Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064605.D
Acq On : 28 Oct 2025 17:13
Operator : RC/JU
Sample : Q3451-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11

Quant Time: Oct 28 17:49:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	37823	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	134572	20.000	ng	-0.01
39) Acenaphthene-d10	14.838	164	94334	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	228206	20.000	ng	0.00
76) Chrysene-d12	21.847	240	306261	20.000	ng	-0.02
86) Perylene-d12	25.190	264	331023	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.748	112	299811	133.049	ng	0.00
7) Phenol-d6	7.352	99	339718	109.866	ng	0.00
23) Nitrobenzene-d5	9.379	82	238628	106.505	ng	-0.01
42) 2,4,6-Tribromophenol	16.312	330	211063	155.020	ng	-0.01
45) 2-Fluorobiphenyl	13.469	172	575985	92.548	ng	-0.01
79) Terphenyl-d14	20.167	244	1439632	88.709	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	16593	16.632	ng	# 1
19) n-Nitroso-di-n-propyla...	9.379	70	32982	15.434	ng	# 72
48) 2-Nitroaniline	13.463	65	934	3.738	ng	# 1
51) 2,6-Dinitrotoluene	14.838	165	12589	13.060	ng	# 19
57) 2,4-Dinitrotoluene	14.838	165	12589	9.453	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.330	198	643	5.995	ng	# 67
67) 4-Bromophenyl-phenylether	16.312	248	13428	4.965	ng	# 1
77) Benzidine	20.167	184	22263	3.245	ng	# 93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064605.D
Acq On : 28 Oct 2025 17:13
Operator : RC/JU
Sample : Q3451-04
Misc :
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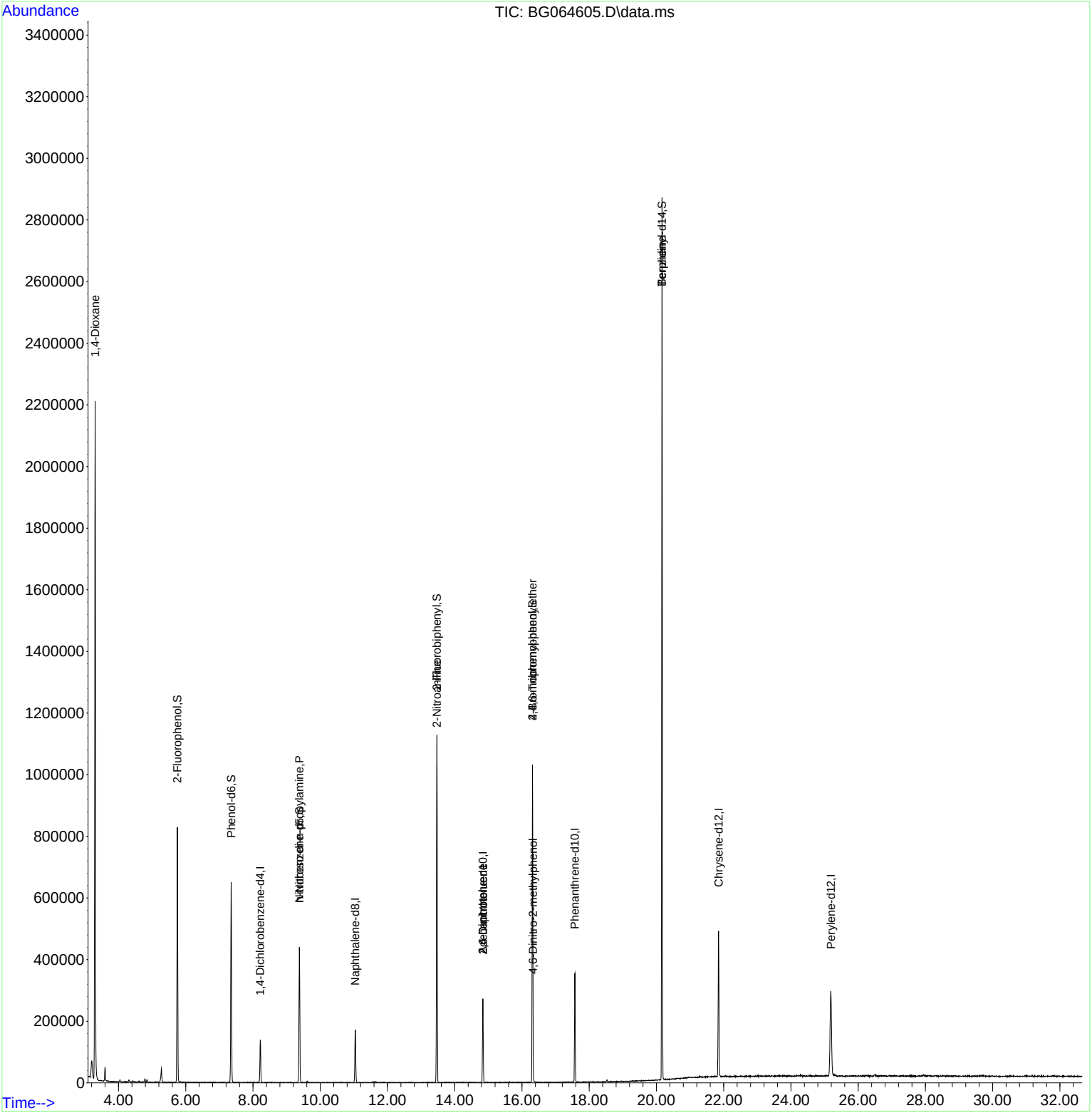
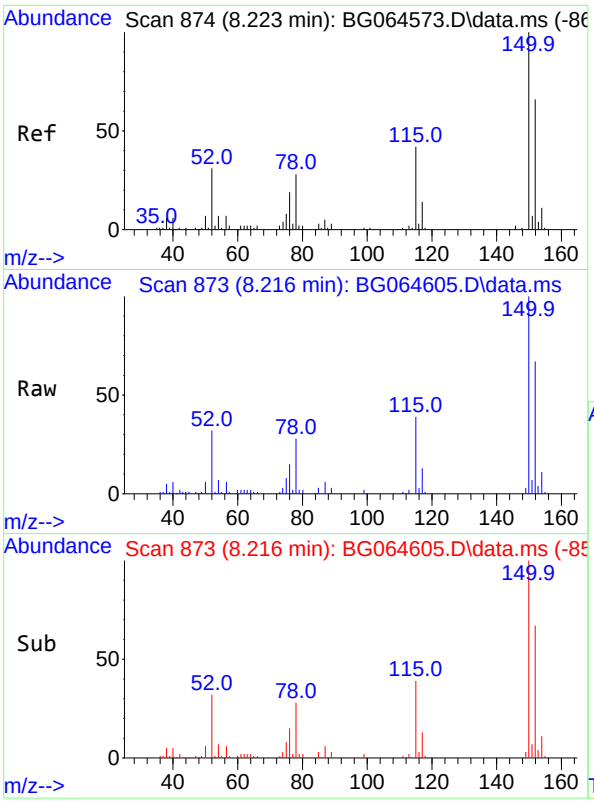
TP-11

