Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111425\
Data File : BG064779.D
Acq On : 14 Nov 2025 14:38
Operator : RC/JU
Sample : Q3631-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 15:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.165	152	41864	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	166608	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	132917	20.000	ng		0.00
64) Phenanthrene-d10	17.501	188	328798	20.000	ng		0.00
76) Chrysene-d12	21.749	240	367378	20.000	ng		0.00
86) Perylene-d12	25.033	264	383007	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.697	112	221713	92.480	ng		0.00
7) Phenol-d6	7.307	99	299987	94.079	ng		0.00
23) Nitrobenzene-d5	9.322	82	192540	57.138	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	247057	95.304	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	528794	55.512	ng		0.00
79) Terphenyl-d14	20.086	244	1128054	60.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	4350	4.687	ng	#	1
19) n-Nitroso-di-n-propyla...	9.322	70	27154	12.595	ng	#	62
51) 2,6-Dinitrotoluene	14.775	165	18096	8.957	ng	#	22
52) Acenaphthene	14.833	154	53130	6.896	ng		95
55) Dibenzofuran	15.168	168	55282	4.340	ng		92
56) 4-Nitrophenol	15.162	139	19044	12.037	ng	#	1
58) Fluorene	15.809	166	84472	8.456	ng		99
63) Azobenzene	16.108	77	51610	6.169	ng	#	1
67) 4-Bromophenyl-phenylether	16.249	248	14928	3.457	ng	#	1
70) Pentachlorophenol	17.148	266	314	6.237	ng	#	52
71) Phenanthrene	17.542	178	410998	22.846	ng		100
72) Anthracene	17.630	178	92920	5.066	ng		96
75) Fluoranthene	19.540	202	617445	25.100	ng		99
78) Pyrene	19.898	202	451022	21.905	ng		98
81) Benzo(a)anthracene	21.731	228	194132	7.771	ng		97
83) Chrysene	21.796	228	191235	8.120	ng		98
84) Bis(2-ethylhexyl)phtha...	21.631	149	37866	3.578	ng		96
85) Di-n-octyl phthalate	23.024	149	8315960	454.592	ng	#	54
87) Indeno(1,2,3-cd)pyrene	28.729	276	67935	2.582	ng	#	77
88) Benzo(b)fluoranthene	23.987	252	198857	8.159	ng		99
89) Benzo(k)fluoranthene	23.987	252	199368	8.142	ng		98
90) Benzo(a)pyrene	24.875	252	111725	4.941	ng		98
92) Benzo(g,h,i)perylene	29.875	276	63841	3.077	ng	#	93

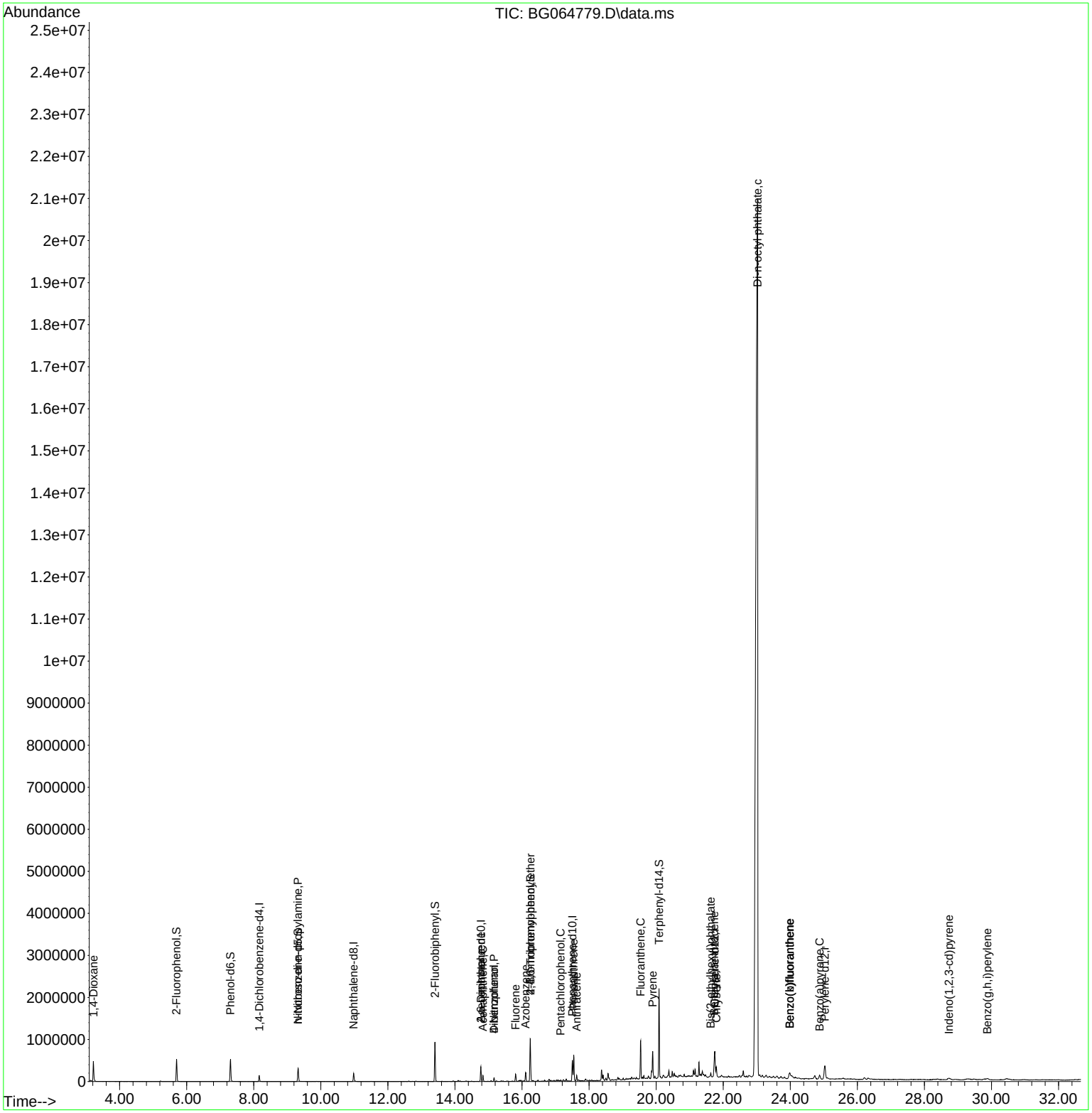
(#) = qualifier out of range (m) = manual integration (+) = signals summed

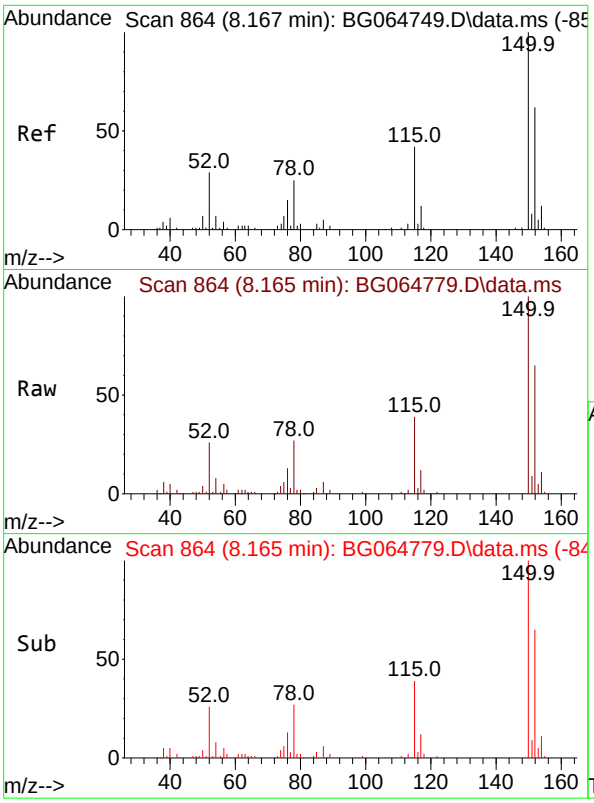
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111425\
Data File : BG064779.D
Acq On : 14 Nov 2025 14:38
Operator : RC/JU
Sample : Q3631-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 15:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



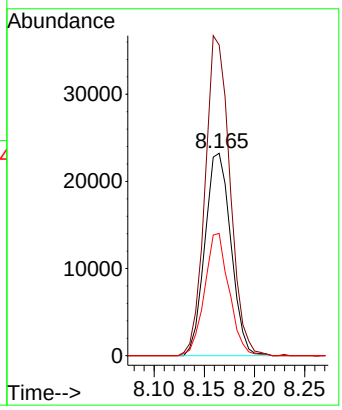


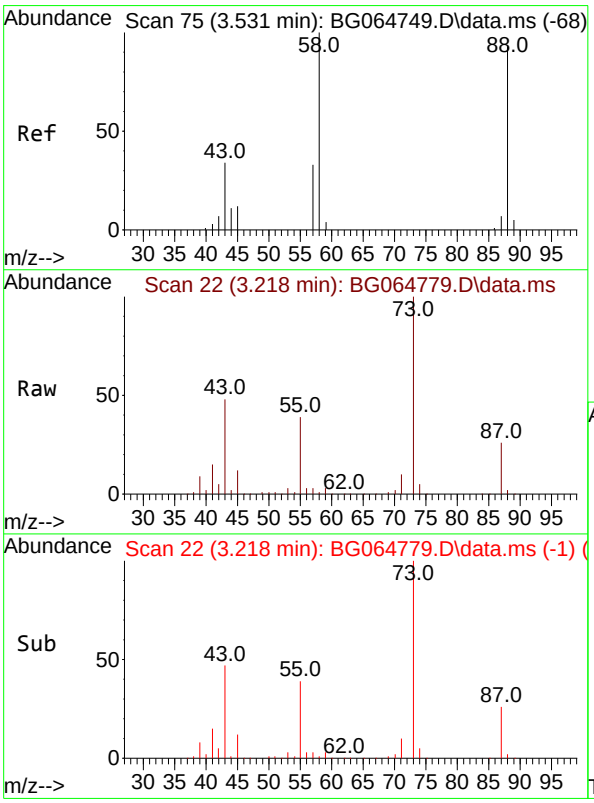
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41864

