Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064764.D
Acq On : 13 Nov 2025 20:05
Operator : RC/JU
Sample : Q3609-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 05:03:39 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	8.167	152	37597	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	138283	20.000	ng	0.00
39) Acenaphthene-d10	14.771	164	106283	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	260075	20.000	ng	0.00
76) Chrysene-d12	21.751	240	336397	20.000	ng	0.00
86) Perylene-d12	25.012	264	362237	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	182699	84.856	ng	0.00
7) Phenol-d6	7.309	99	235972	82.402	ng	0.00
23) Nitrobenzene-d5	9.324	82	153247	54.793	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	165973	80.070	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	421101	55.284	ng	0.00
79) Terphenyl-d14	20.088	244	967363	56.567	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	4541	5.448	ng	# 1
19) n-Nitroso-di-n-propyla...	9.324	70	20224	10.445	ng	# 75
51) 2,6-Dinitrotoluene	14.771	165	13783	8.532	ng	# 21
57) 2,4-Dinitrotoluene	14.771	165	13783	5.691	ng	# 24
63) Azobenzene	16.110	77	17795	2.660	ng	# 1
67) 4-Bromophenyl-phenylether	16.246	248	10439	3.056	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
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Acq On : 13 Nov 2025 20:05
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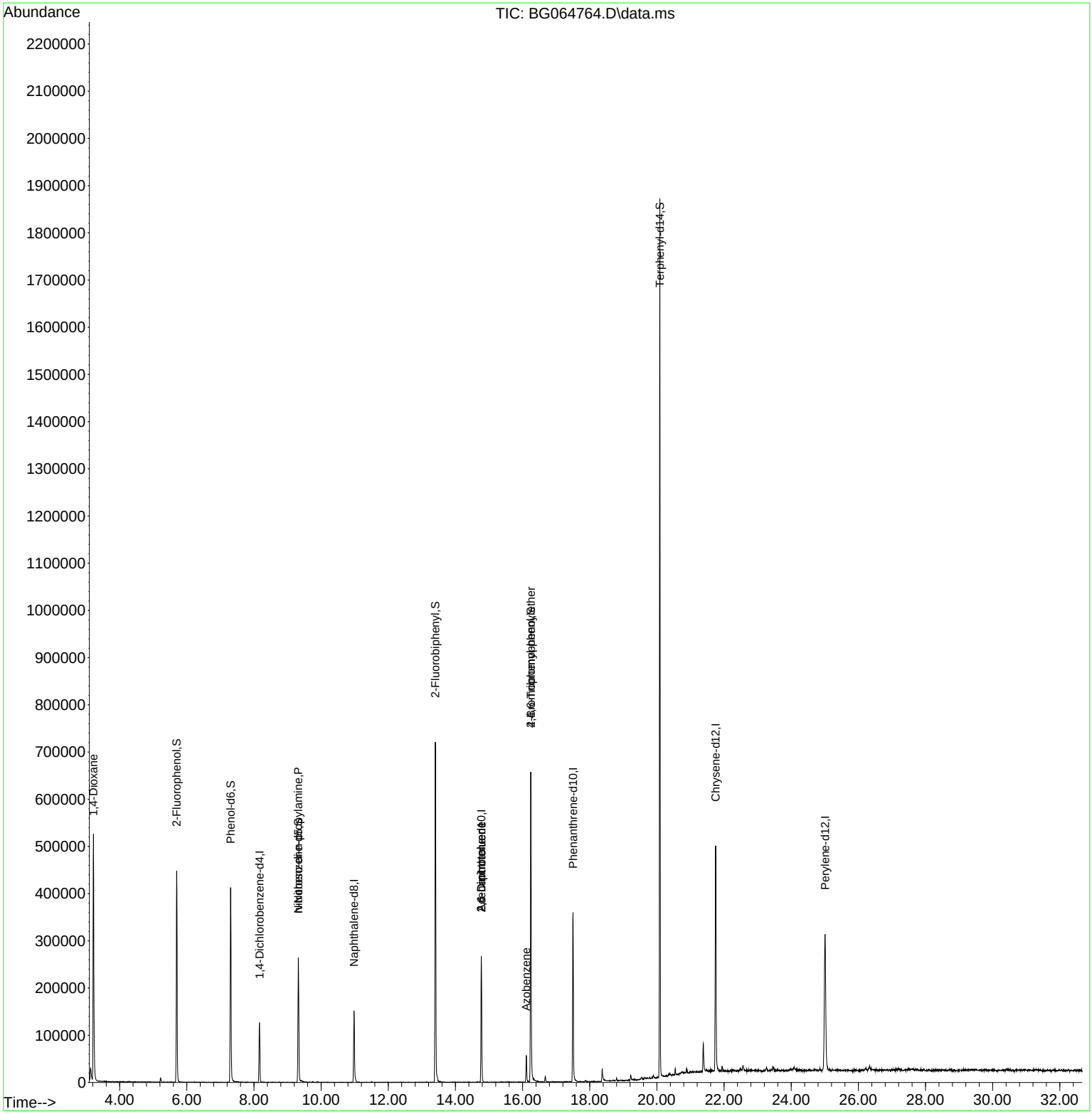
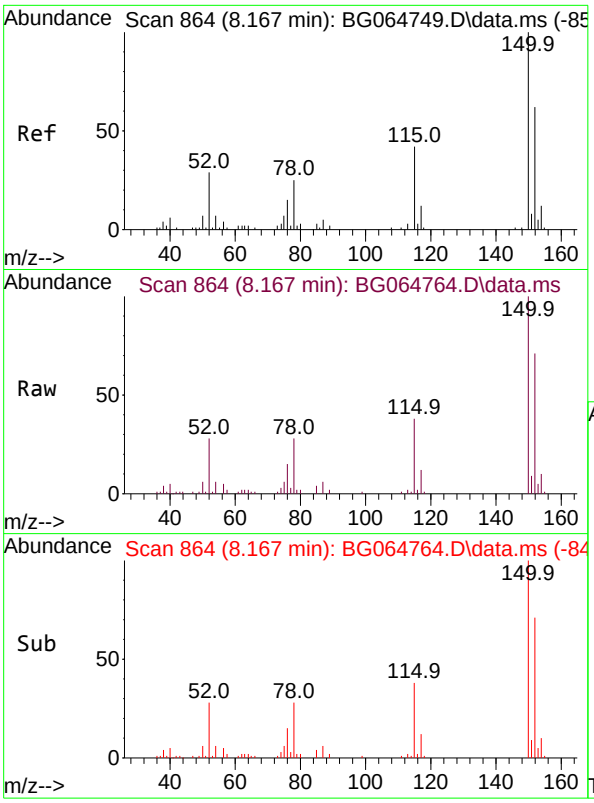
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 14 05:03:39 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



