Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064768.D
Acq On : 13 Nov 2025 22:48
Operator : RC/JU
Sample : Q3614-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 05:05:14 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	36331	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	134433	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	103762	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	245156	20.000	ng	0.00
76) Chrysene-d12	21.749	240	300613	20.000	ng	0.00
86) Perylene-d12	25.010	264	308402	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	167125	80.327	ng	0.00
7) Phenol-d6	7.302	99	222451	80.388	ng	0.00
23) Nitrobenzene-d5	9.323	82	141060	51.880	ng	0.00
42) 2,4,6-Tribromophenol	16.244	330	156433	77.301	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	392191	52.740	ng	0.00
79) Terphenyl-d14	20.087	244	835514	54.673	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	3826	4.750	ng	# 1
19) n-Nitroso-di-n-propyla...	9.323	70	19004	10.157	ng	# 65
51) 2,6-Dinitrotoluene	14.769	165	12717	8.063	ng	# 21
57) 2,4-Dinitrotoluene	14.769	165	12717	5.378	ng	# 24
63) Azobenzene	16.109	77	22068	3.379	ng	# 1
67) 4-Bromophenyl-phenylether	16.244	248	8944	2.778	ng	# 1

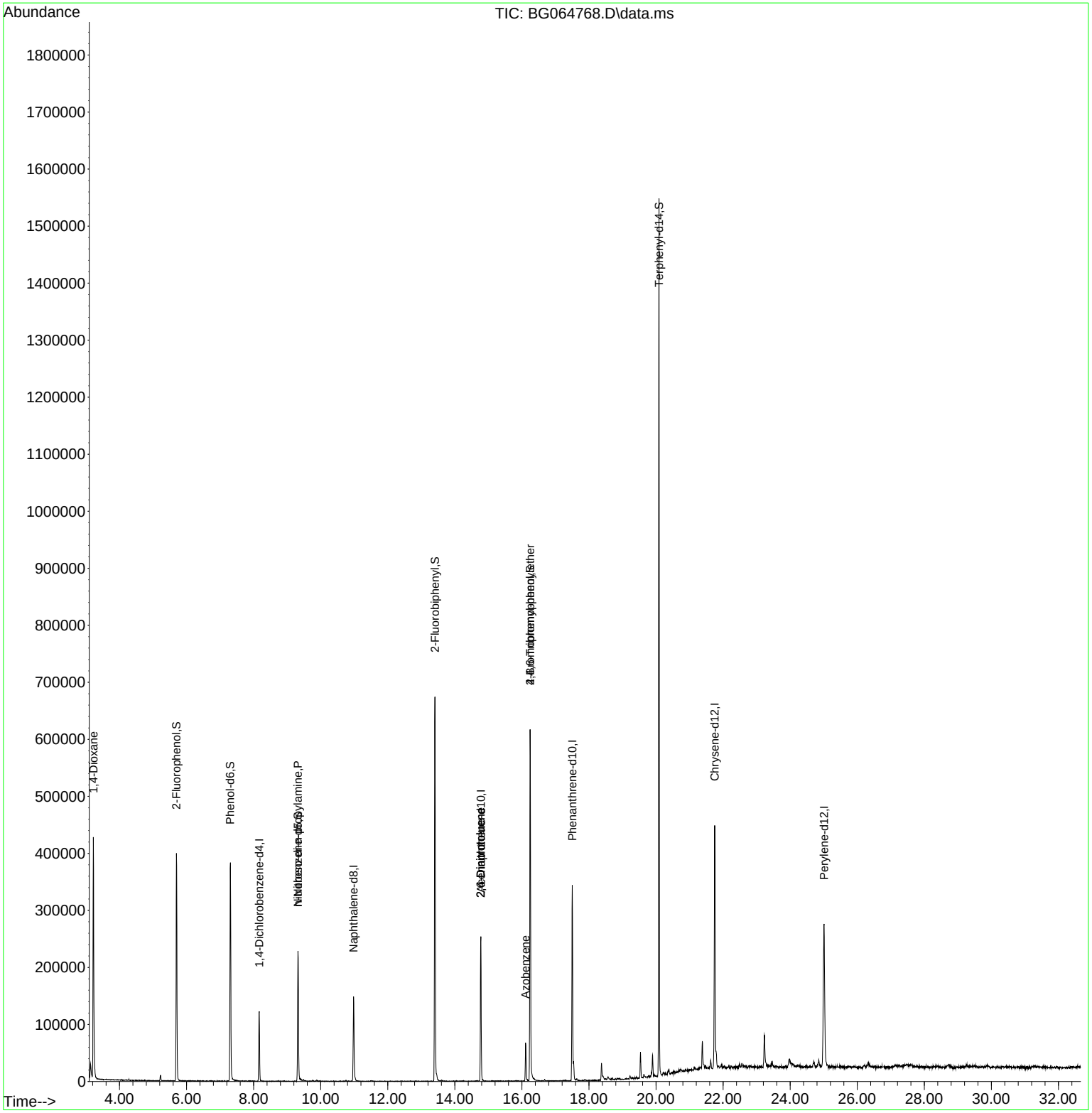
(#) = qualifier out of range (m) = manual integration (+) = signals summed

