Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064722.D
Acq On : 7 Nov 2025 18:56
Operator : RC/JU
Sample : Q3577-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-1A

Quant Time: Nov 08 00:59:15 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	8.198	152	36777	20.000	ng	-0.02
21) Naphthalene-d8	11.024	136	144445	20.000	ng	#-0.02
39) Acenaphthene-d10	14.820	164	121607	20.000	ng	-0.02
64) Phenanthrene-d10	17.558	188	293877	20.000	ng	-0.02
76) Chrysene-d12	21.829	240	363424	20.000	ng	#-0.03
86) Perylene-d12	25.149	264	406985	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	141324	64.500	ng	-0.02
7) Phenol-d6	7.335	99	164359	54.666	ng	-0.02
23) Nitrobenzene-d5	9.362	82	106205	44.162	ng	-0.02
42) 2,4,6-Tribromophenol	16.301	330	127878	72.859	ng	-0.02
45) 2-Fluorobiphenyl	13.451	172	291911	36.385	ng	-0.02
79) Terphenyl-d14	20.149	244	667434	34.658	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.599	178	62706	3.902	ng	95
75) Fluoranthene	19.597	202	143068	7.106	ng	97
78) Pyrene	19.955	202	135463	5.705	ng	98
81) Benzo(a)anthracene	21.806	228	73657	3.057	ng	98
83) Chrysene	21.871	228	72517	3.163	ng	97
88) Benzo(b)fluoranthene	24.097	252	92338	3.700	ng	98
90) Benzo(a)pyrene	24.990	252	71076	3.098	ng	99

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

Quantitation Report (LSC Reviewed)

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Acq On : 7 Nov 2025 18:56
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Sample : Q3577-01
Misc :
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QLast Update : Mon Nov 03 18:16:26 2025
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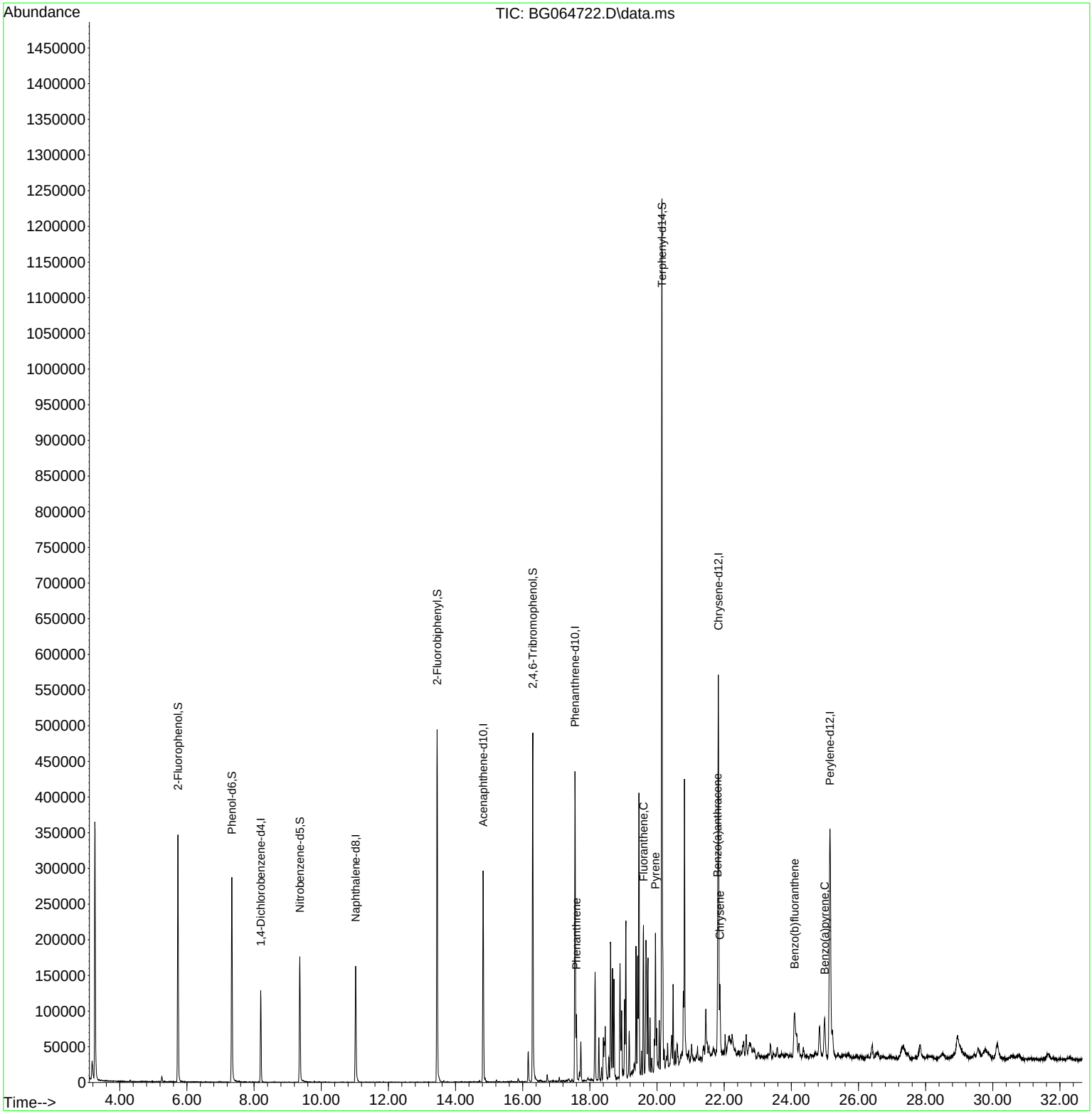
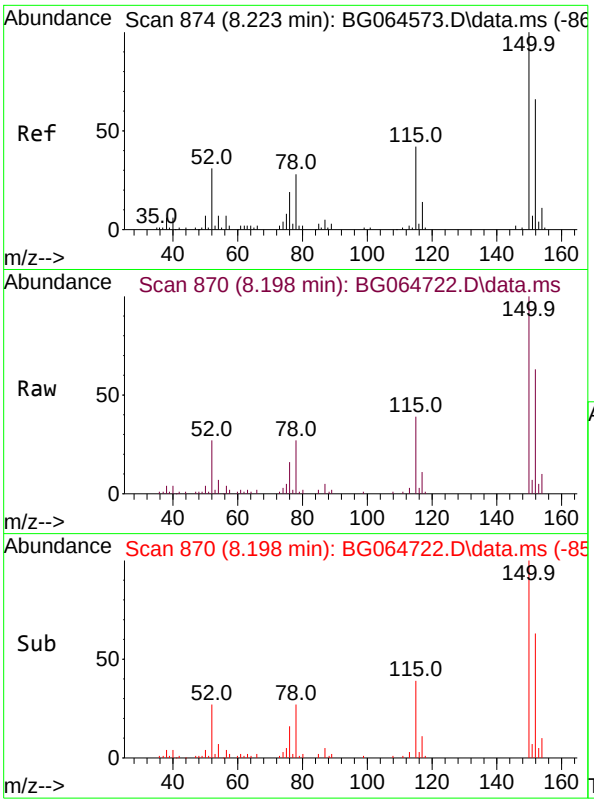


