Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064939.D
Acq On : 11 Dec 2025 18:16
Operator : RC/JU
Sample : Q3814-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 11 22:42:45 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	12753	20.000	ng	-0.02
21) Naphthalene-d8	10.972	136	45681	20.000	ng	#-0.01
39) Acenaphthene-d10	14.762	164	41364	20.000	ng	-0.02
64) Phenanthrene-d10	17.494	188	113815	20.000	ng	# 0.00
76) Chrysene-d12	21.742	240	150678	20.000	ng	#-0.02
86) Perylene-d12	25.003	264	161616	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	120174	164.549	ng	0.00
7) Phenol-d6	7.300	99	138971	143.069	ng	0.00
23) Nitrobenzene-d5	9.315	82	103418	111.934	ng	-0.02
42) 2,4,6-Tribromophenol	16.243	330	209624	259.845	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	355226	119.829	ng	-0.02
79) Terphenyl-d14	20.085	244	1089703	142.260	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	1391	4.920	ng	# 1
19) n-Nitroso-di-n-propyla...	9.309	70	14574	22.190	ng	# 69
32) Benzoic acid	10.473	122	67	5.993	ng	# 1
51) 2,6-Dinitrotoluene	14.762	165	5303	8.434	ng	# 21
57) 2,4-Dinitrotoluene	14.762	165	5303	5.626	ng	# 24
67) 4-Bromophenyl-phenylether	16.243	248	12581	8.417	ng	# 1
70) Pentachlorophenol	17.177	266	207	6.321	ng	# 53
77) Benzidine	20.079	184	14939	3.311	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064939.D
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Operator : RC/JU
Sample : Q3814-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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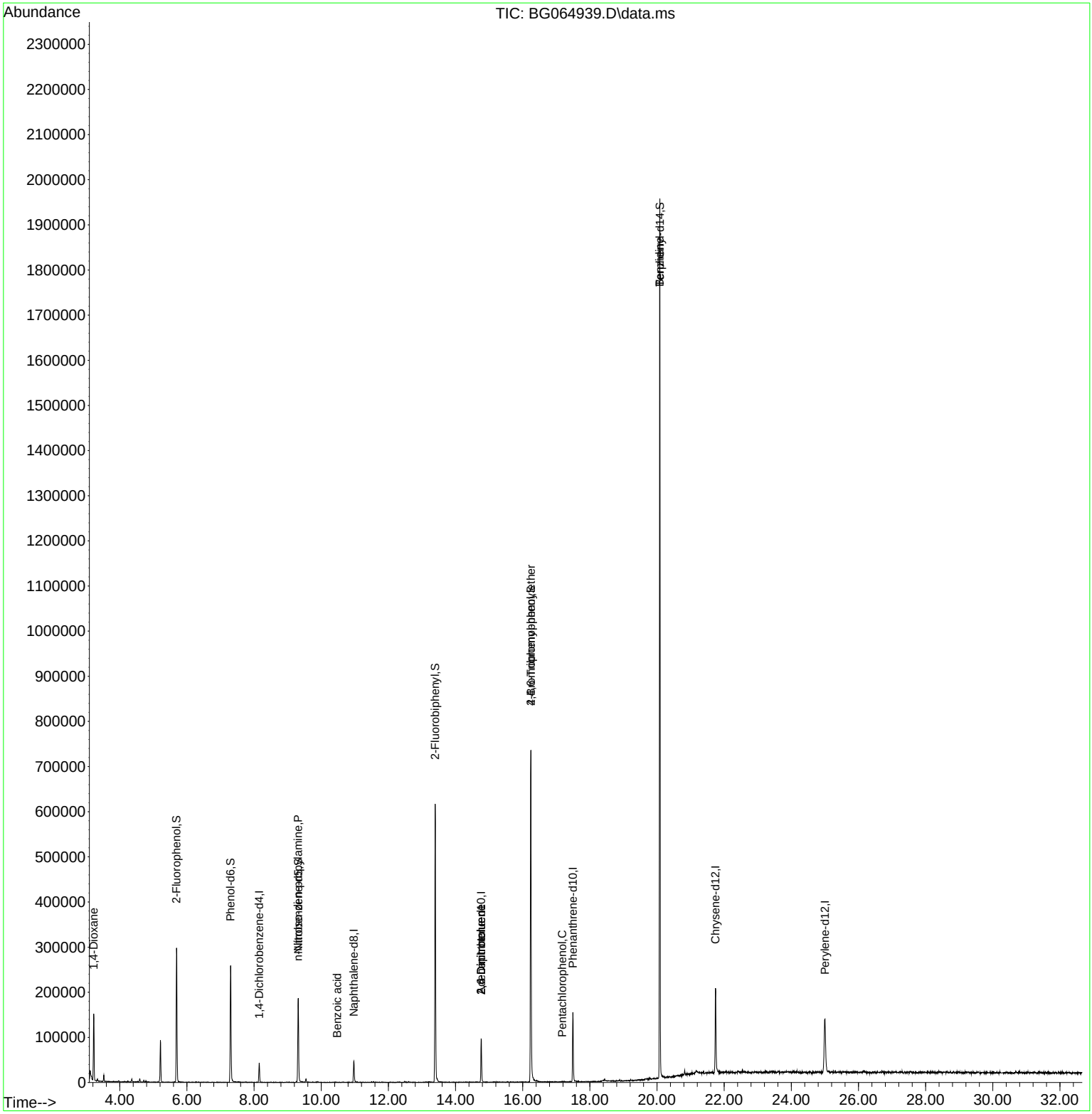
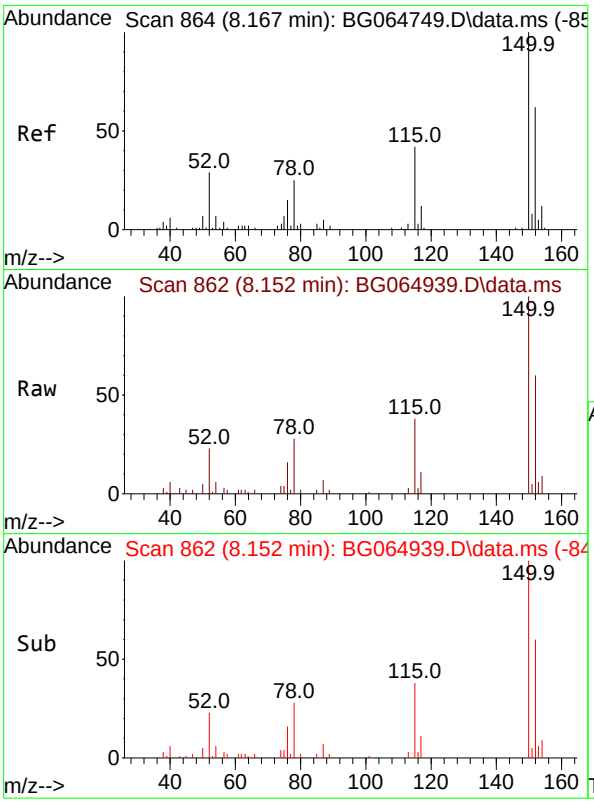