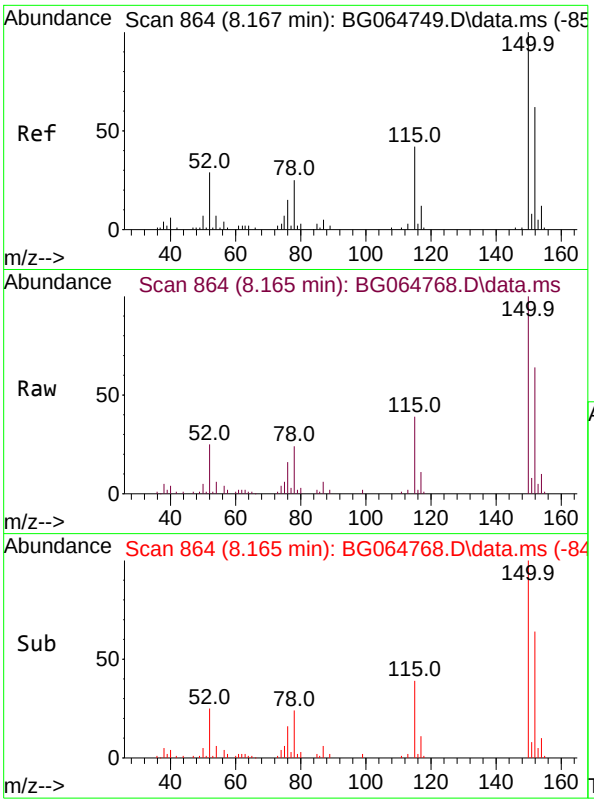
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064768.D
Acq On : 13 Nov 2025 22:48
Operator : RC/JU
Sample : Q3614-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 05:05:14 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



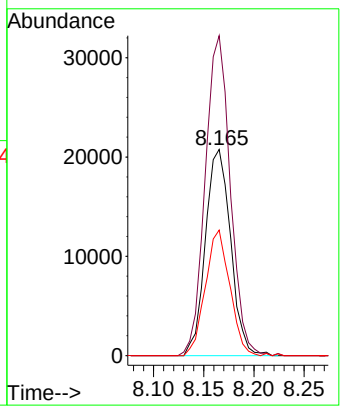


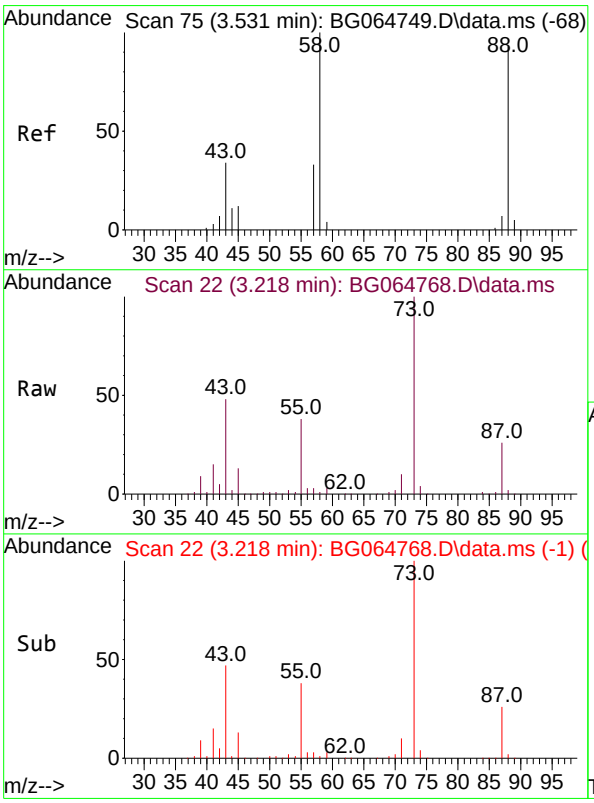
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36331

Ion	Ratio	Lower	Upper
152	100		
150	155.2	129.2	193.8
115	60.9	53.7	80.5

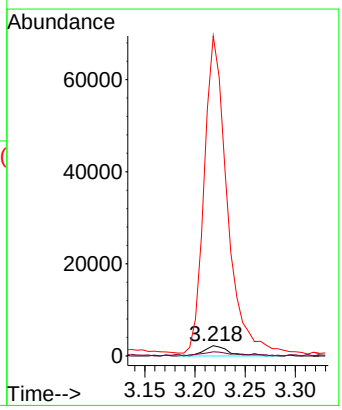


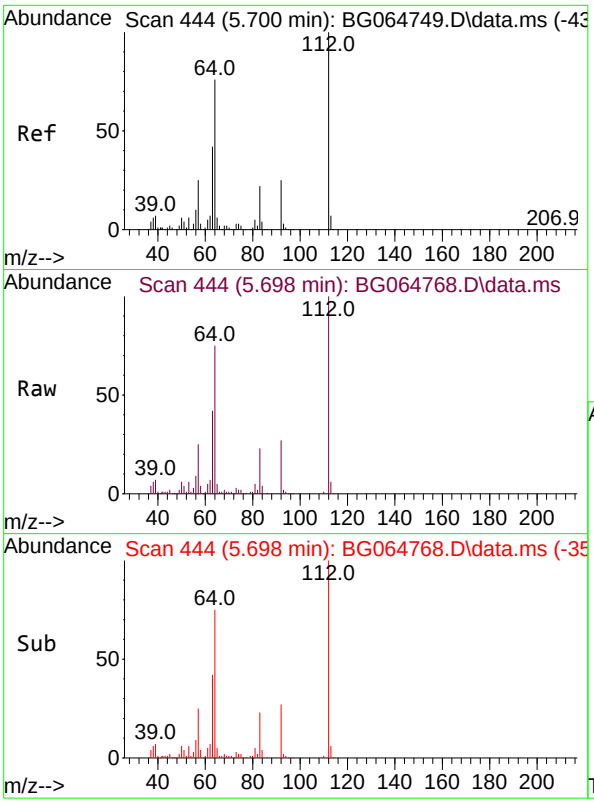


#2
1,4-Dioxane
Concen: 4.750 ng
RT: 3.218 min Scan# 22
Delta R.T. -0.313 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion: 88 Resp: 3826