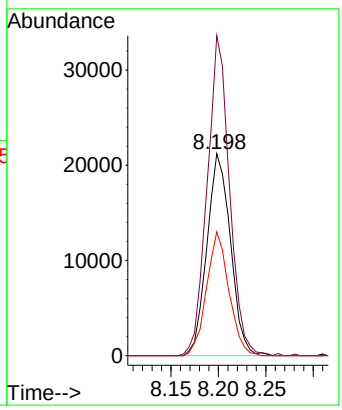


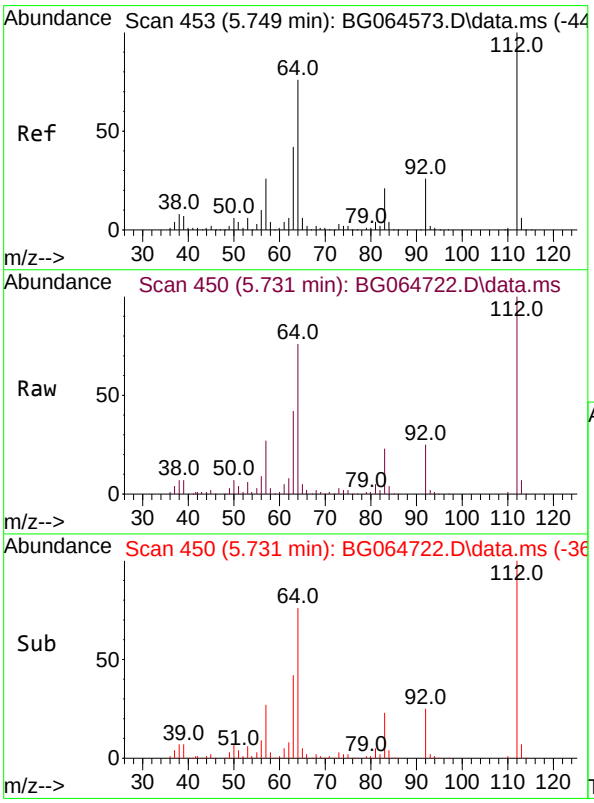
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.198 min Scan# 8
Delta R.T. -0.025 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion:152 Resp: 36777

Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.2	183.4
115	61.3	50.8	76.2

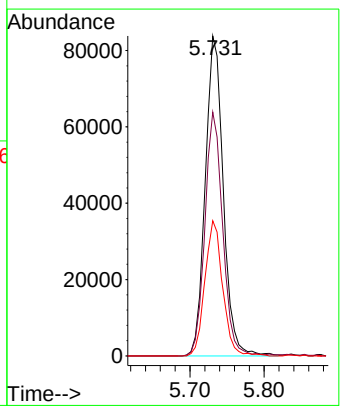


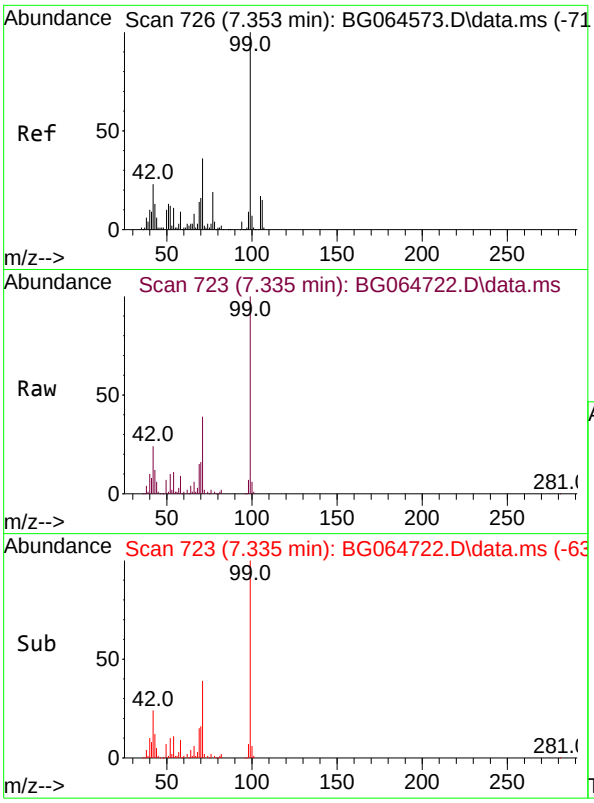


#5
2-Fluorophenol
Concen: 64.500 ng
RT: 5.731 min Scan# 450
Delta R.T. -0.019 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Tgt Ion:112 Resp: 141324

