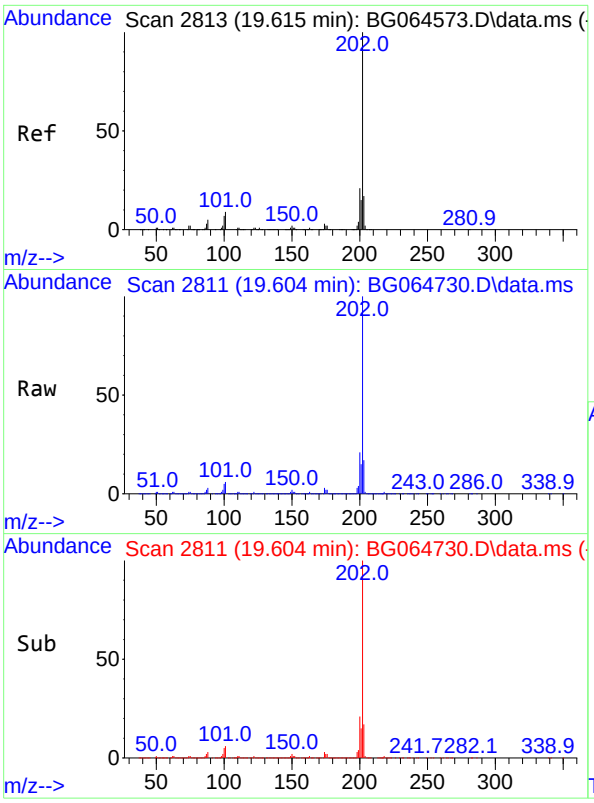


#74
Di-n-butylphthalate
Concen: 3.977 ng
RT: 18.400 min Scan# 2606
Delta R.T. -0.135 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:149 Resp: 70777

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.0	10.6
104	8.6	4.1	6.1#



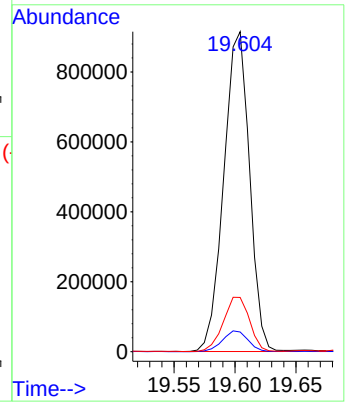


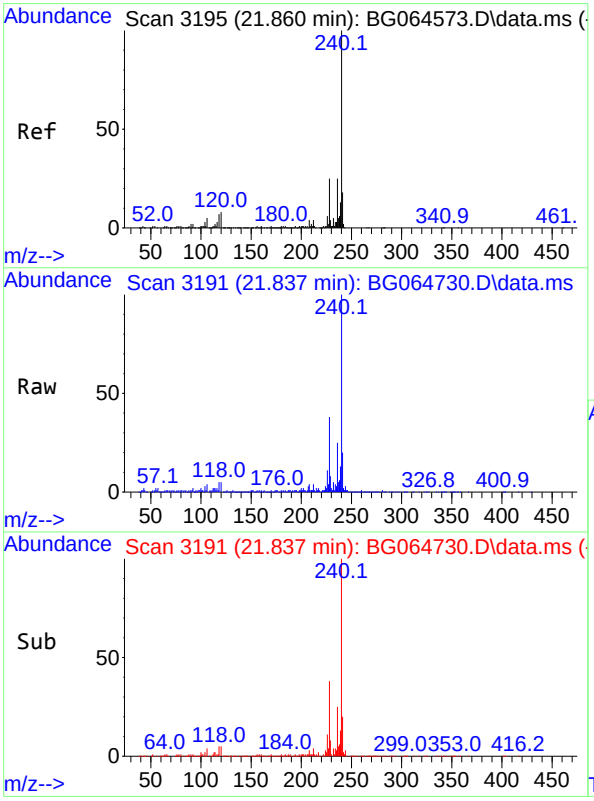
#75
Fluoranthene
Concen: 62.436 ng
RT: 19.604 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:202 Resp: 1342102

