Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064936.D
Acq On : 11 Dec 2025 16:14
Operator : RC/JU
Sample : Q3814-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5

Quant Time: Dec 11 16:50:58 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	8.152	152	18481	20.000	ng	-0.01
21) Naphthalene-d8	10.972	136	67998	20.000	ng	#-0.01
39) Acenaphthene-d10	14.768	164	60122	20.000	ng	0.00
64) Phenanthrene-d10	17.494	188	163994	20.000	ng	# 0.00
76) Chrysene-d12	21.742	240	208700	20.000	ng	#-0.02
86) Perylene-d12	25.003	264	226718	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	120419	113.780	ng	0.00
7) Phenol-d6	7.300	99	139377	99.014	ng	0.00
23) Nitrobenzene-d5	9.315	82	108067	78.578	ng	-0.02
42) 2,4,6-Tribromophenol	16.243	330	205923	175.618	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	361913	83.995	ng	-0.02
79) Terphenyl-d14	20.085	244	1025706	96.677	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	1246	3.041	ng	# 1
19) n-Nitroso-di-n-propyla...	9.315	70	15449	16.232	ng	# 72
51) 2,6-Dinitrotoluene	14.768	165	7895	8.639	ng	# 21
57) 2,4-Dinitrotoluene	14.768	165	7895	5.762	ng	# 24
67) 4-Bromophenyl-phenylether	16.243	248	11878	5.515	ng	# 1
70) Pentachlorophenol	17.165	266	463	6.420	ng	# 57
77) Benzidine	20.085	184	14410	2.306	ng	# 92

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

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Sample : Q3814-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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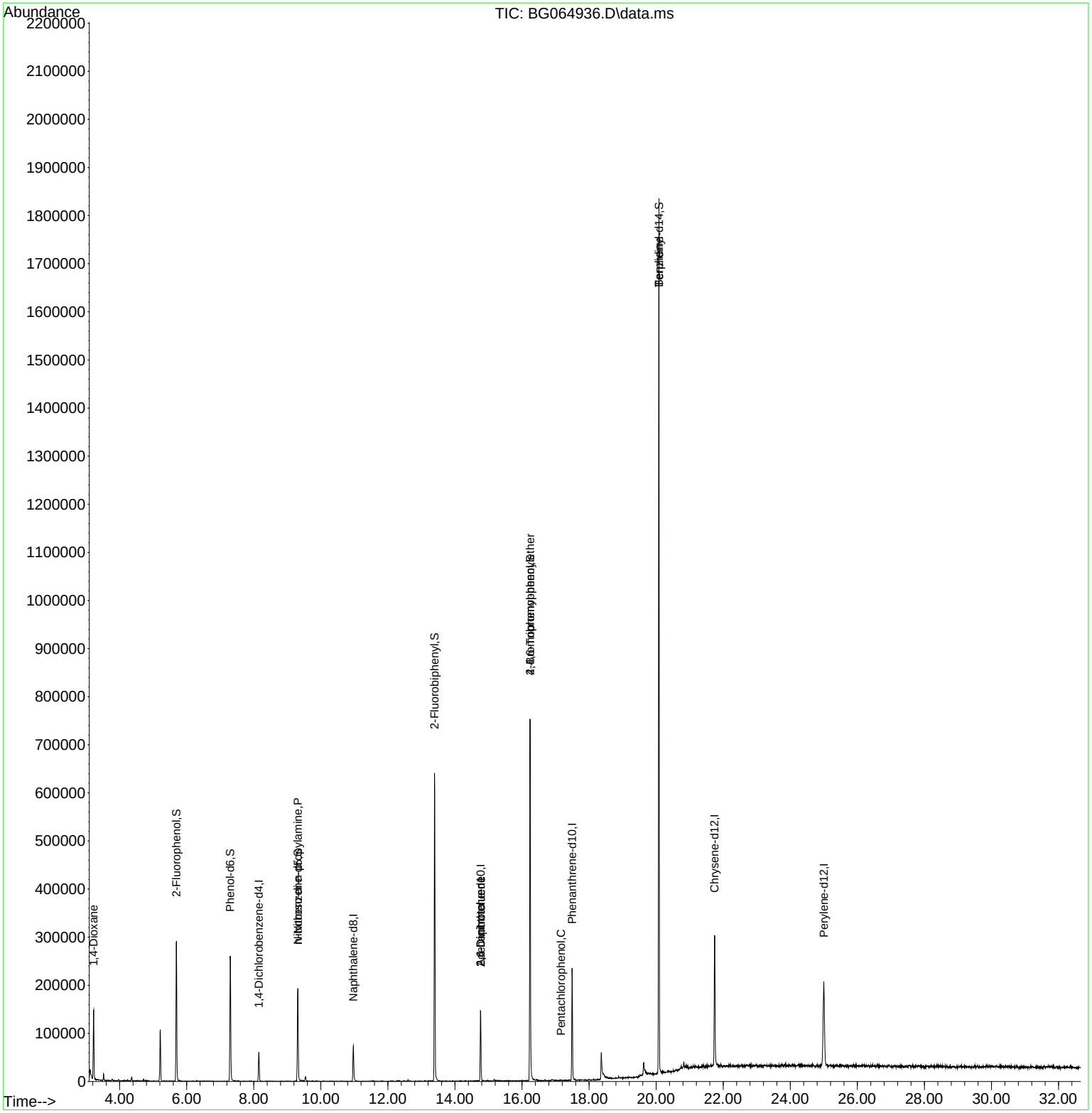
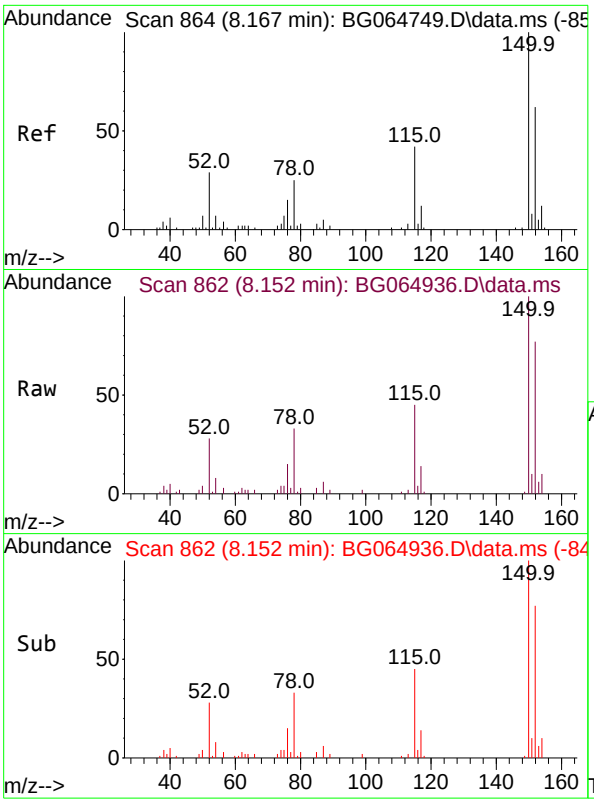