Ion	Ratio	Lower	Upper
112	100		
64	76.2	60.7	91.1
63	42.2	33.4	50.0



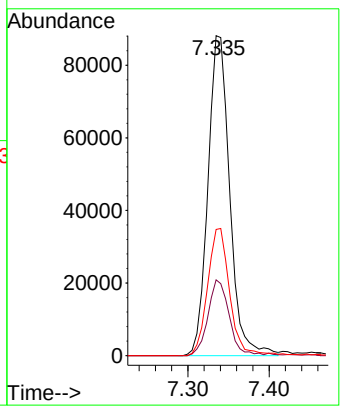


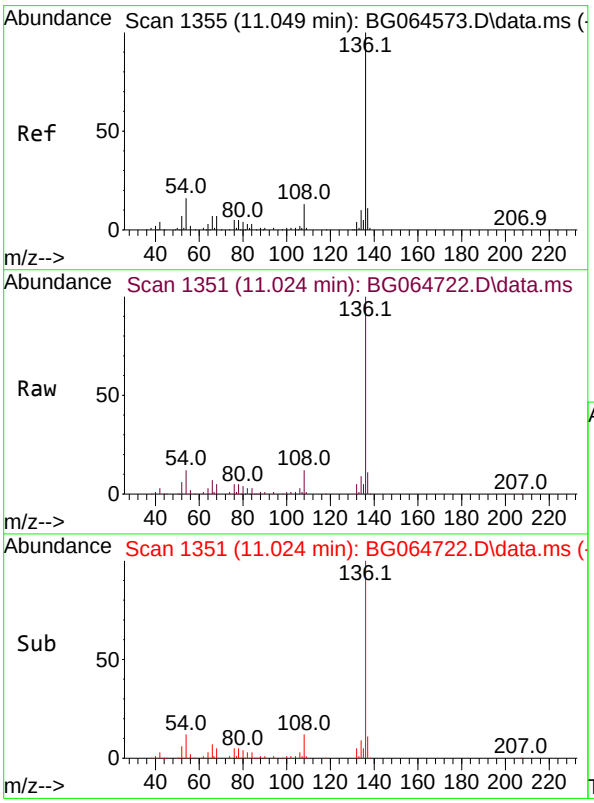
#7
Phenol-d6
Concen: 54.666 ng
RT: 7.335 min Scan# 7
Delta R.T. -0.019 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion: 99 Resp: 164359

Ion	Ratio	Lower	Upper
99	100		
42	23.7	18.3	27.5
71	39.5	28.6	43.0

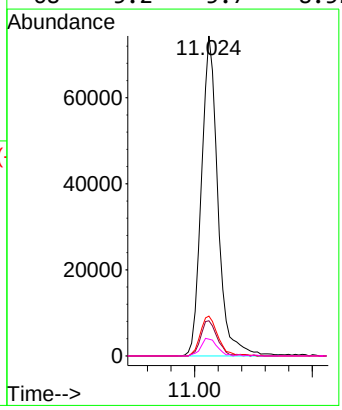


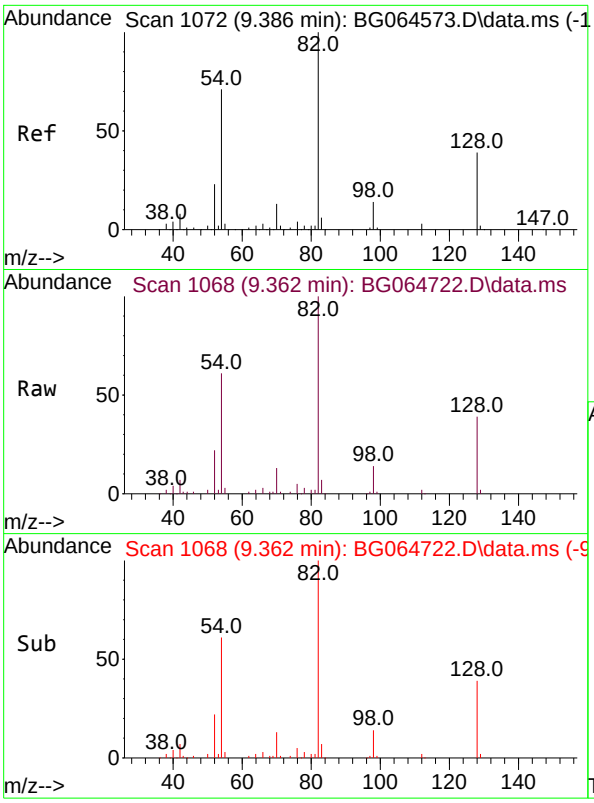


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.024 min Scan# 1351
Delta R.T. -0.025 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Tgt Ion:136 Resp: 144445

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	12.4	12.6	19.0#
68	5.2	5.7	8.5#



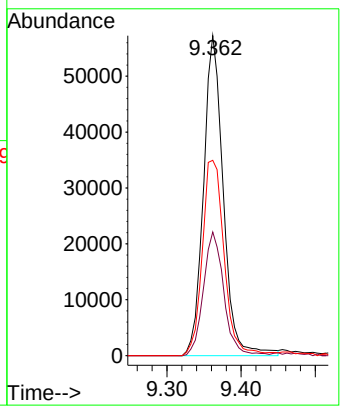


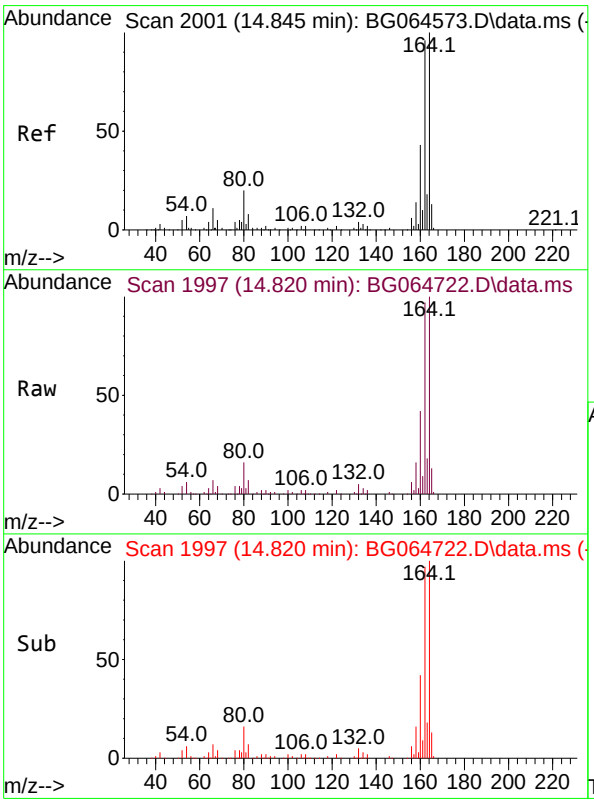
#23
Nitrobenzene-d5
Concen: 44.162 ng
RT: 9.362 min Scan# 10
Delta R.T. -0.025 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion: 82 Resp: 106205