Ion	Ratio	Lower	Upper
152	100		
150	153.5	129.2	193.8
115	60.4	53.7	80.5

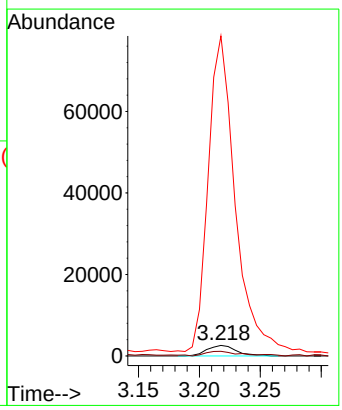


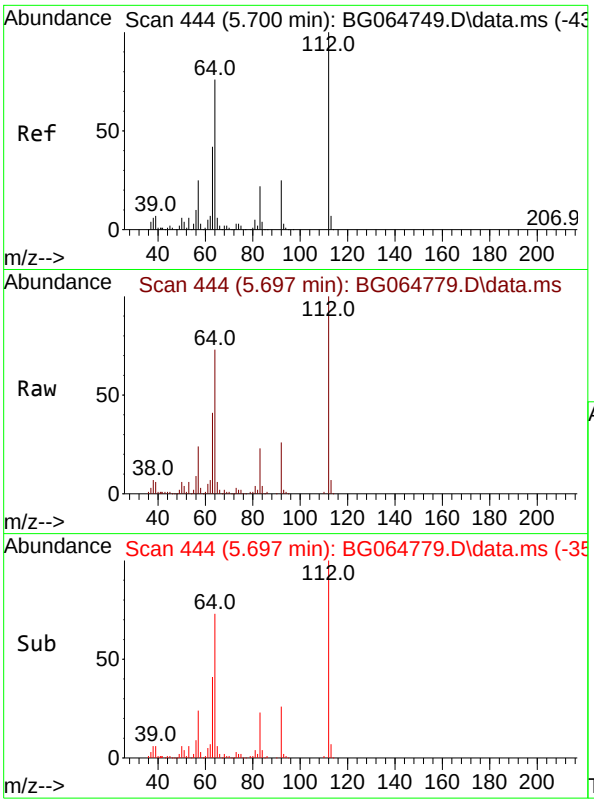


#2
1,4-Dioxane
Concen: 4.687 ng
RT: 3.218 min Scan# 22
Delta R.T. -0.314 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion: 88 Resp: 4350

Ion	Ratio	Lower	Upper
88	100		
58	46.8	84.6	126.8#
43	2845.6	30.0	45.0#



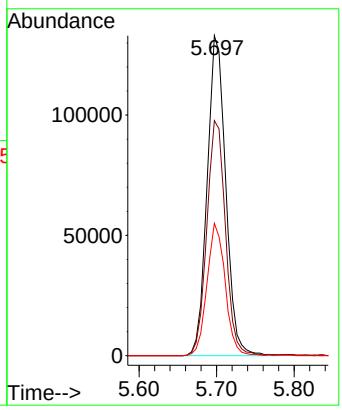


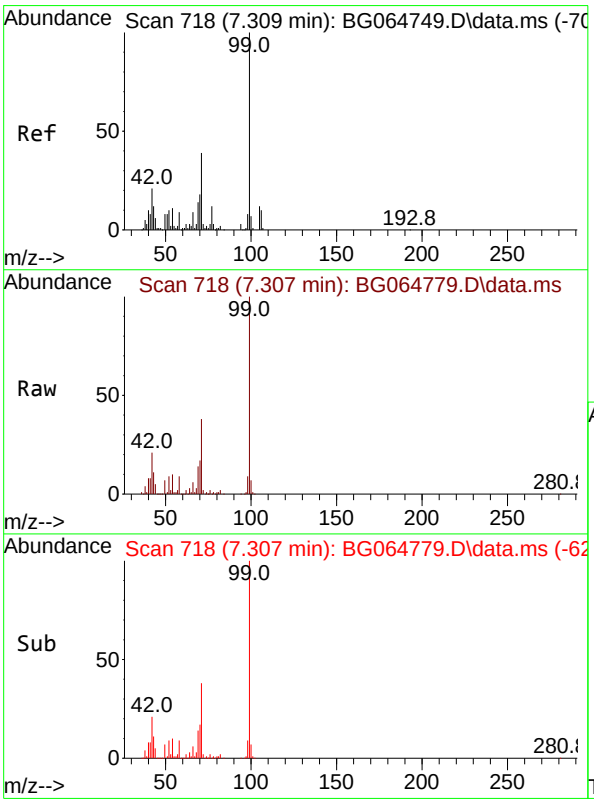
#5
2-Fluorophenol
Concen: 92.480 ng
RT: 5.697 min Scan# 44
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 221713

Ion	Ratio	Lower	Upper
112	100		
64	73.4	61.0	91.4
63	41.3	33.3	49.9

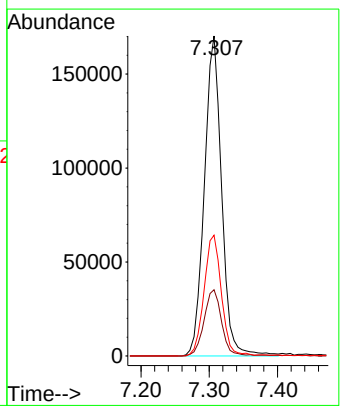


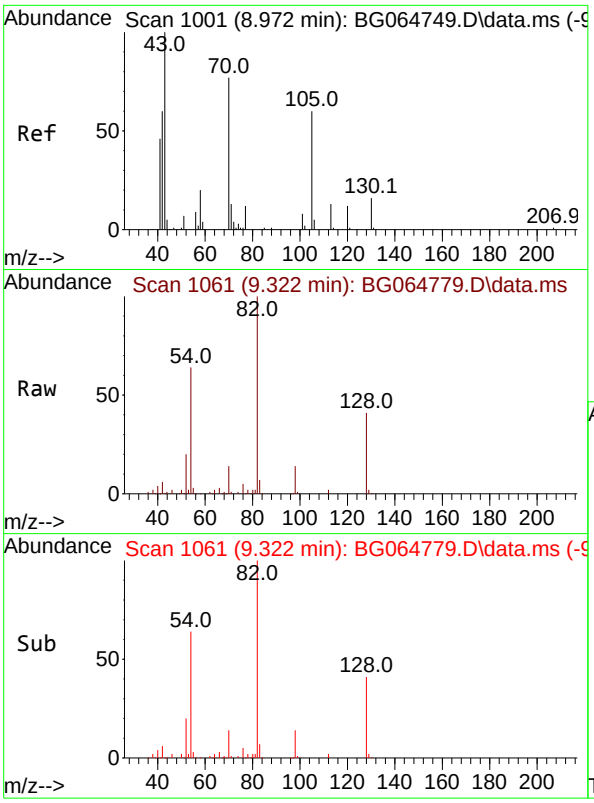


#7
Phenol-d6
Concen: 94.079 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion: 99 Resp: 299987

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.8	25.2
71	37.7	31.1	46.7



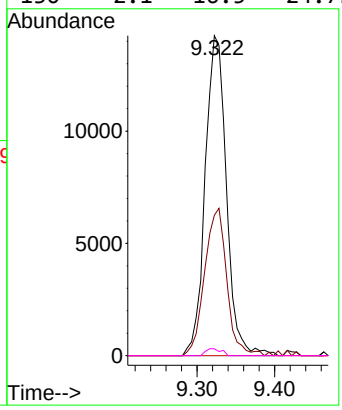


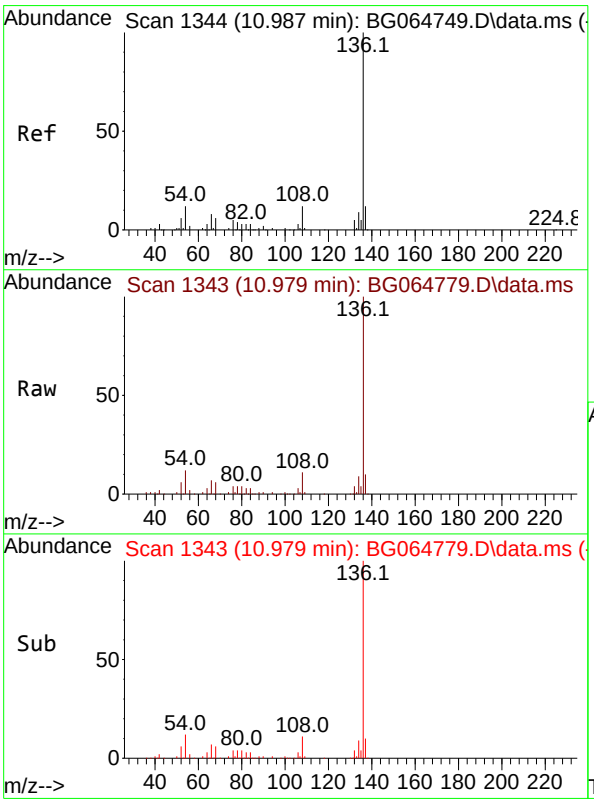
#19
n-Nitroso-di-n-propylamine
Concen: 12.595 ng
RT: 9.322 min Scan# 1
Delta R.T. 0.350 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 27154

Ion	Ratio	Lower	Upper
70	100		
42	43.9	62.6	93.8#
101	0.0	8.0	12.0#
130	2.1	16.5	24.7#

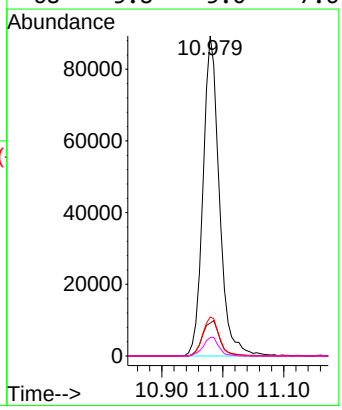


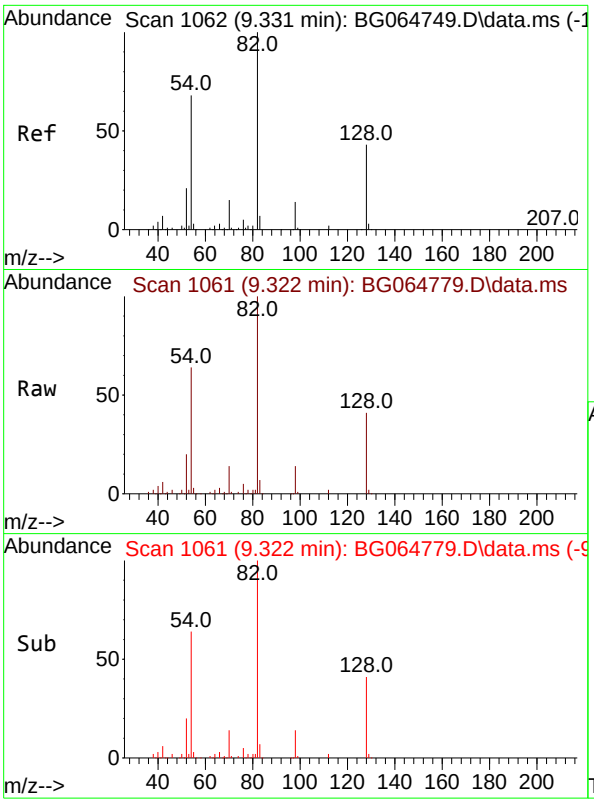


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:136 Resp: 166608

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.3	13.9
54	12.2	9.3	13.9
68	5.8	5.0	7.6