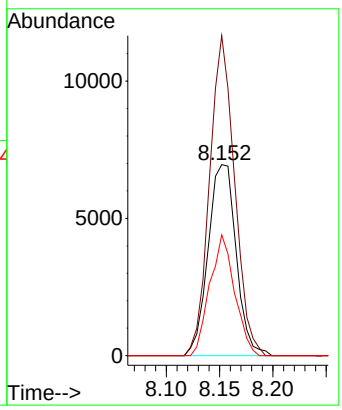


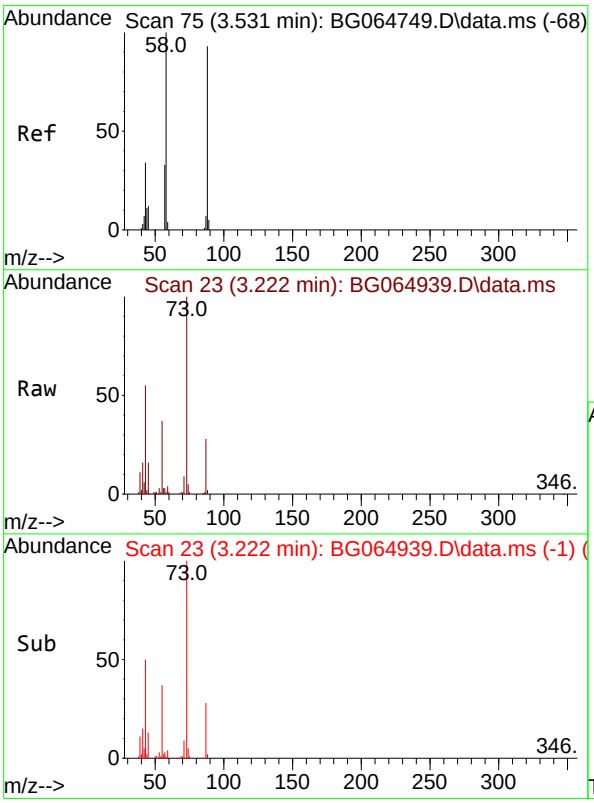
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 12753