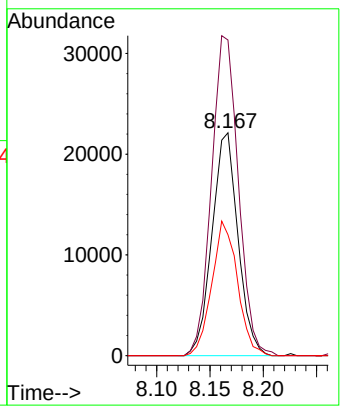


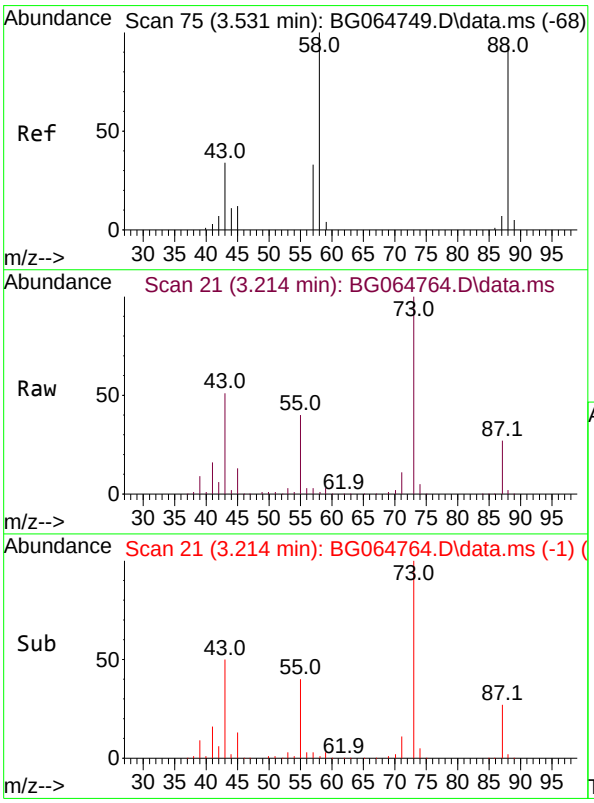
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.167 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37597

Ion	Ratio	Lower	Upper
152	100		
150	141.6	129.2	193.8
115	54.2	53.7	80.5

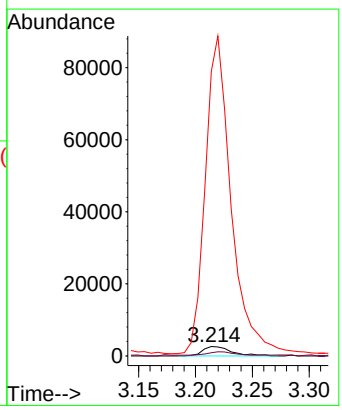


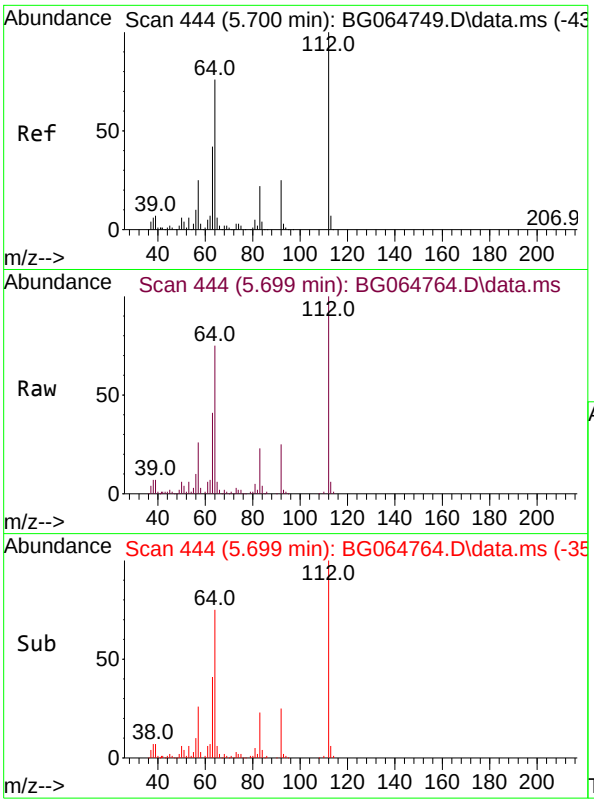


#2
1,4-Dioxane
Concen: 5.448 ng
RT: 3.214 min Scan# 21
Delta R.T. -0.318 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Tgt Ion: 88 Resp: 4541