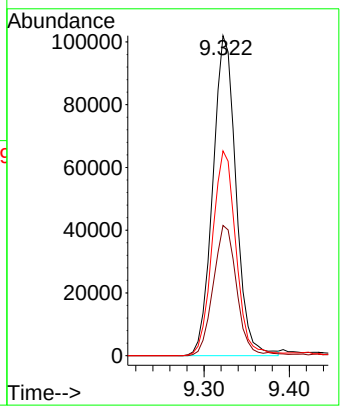


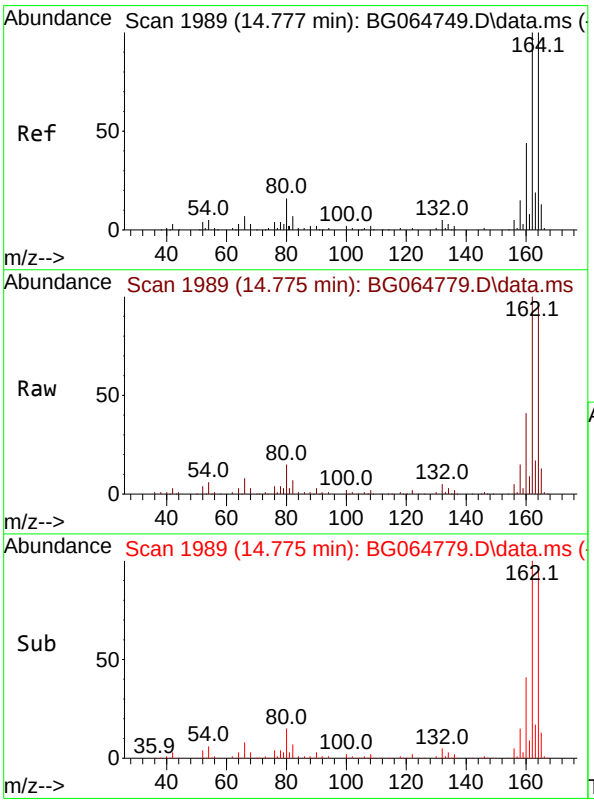
#23
Nitrobenzene-d5
Concen: 57.138 ng
RT: 9.322 min Scan# 1(
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 192540

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.1	51.1
54	64.0	54.3	81.5

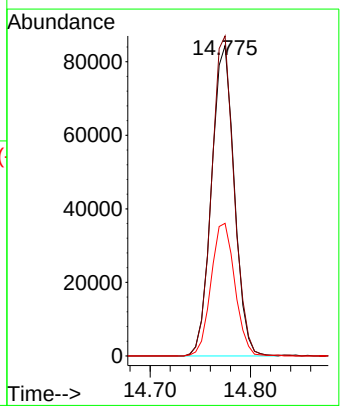


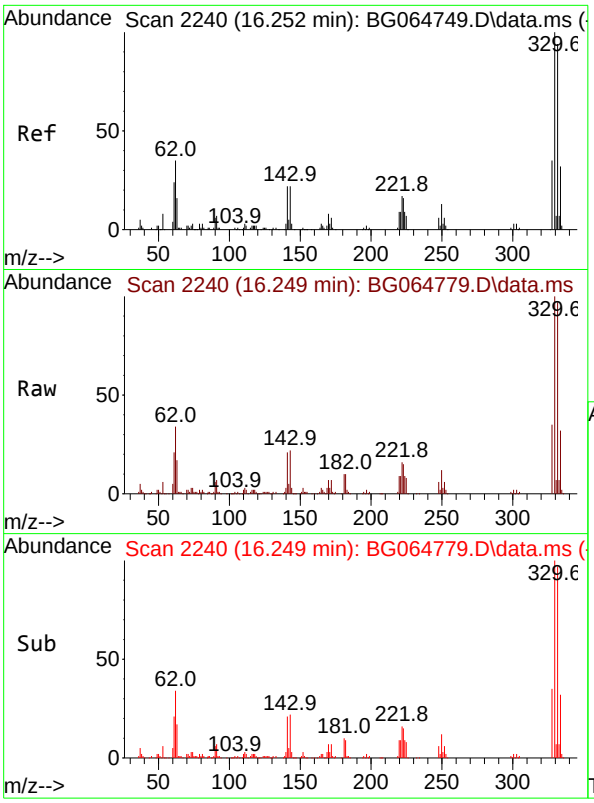


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:164 Resp: 132917

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.8	119.6
160	42.7	34.9	52.3



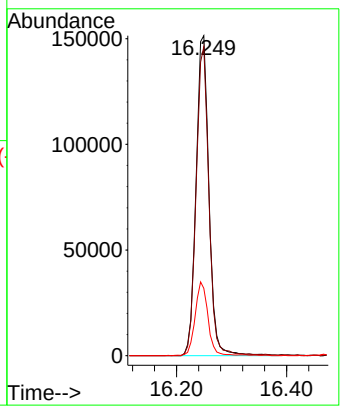


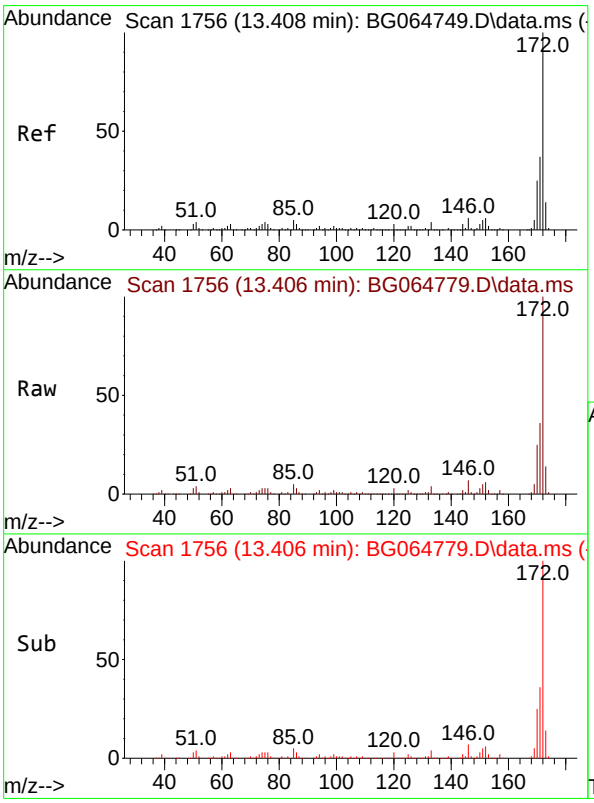
#42
2,4,6-Tribromophenol
Concen: 95.304 ng
RT: 16.249 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 247057

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	22.8	18.2	27.2

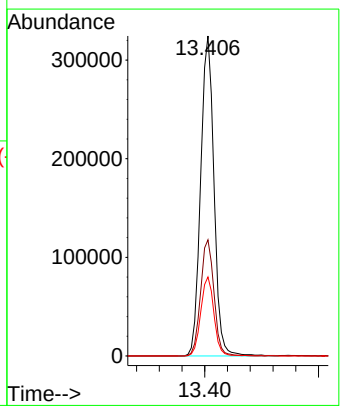


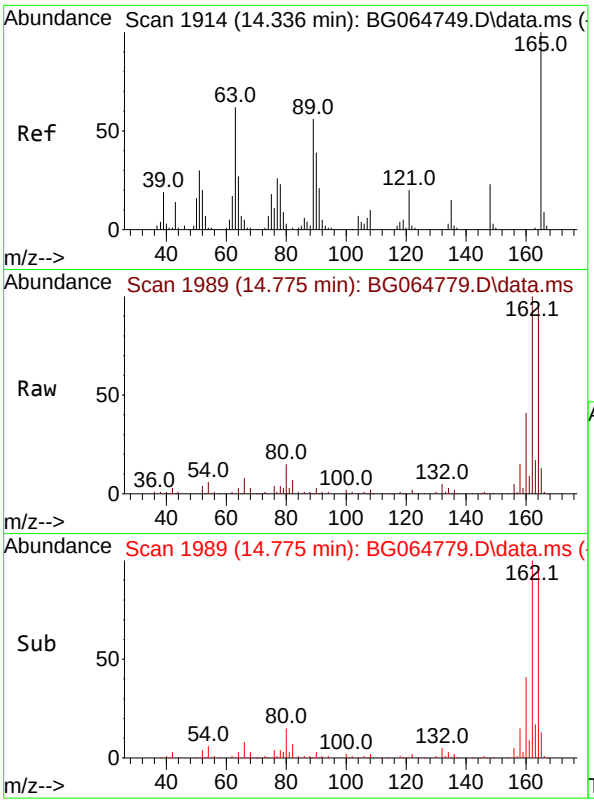


#45
2-Fluorobiphenyl
Concen: 55.512 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:172 Resp: 528794

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	24.7	19.8	29.6



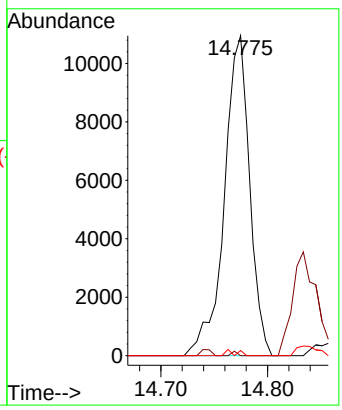


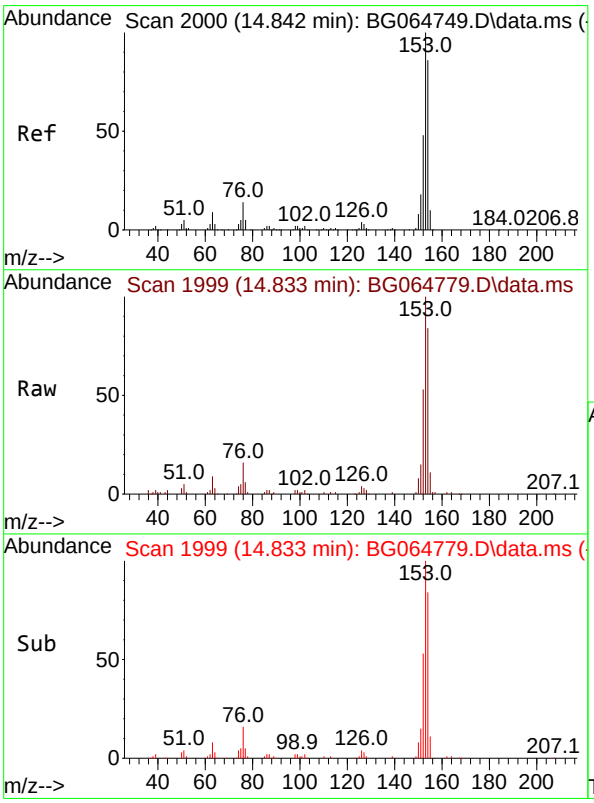
#51
2,6-Dinitrotoluene
Concen: 8.957 ng
RT: 14.775 min Scan# 1
Delta R.T. 0.438 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18096