Quant Time: Oct 28 17:49:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



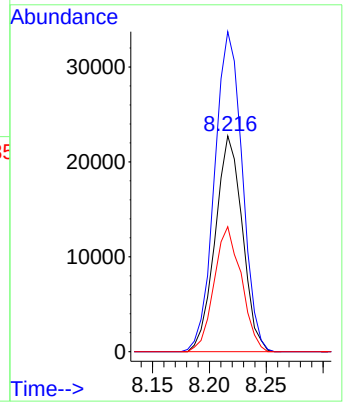


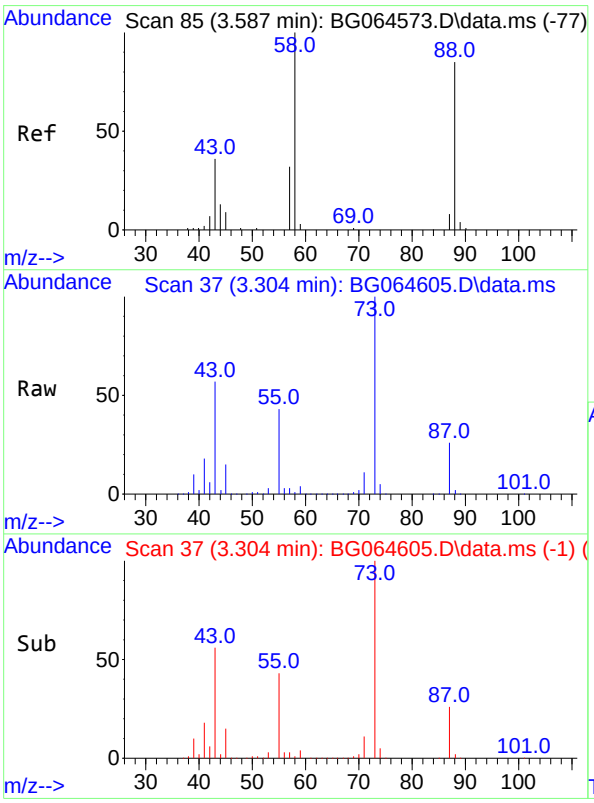
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:152 Resp: 37823

Ion	Ratio	Lower	Upper
152	100		
150	148.3	122.2	183.4
115	57.9	50.8	76.2

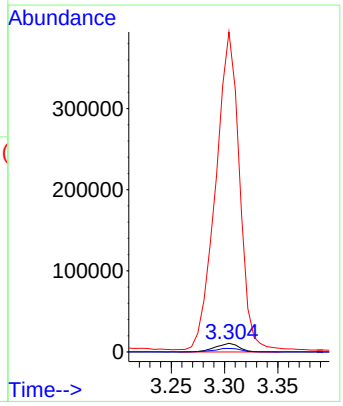


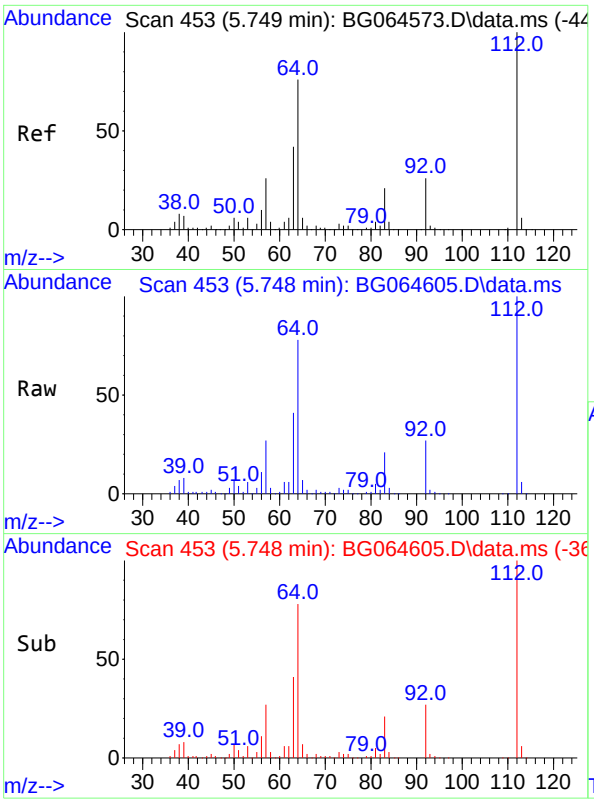


#2
1,4-Dioxane
Concen: 16.632 ng
RT: 3.304 min Scan# 37
Delta R.T. -0.287 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion: 88 Resp: 16593