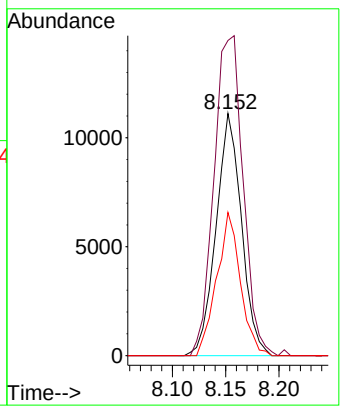


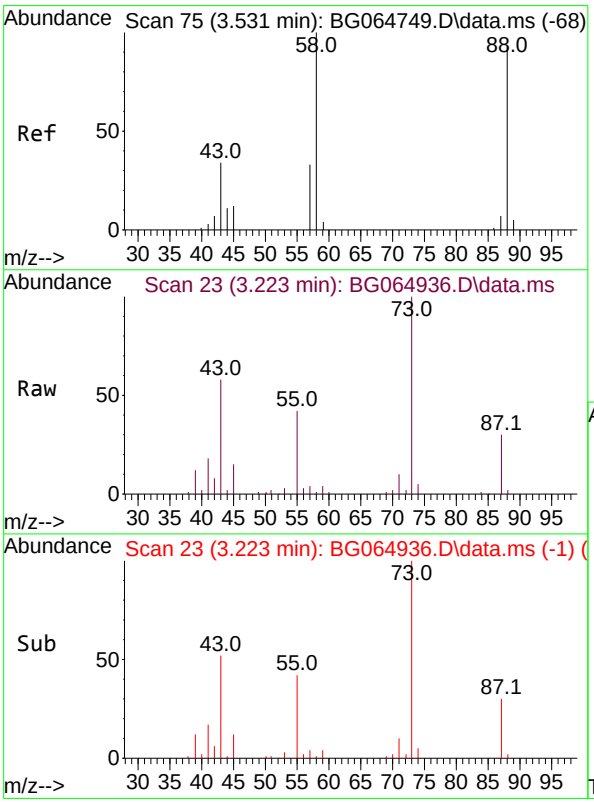
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.015 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 18481

Ion	Ratio	Lower	Upper
152	100		
150	130.2	129.2	193.8
115	59.1	53.7	80.5

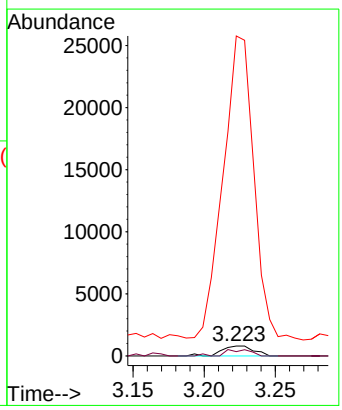


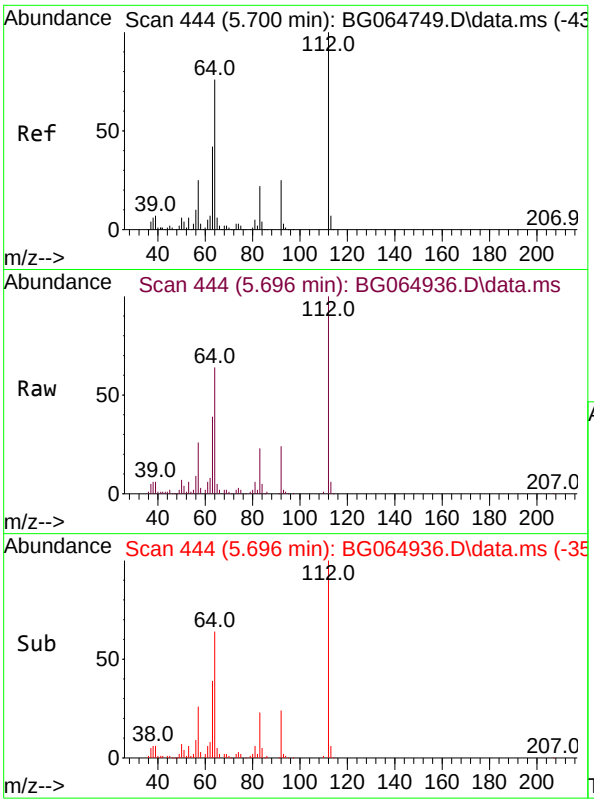


#2
1,4-Dioxane
Concen: 3.041 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.309 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion: 88 Resp: 1246