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	28.7
203	17.0	0.0	37.0

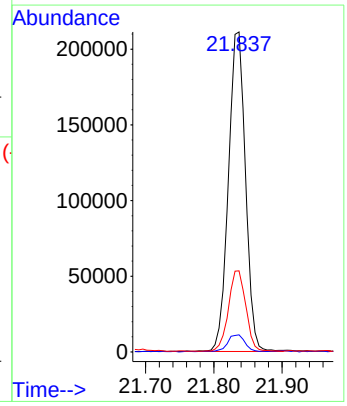


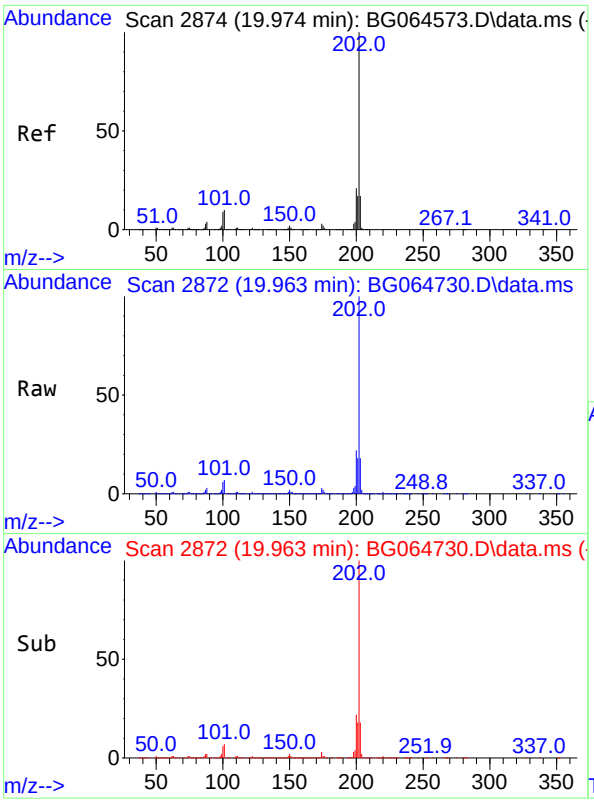


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.837 min Scan# 3191
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:240 Resp: 368459

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.5	9.7#
236	25.3	20.2	30.2



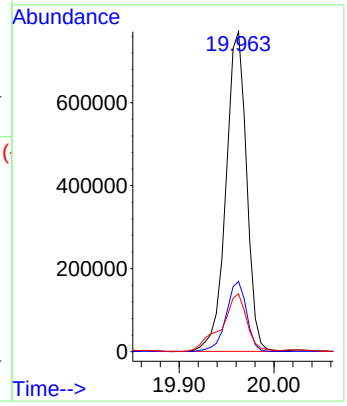


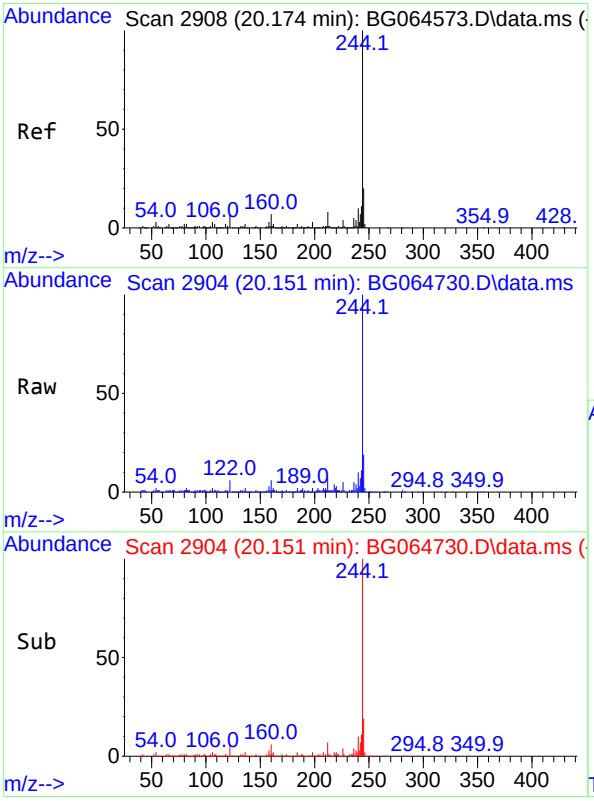
#78
Pyrene
Concen: 48.489 ng
RT: 19.963 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:202 Resp: 1167295