Ion	Ratio	Lower	Upper
88	100		
58	47.6	92.4	138.6#
43	3690.8	33.0	49.6#



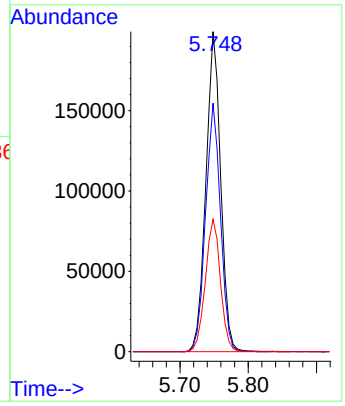


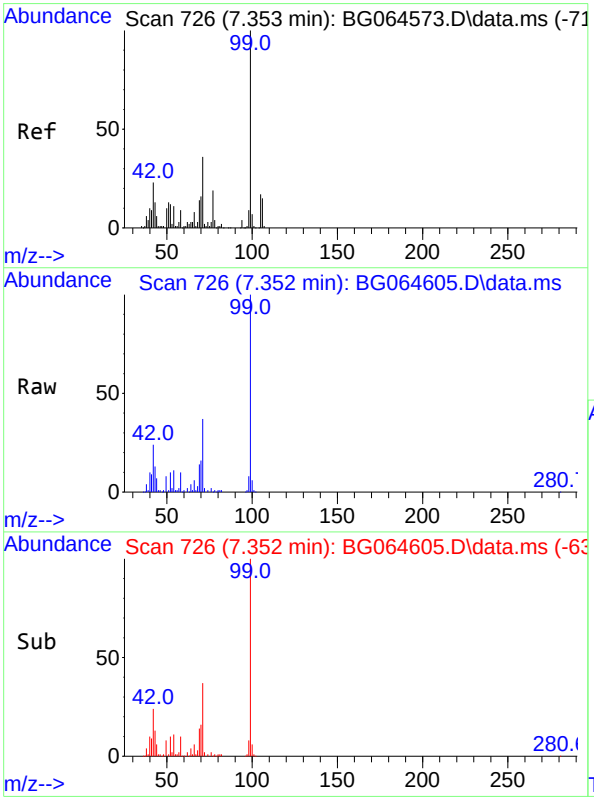
#5
2-Fluorophenol
Concen: 133.049 ng
RT: 5.748 min Scan# 4
Delta R.T. 0.001 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:112 Resp: 299811

Ion	Ratio	Lower	Upper
112	100		
64	77.7	60.7	91.1
63	41.4	33.4	50.0

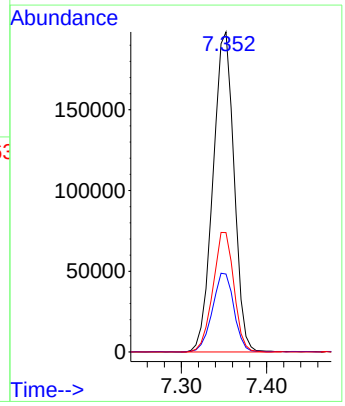


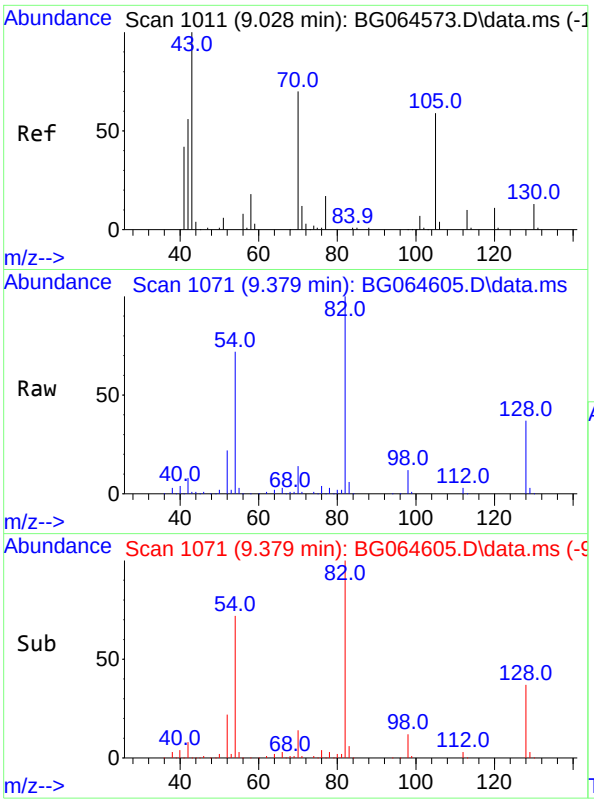


#7
Phenol-d6
Concen: 109.866 ng
RT: 7.352 min Scan# 726
Delta R.T. -0.004 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion: 99 Resp: 339718

Ion	Ratio	Lower	Upper
99	100		
42	24.4	18.3	27.5
71	37.3	28.6	43.0



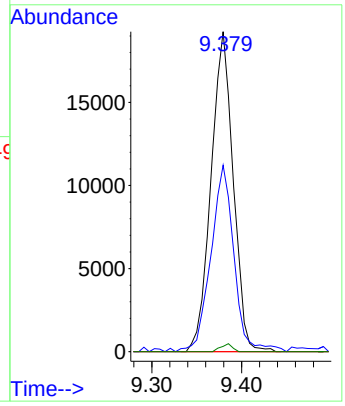


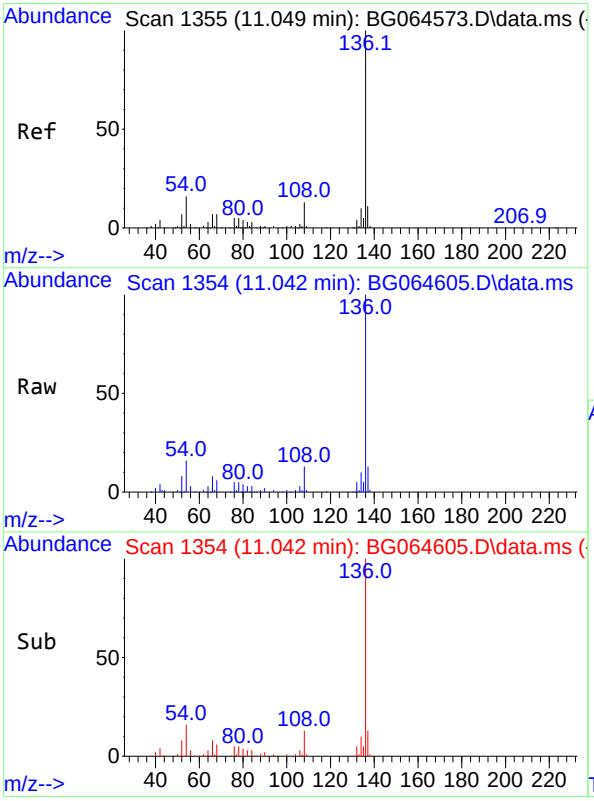
#19
n-Nitroso-di-n-propylamine
Concen: 15.434 ng
RT: 9.379 min Scan# 1
Delta R.T. 0.348 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion: 70 Resp: 32982

Ion	Ratio	Lower	Upper
70	100		
42	58.3	65.2	97.8#
101	0.0	7.9	11.9#
130	1.6	14.3	21.5#