Ion	Ratio	Lower	Upper
88	100		
58	51.6	84.6	126.8#
43	3004.3	30.0	45.0#



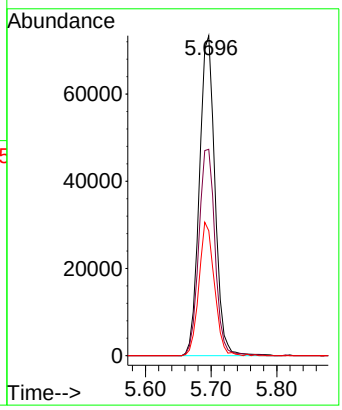


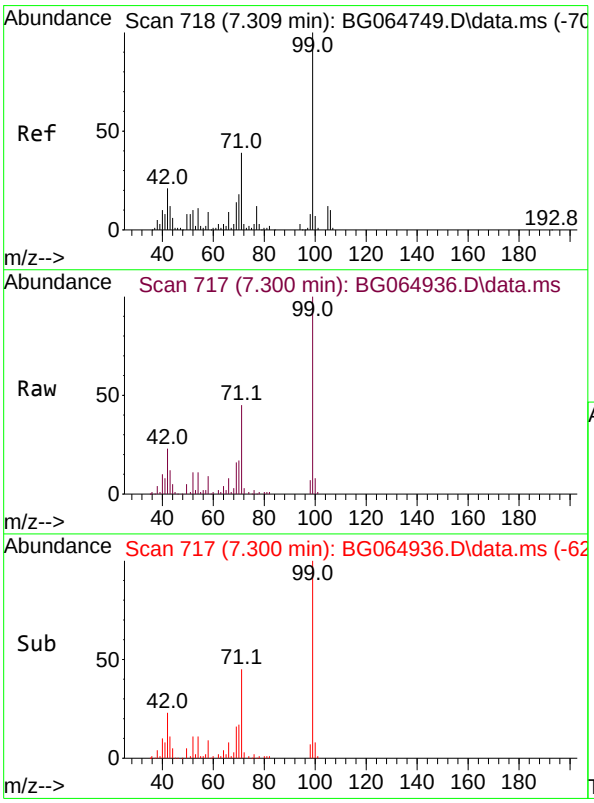
#5
2-Fluorophenol
Concen: 113.780 ng
RT: 5.696 min Scan# 44
Delta R.T. -0.003 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:112 Resp: 120419

Ion	Ratio	Lower	Upper
112	100		
64	64.5	61.0	91.4
63	39.0	33.3	49.9

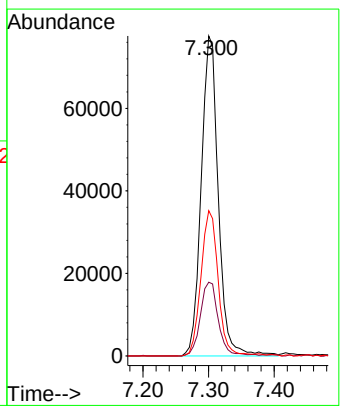


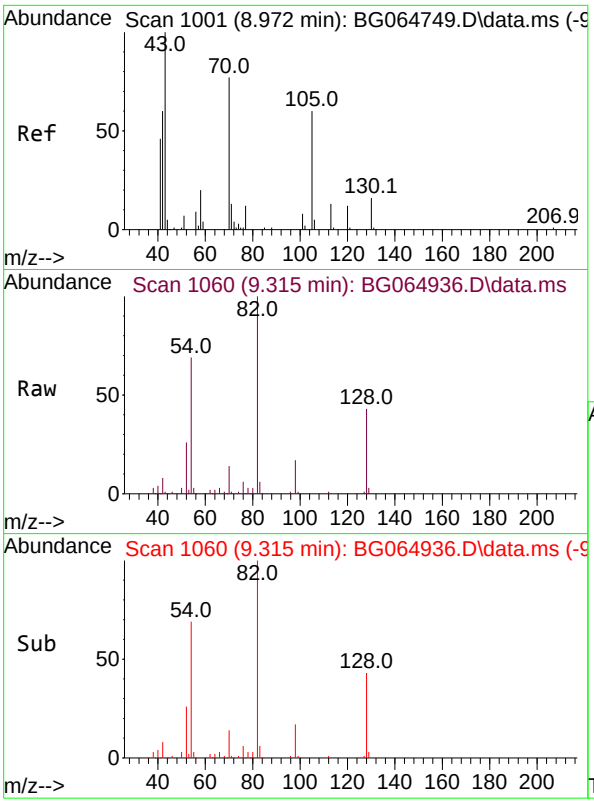


#7
Phenol-d6
Concen: 99.014 ng
RT: 7.300 min Scan# 717
Delta R.T. -0.009 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion: 99 Resp: 139377

Ion	Ratio	Lower	Upper
99	100		
42	23.0	16.8	25.2
71	45.4	31.1	46.7



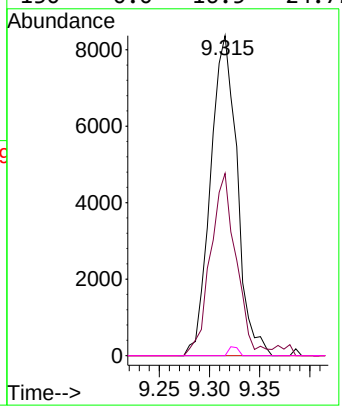


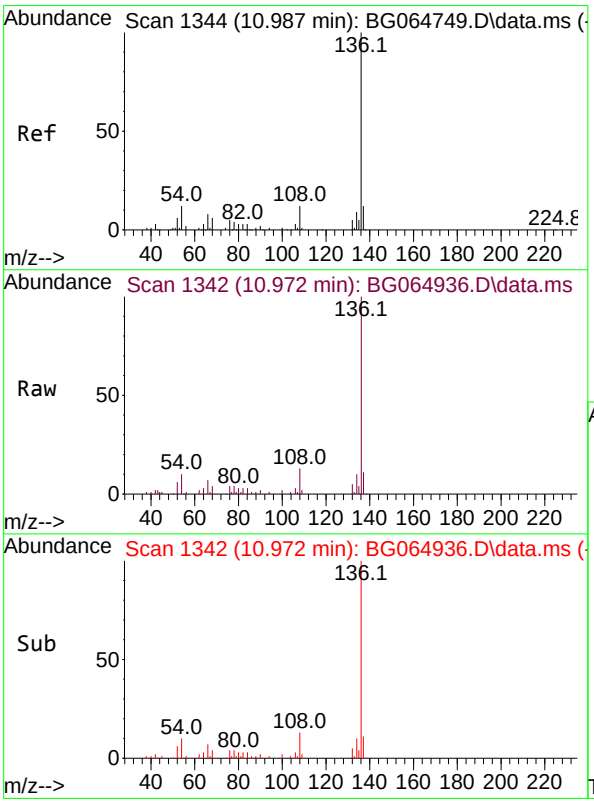
#19
n-Nitroso-di-n-propylamine
Concen: 16.232 ng
RT: 9.315 min Scan# 10
Delta R.T. 0.343 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion: 70 Resp: 15449