Ion	Ratio	Lower	Upper
152	100		
150	167.5	129.2	193.8
115	63.2	53.7	80.5

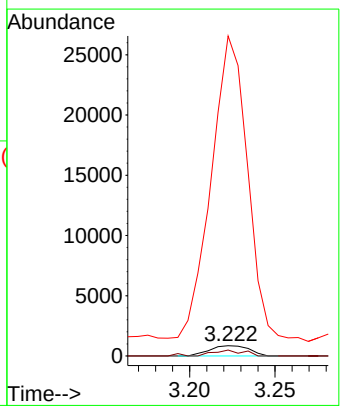


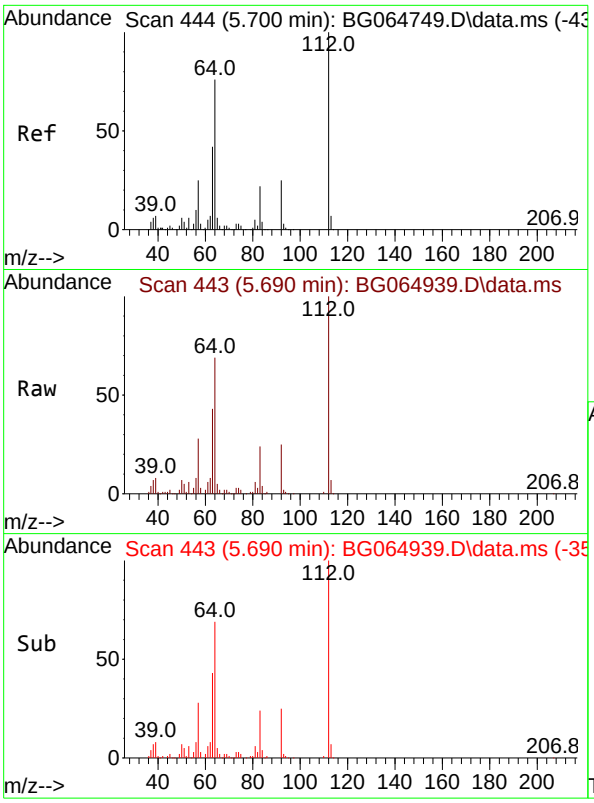


#2
1,4-Dioxane
Concen: 4.920 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.309 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion: 88 Resp: 1391

Ion	Ratio	Lower	Upper
88	100		
58	43.4	84.6	126.8#
43	2743.6	30.0	45.0#



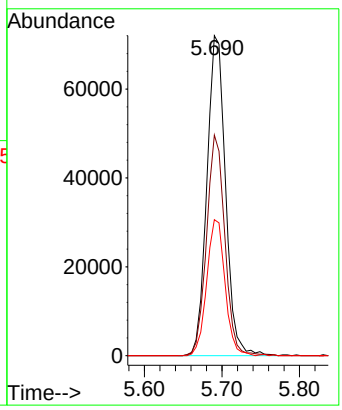


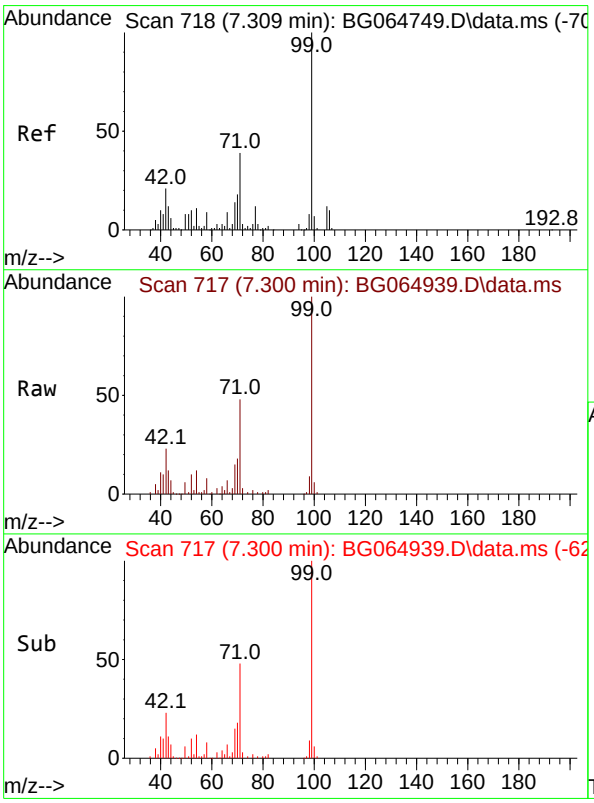
#5
2-Fluorophenol
Concen: 164.549 ng
RT: 5.690 min Scan# 44
Delta R.T. -0.009 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 120174

Ion	Ratio	Lower	Upper
112	100		
64	69.0	61.0	91.4
63	42.5	33.3	49.9

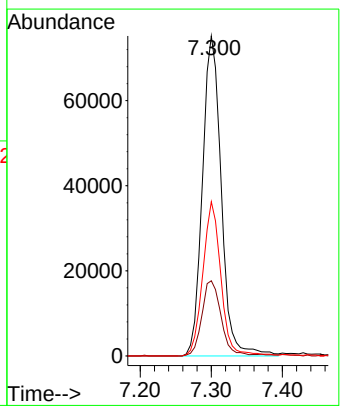


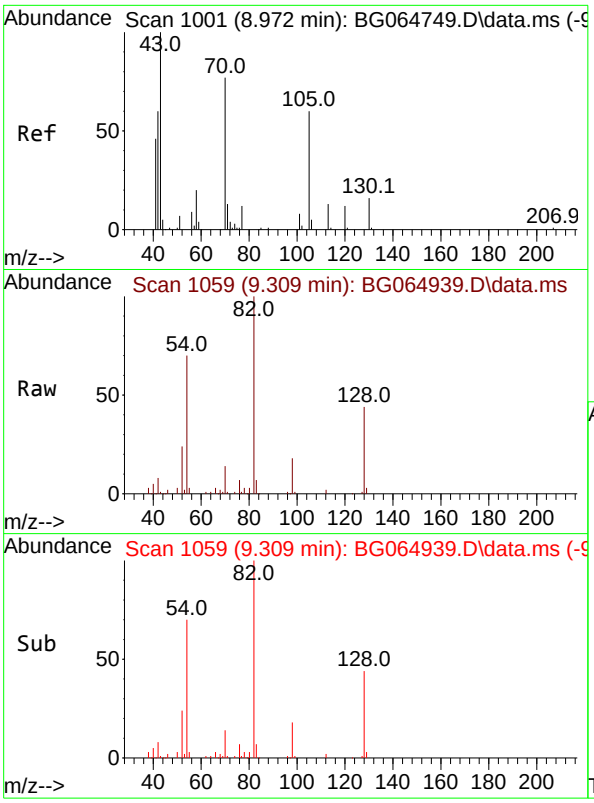


#7
Phenol-d6
Concen: 143.069 ng
RT: 7.300 min Scan# 717
Delta R.T. -0.009 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion: 99 Resp: 138971