Ion	Ratio	Lower	Upper
88	100		
58	56.6	84.6	126.8#
43	2899.6	30.0	45.0#



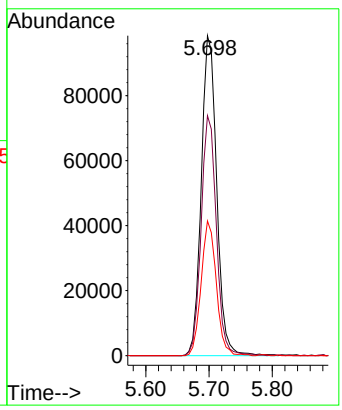


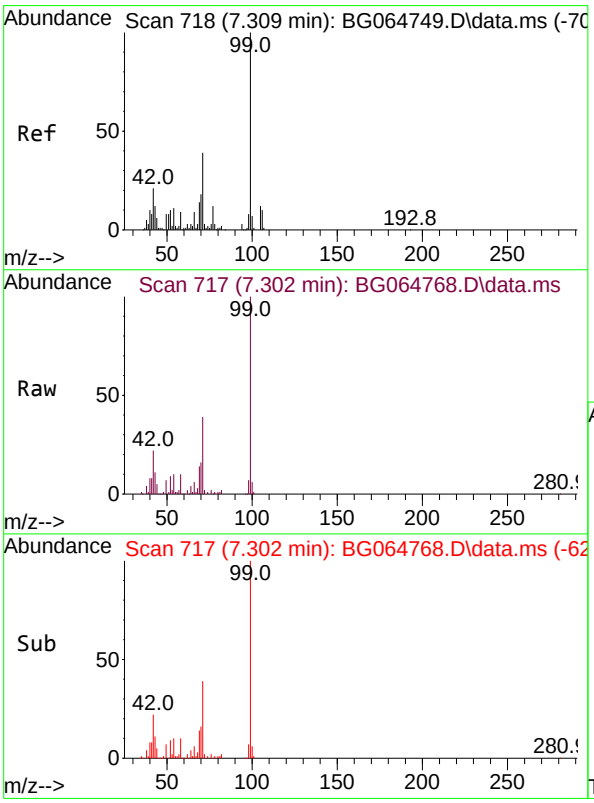
#5
2-Fluorophenol
Concen: 80.327 ng
RT: 5.698 min Scan# 44
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 167125

Ion	Ratio	Lower	Upper
112	100		
64	75.0	61.0	91.4
63	42.1	33.3	49.9

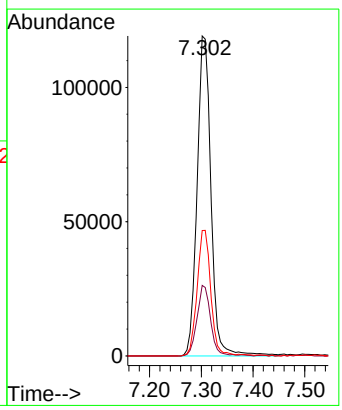


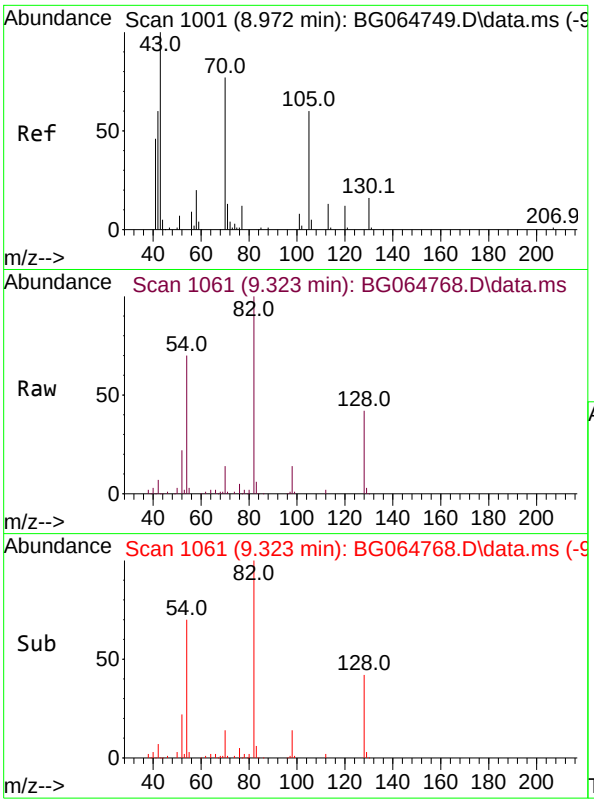


#7
Phenol-d6
Concen: 80.388 ng
RT: 7.302 min Scan# 717
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion: 99 Resp: 222451