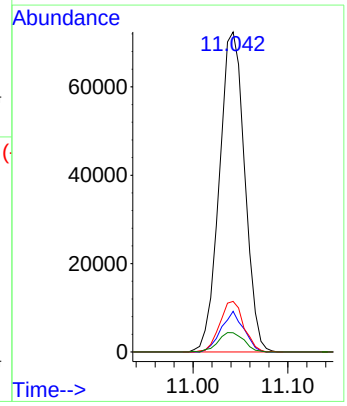


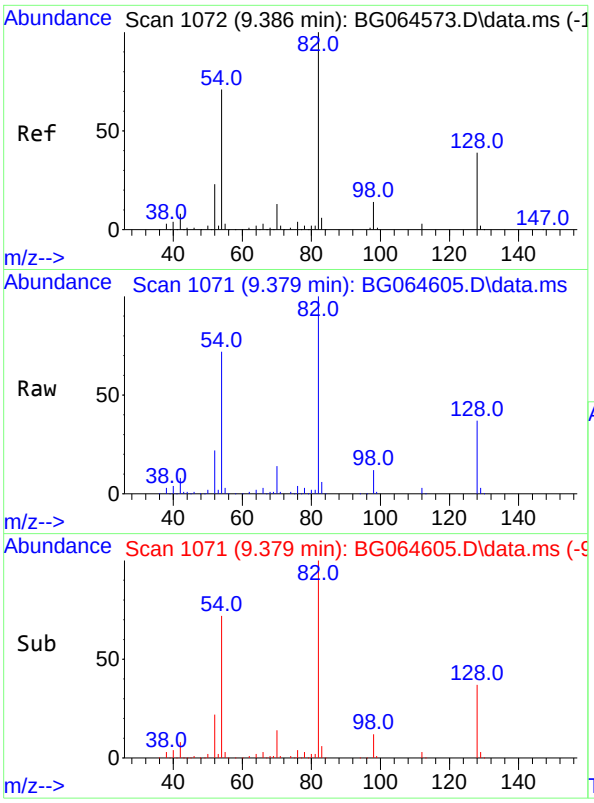


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.042 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:136 Resp: 134572

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.2	13.8
54	15.8	12.6	19.0
68	6.0	5.7	8.5



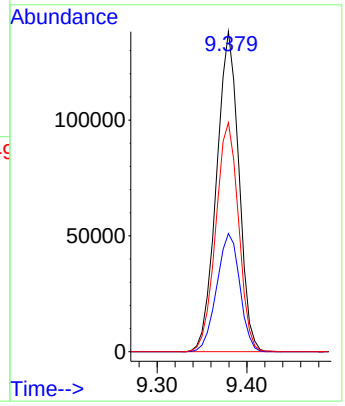


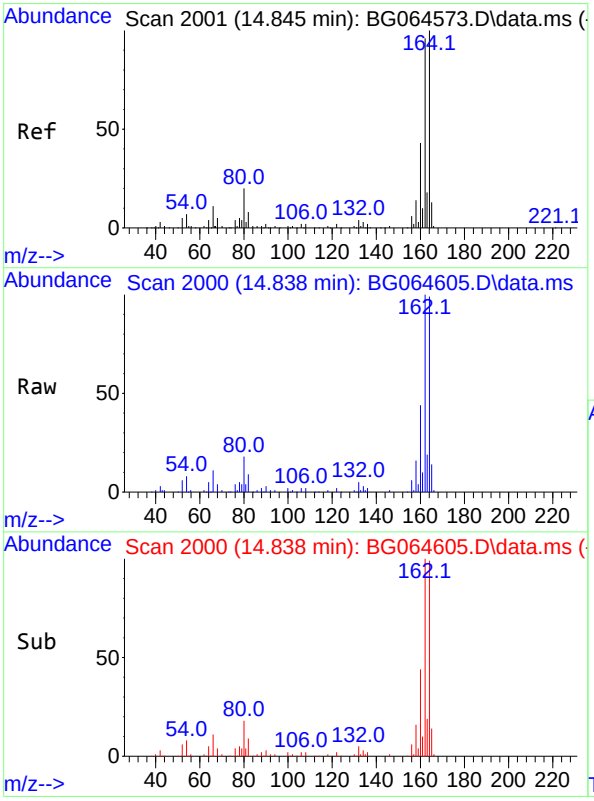
#23
Nitrobenzene-d5
Concen: 106.505 ng
RT: 9.379 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion: 82 Resp: 238628