Ion	Ratio	Lower	Upper
88	100		
58	34.6	84.6	126.8#
43	3094.2	30.0	45.0#



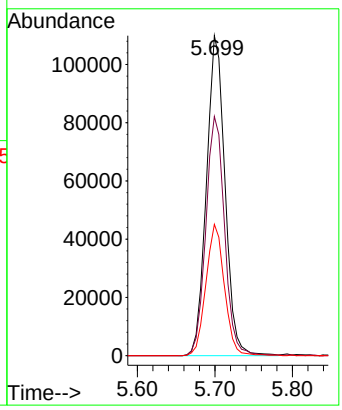


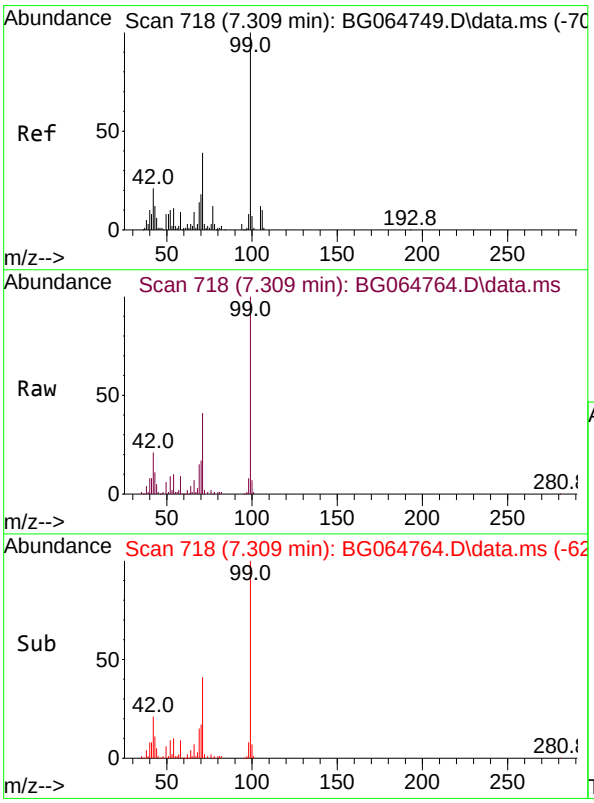
#5
2-Fluorophenol
Concen: 84.856 ng
RT: 5.699 min Scan# 44
Delta R.T. -0.000 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 182699

Ion	Ratio	Lower	Upper
112	100		
64	74.7	61.0	91.4
63	41.0	33.3	49.9

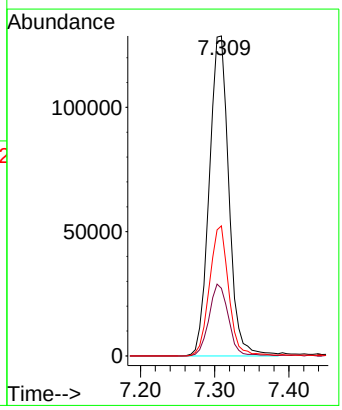


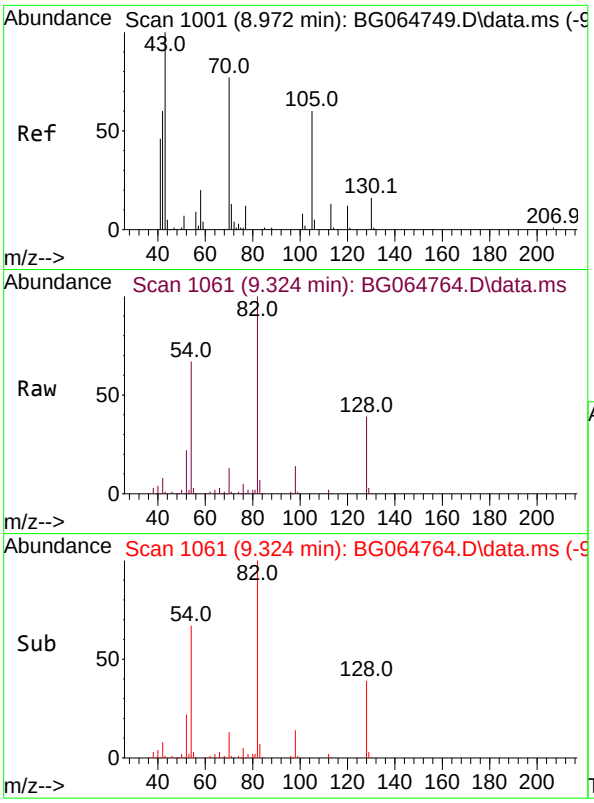


#7
Phenol-d6
Concen: 82.402 ng
RT: 7.309 min Scan# 718
Delta R.T. -0.000 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Tgt Ion: 99 Resp: 235972