Ion	Ratio	Lower	Upper
82	100		
128	38.6	31.3	46.9
54	61.0	56.6	84.8

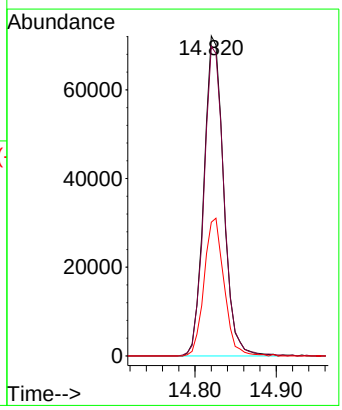


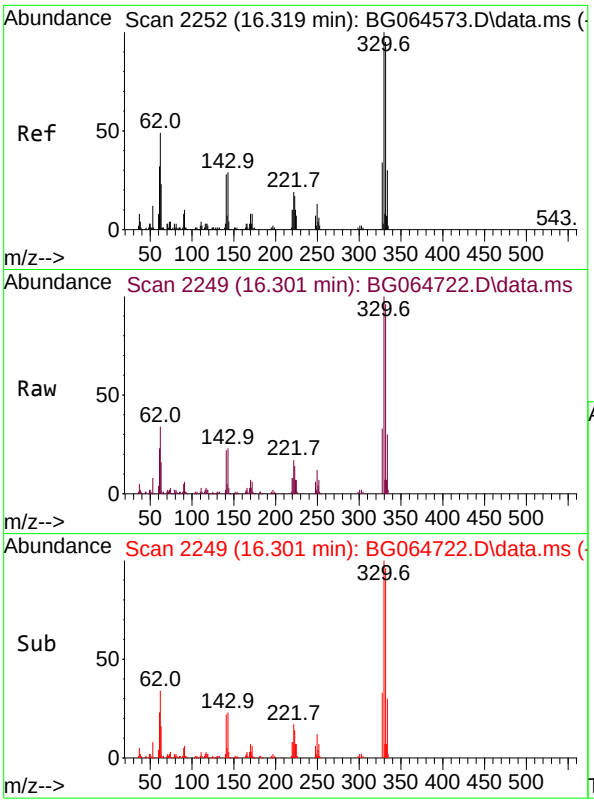


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.820 min Scan# 1997
Delta R.T. -0.025 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Tgt Ion:164 Resp: 121607

Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.0	115.6
160	41.8	34.4	51.6



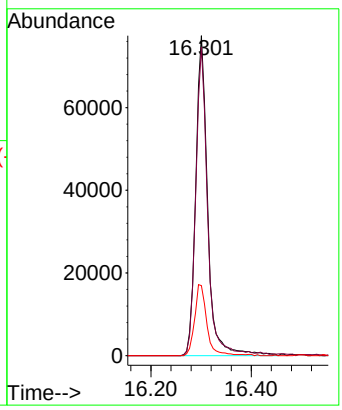


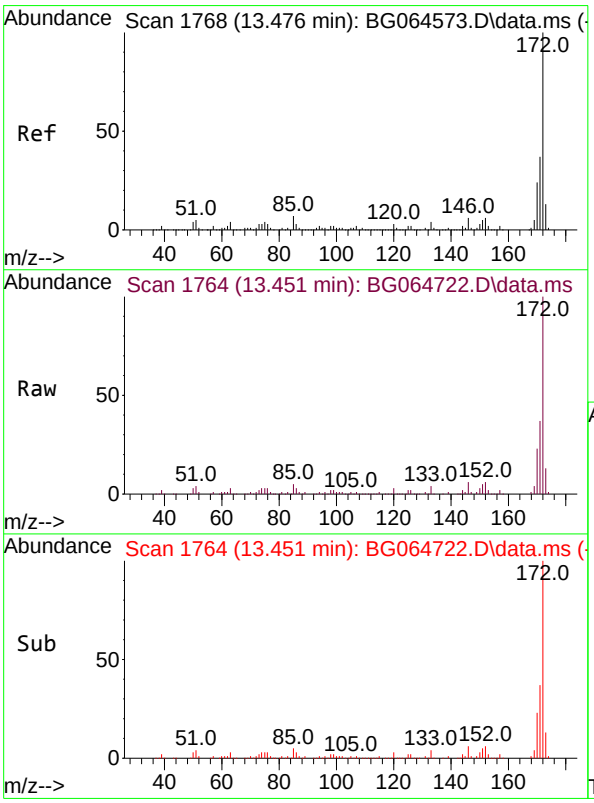
#42
2,4,6-Tribromophenol
Concen: 72.859 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.019 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion:330 Resp: 127878