Ion	Ratio	Lower	Upper
70	100		
42	56.9	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#

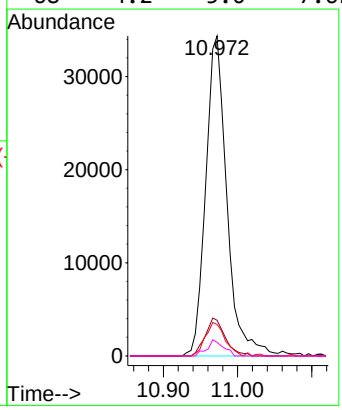


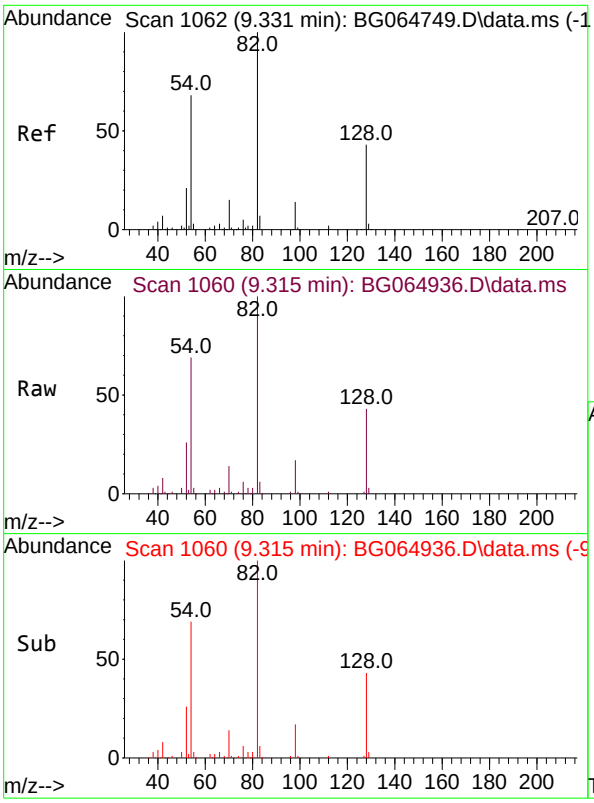


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion:136 Resp: 67998

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	9.8	9.3	13.9
68	4.2	5.0	7.6#



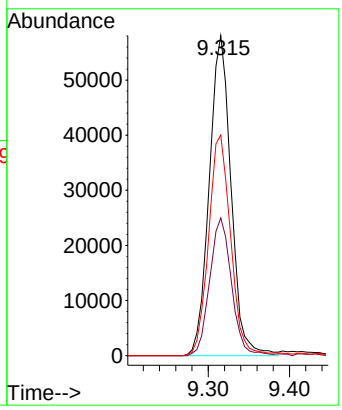


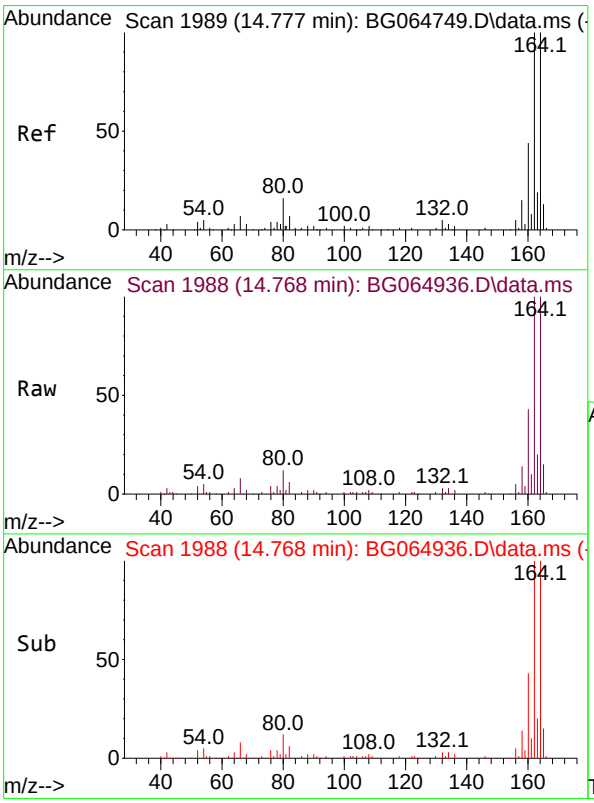
#23
Nitrobenzene-d5
Concen: 78.578 ng
RT: 9.315 min Scan# 10
Delta R.T. -0.015 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 108067