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.8	25.2
71	39.2	31.1	46.7



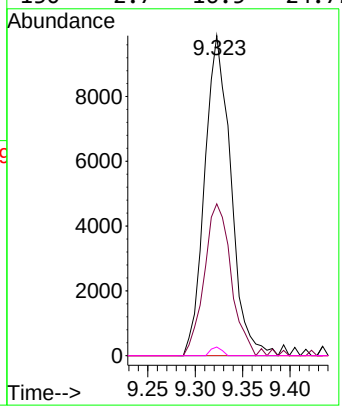


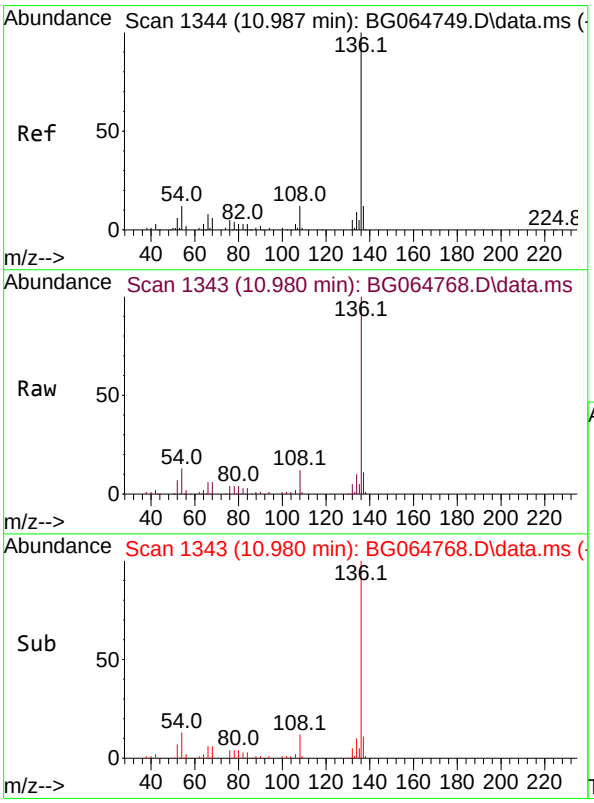
#19
n-Nitroso-di-n-propylamine
Concen: 10.157 ng
RT: 9.323 min Scan# 10
Delta R.T. 0.351 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19004

Ion	Ratio	Lower	Upper
70	100		
42	47.4	62.6	93.8#
101	0.0	8.0	12.0#
130	2.7	16.5	24.7#

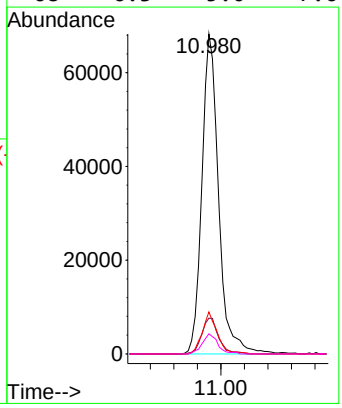


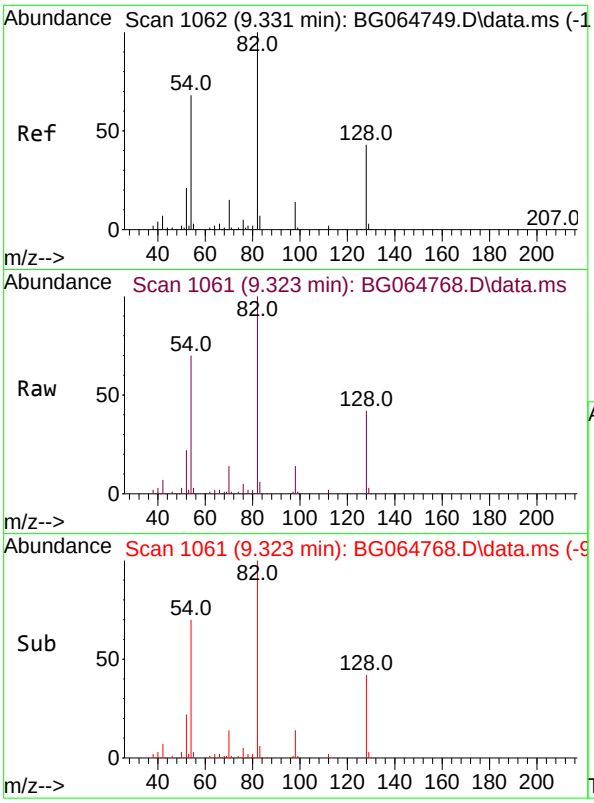


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:136 Resp: 134433

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	13.1	9.3	13.9
68	6.3	5.0	7.6



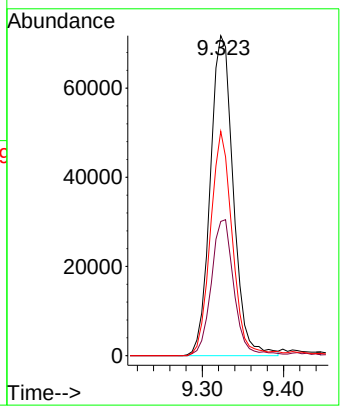


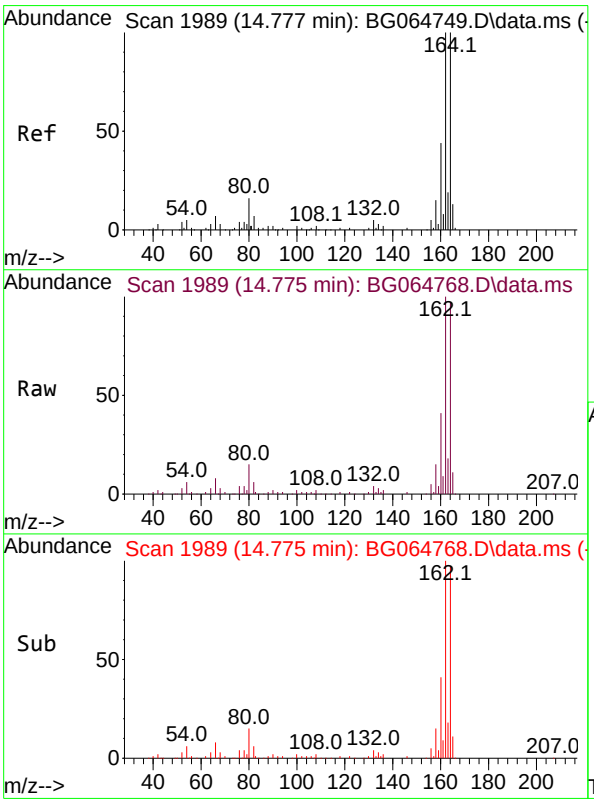
#23
Nitrobenzene-d5
Concen: 51.880 ng
RT: 9.323 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 141060