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.8	74.8#
89	1.6	45.0	67.4#

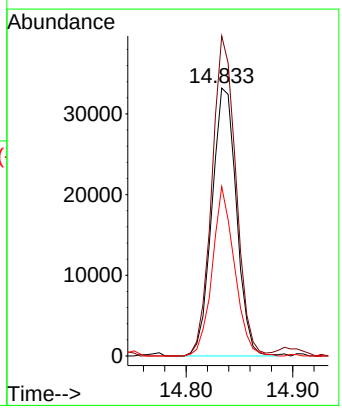


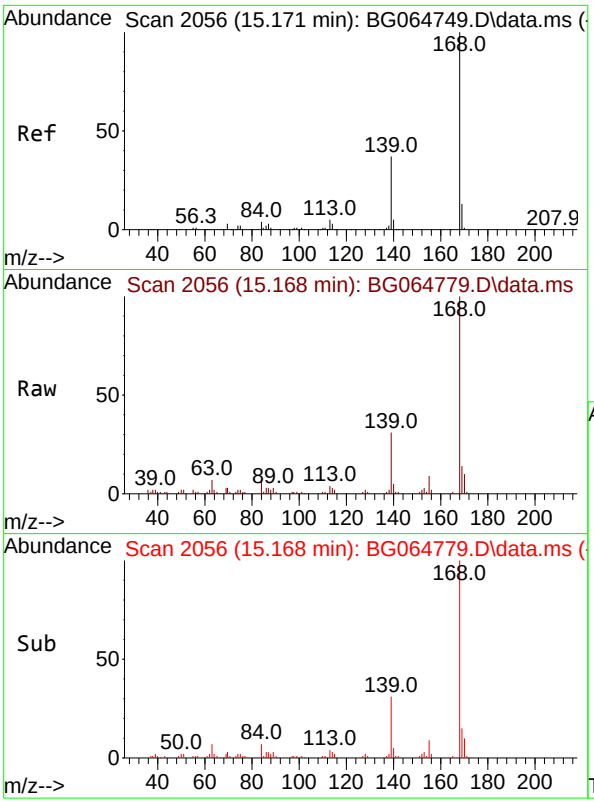


#52
Acenaphthene
Concen: 6.896 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:154 Resp: 53130

Ion	Ratio	Lower	Upper
154	100		
153	119.5	93.0	139.4
152	63.2	44.4	66.6



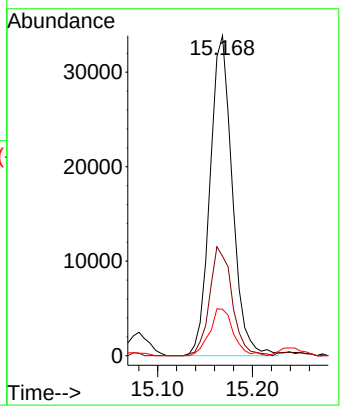


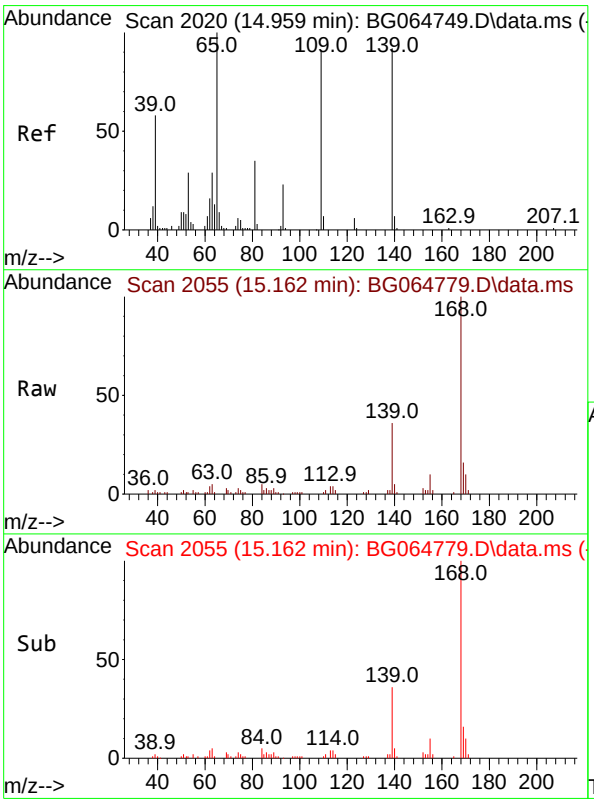
#55
Dibenzofuran
Concen: 4.340 ng
RT: 15.168 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 55282

Ion	Ratio	Lower	Upper
168	100		
139	31.1	29.5	44.3
169	14.5	10.4	15.6

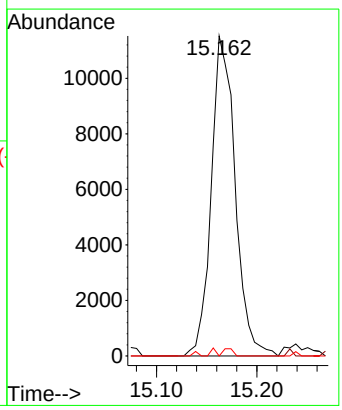


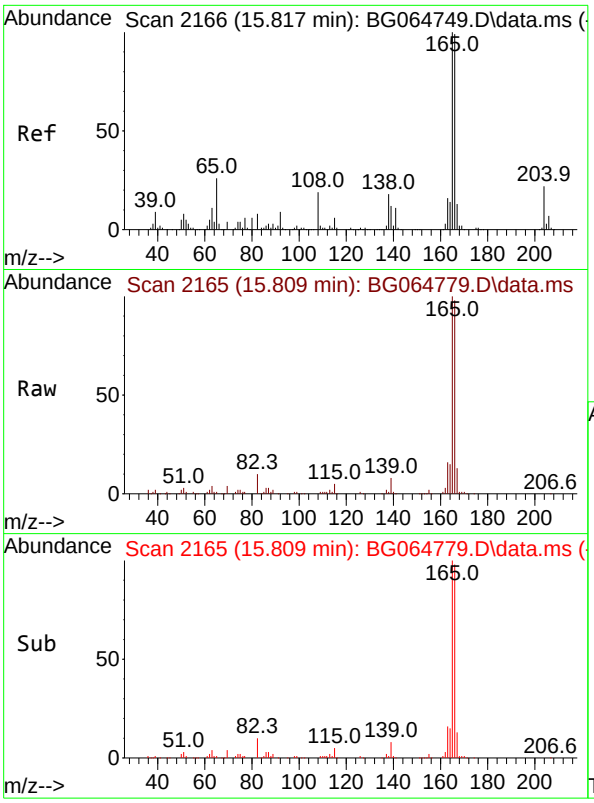


#56
4-Nitrophenol
Concen: 12.037 ng
RT: 15.162 min Scan# 2055
Delta R.T. 0.203 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:139 Resp: 19044

Ion	Ratio	Lower	Upper
139	100		
109	0.0	79.7	119.7#
65	0.0	89.9	129.9#



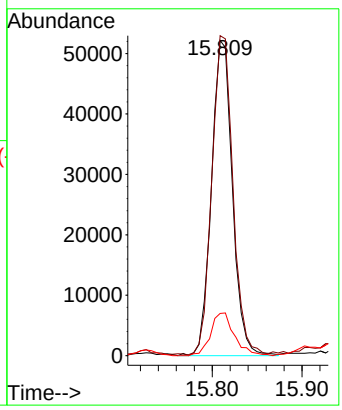


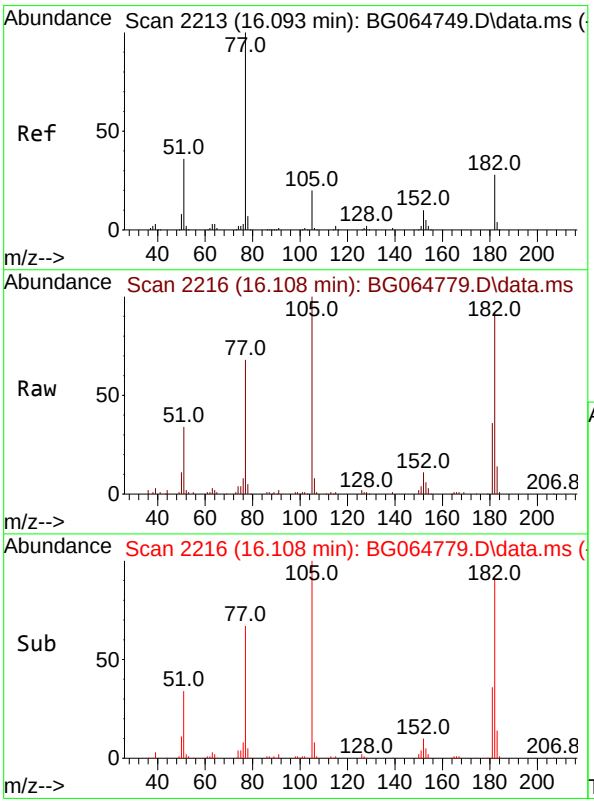
#58
Fluorene
Concen: 8.456 ng
RT: 15.809 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 84472