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.1	51.1
54	68.9	54.3	81.5

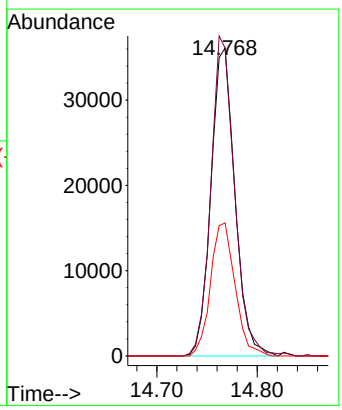


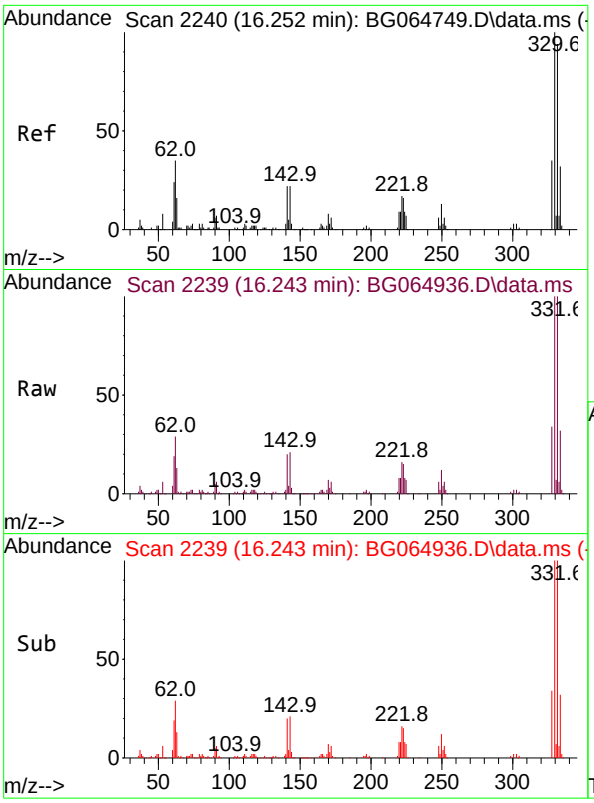


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.768 min Scan# 1988
Delta R.T. -0.009 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion:164 Resp: 60122

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.8	119.6
160	43.1	34.9	52.3



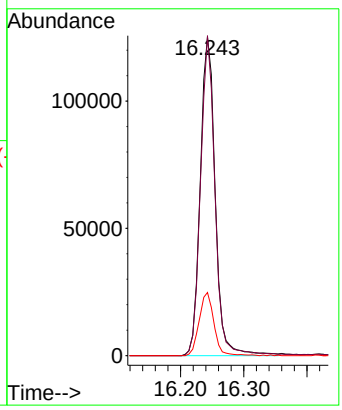


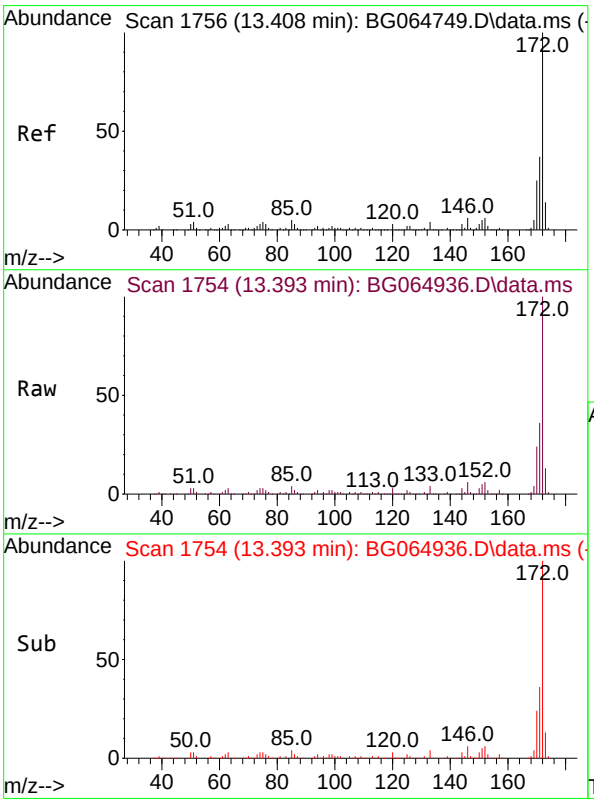
#42
2,4,6-Tribromophenol
Concen: 175.618 ng
RT: 16.243 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:330 Resp: 205923

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	19.5	18.2	27.2

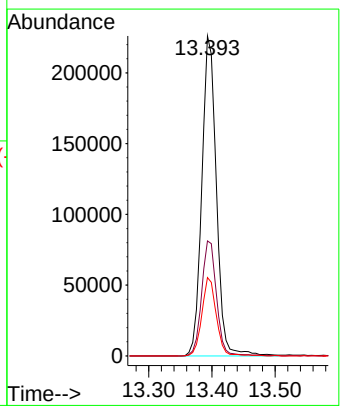


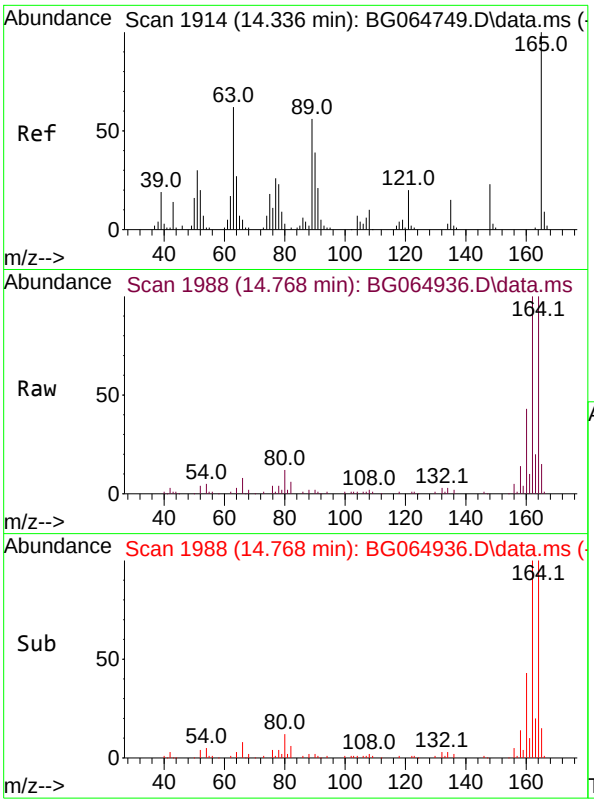


#45
2-Fluorobiphenyl
Concen: 83.995 ng
RT: 13.393 min Scan# 1754
Delta R.T. -0.015 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion:172 Resp: 361913