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.1	51.1
54	70.1	54.3	81.5

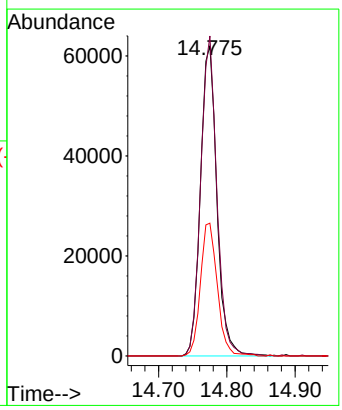


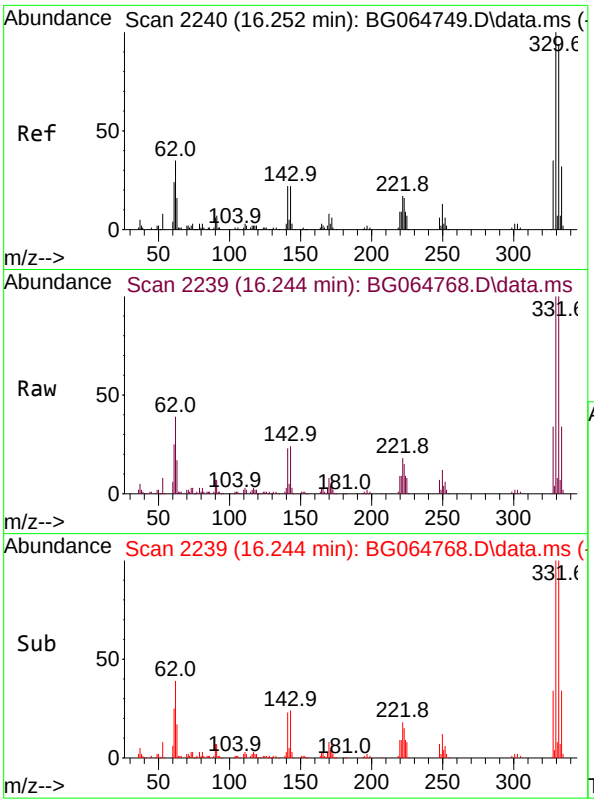


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:164 Resp: 103762

Ion	Ratio	Lower	Upper
164	100		
162	103.3	79.8	119.6
160	42.8	34.9	52.3



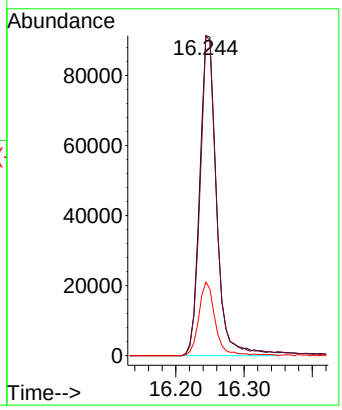


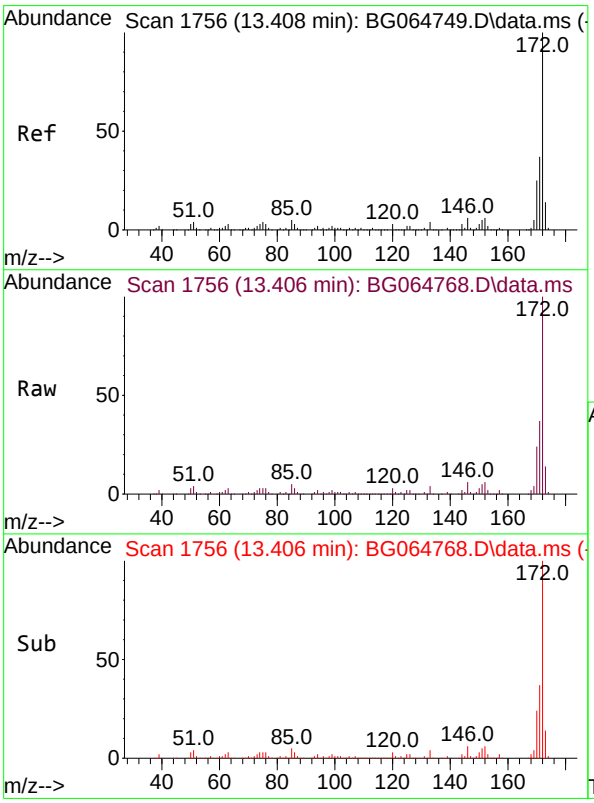
#42
2,4,6-Tribromophenol
Concen: 77.301 ng
RT: 16.244 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 156433