Ion	Ratio	Lower	Upper
166	100		
165	101.5	80.5	120.7
167	13.4	10.3	15.5

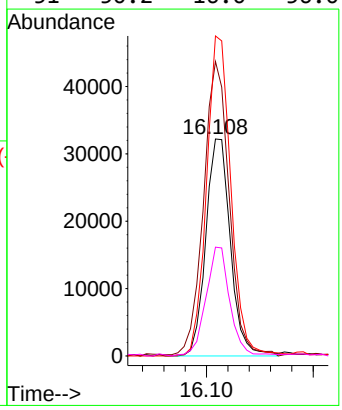


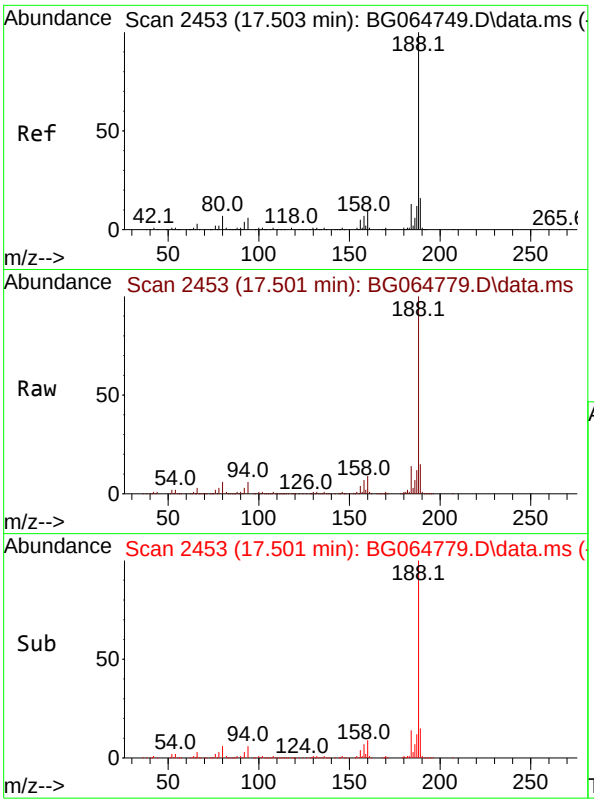


#63
Azobenzene
Concen: 6.169 ng
RT: 16.108 min Scan# 2216
Delta R.T. 0.015 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion: 77 Resp: 51610

Ion	Ratio	Lower	Upper
77	100		
182	135.7	8.1	48.1#
105	147.5	0.1	40.1#
51	50.2	16.0	56.0



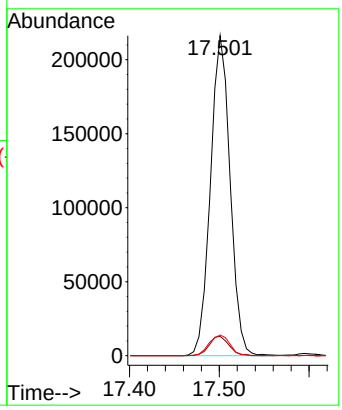


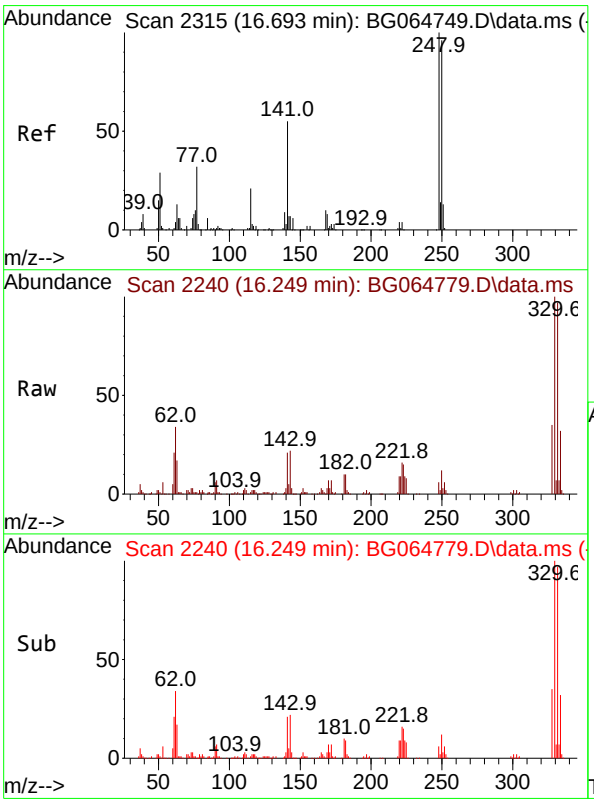
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 328798

Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.7	7.1
80	6.5	5.4	8.2

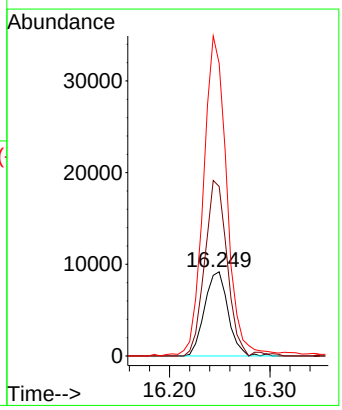


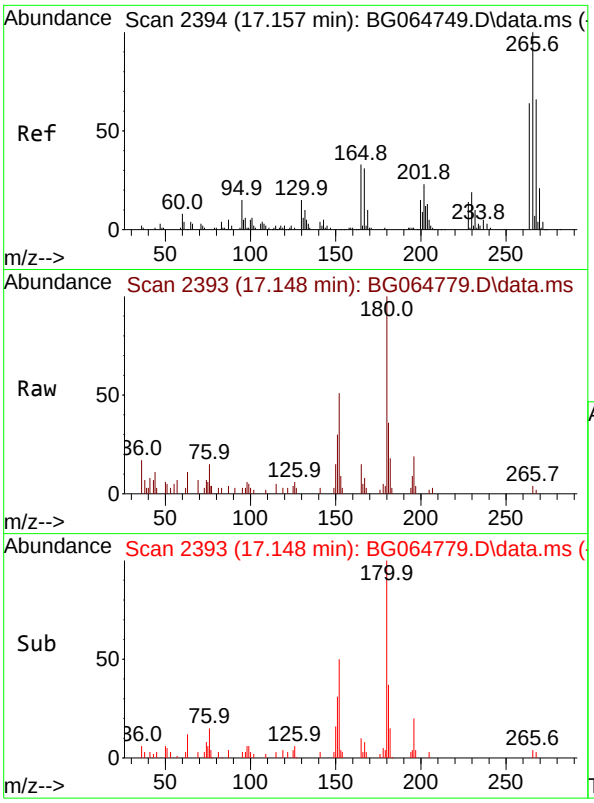


#67
4-Bromophenyl-phenylether
Concen: 3.457 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.443 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:248 Resp: 14928

Ion	Ratio	Lower	Upper
248	100		
250	191.2	77.0	115.6#
141	263.8	43.7	65.5#



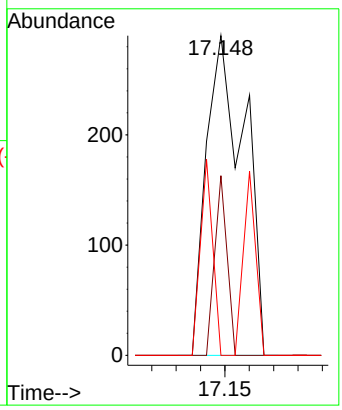


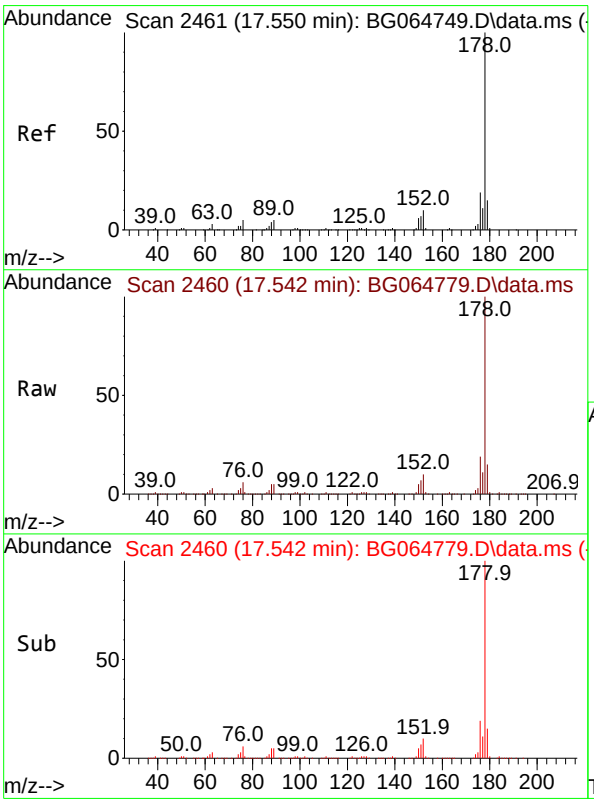
#70
Pentachlorophenol
Concen: 6.237 ng
RT: 17.148 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:266 Resp: 314

Ion	Ratio	Lower	Upper
266	100		
268	56.2	56.1	84.1
264	0.0	51.2	76.8#

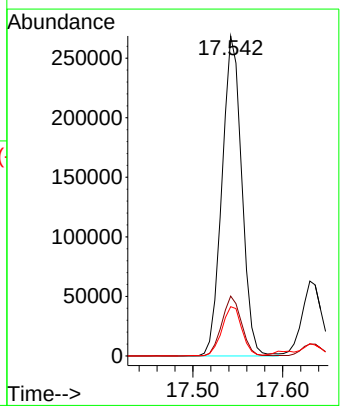


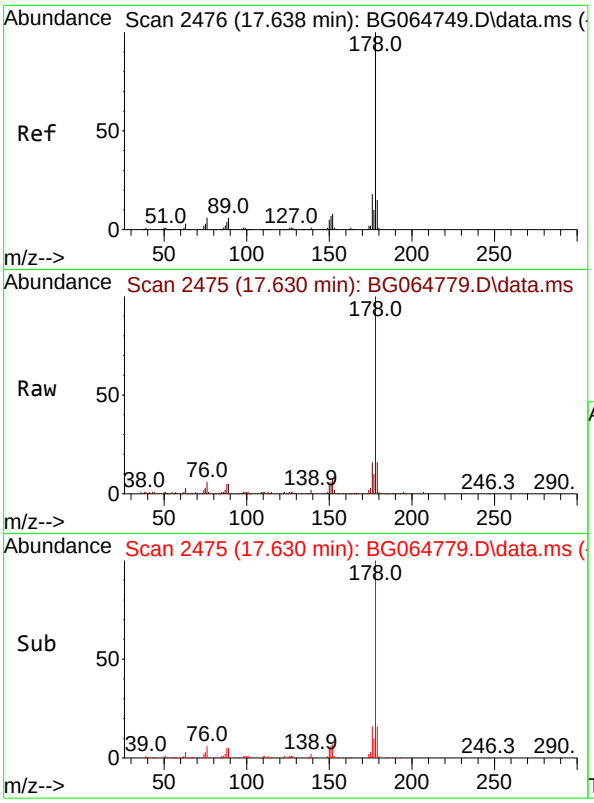


#71
Phenanthrene
Concen: 22.846 ng
RT: 17.542 min Scan# 2460
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:178 Resp: 410998