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	24.5	19.8	29.6



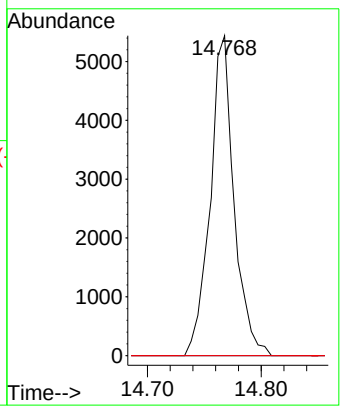


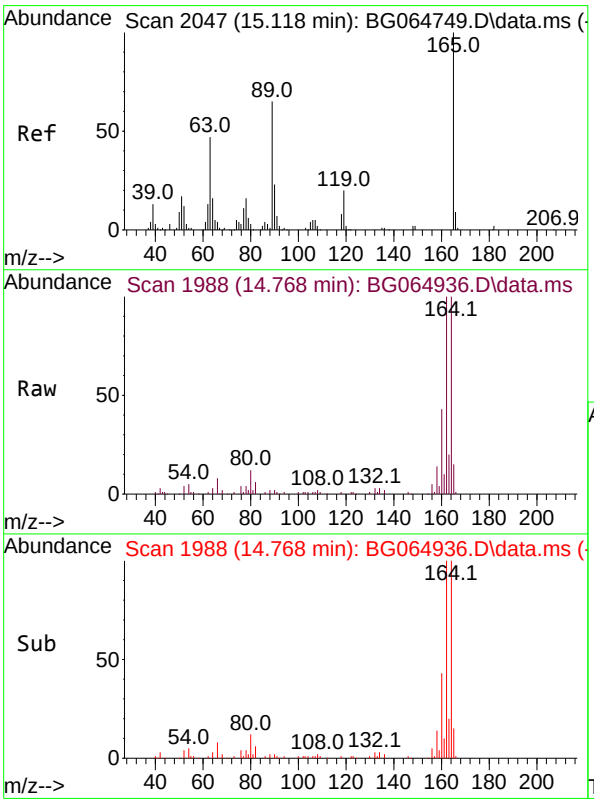
#51
2,6-Dinitrotoluene
Concen: 8.639 ng
RT: 14.768 min Scan# 19
Delta R.T. 0.431 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:165 Resp: 7895

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

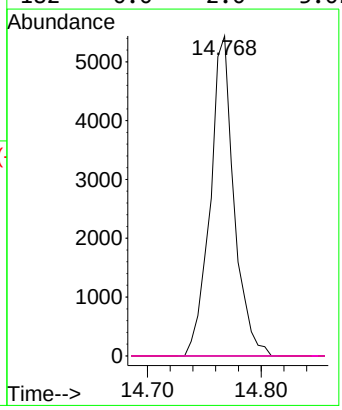


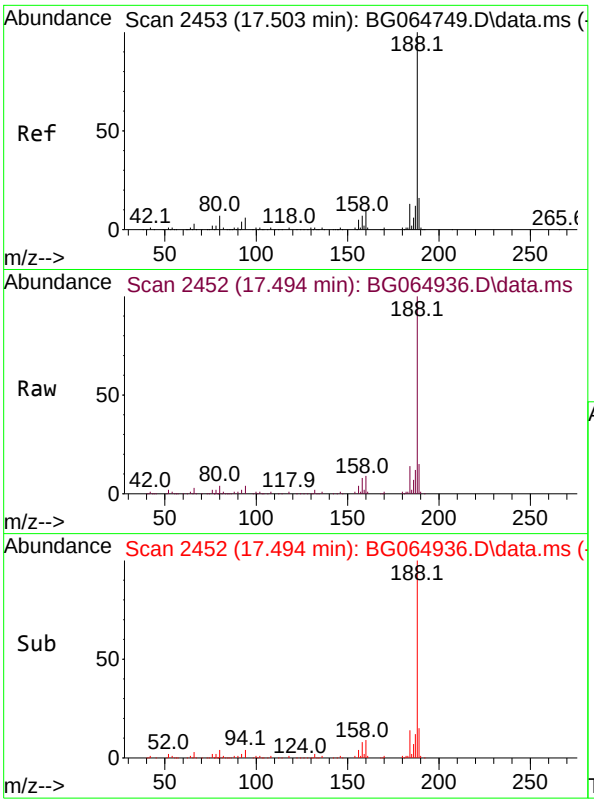


#57
2,4-Dinitrotoluene
Concen: 5.762 ng
RT: 14.768 min Scan# 1988
Delta R.T. -0.350 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion:165 Resp: 7895

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#



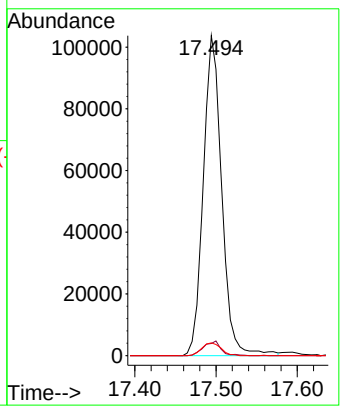


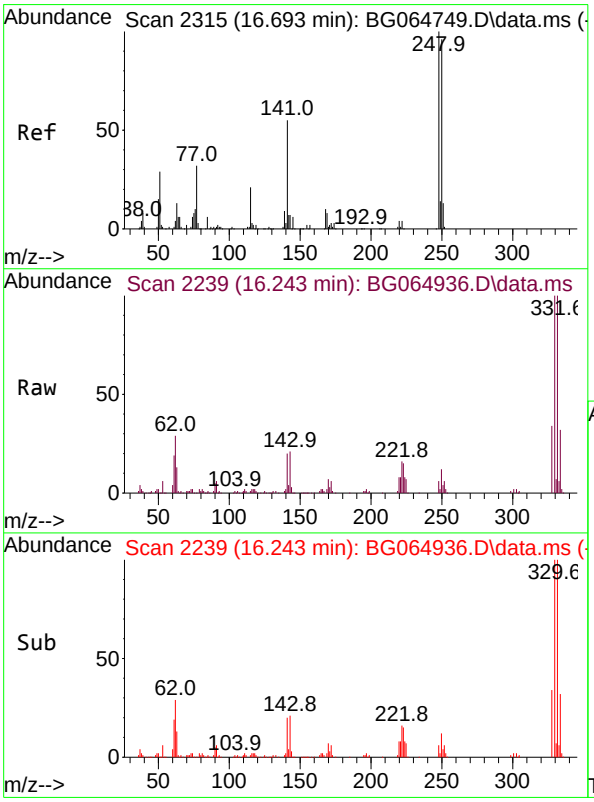
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 163994