Ion	Ratio	Lower	Upper
99	100		
42	23.5	16.8	25.2
71	48.2	31.1	46.7#



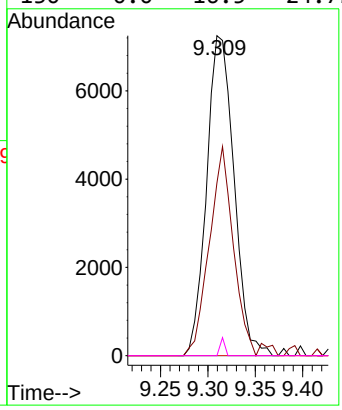


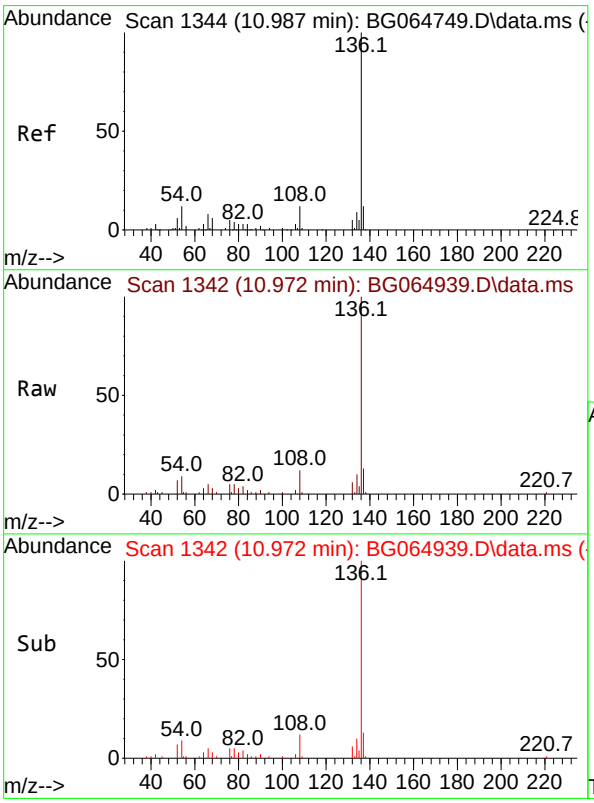
#19
n-Nitroso-di-n-propylamine
Concen: 22.190 ng
RT: 9.309 min Scan# 1
Delta R.T. 0.337 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 14574

Ion	Ratio	Lower	Upper
70	100		
42	53.9	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#

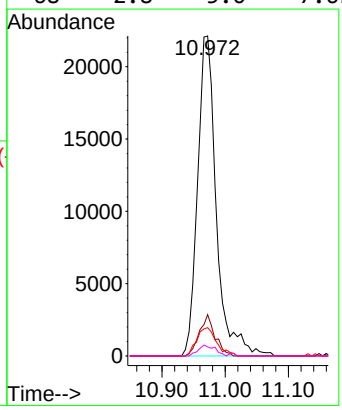


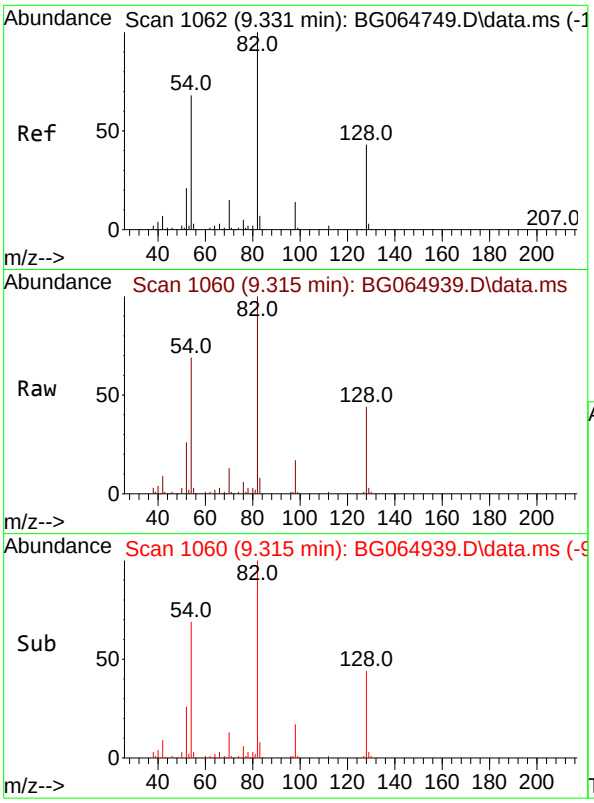


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:136 Resp: 45681

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.3	13.9
54	8.9	9.3	13.9#
68	2.8	5.0	7.6#