Ion	Ratio	Lower	Upper
82	100		
128	36.9	31.3	46.9
54	71.6	56.6	84.8

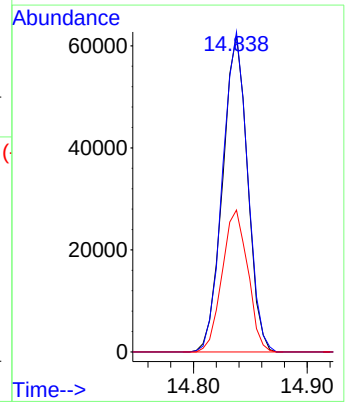


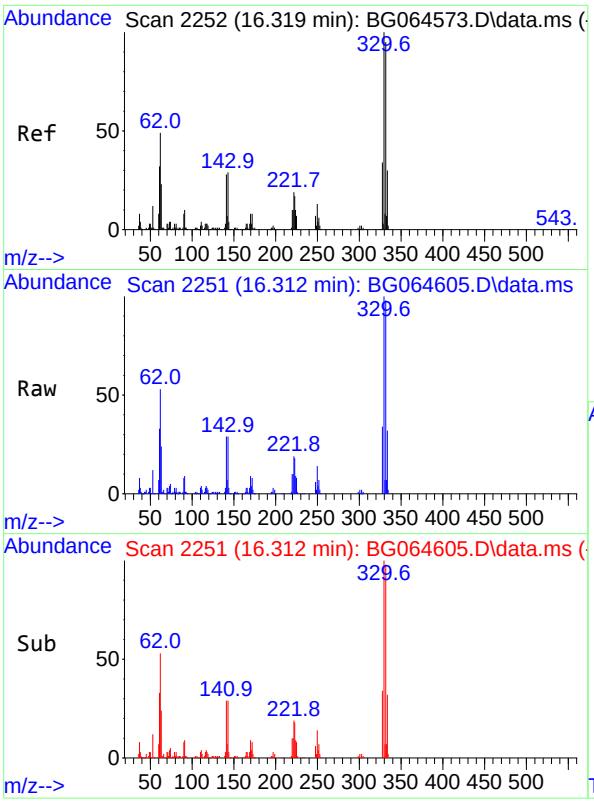


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:164 Resp: 94334

Ion	Ratio	Lower	Upper
164	100		
162	101.1	77.0	115.6
160	44.8	34.4	51.6



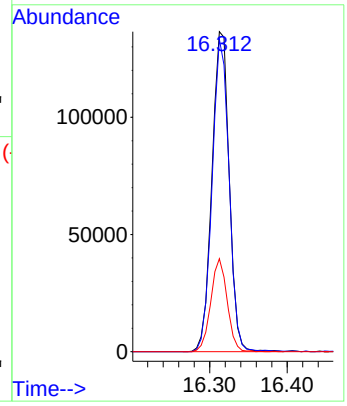


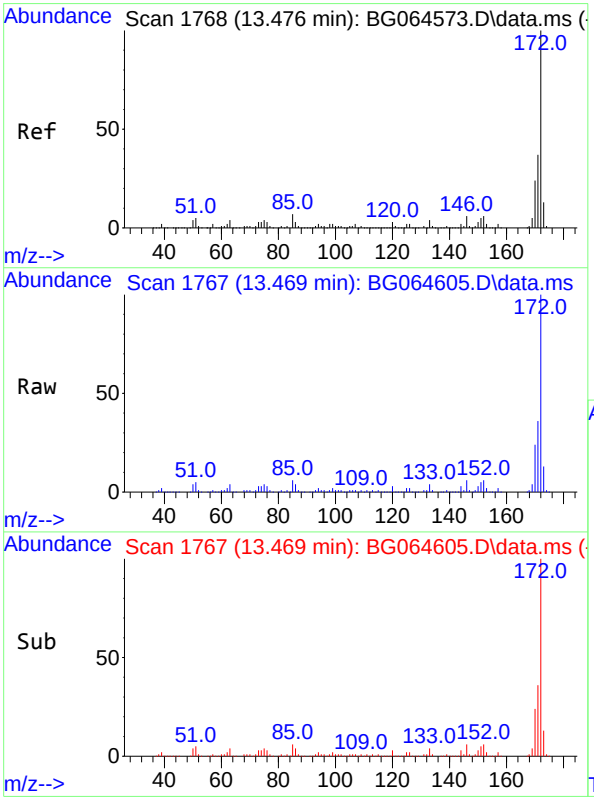
#42
2,4,6-Tribromophenol
Concen: 155.020 ng
RT: 16.312 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:330 Resp: 211063

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	27.6	21.8	32.6

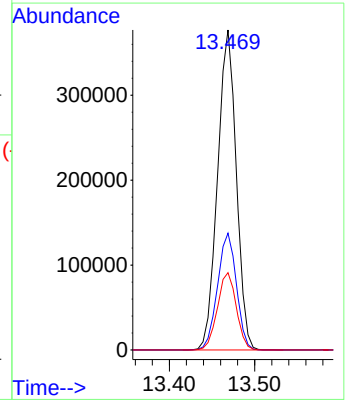


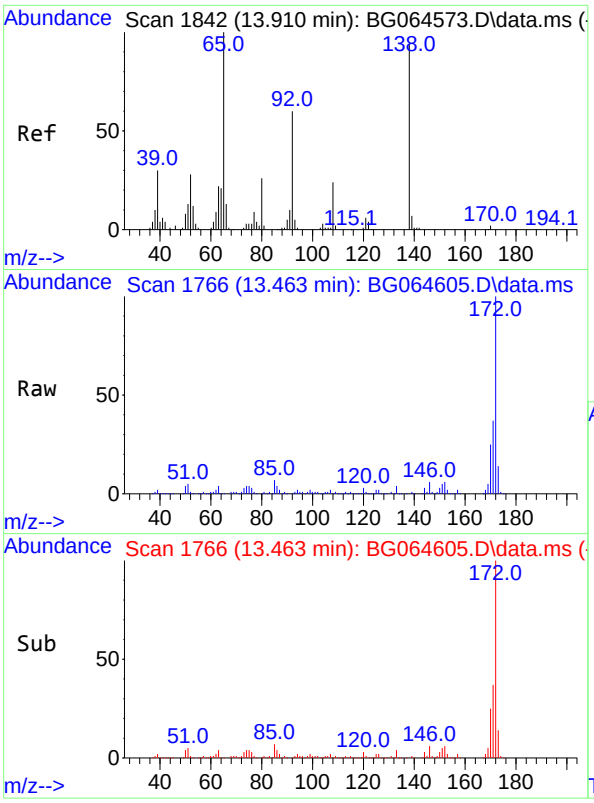


#45
2-Fluorobiphenyl
Concen: 92.548 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:172 Resp: 575985

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.1	19.1	28.7



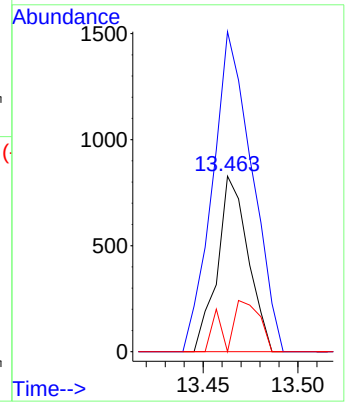


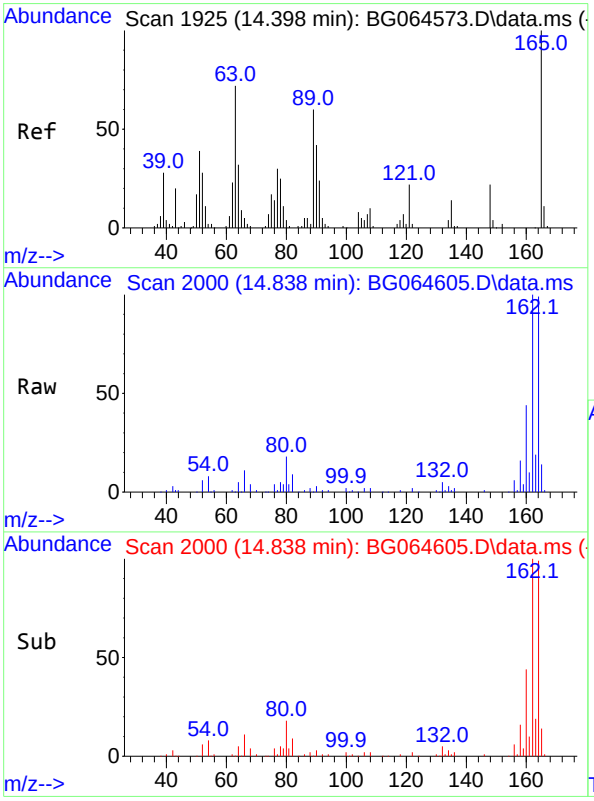
#48
2-Nitroaniline
Concen: 3.738 ng
RT: 13.463 min Scan# 1
Delta R.T. -0.451 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion: 65 Resp: 934