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	22.5	21.8	32.6

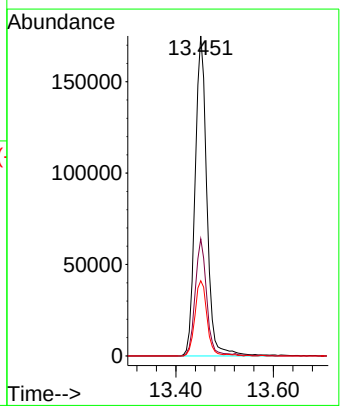


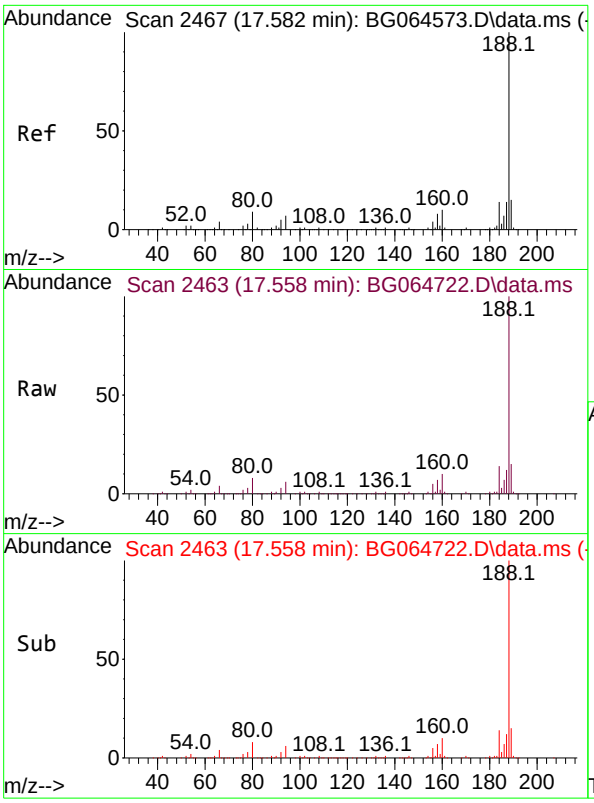


#45
2-Fluorobiphenyl
Concen: 36.385 ng
RT: 13.451 min Scan# 1764
Delta R.T. -0.025 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Tgt Ion:172 Resp: 291911

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	23.5	19.1	28.7



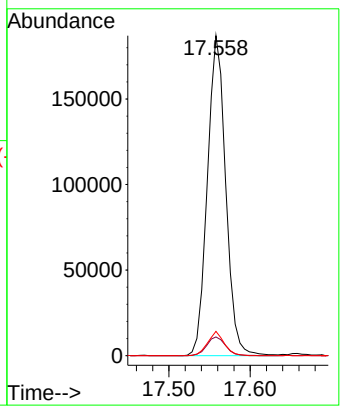


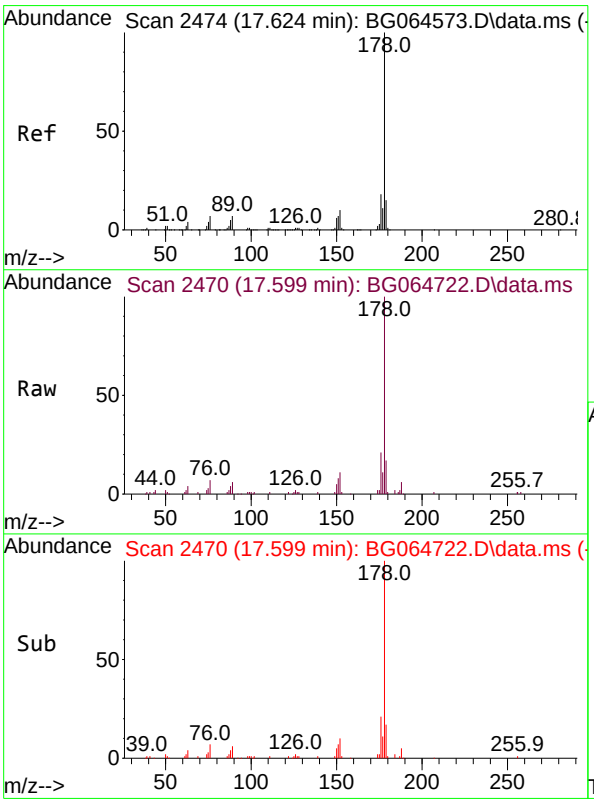
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.558 min Scan# 24
Delta R.T. -0.025 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion:188 Resp: 293877

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.6	6.8	10.2

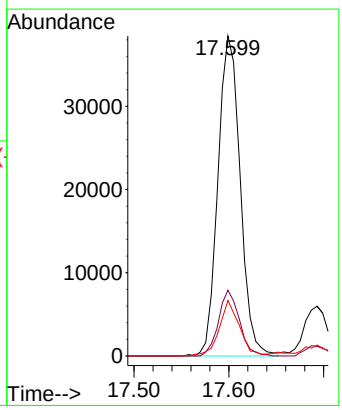


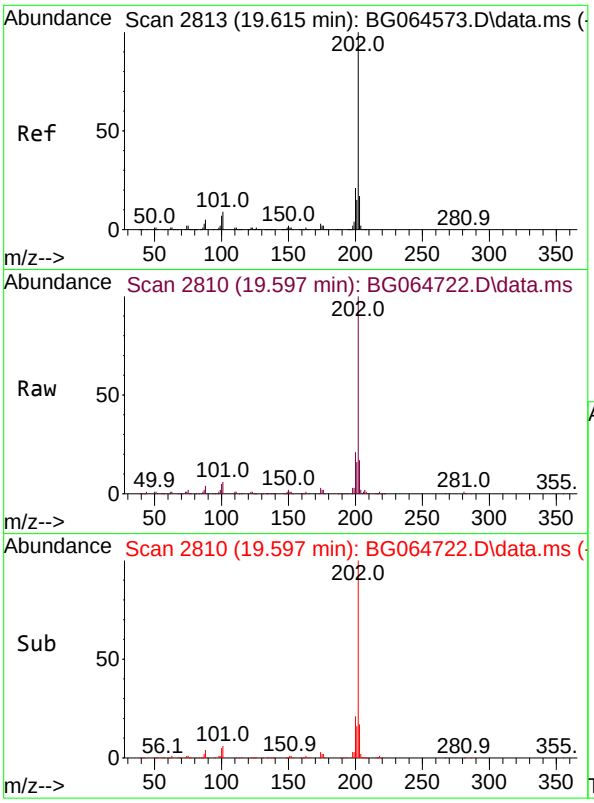


#71
Phenanthrene
Concen: 3.902 ng
RT: 17.599 min Scan# 2470
Delta R.T. -0.025 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Tgt Ion:178 Resp: 62706