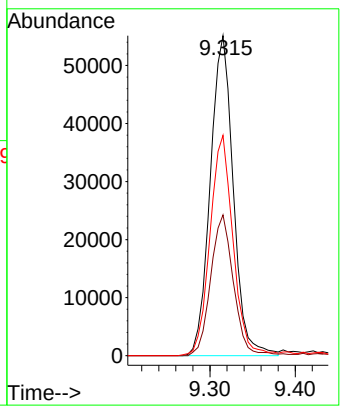


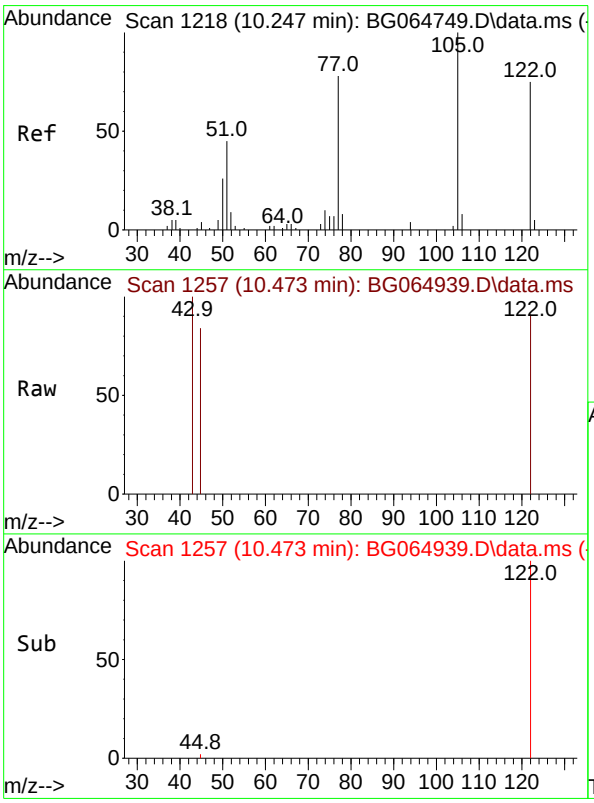
#23
Nitrobenzene-d5
Concen: 111.934 ng
RT: 9.315 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 103418

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.1	51.1
54	68.9	54.3	81.5

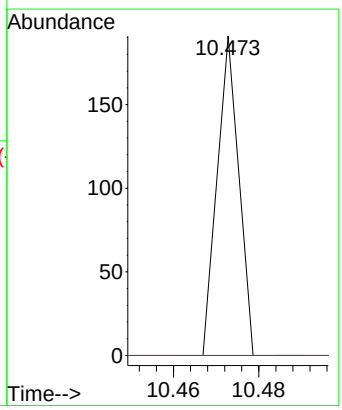


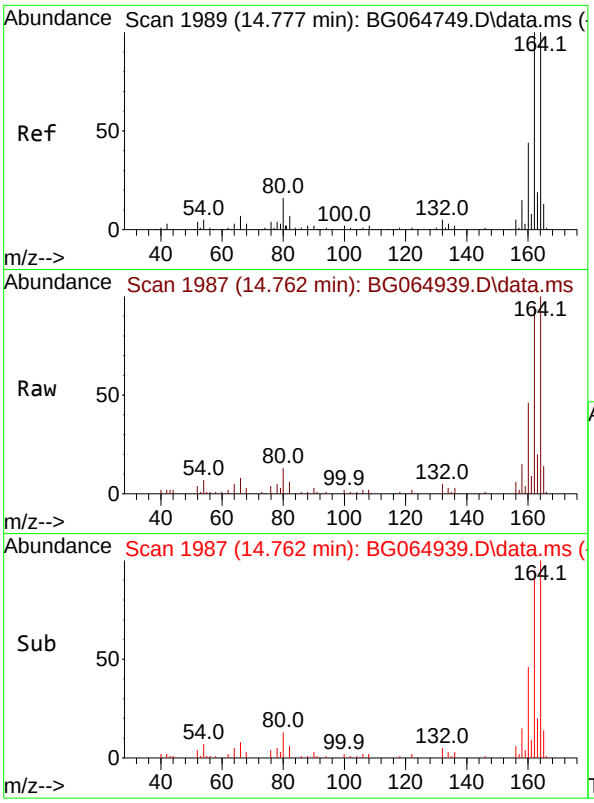


#32
Benzoic acid
Concen: 5.993 ng
RT: 10.473 min Scan# 1257
Delta R.T. 0.226 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:122 Resp: 67

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.6	147.6#
77	0.0	82.5	122.5#