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.4	12.2	18.4



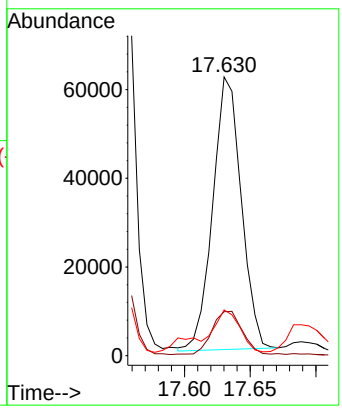


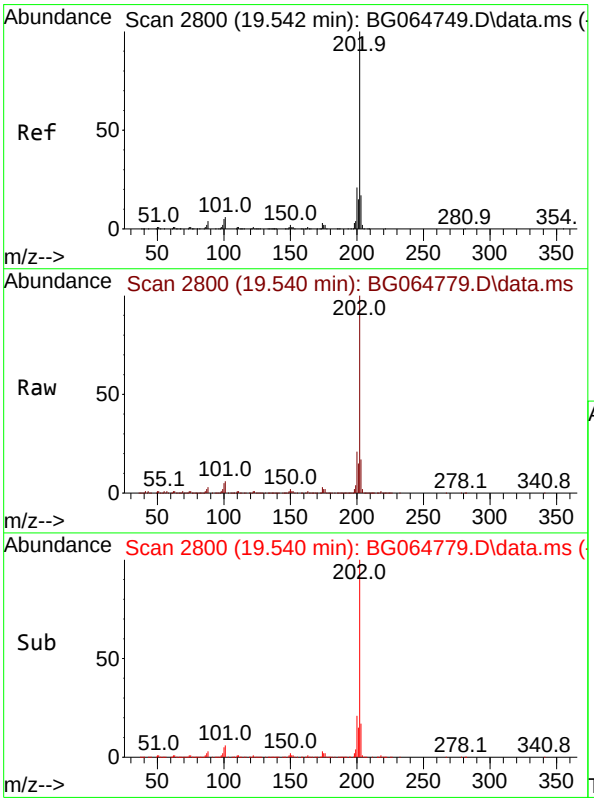
#72
Anthracene
Concen: 5.066 ng
RT: 17.630 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 92920

Ion	Ratio	Lower	Upper
178	100		
176	15.8	14.5	21.7
179	16.4	12.2	18.4

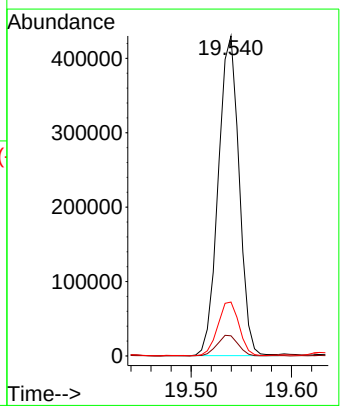


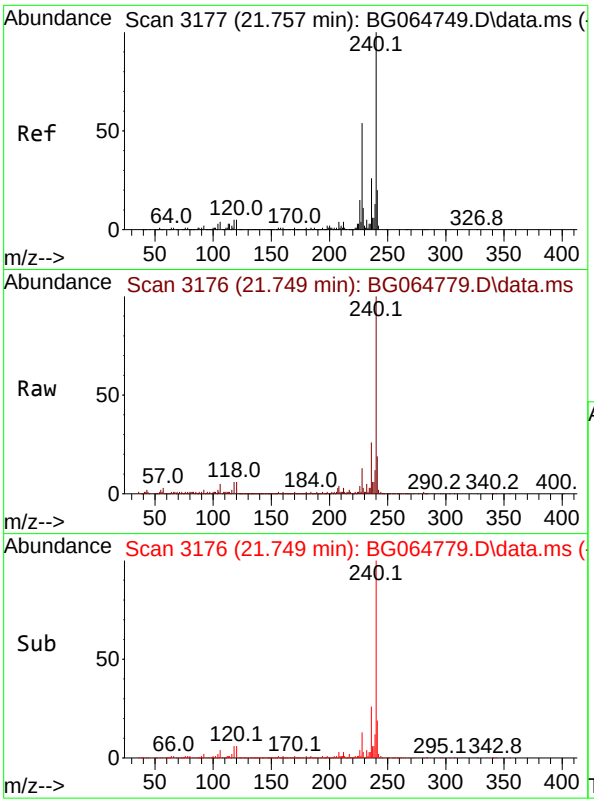


#75
Fluoranthene
Concen: 25.100 ng
RT: 19.540 min Scan# 2800
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:202 Resp: 617445

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	26.4
203	16.9	0.0	37.5



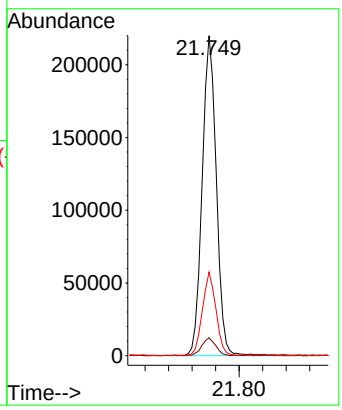


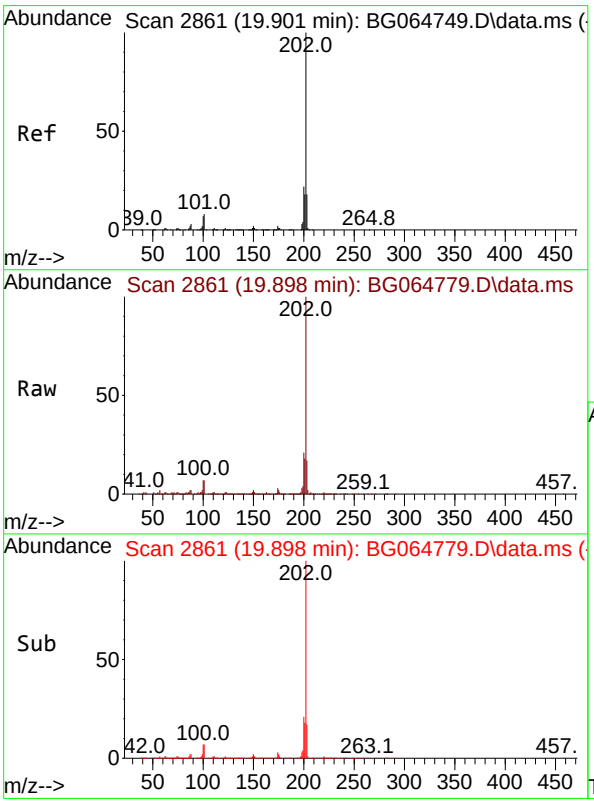
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 367378

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.2	6.4
236	26.1	20.8	31.2

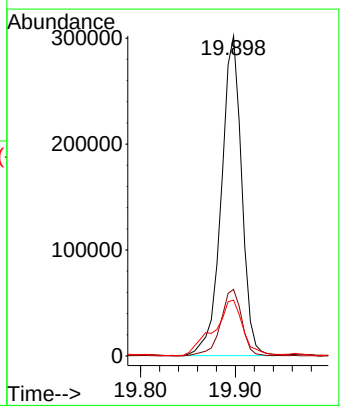


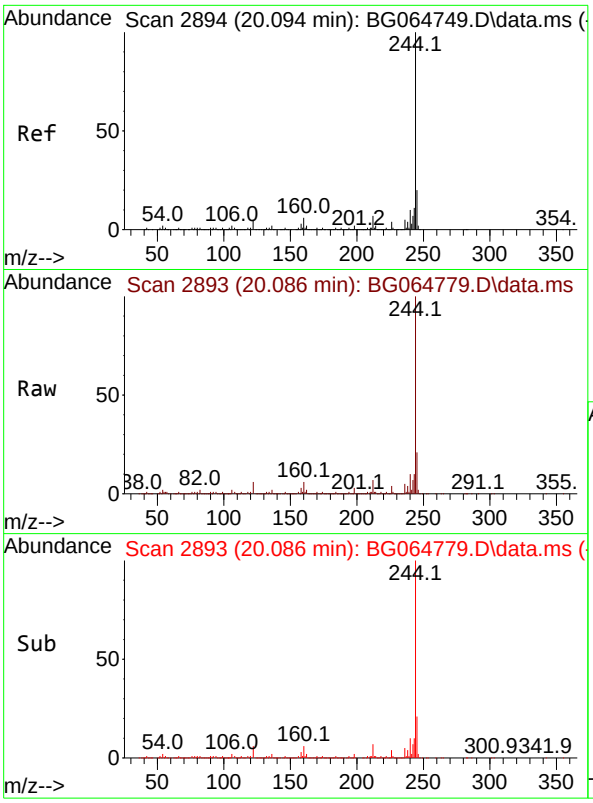


#78
Pyrene
Concen: 21.905 ng
RT: 19.898 min Scan# 2861
Delta R.T. -0.002 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:202 Resp: 451022

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.9	26.9
203	17.5	14.0	21.0



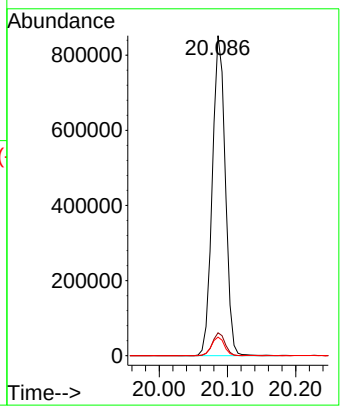


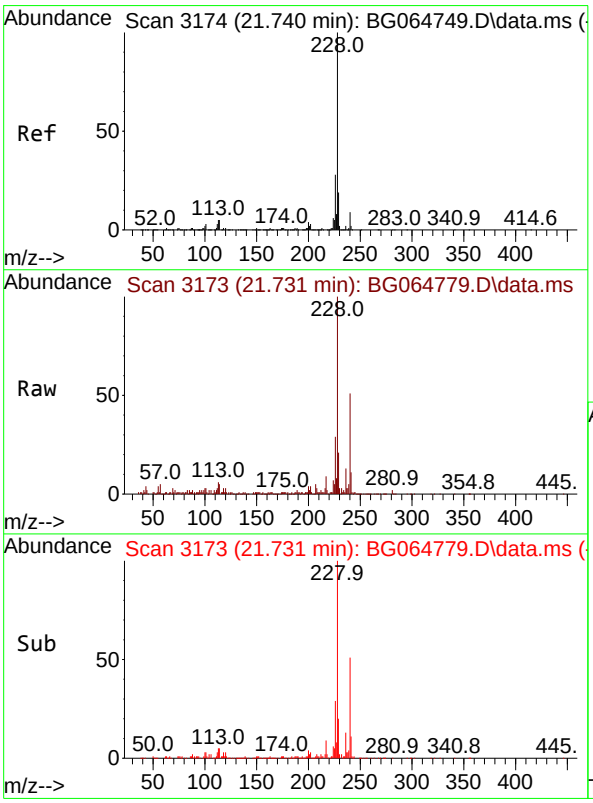
#79
Terphenyl-d14
Concen: 60.401 ng
RT: 20.086 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1128054