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	22.1	18.2	27.2

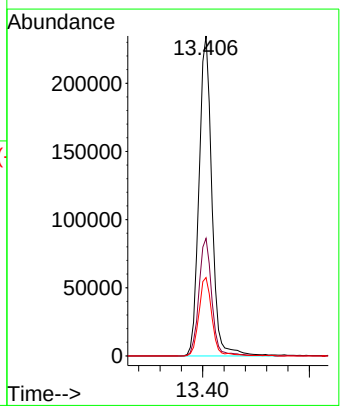


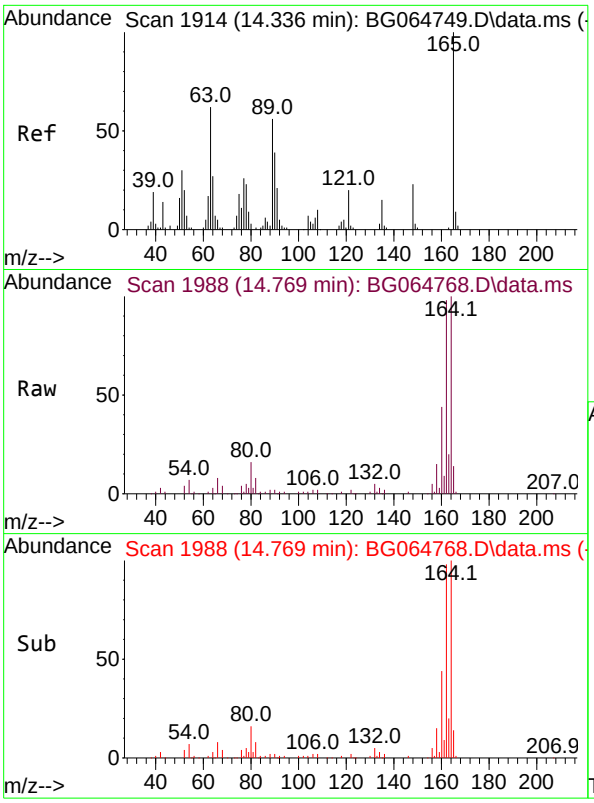


#45
2-Fluorobiphenyl
Concen: 52.740 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:172 Resp: 392191

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.5	19.8	29.6



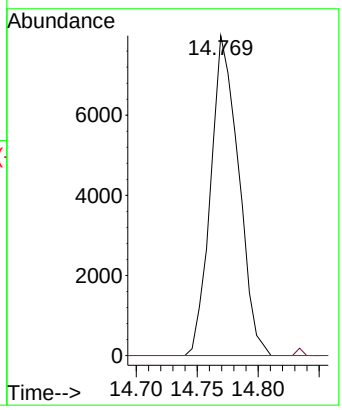


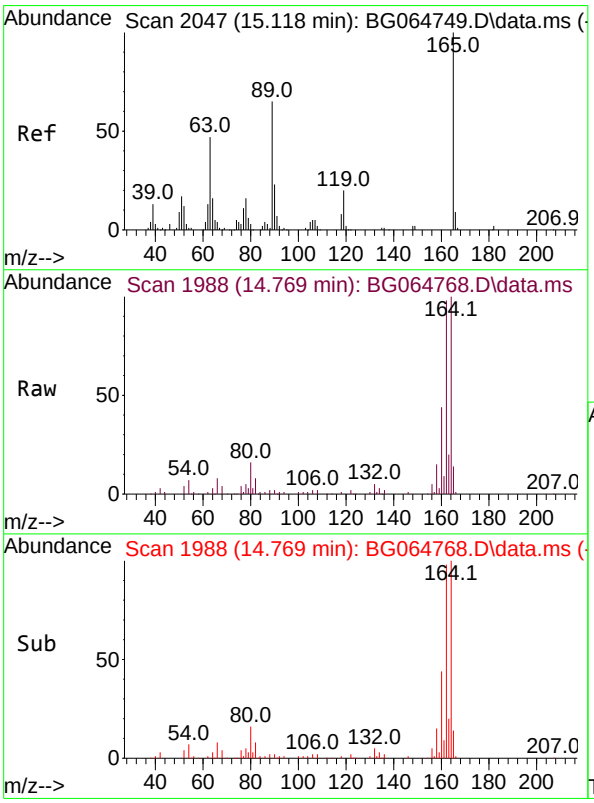
#51
2,6-Dinitrotoluene
Concen: 8.063 ng
RT: 14.769 min Scan# 19
Delta R.T. 0.433 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12717

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

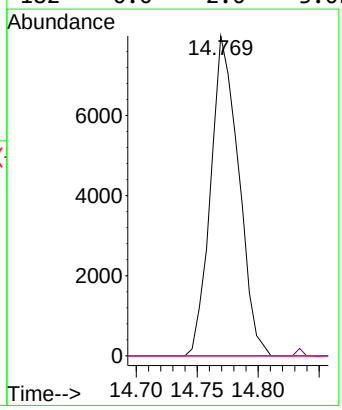


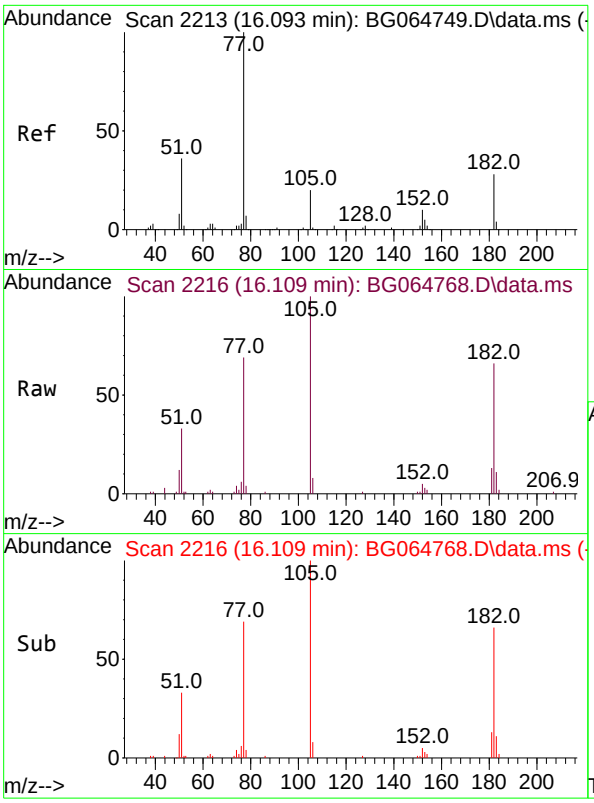


#57
2,4-Dinitrotoluene
Concen: 5.378 ng
RT: 14.769 min Scan# 1988
Delta R.T. -0.349 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:165 Resp: 12717

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.8	56.6#
89	0.0	51.6	77.4#
182	0.0	2.0	3.0#