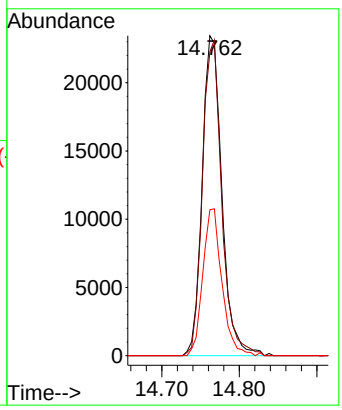


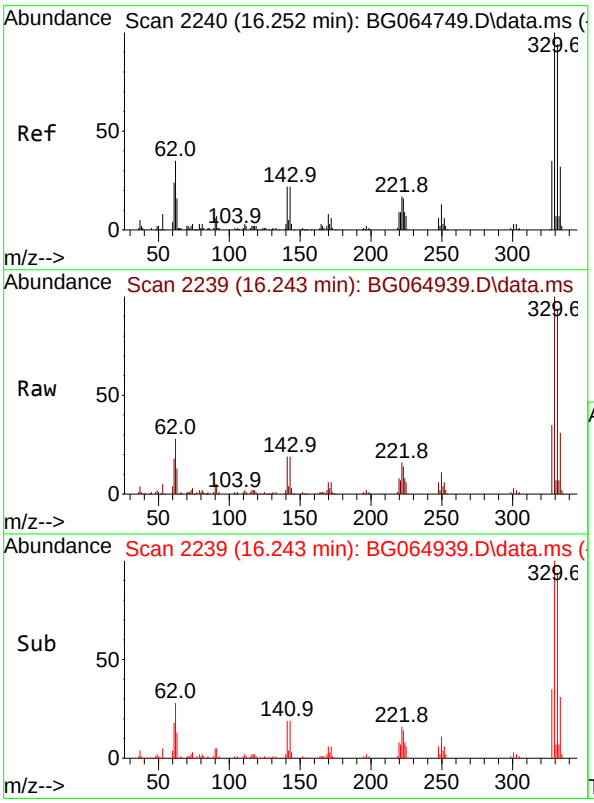
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 41364

Ion	Ratio	Lower	Upper
164	100		
162	95.0	79.8	119.6
160	45.6	34.9	52.3

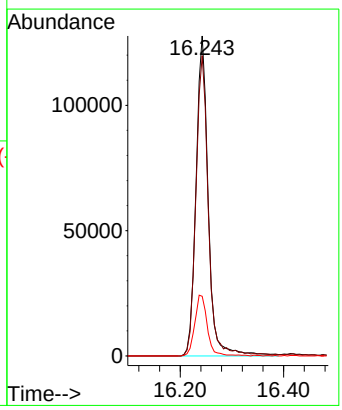


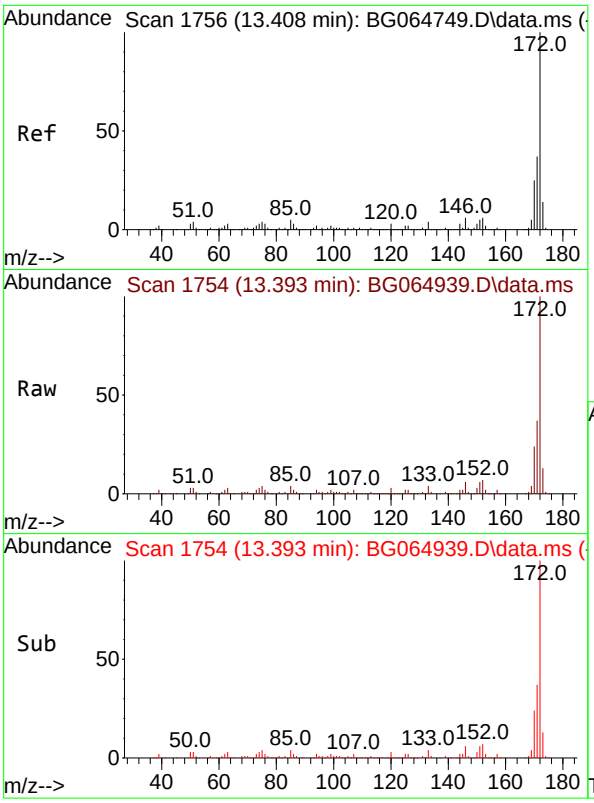


#42
2,4,6-Tribromophenol
Concen: 259.845 ng
RT: 16.243 min Scan# 2239
Delta R.T. -0.009 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:330 Resp: 209624

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	19.5	18.2	27.2



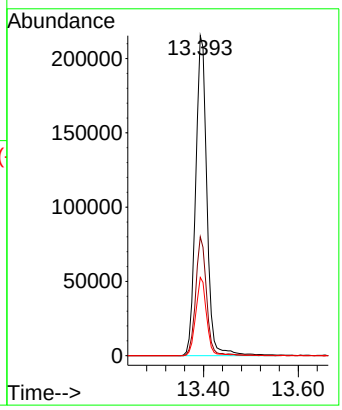


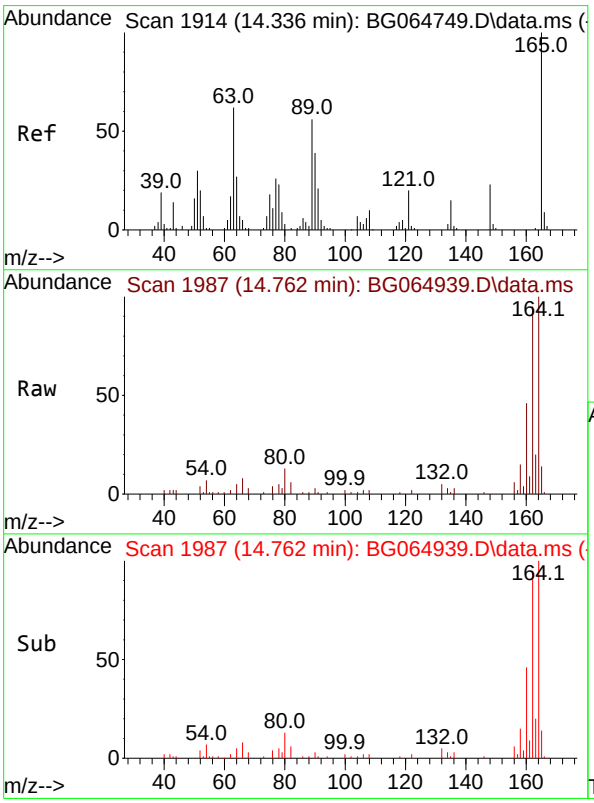
#45
2-Fluorobiphenyl
Concen: 119.829 ng
RT: 13.393 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 355226