Ion	Ratio	Lower	Upper
65	100		
92	182.2	48.3	72.5#
138	0.0	74.9	112.3#

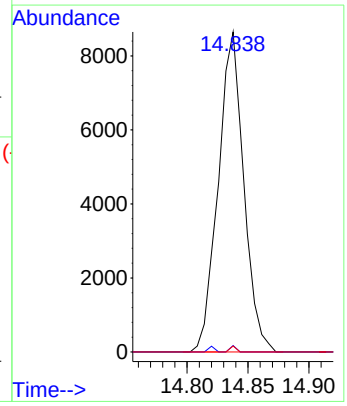


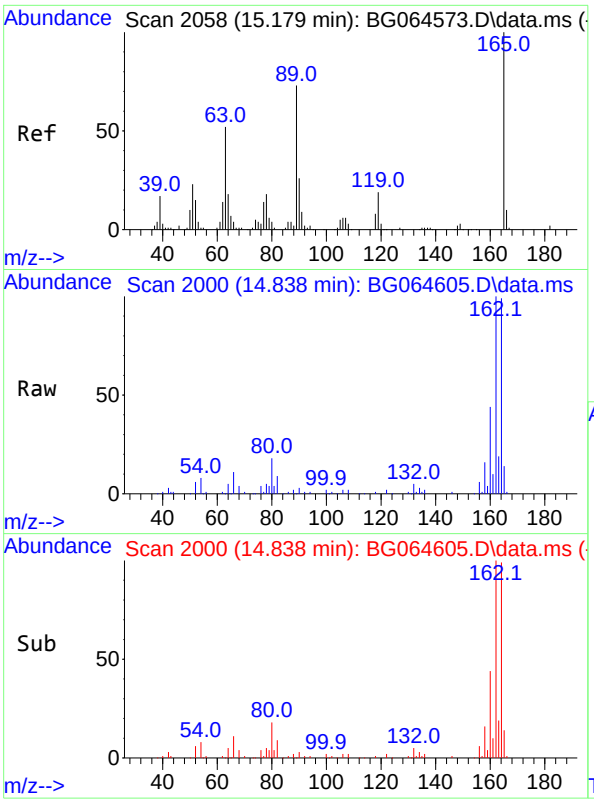


#51
2,6-Dinitrotoluene
Concen: 13.060 ng
RT: 14.838 min Scan# 2000
Delta R.T. 0.436 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:165 Resp: 12589

Ion	Ratio	Lower	Upper
165	100		
63	2.0	57.4	86.0#
89	1.8	47.8	71.8#



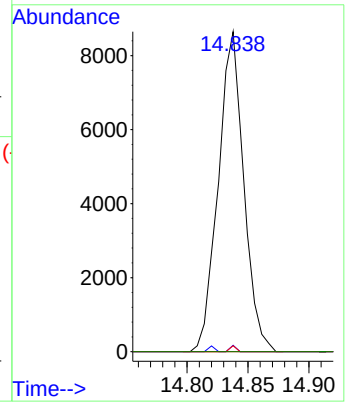


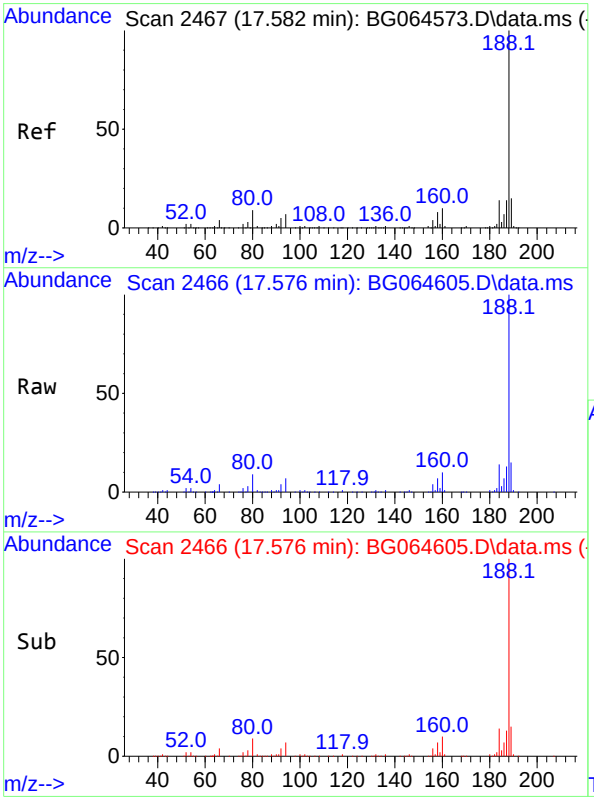
#57
2,4-Dinitrotoluene
Concen: 9.453 ng
RT: 14.838 min Scan# 2
Delta R.T. -0.351 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:165 Resp: 12589

Ion	Ratio	Lower	Upper
165	100		
63	2.0	41.8	62.8#
89	1.8	58.1	87.1#
182	0.0	1.4	2.0#