Ion	Ratio	Lower	Upper
99	100		
42	21.1	16.8	25.2
71	40.6	31.1	46.7



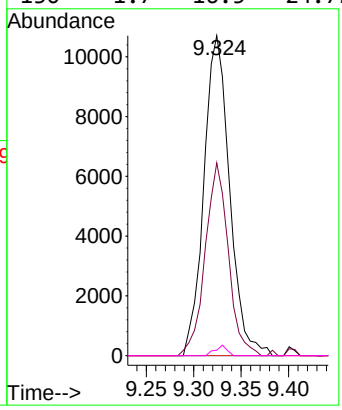


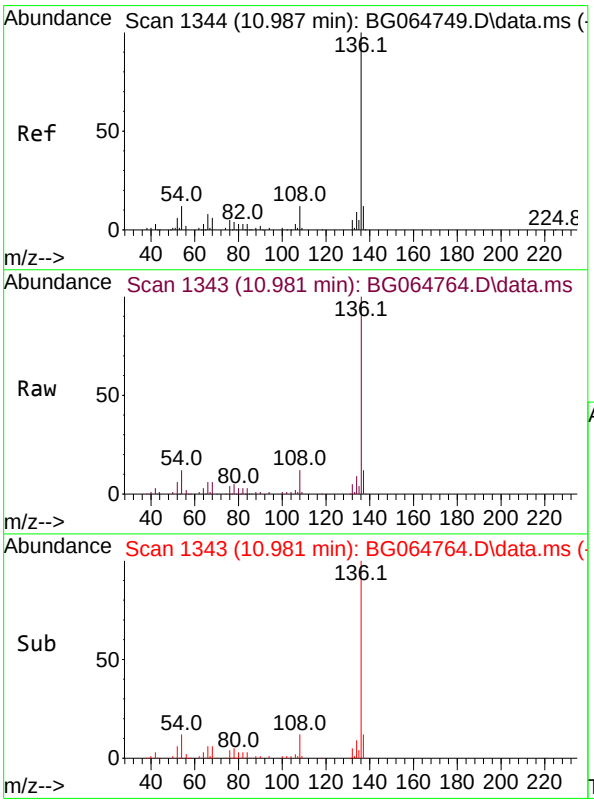
#19
n-Nitroso-di-n-propylamine
Concen: 10.445 ng
RT: 9.324 min Scan# 10
Delta R.T. 0.352 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 20224

Ion	Ratio	Lower	Upper
70	100		
42	60.2	62.6	93.8#
101	0.0	8.0	12.0#
130	1.7	16.5	24.7#

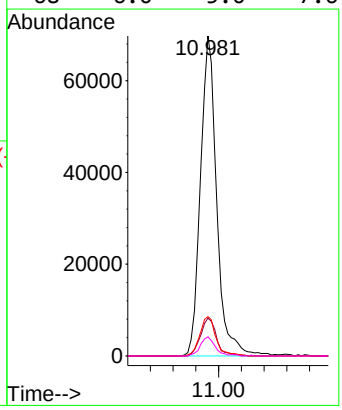


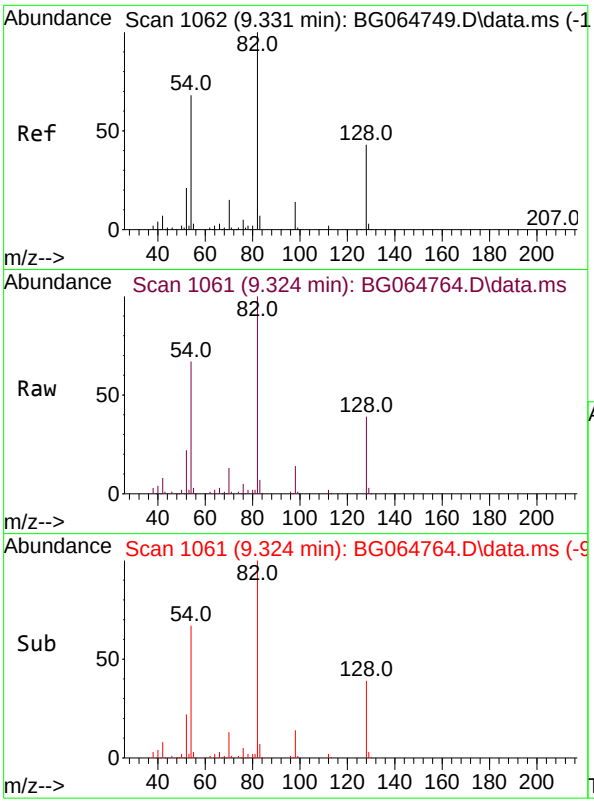


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Tgt Ion:136 Resp: 138283

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	12.3	9.3	13.9
68	6.0	5.0	7.6



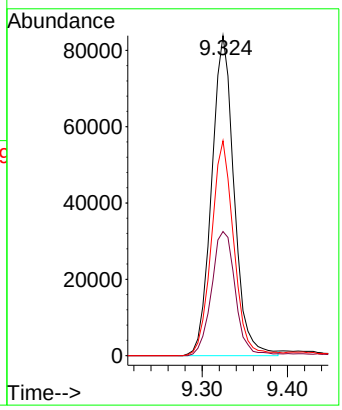


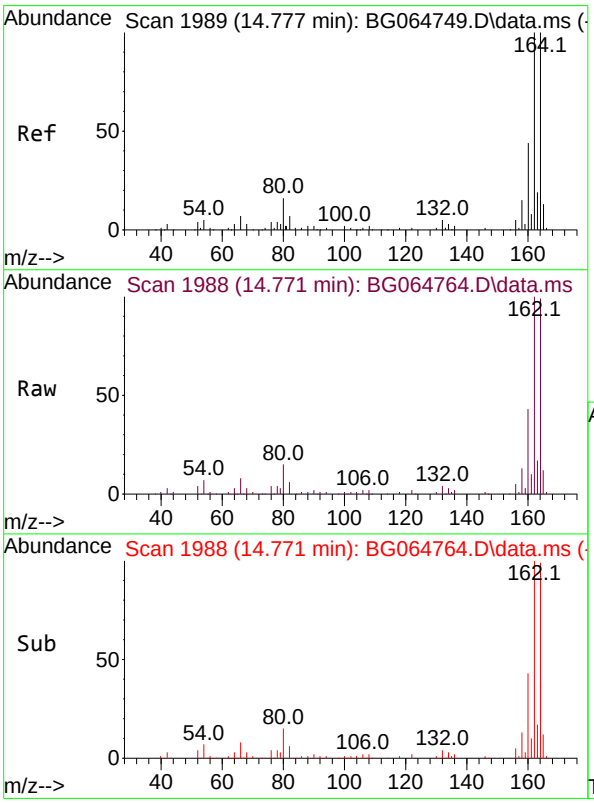
#23
Nitrobenzene-d5
Concen: 54.793 ng
RT: 9.324 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 153247

Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.1	51.1
54	67.1	54.3	81.5

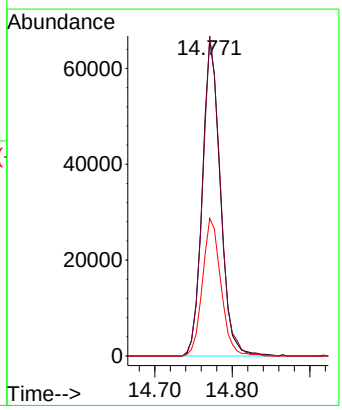


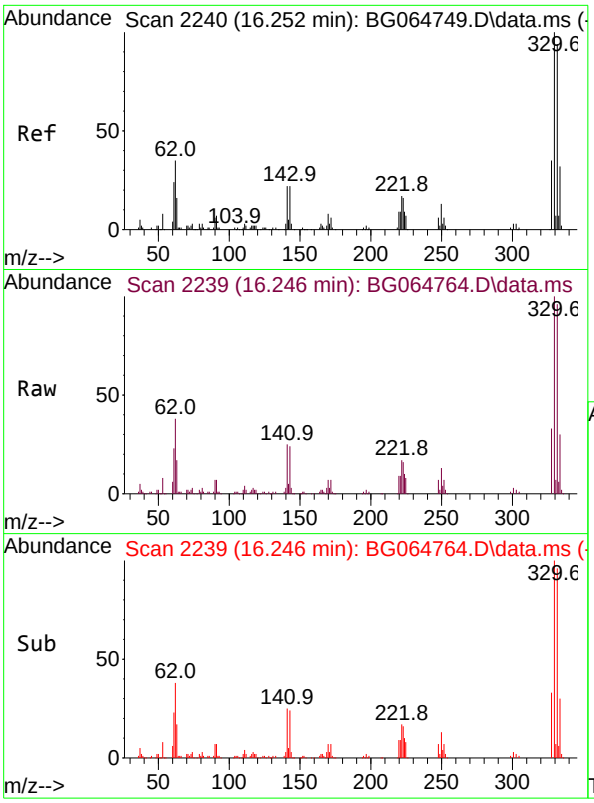


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.771 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Tgt Ion:164 Resp: 106283

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.8	119.6
160	43.6	34.9	52.3



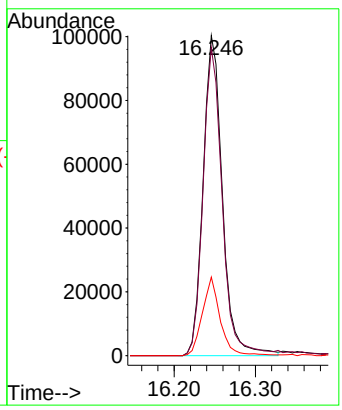


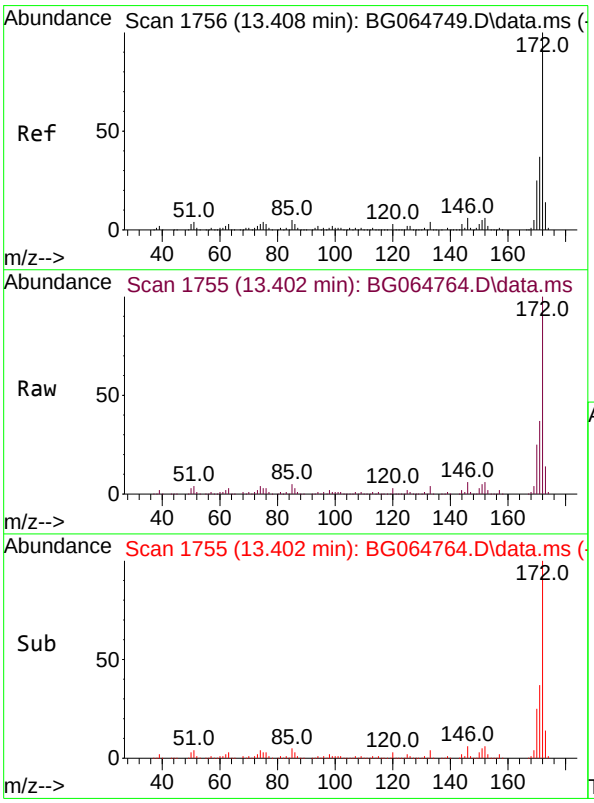
#42
2,4,6-Tribromophenol
Concen: 80.070 ng
RT: 16.246 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 165973