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	18.1	13.8	20.6

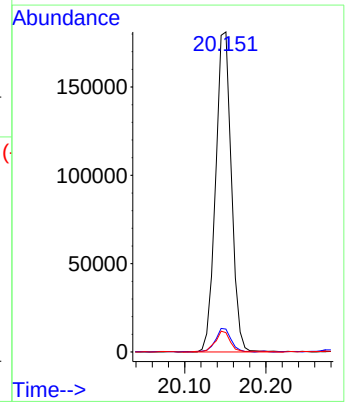


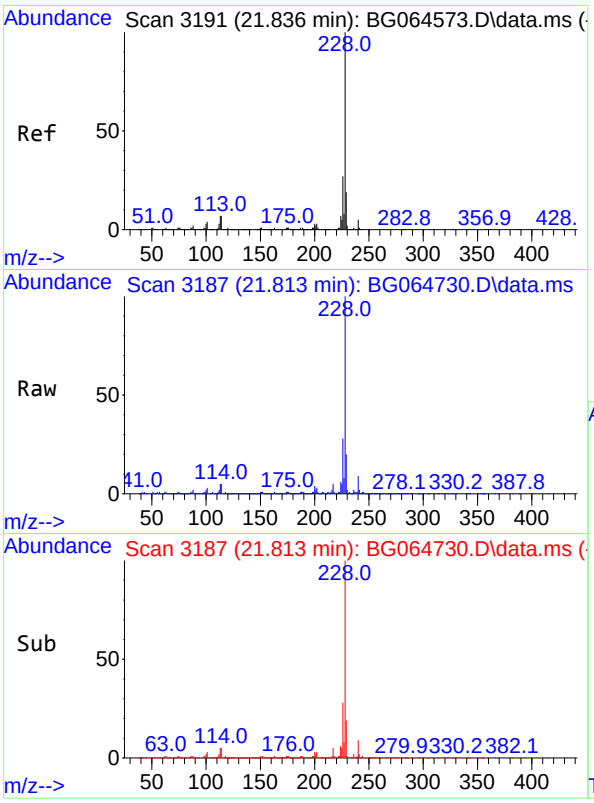


#79
Terphenyl-d14
Concen: 12.482 ng
RT: 20.151 min Scan# 2904
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:244 Resp: 243704

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.0	5.6	8.4



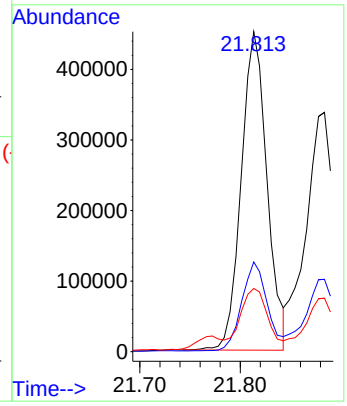


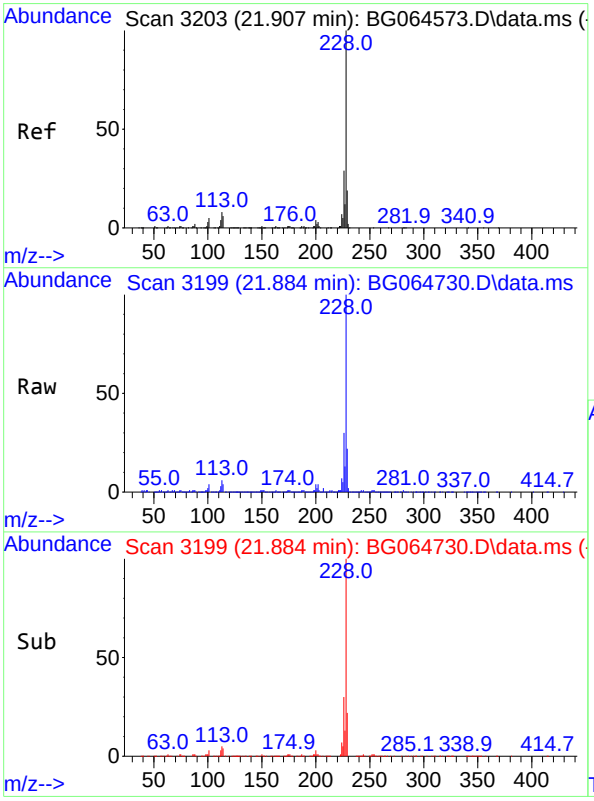
#81
Benzo(a)anthracene
Concen: 32.987 ng
RT: 21.813 min Scan# 3
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:228 Resp: 805910