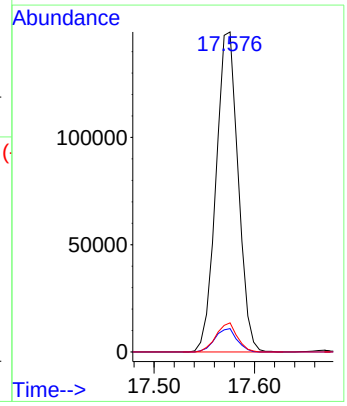


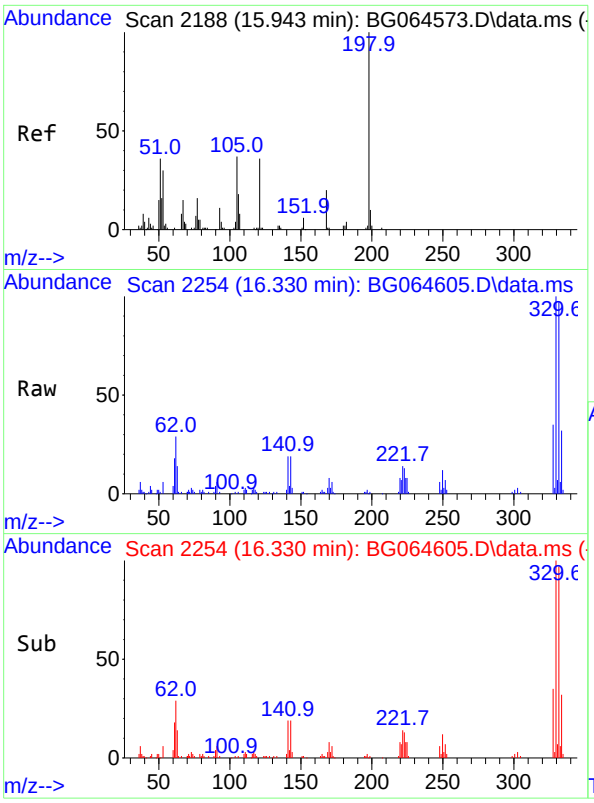


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:188 Resp: 228206

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	9.1	6.8	10.2



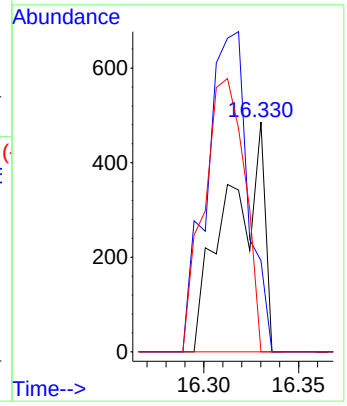


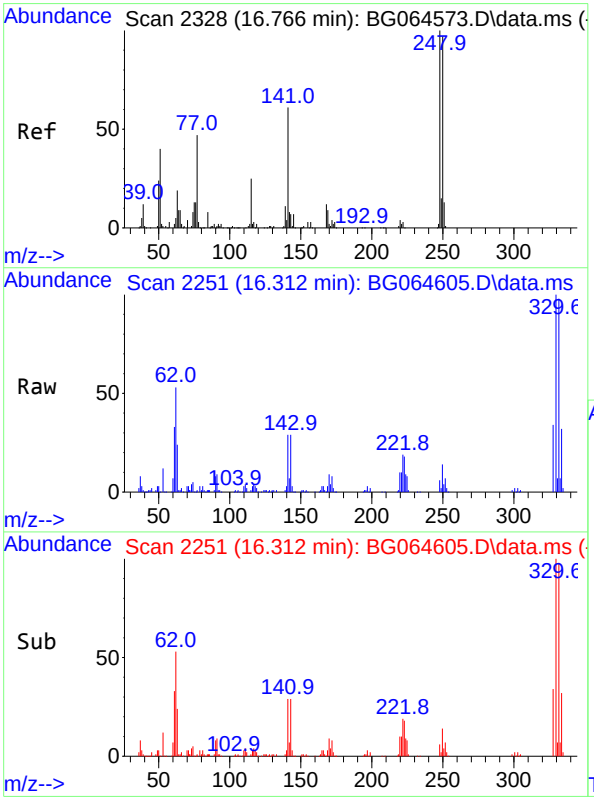
#65
4,6-Dinitro-2-methylphenol
Concen: 5.995 ng
RT: 16.330 min Scan# 2
Delta R.T. 0.383 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:198 Resp: 643

Ion	Ratio	Lower	Upper
198	100		
51	39.7	24.7	64.7
105	0.0	18.0	58.0#

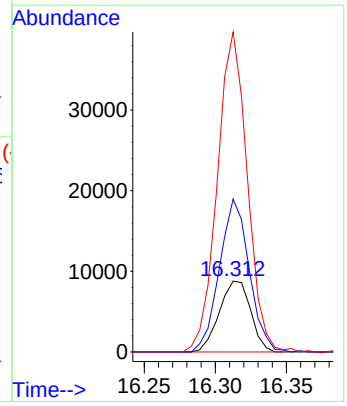


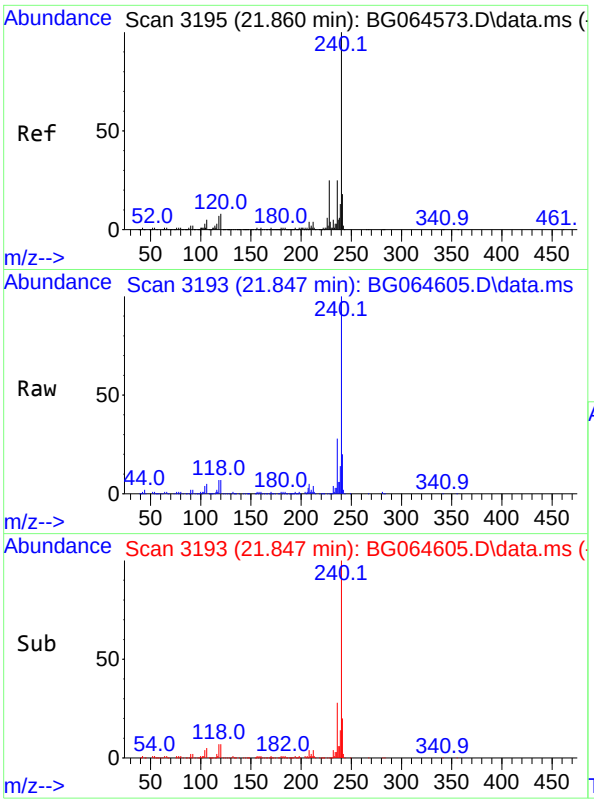


#67
4-Bromophenyl-phenylether
Concen: 4.965 ng
RT: 16.312 min Scan# 2251
Delta R.T. -0.457 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:248 Resp: 13428