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	22.6	18.2	27.2

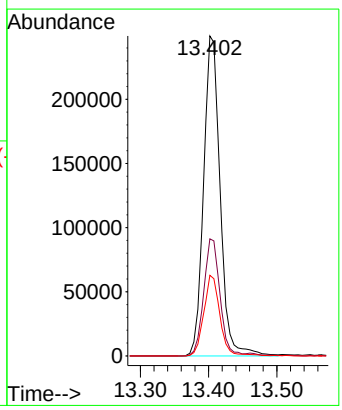


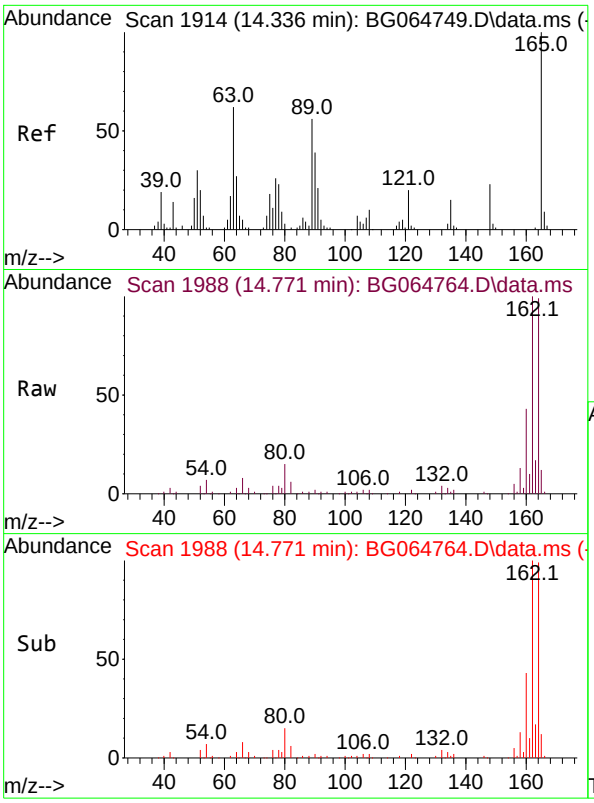


#45
2-Fluorobiphenyl
Concen: 55.284 ng
RT: 13.402 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Tgt Ion:172 Resp: 421101

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.9	44.9
170	25.2	19.8	29.6



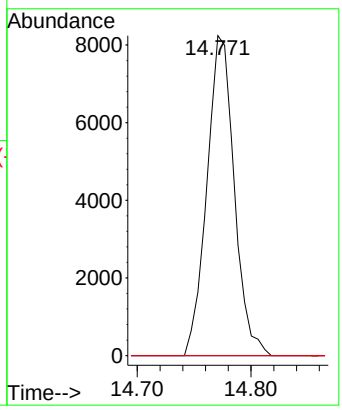


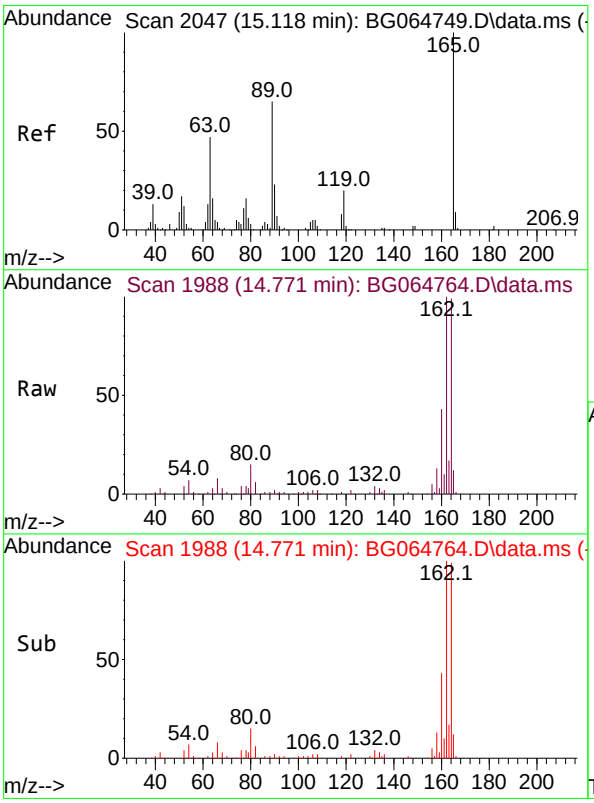
#51
2,6-Dinitrotoluene
Concen: 8.532 ng
RT: 14.771 min Scan# 19
Delta R.T. 0.434 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13783

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

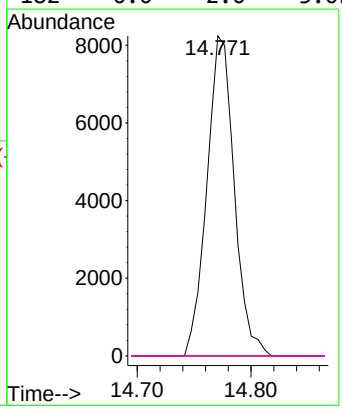


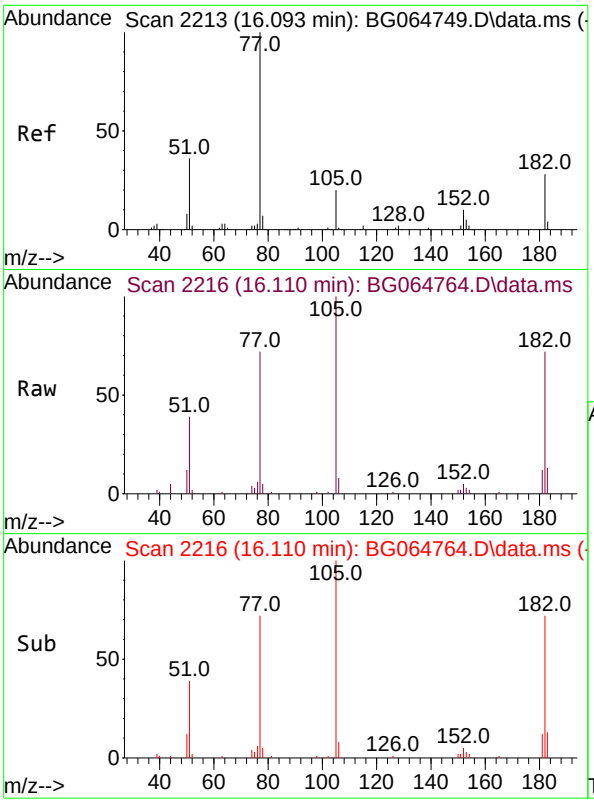


#57
2,4-Dinitrotoluene
Concen: 5.691 ng
RT: 14.771 min Scan# 1988
Delta R.T. -0.347 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Tgt Ion:165 Resp: 13783