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	5.8	4.3	6.5

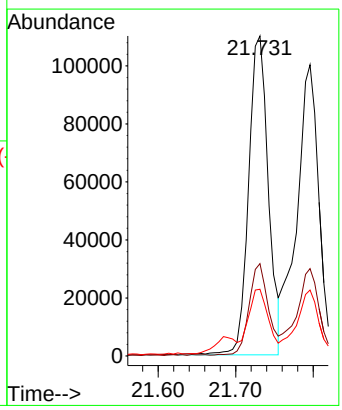


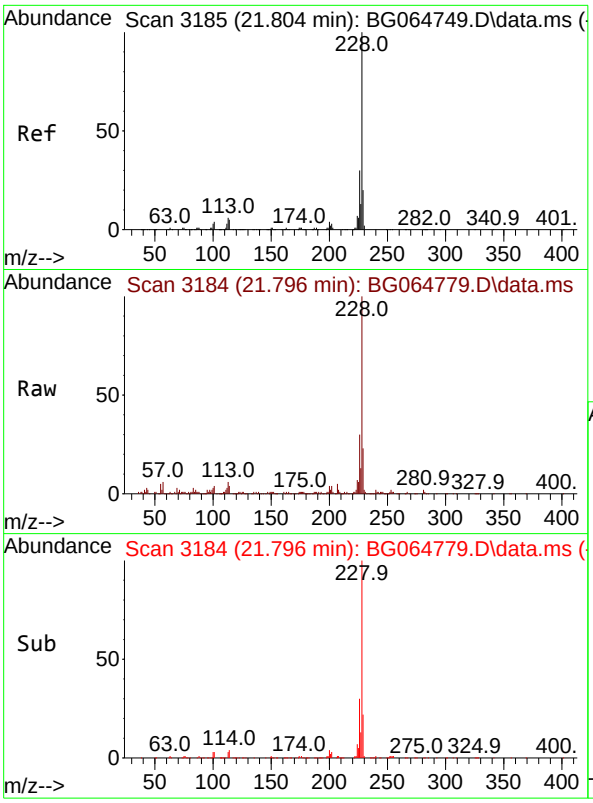


#81
Benzo(a)anthracene
Concen: 7.771 ng
RT: 21.731 min Scan# 3173
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:228 Resp: 194132

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.1	33.1
229	20.9	15.5	23.3



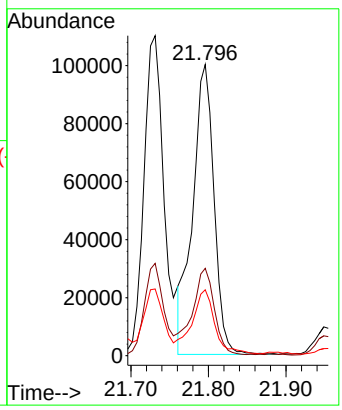


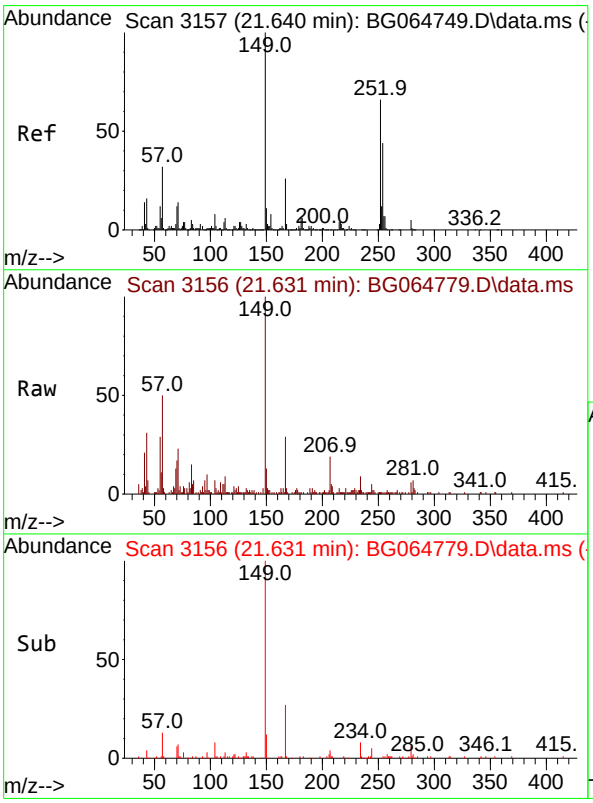
#83
Chrysene
Concen: 8.120 ng
RT: 21.796 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 191235

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	22.6	16.0	24.0

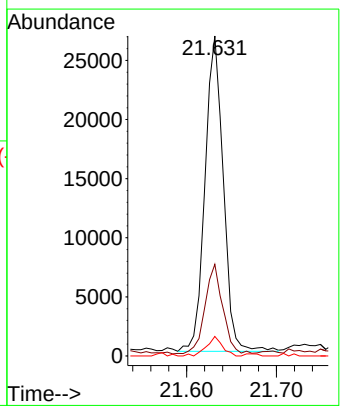


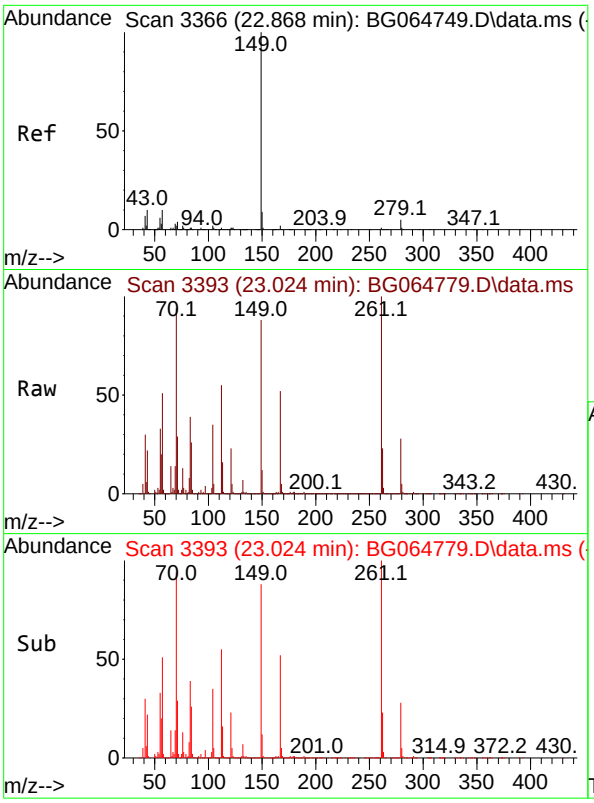


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.578 ng
RT: 21.631 min Scan# 3156
Delta R.T. -0.008 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:149 Resp: 37866

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.0	31.4
279	6.1	4.1	6.1



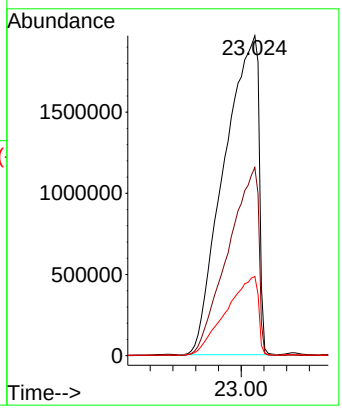


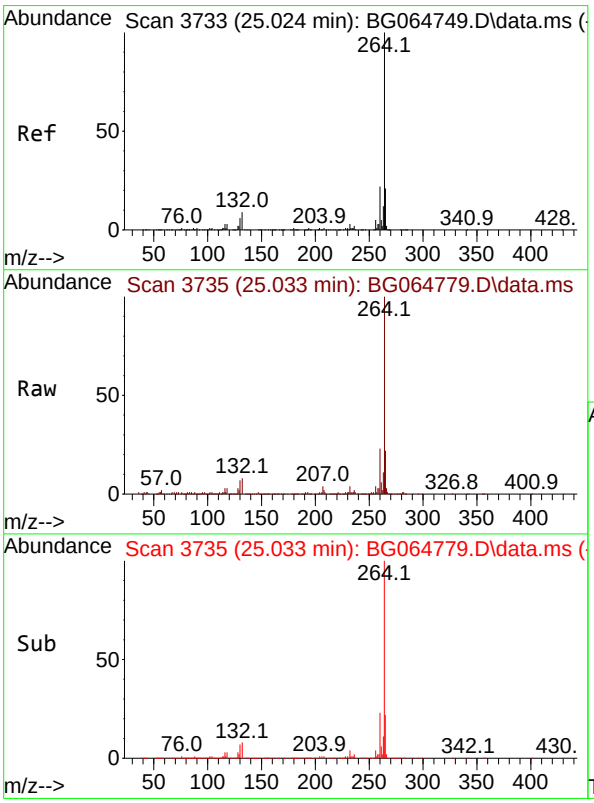
#85
Di-n-octyl phthalate
Concen: 454.592 ng
RT: 23.024 min Scan# 3
Delta R.T. 0.156 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 8315960

Ion	Ratio	Lower	Upper
149	100		
167	52.3	1.2	1.8#
43	22.9	8.3	12.5#

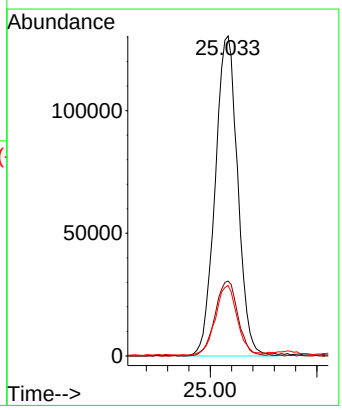


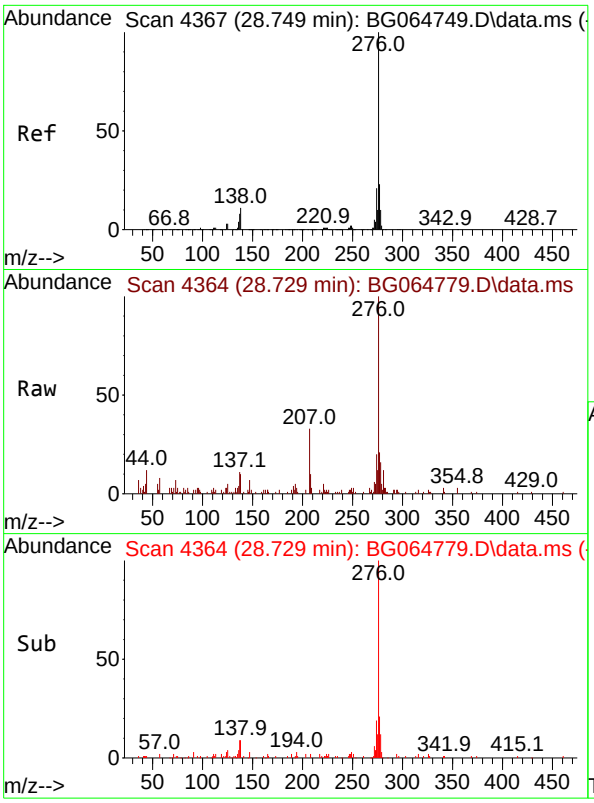


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.033 min Scan# 3735
Delta R.T. 0.009 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:264 Resp: 383007