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.9	32.9
229	19.8	15.6	23.4

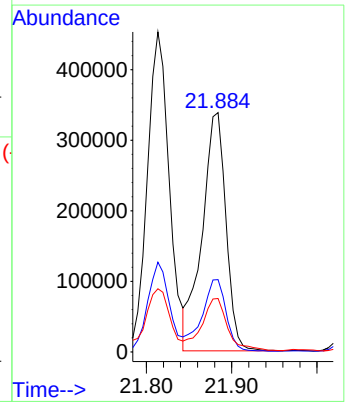


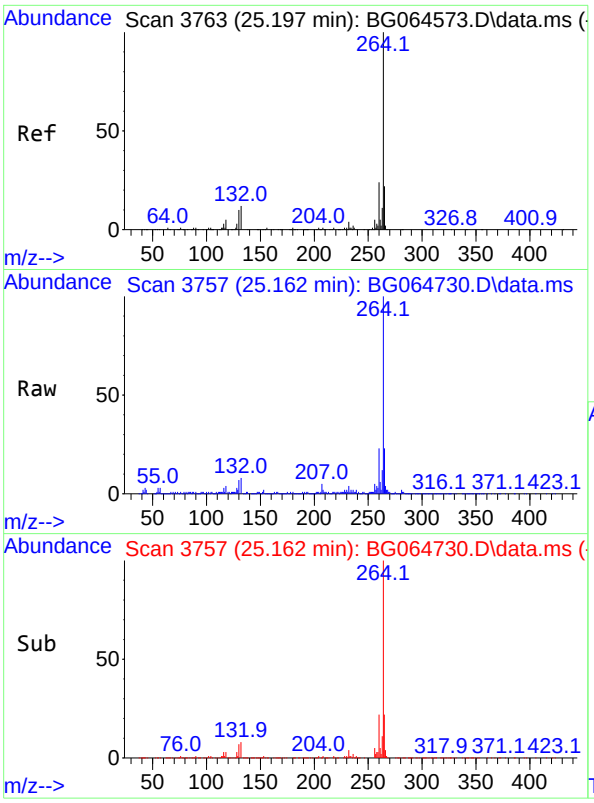


#83
Chrysene
Concen: 28.321 ng
RT: 21.884 min Scan# 3199
Delta R.T. -0.023 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:228 Resp: 658366

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	22.4	15.2	22.8



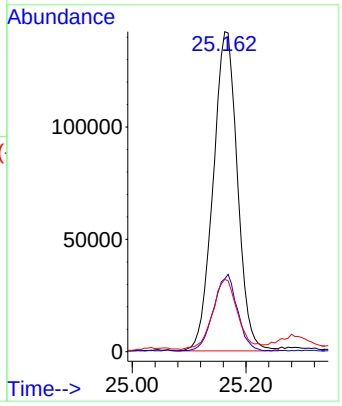


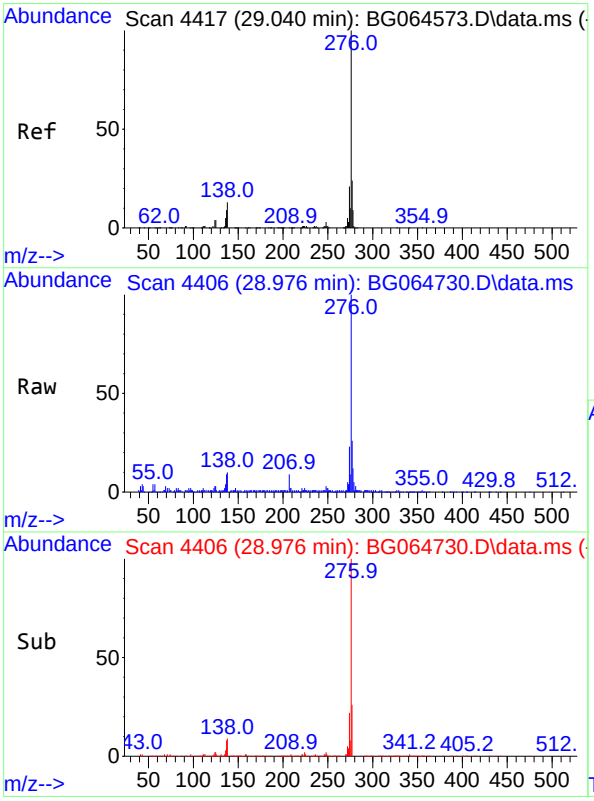
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.162 min Scan# 3
Delta R.T. -0.035 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:264 Resp: 420989