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#



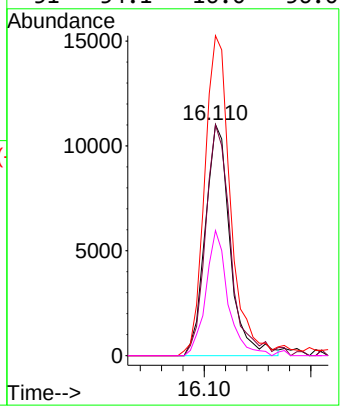


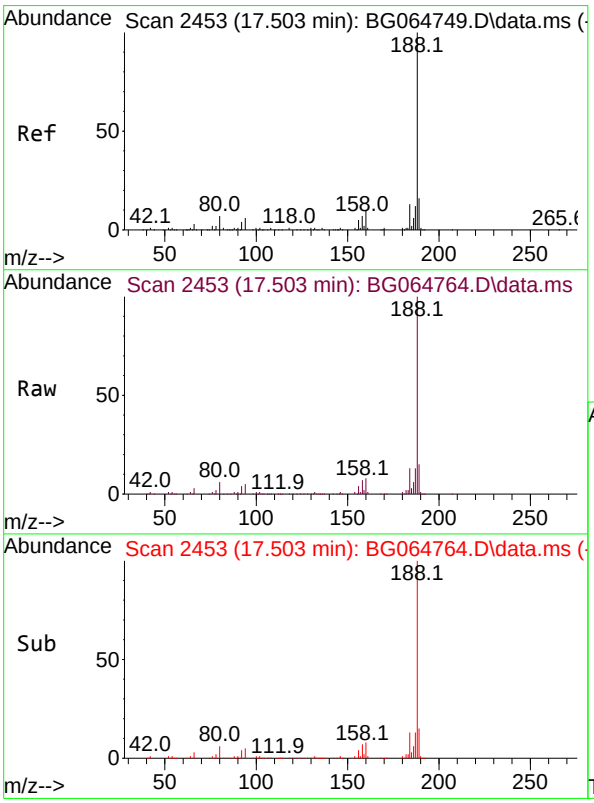
#63
Azobenzene
Concen: 2.660 ng
RT: 16.110 min Scan# 2
Delta R.T. 0.017 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 17795

Ion	Ratio	Lower	Upper
77	100		
182	99.8	8.1	48.1#
105	138.5	0.1	40.1#
51	54.1	16.0	56.0