Ion	Ratio	Lower	Upper
188	100		
94	3.8	4.7	7.1#
80	4.0	5.4	8.2#

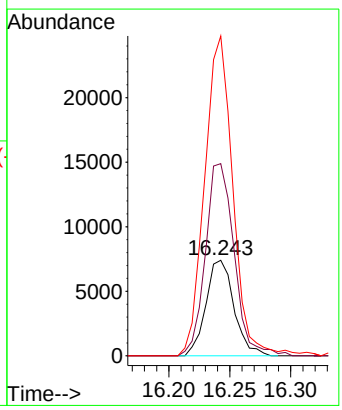


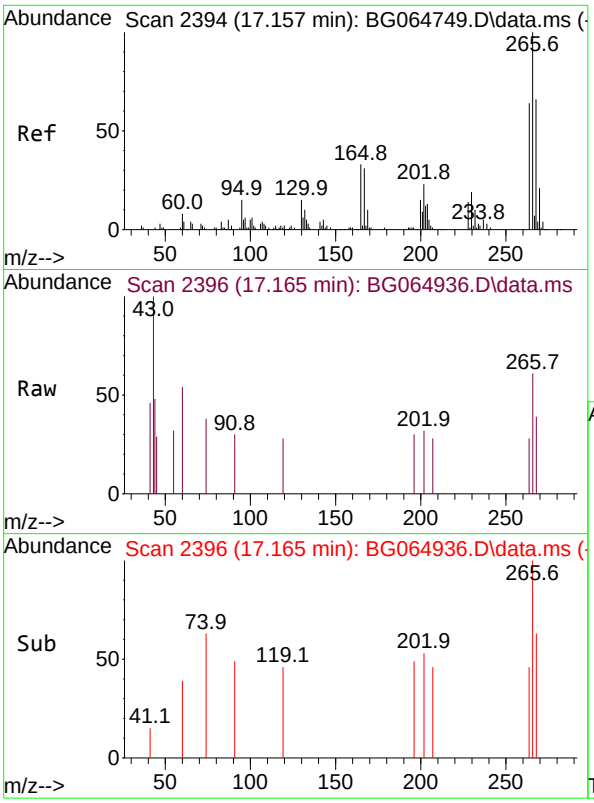


#67
4-Bromophenyl-phenylether
Concen: 5.515 ng
RT: 16.243 min Scan# 2239
Delta R.T. -0.450 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion:248 Resp: 11878

Ion	Ratio	Lower	Upper
248	100		
250	151.0	77.0	115.6#
141	251.4	43.7	65.5#



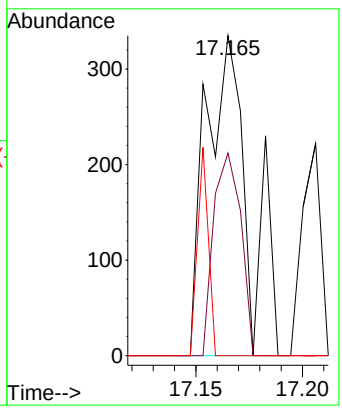


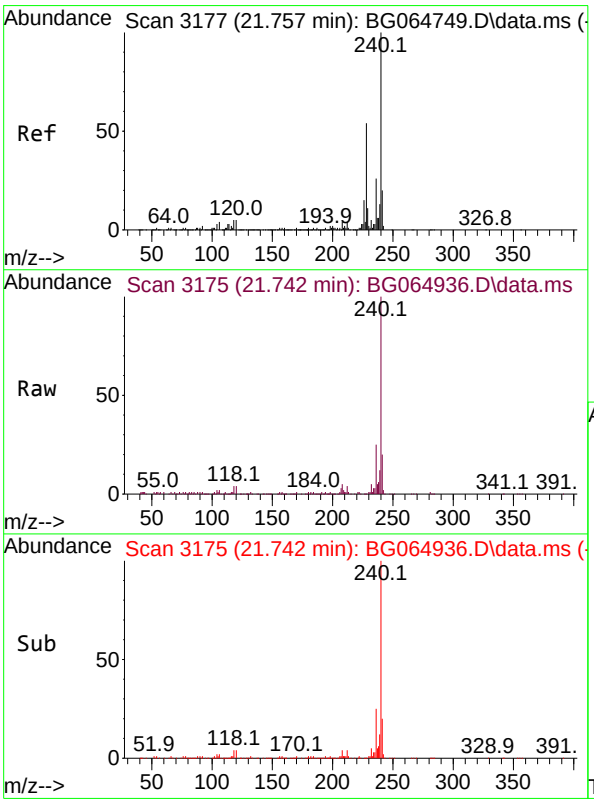
#70
Pentachlorophenol
Concen: 6.420 ng
RT: 17.165 min Scan# 2
Delta R.T. 0.008 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:266 Resp: 463