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	22.6	17.6	26.4

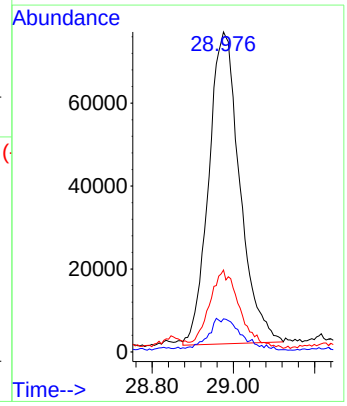


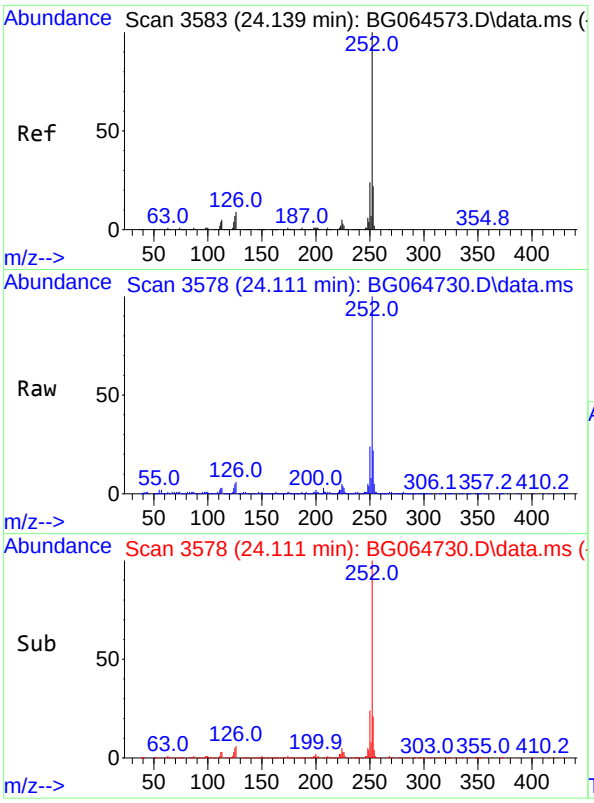


#87
Indeno(1,2,3-cd)pyrene
Concen: 12.895 ng
RT: 28.976 min Scan# 4406
Delta R.T. -0.064 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:276 Resp: 399352