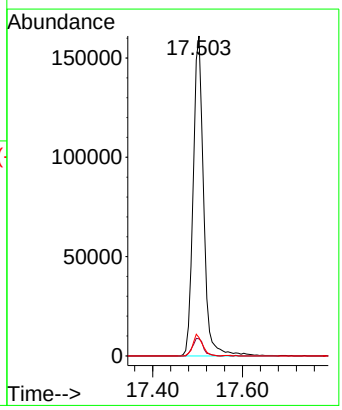


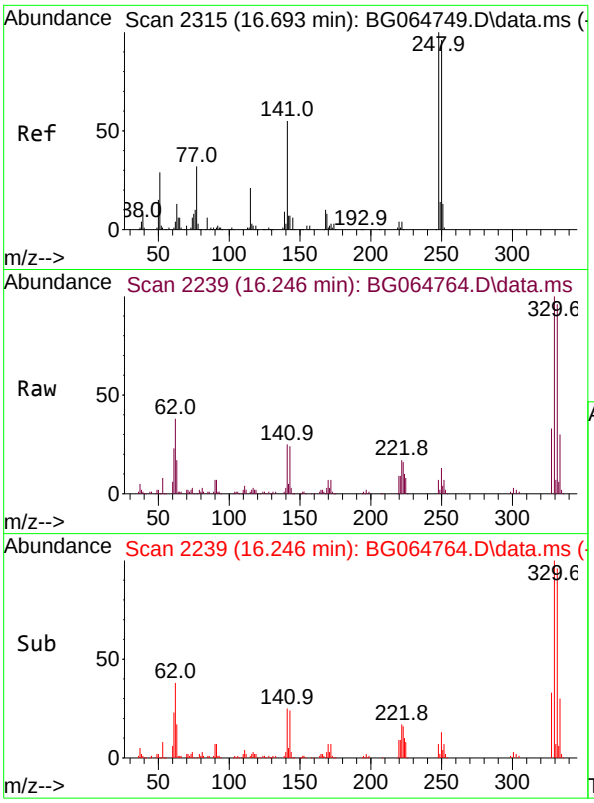


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Tgt Ion:188 Resp: 260075

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.7	7.1
80	5.7	5.4	8.2



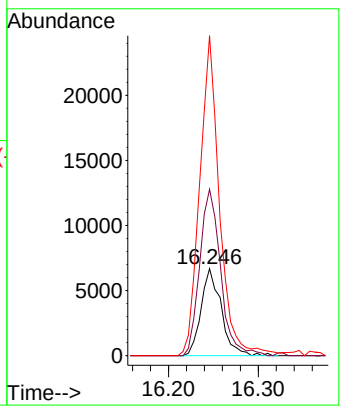


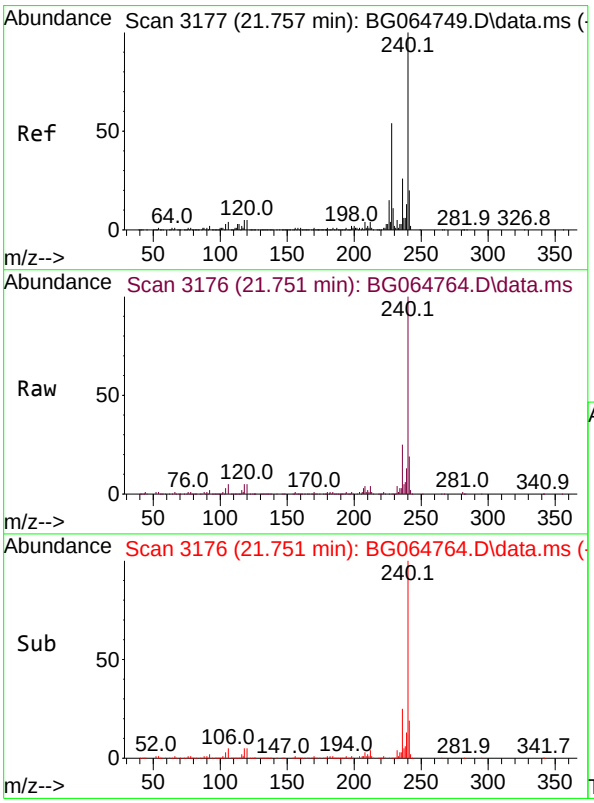
#67
4-Bromophenyl-phenylether
Concen: 3.056 ng
RT: 16.246 min Scan# 2
Delta R.T. -0.447 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10439

Ion	Ratio	Lower	Upper
248	100		
250	205.9	77.0	115.6#
141	298.9	43.7	65.5#

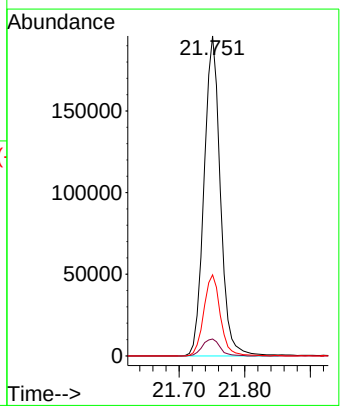


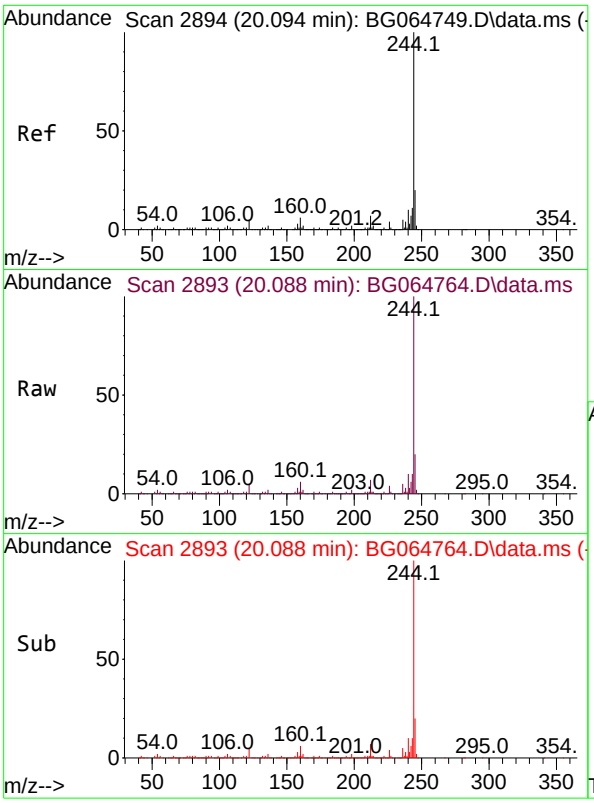


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Tgt Ion:240 Resp: 336397

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.2	6.4
236	25.3	20.8	31.2



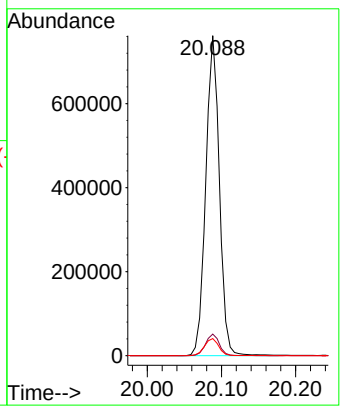


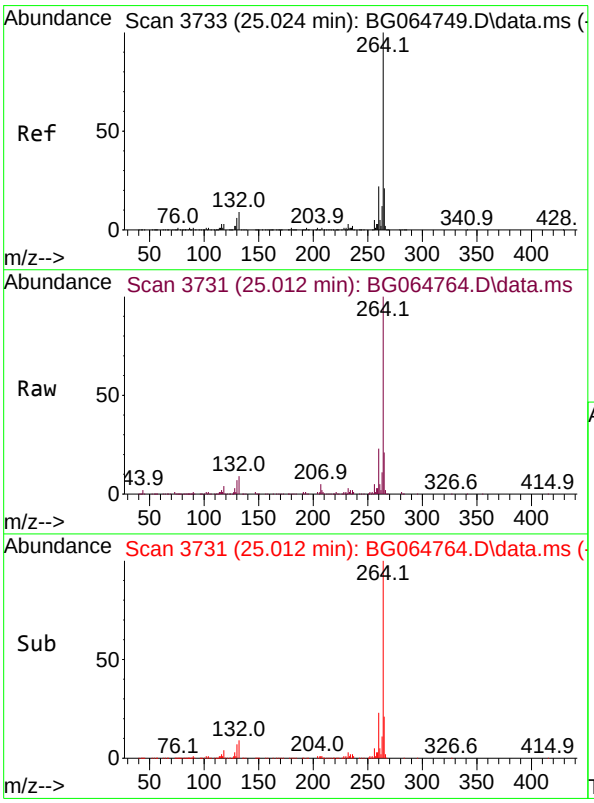
#79
Terphenyl-d14
Concen: 56.567 ng
RT: 20.088 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 967363

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	5.3	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3731
Delta R.T. -0.012 min
Lab File: BG064764.D
Acq: 13 Nov 2025 20:05

Tgt Ion:264 Resp: 362237

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.2	25.8
265	20.9	16.6	25.0