Ion	Ratio	Lower	Upper
266	100		
268	63.3	56.1	84.1
264	0.0	51.2	76.8#

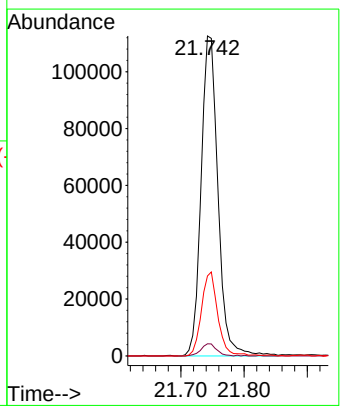


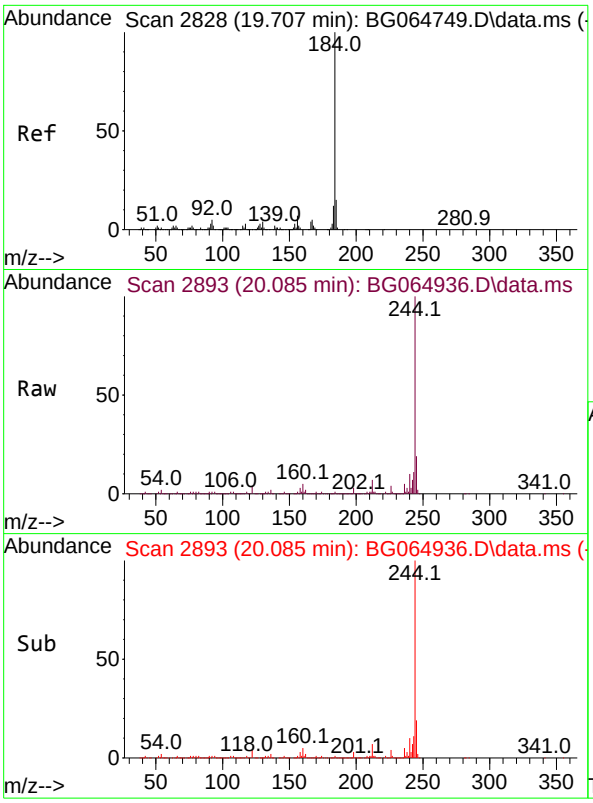


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.015 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion:240 Resp: 208700

Ion	Ratio	Lower	Upper
240	100		
120	3.8	4.2	6.4#
236	25.0	20.8	31.2



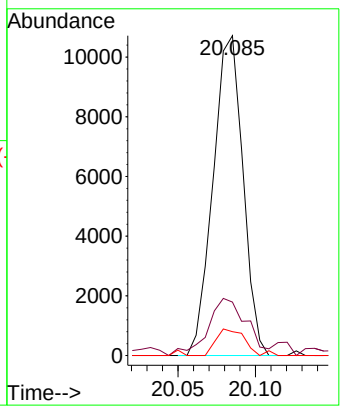


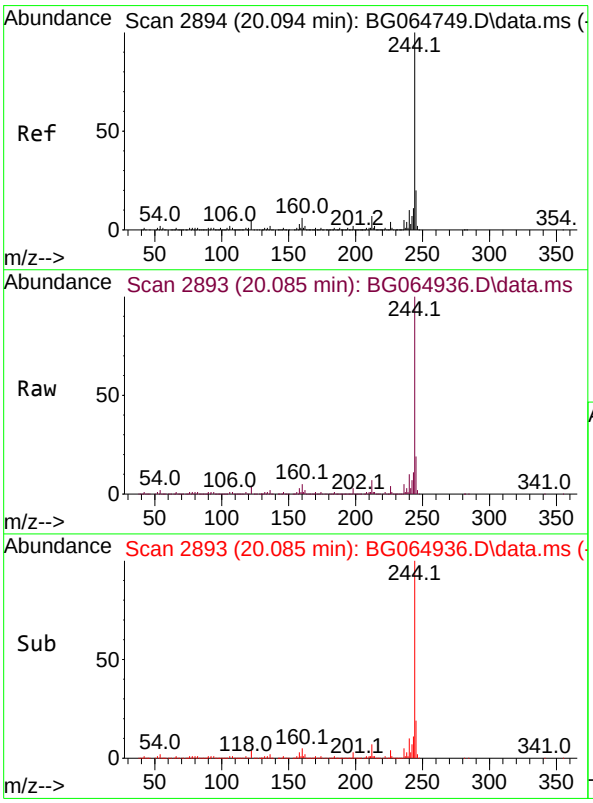
#77
Benzidine
Concen: 2.306 ng
RT: 20.085 min Scan# 28
Delta R.T. 0.378 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:184 Resp: 14410

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.8	17.6
183	7.5	9.8	14.6#

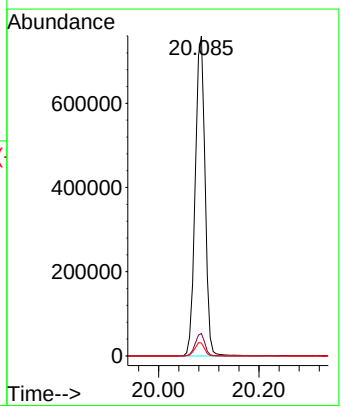


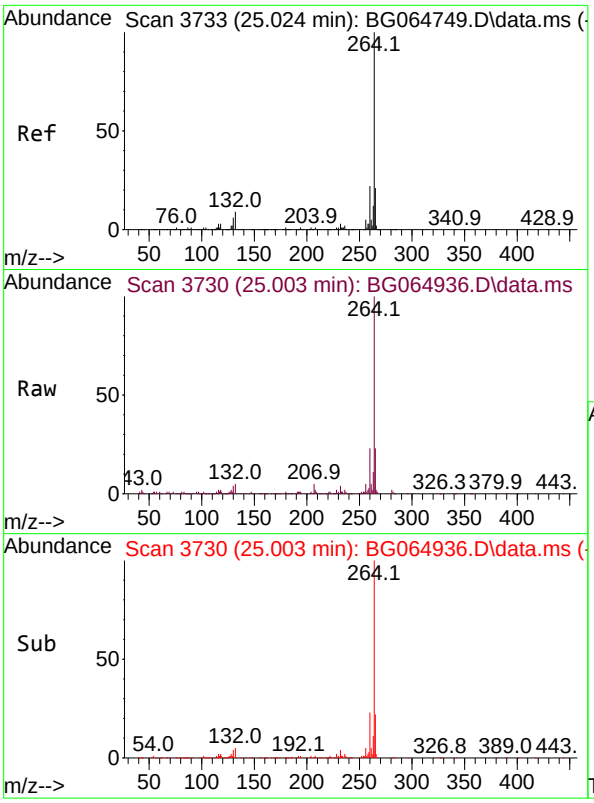


#79
Terphenyl-d14
Concen: 96.677 ng
RT: 20.085 min Scan# 2893
Delta R.T. -0.009 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion:244 Resp: 1025706

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	4.0	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3
Delta R.T. -0.021 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 226718

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.2	25.8
265	22.6	16.6	25.0