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	24.5	19.8	29.6

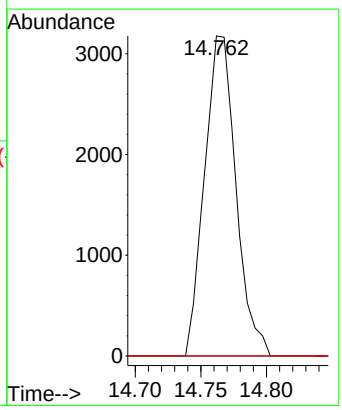


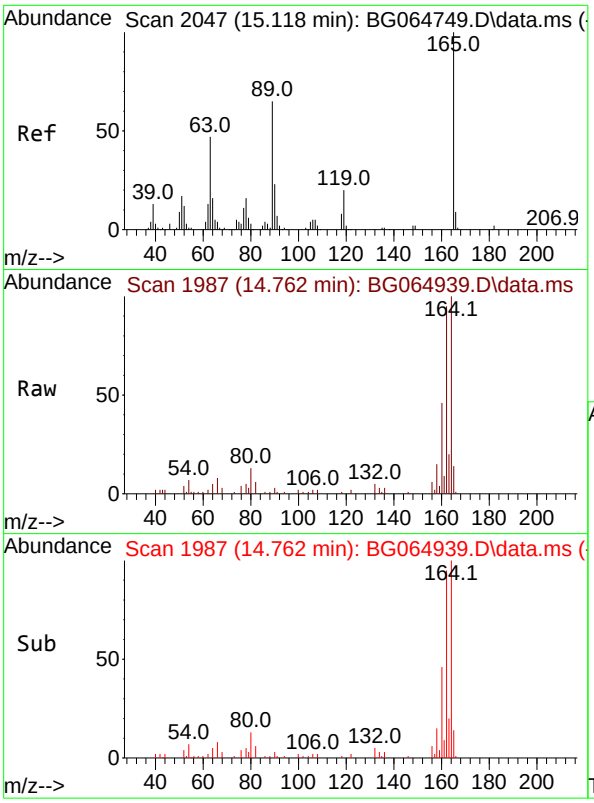


#51
2,6-Dinitrotoluene
Concen: 8.434 ng
RT: 14.762 min Scan# 1987
Delta R.T. 0.425 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:165 Resp: 5303

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



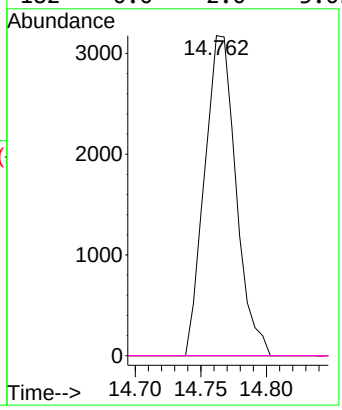


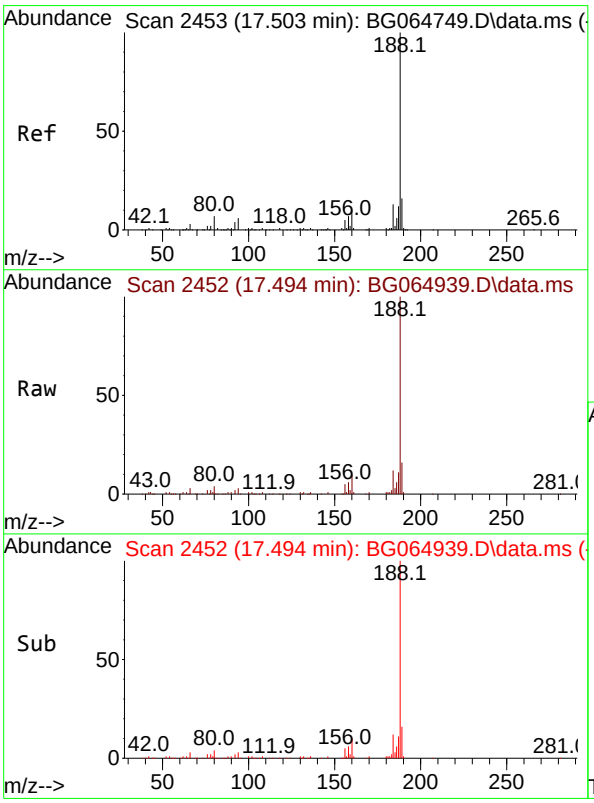
#57
2,4-Dinitrotoluene
Concen: 5.626 ng
RT: 14.762 min Scan# 1
Delta R.T. -0.356 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 5303