Ion	Ratio	Lower	Upper
276	100		
138	3.9	10.8	16.2#
277	24.7	20.1	30.1



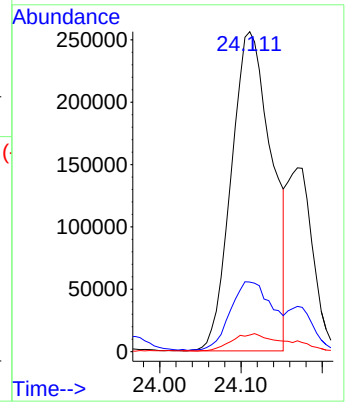


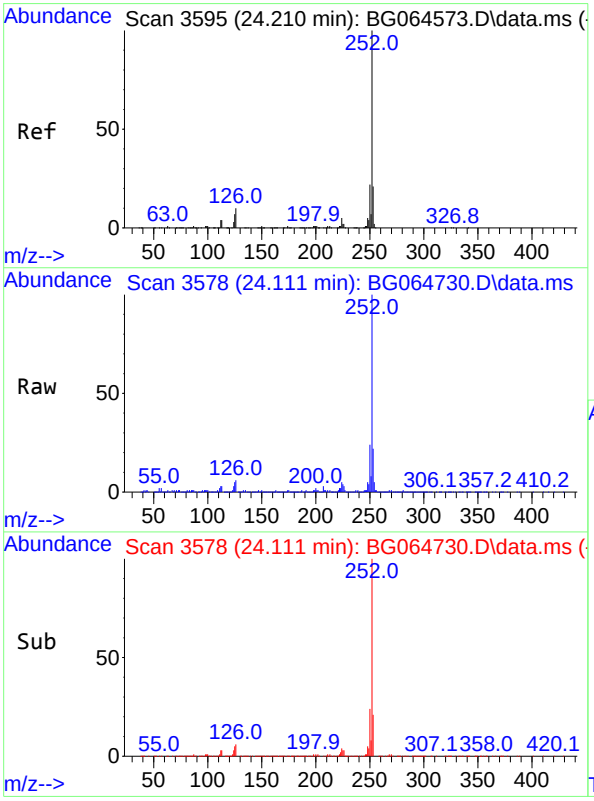
#88
Benzo(b)fluoranthene
Concen: 34.243 ng
RT: 24.111 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:252 Resp: 883976

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	5.2	5.6	8.4#

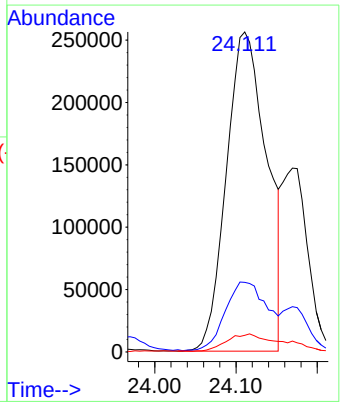


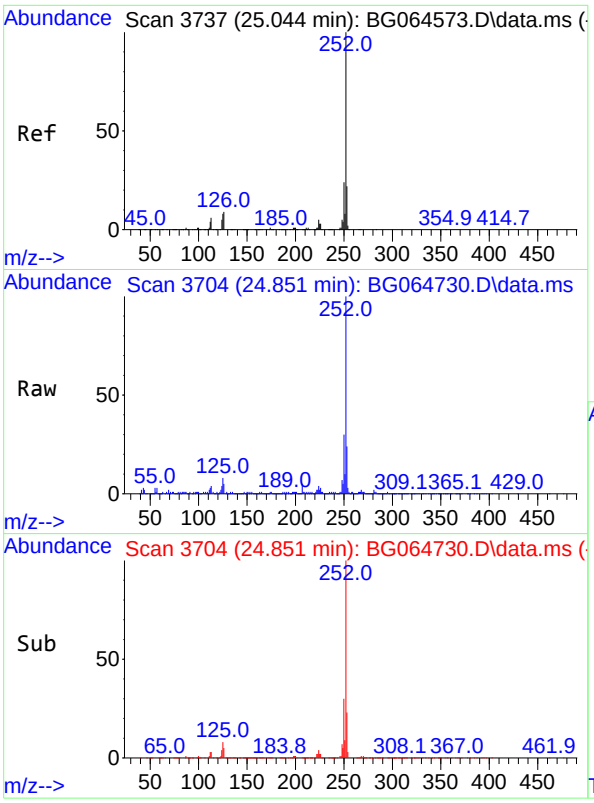


#89
Benzo(k)fluoranthene
Concen: 34.219 ng
RT: 24.111 min Scan# 3578
Delta R.T. -0.099 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:252 Resp: 883976

Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.8	25.2
125	5.2	5.4	8.0#



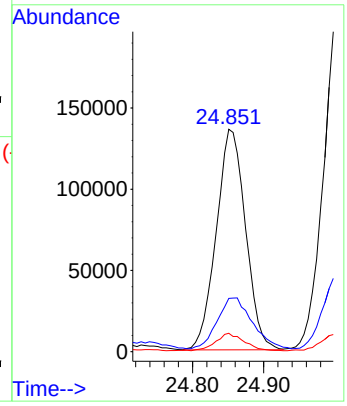


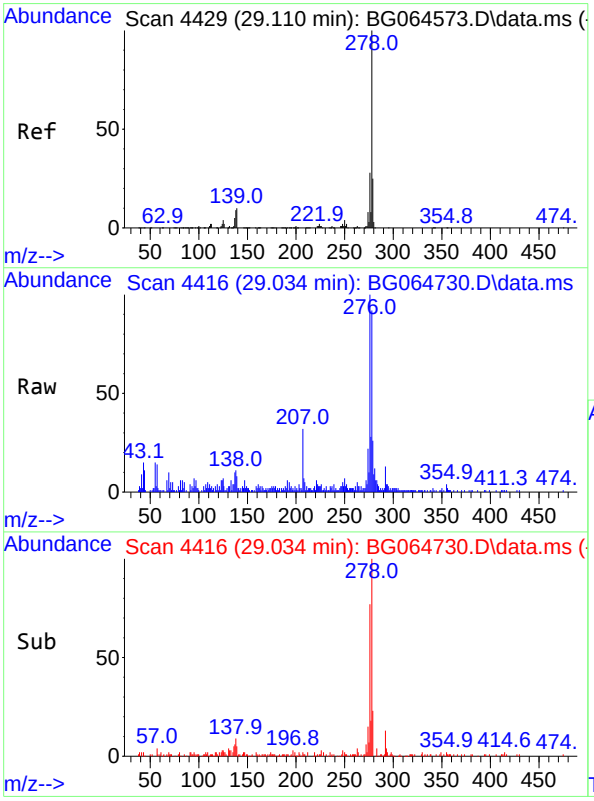
#90
Benzo(a)pyrene
Concen: 16.364 ng
RT: 24.851 min Scan# 3
Delta R.T. -0.193 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:252 Resp: 388315

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	8.3	6.1	9.1

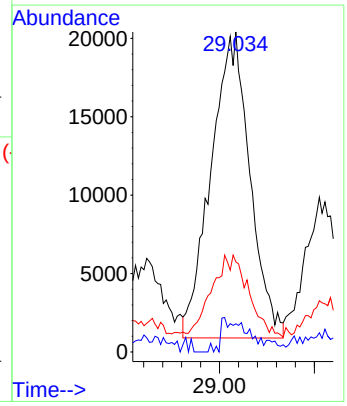


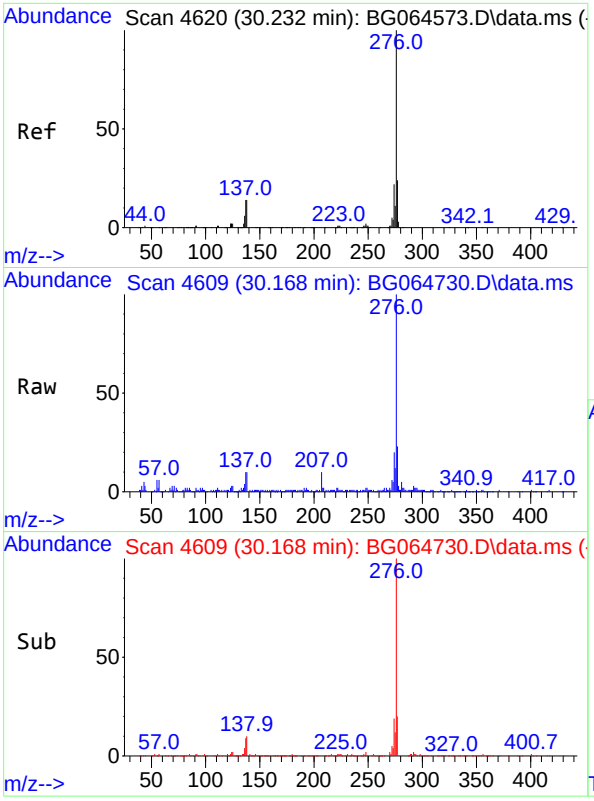


#91
Dibenzo(a,h)anthracene
Concen: 4.420 ng
RT: 29.034 min Scan# 4416
Delta R.T. -0.076 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Tgt Ion:278 Resp: 111197

Ion	Ratio	Lower	Upper
278	100		
139	8.8	8.0	12.0
279	28.1	19.8	29.6





#92
Benzo(g,h,i)perylene
Concen: 14.559 ng
RT: 30.168 min Scan# 4
Delta R.T. -0.064 min
Lab File: BG064730.D
Acq: 10 Nov 2025 12:45

Instrument :
BNA_G
ClientSampleId :
OR-03-11062025DL

Tgt Ion:276 Resp: 349924

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.1	28.7
138	10.4	11.3	16.9#