Ion	Ratio	Lower	Upper
178	100		
176	20.5	14.7	22.1
179	17.4	12.2	18.4



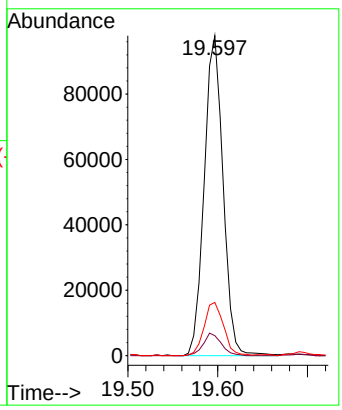


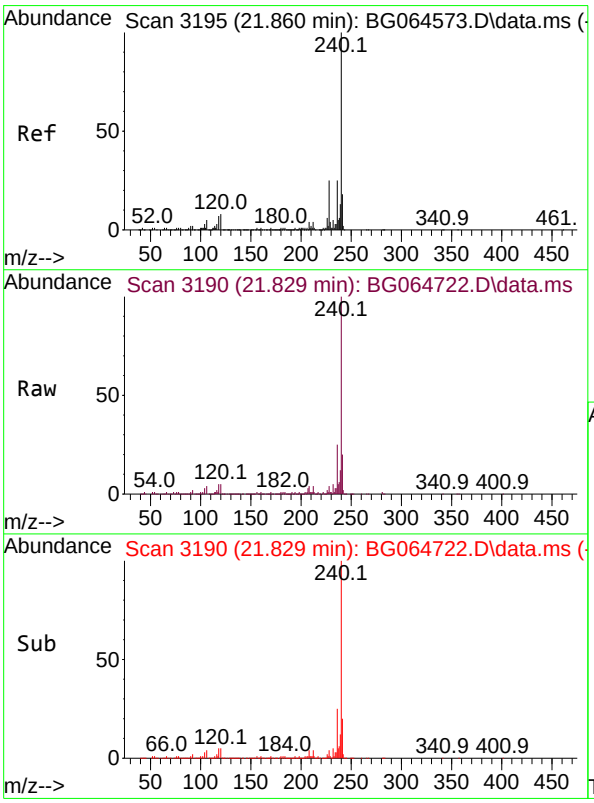
#75
Fluoranthene
Concen: 7.106 ng
RT: 19.597 min Scan# 28
Delta R.T. -0.019 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion:202 Resp: 143068

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	28.7
203	16.6	0.0	37.0

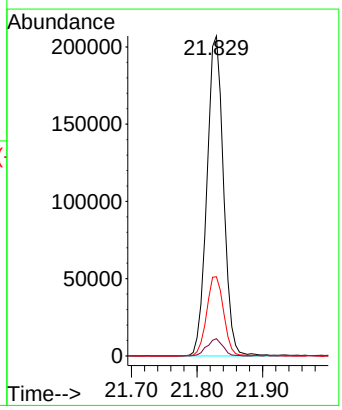


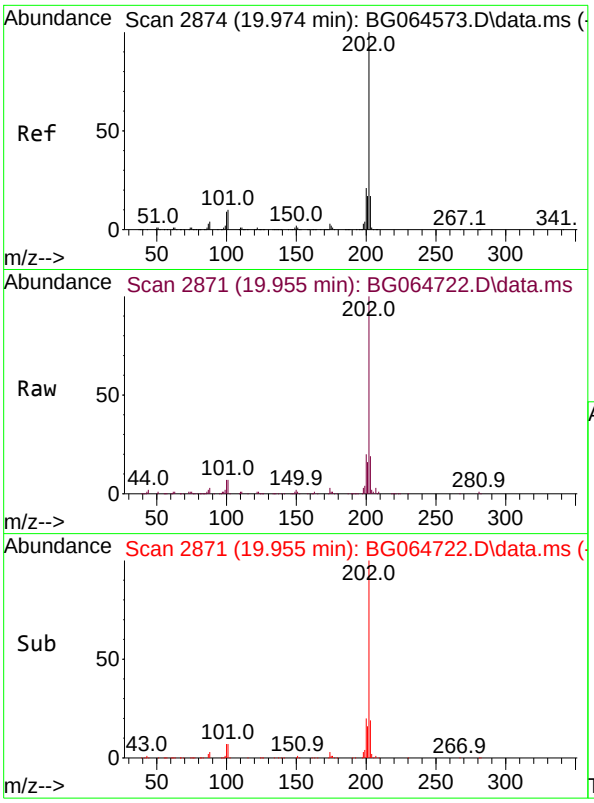


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.829 min Scan# 3190
Delta R.T. -0.030 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Tgt Ion:240 Resp: 363424

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.5	9.7#
236	24.7	20.2	30.2



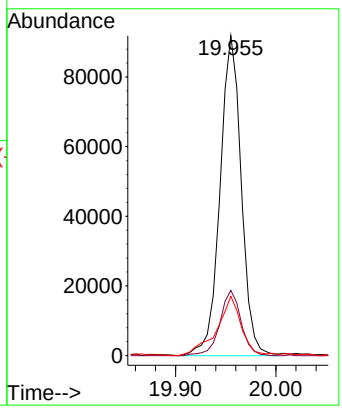


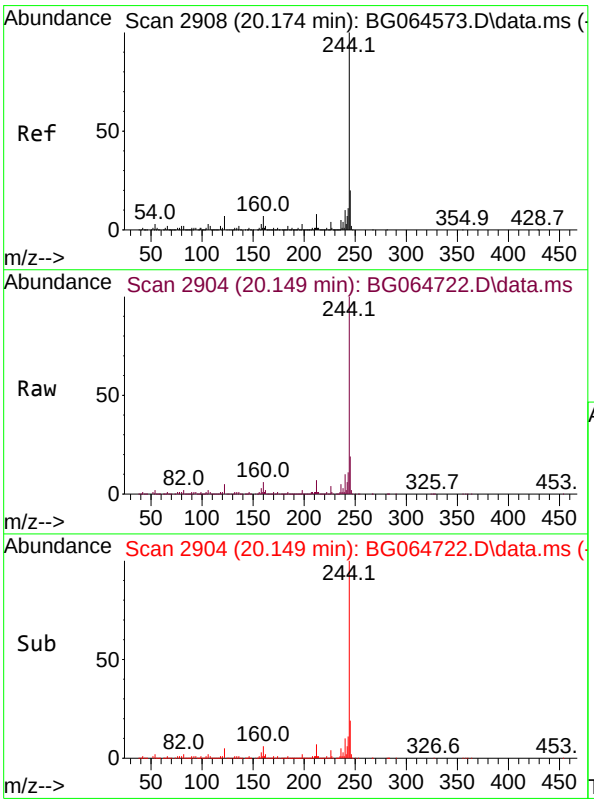
#78
Pyrene
Concen: 5.705 ng
RT: 19.955 min Scan# 2
Delta R.T. -0.019 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion:202 Resp: 135463