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.2	25.8
265	22.0	16.6	25.0



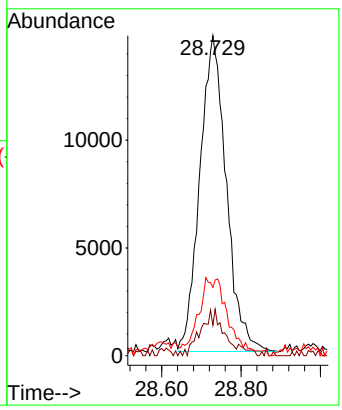


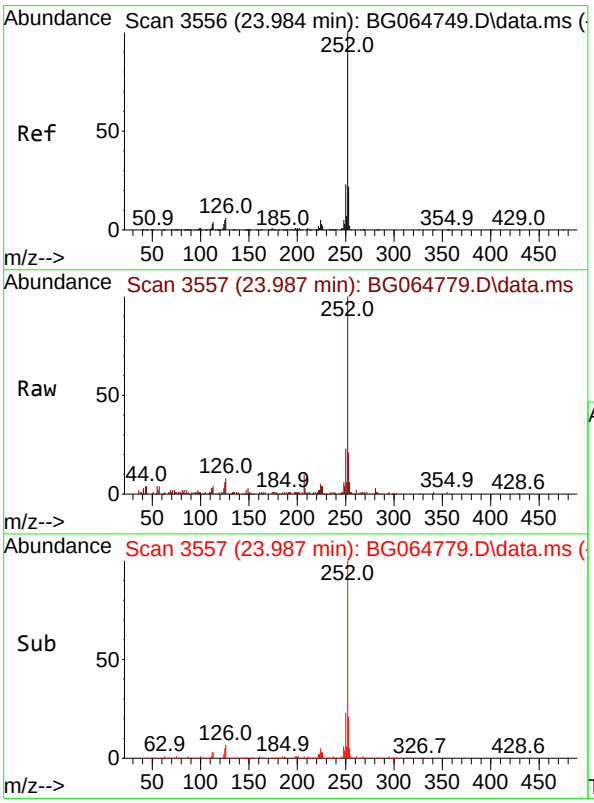
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.582 ng
RT: 28.729 min Scan# 4
Delta R.T. -0.020 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 67935

Ion	Ratio	Lower	Upper
276	100		
138	6.9	4.5	6.7#
277	11.3	20.0	30.0#

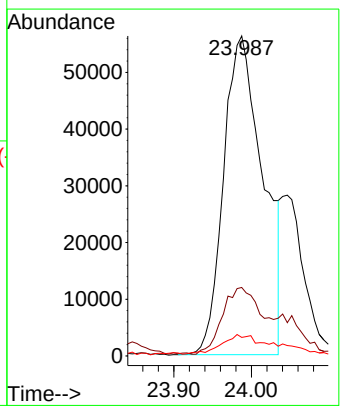


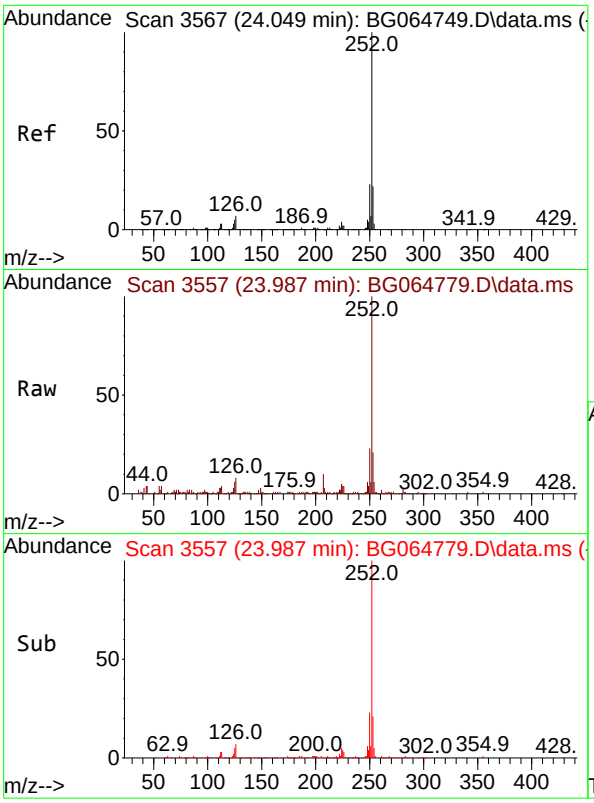


#88
Benzo(b)fluoranthene
Concen: 8.159 ng
RT: 23.987 min Scan# 3557
Delta R.T. 0.003 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:252 Resp: 198857

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	5.8	4.2	6.2



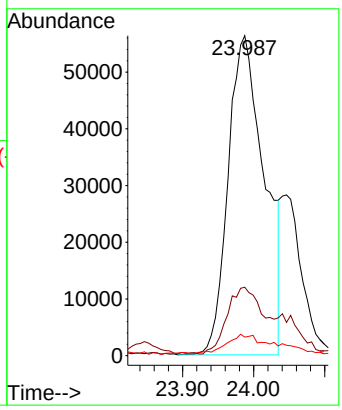


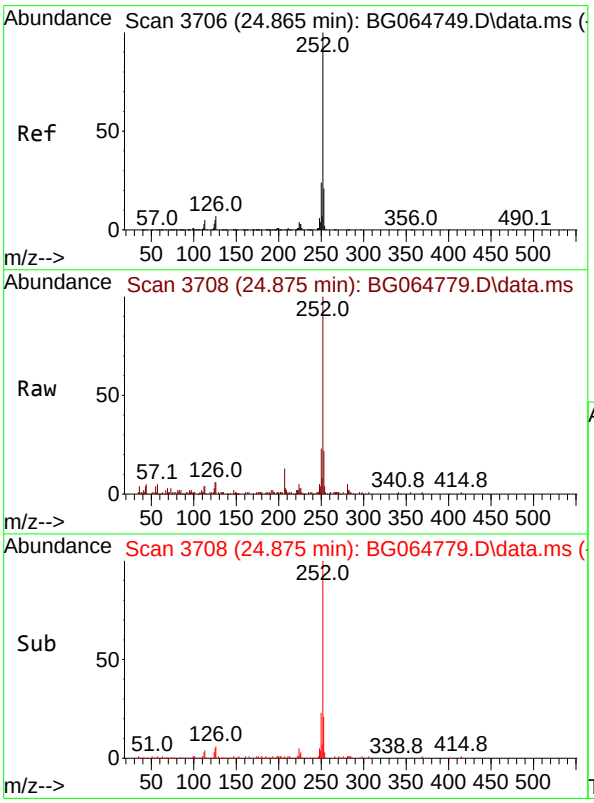
#89
Benzo(k)fluoranthene
Concen: 8.142 ng
RT: 23.987 min Scan# 3
Delta R.T. -0.061 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 199368

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	5.8	4.1	6.1

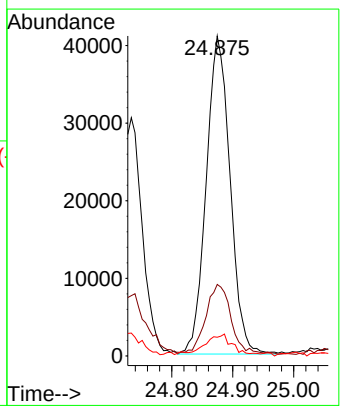


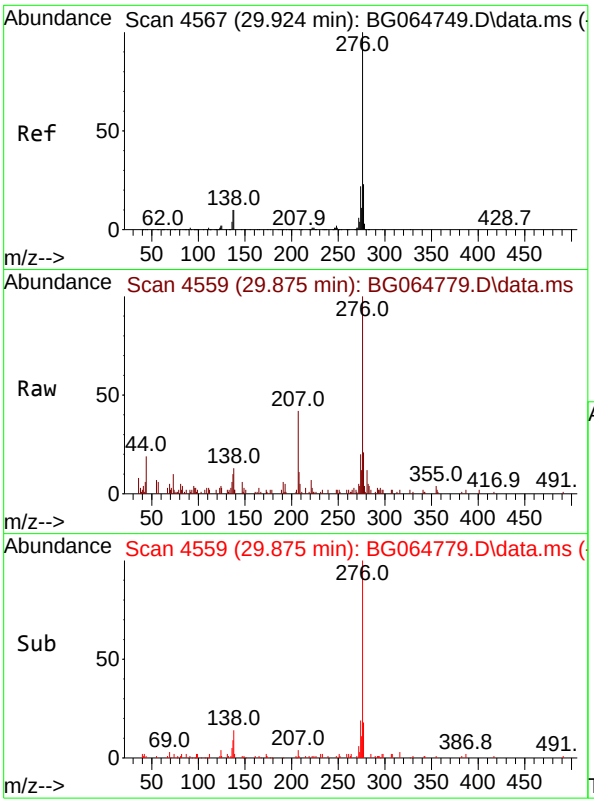


#90
Benzo(a)pyrene
Concen: 4.941 ng
RT: 24.875 min Scan# 3708
Delta R.T. 0.009 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Tgt Ion:252 Resp: 111725

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.9	25.3
125	5.9	4.2	6.4





#92
Benzo(g,h,i)perylene
Concen: 3.077 ng
RT: 29.875 min Scan# 4
Delta R.T. -0.049 min
Lab File: BG064779.D
Acq: 14 Nov 2025 14:38

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 63841

Ion	Ratio	Lower	Upper
276	100		
277	20.8	18.0	27.0
138	15.2	8.2	12.2#