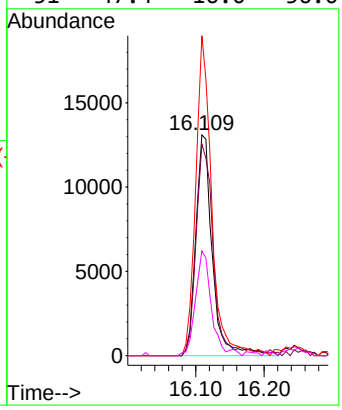


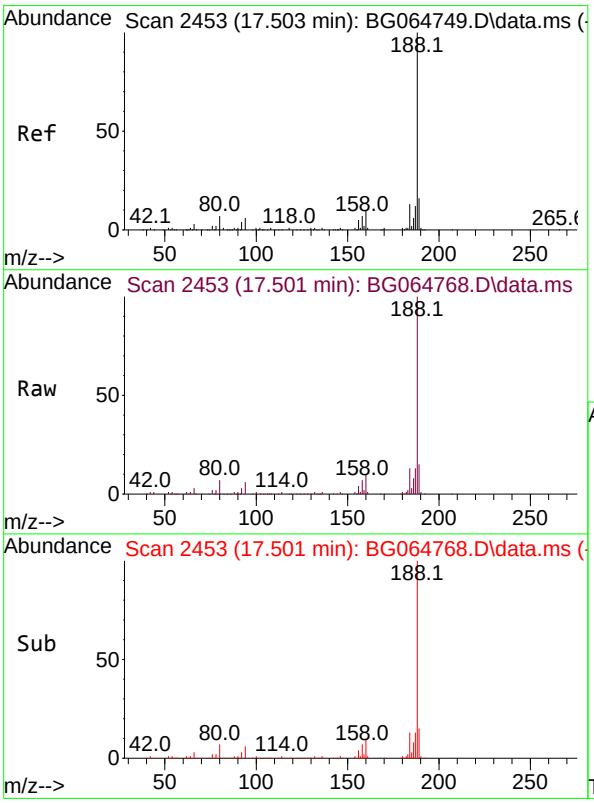
#63
Azobenzene
Concen: 3.379 ng
RT: 16.109 min Scan# 2
Delta R.T. 0.016 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 22068

Ion	Ratio	Lower	Upper
77	100		
182	95.8	8.1	48.1#
105	145.0	0.1	40.1#
51	47.4	16.0	56.0