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	18.5	13.8	20.6

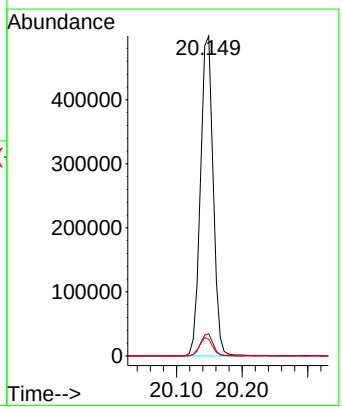


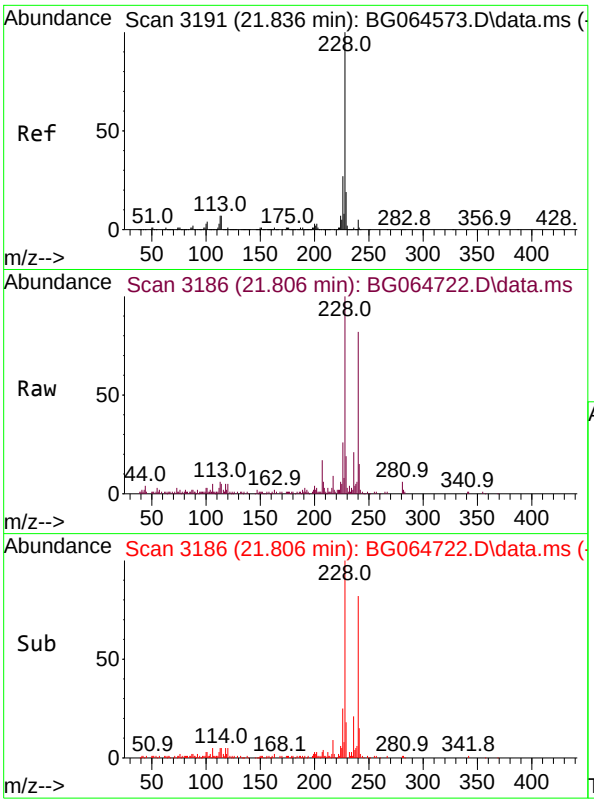


#79
Terphenyl-d14
Concen: 34.658 ng
RT: 20.149 min Scan# 2904
Delta R.T. -0.025 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Tgt Ion:244 Resp: 667434

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	5.2	5.6	8.4#



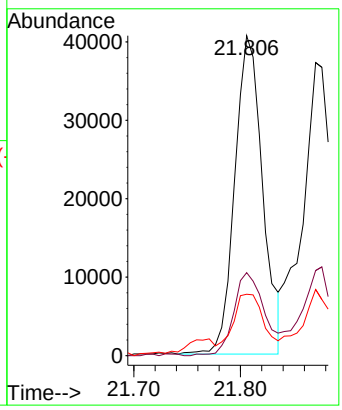


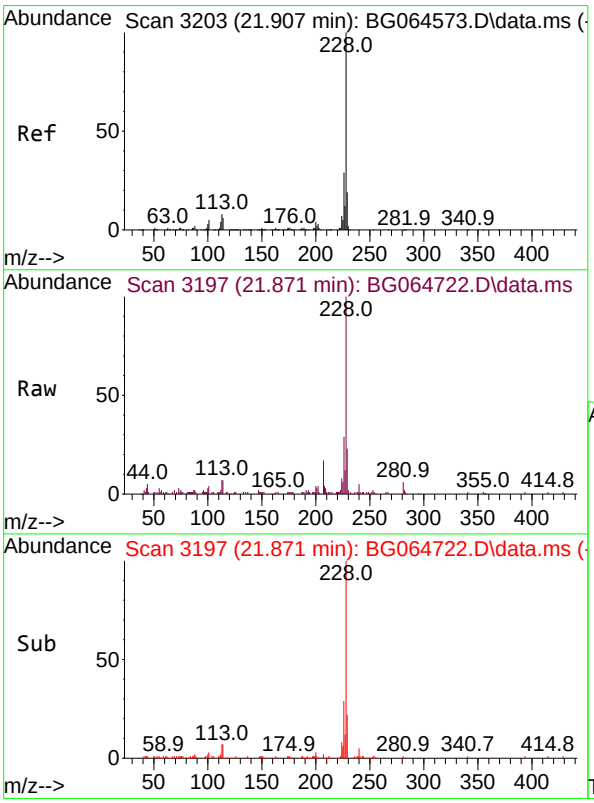
#81
Benzo(a)anthracene
Concen: 3.057 ng
RT: 21.806 min Scan# 31
Delta R.T. -0.030 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion:228 Resp: 73657