Ion	Ratio	Lower	Upper
248	100		
250	208.3	77.7	116.5#
141	333.8	48.6	72.8#



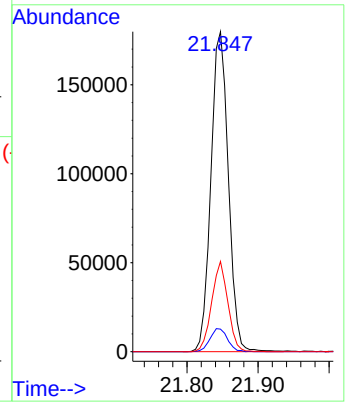


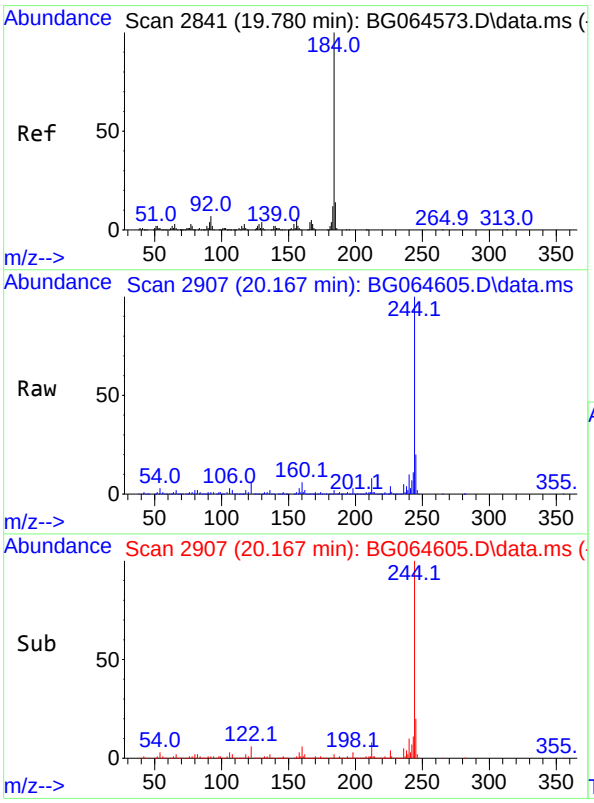
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.847 min Scan# 3
Delta R.T. -0.016 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:240 Resp: 306261

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.5	9.7
236	28.2	20.2	30.2

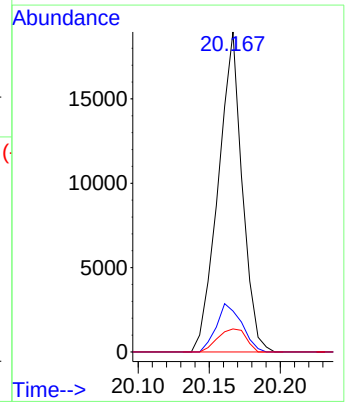


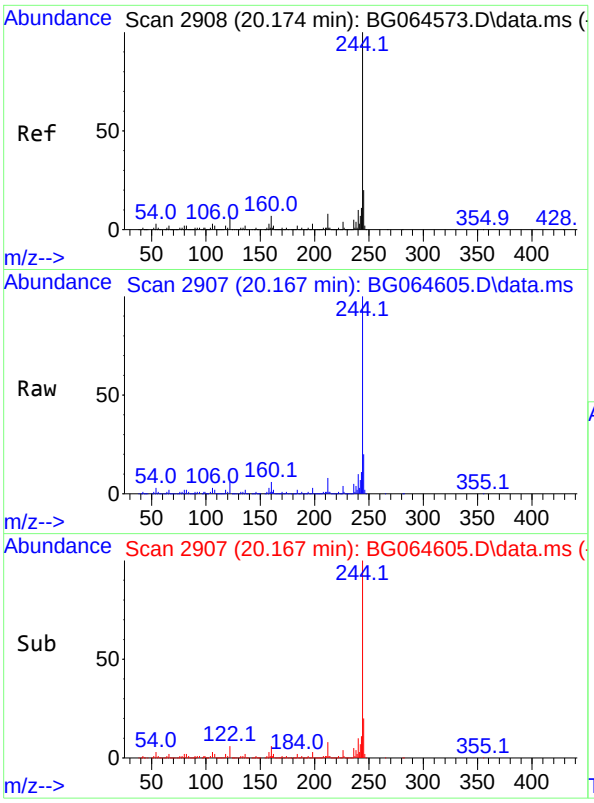


#77
Benzidine
Concen: 3.245 ng
RT: 20.167 min Scan# 2907
Delta R.T. 0.383 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:184 Resp: 22263

Ion	Ratio	Lower	Upper
184	100		
185	12.8	11.4	17.2
183	7.2	9.4	14.2#



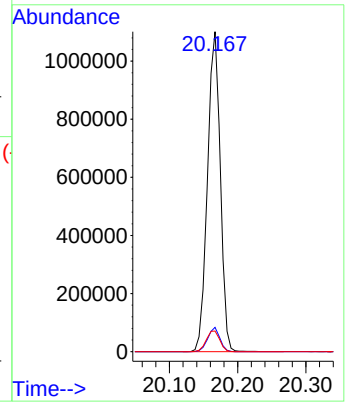


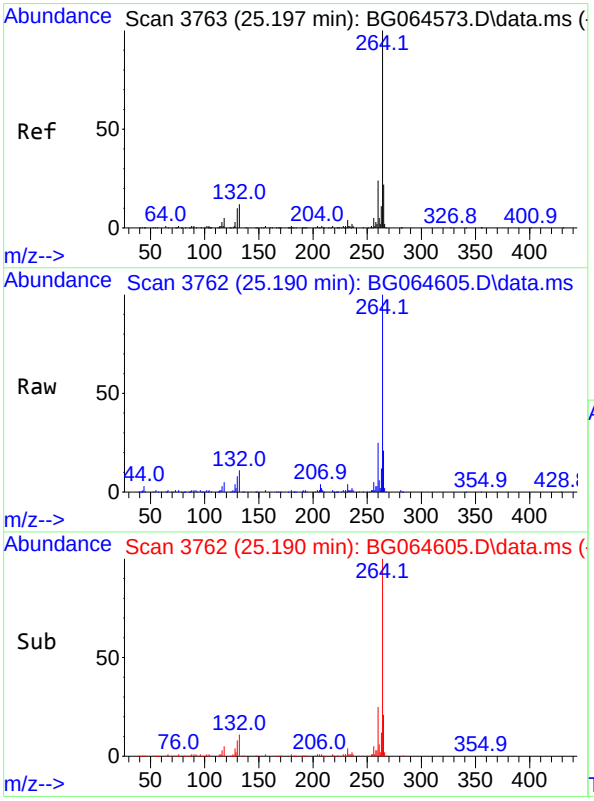
#79
Terphenyl-d14
Concen: 88.709 ng
RT: 20.167 min Scan# 2
Delta R.T. -0.010 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:244 Resp: 1439632

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	6.4	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.190 min Scan# 3762
Delta R.T. -0.010 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:264 Resp: 331023

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	21.1	17.6	26.4