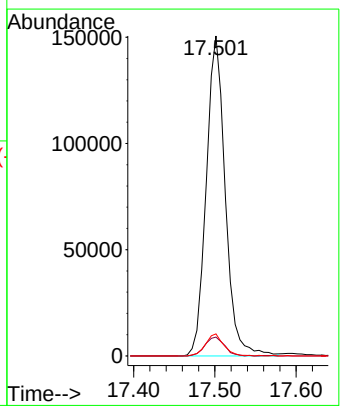


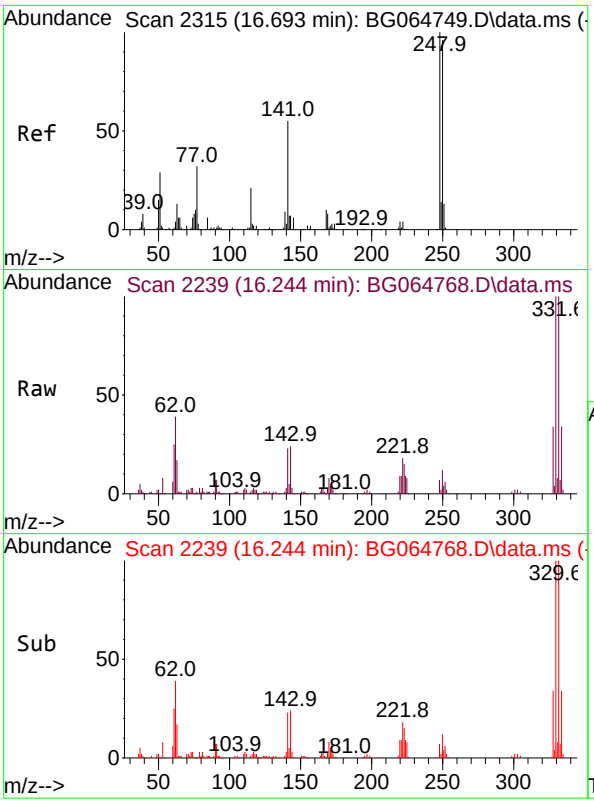


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:188 Resp: 245156

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.7	7.1
80	6.9	5.4	8.2



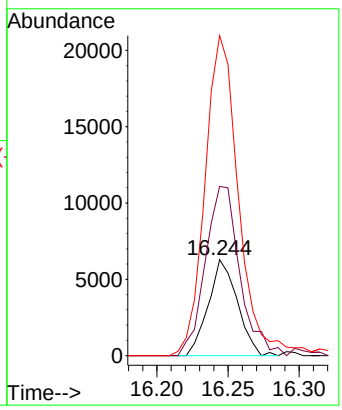


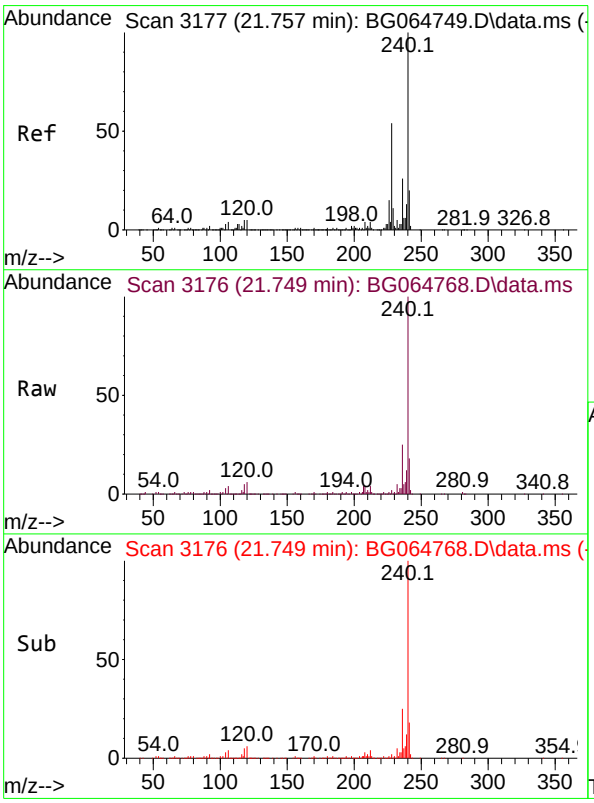
#67
4-Bromophenyl-phenylether
Concen: 2.778 ng
RT: 16.244 min Scan# 2
Delta R.T. -0.448 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8944

Ion	Ratio	Lower	Upper
248	100		
250	181.6	77.0	115.6#
141	255.9	43.7	65.5#

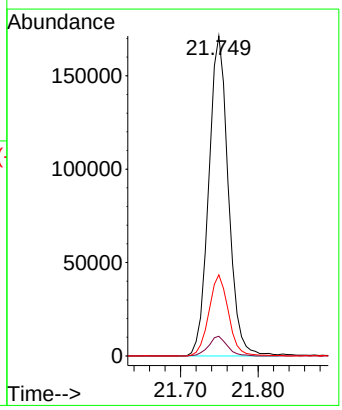


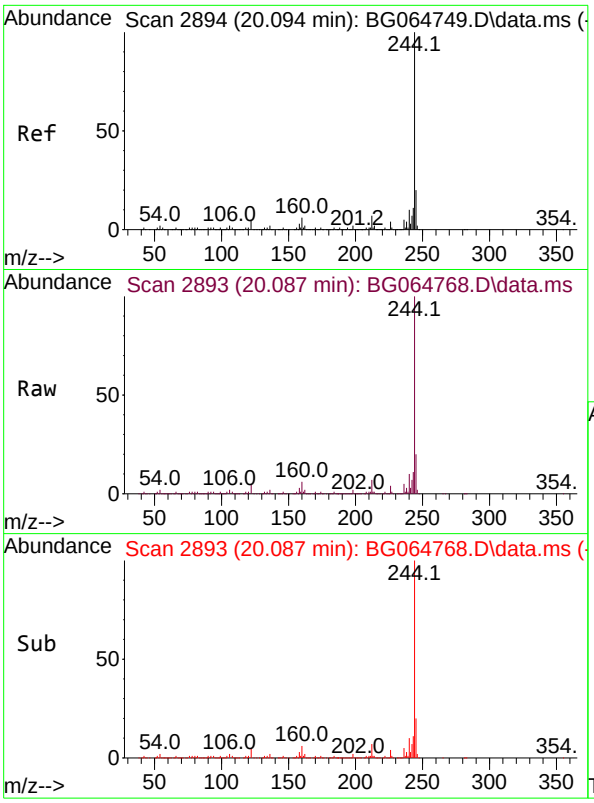


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:240 Resp: 300613

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.2	6.4
236	25.3	20.8	31.2



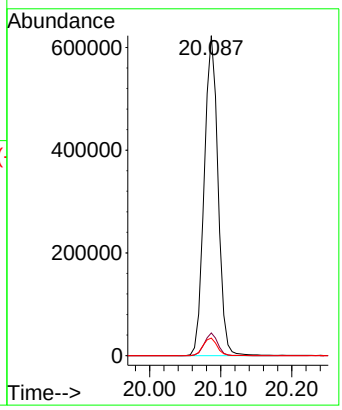


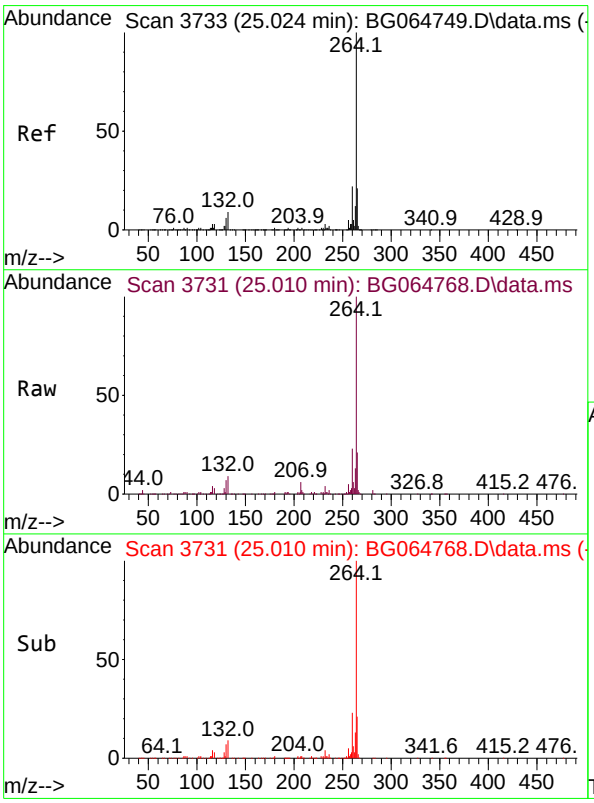
#79
Terphenyl-d14
Concen: 54.673 ng
RT: 20.087 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 835514

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	5.5	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.010 min Scan# 3731
Delta R.T. -0.014 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:264 Resp: 308402

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.2	25.8
265	21.3	16.6	25.0