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.9	32.9
229	19.2	15.6	23.4

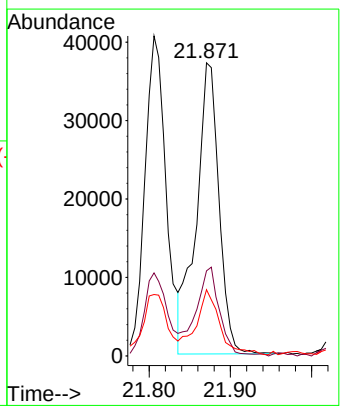


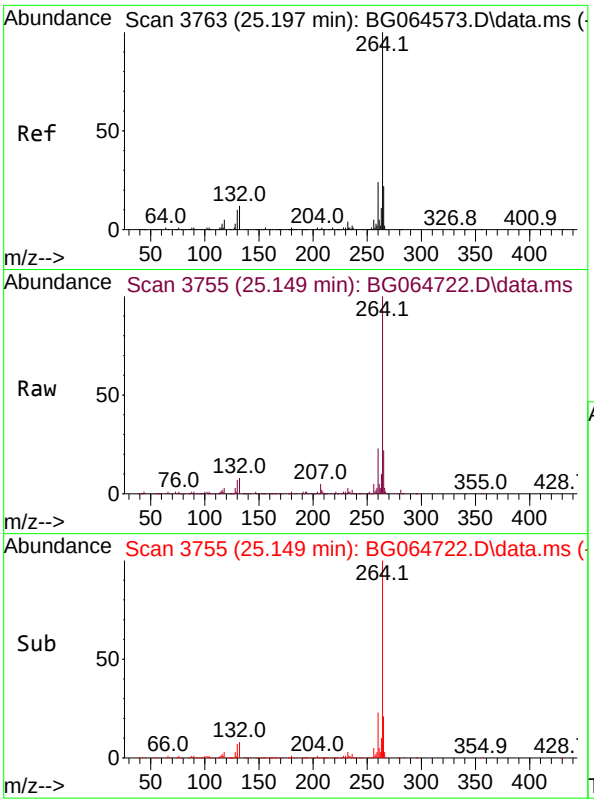


#83
Chrysene
Concen: 3.163 ng
RT: 21.871 min Scan# 3197
Delta R.T. -0.036 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Tgt Ion:228 Resp: 72517

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	22.6	15.2	22.8



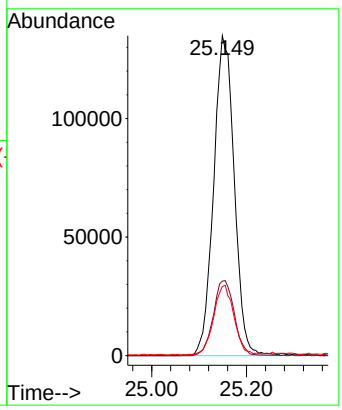


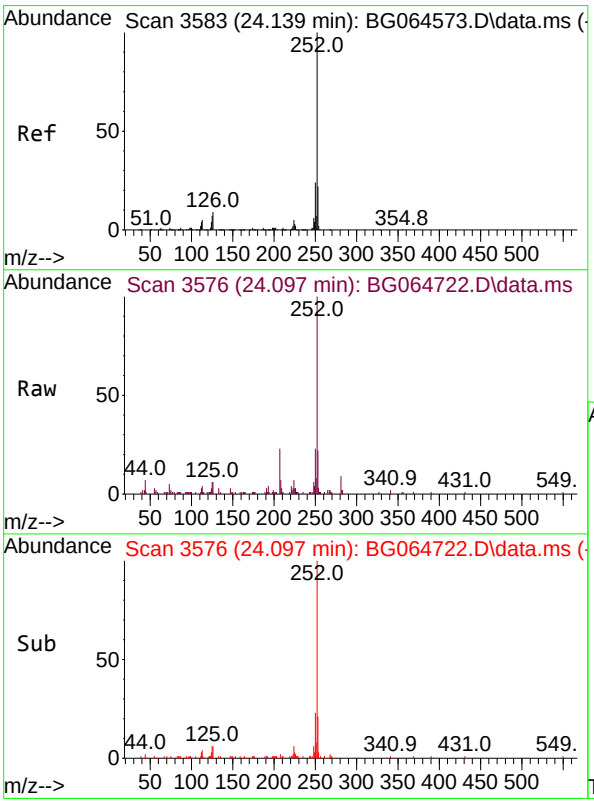
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.149 min Scan# 3
Delta R.T. -0.048 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion:264 Resp: 406985

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.6	17.6	26.4

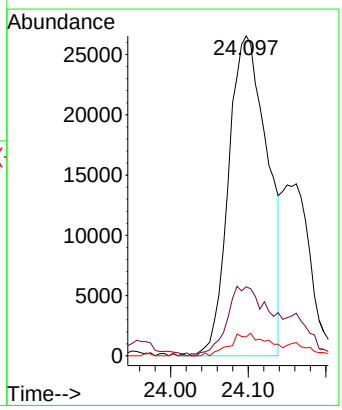


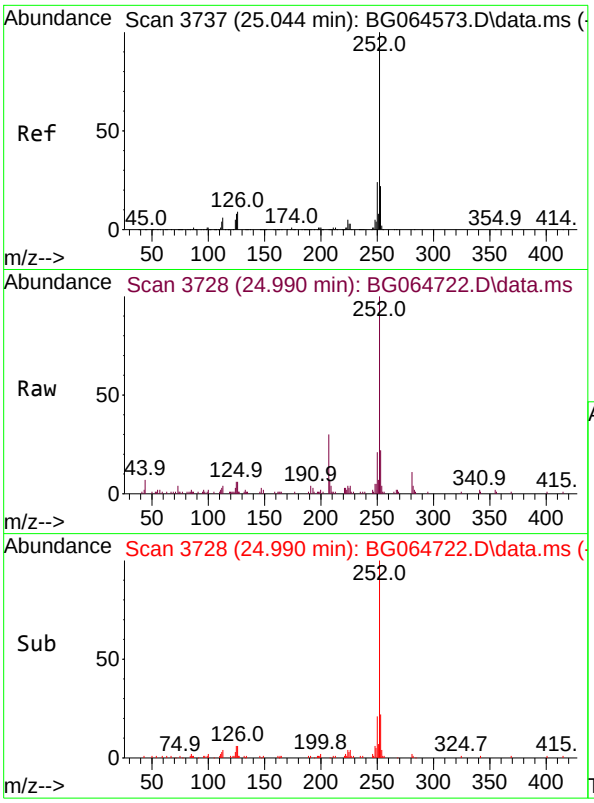


#88
Benzo(b)fluoranthene
Concen: 3.700 ng
RT: 24.097 min Scan# 3576
Delta R.T. -0.042 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Tgt Ion:252 Resp: 92338

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	5.9	5.6	8.4





#90
Benzo(a)pyrene
Concen: 3.098 ng
RT: 24.990 min Scan# 3
Delta R.T. -0.054 min
Lab File: BG064722.D
Acq: 7 Nov 2025 18:56

Instrument :
BNA_G
ClientSampleId :
WC-1A

Tgt Ion:252 Resp: 71076

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