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#

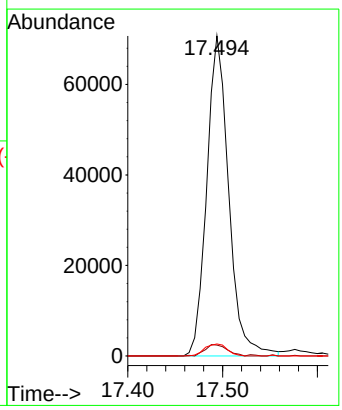


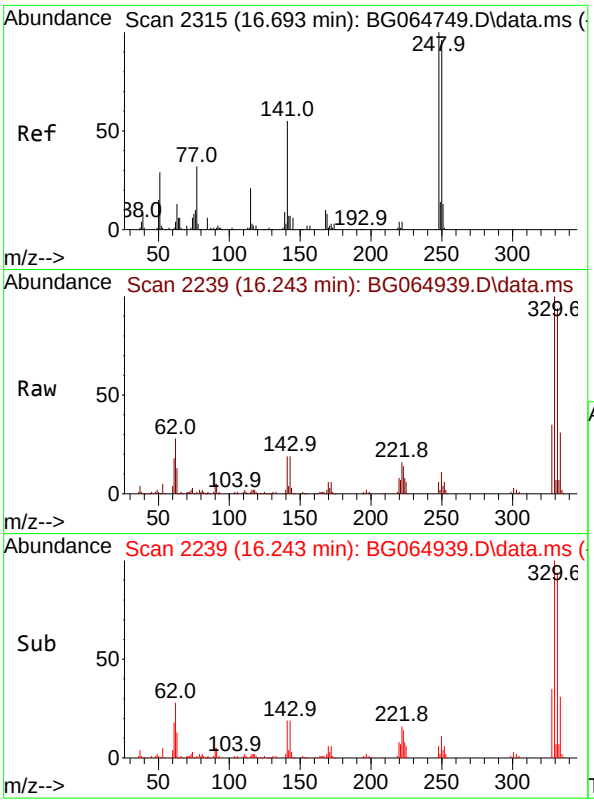


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:188 Resp: 113815

Ion	Ratio	Lower	Upper
188	100		
94	3.4	4.7	7.1#
80	4.1	5.4	8.2#



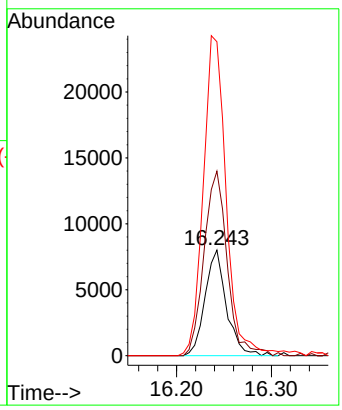


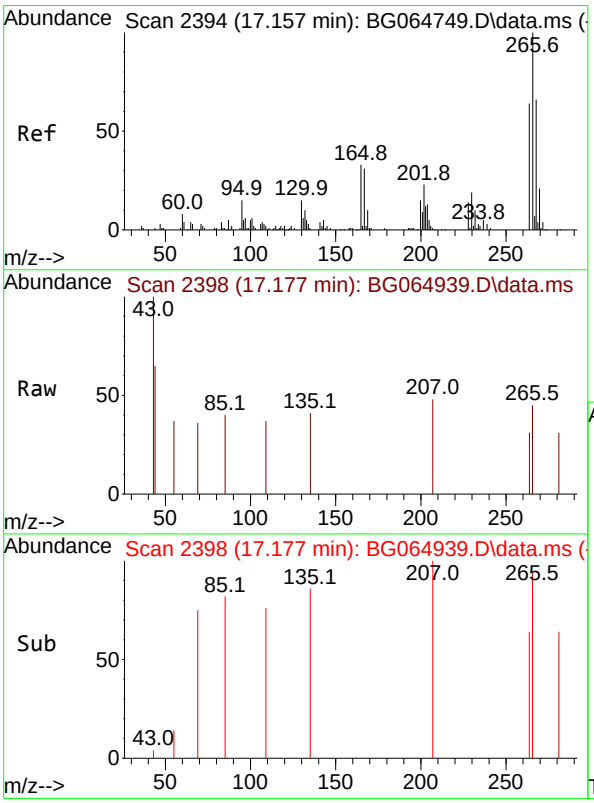
#67
4-Bromophenyl-phenylether
Concen: 8.417 ng
RT: 16.243 min Scan# 2
Delta R.T. -0.450 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12581

Ion	Ratio	Lower	Upper
248	100		
250	136.8	77.0	115.6#
141	232.9	43.7	65.5#

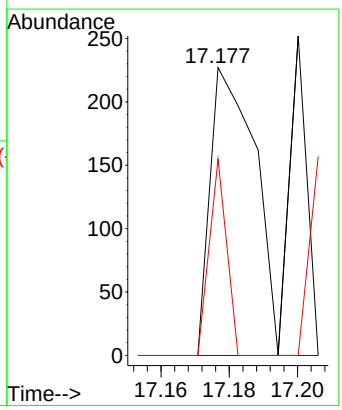


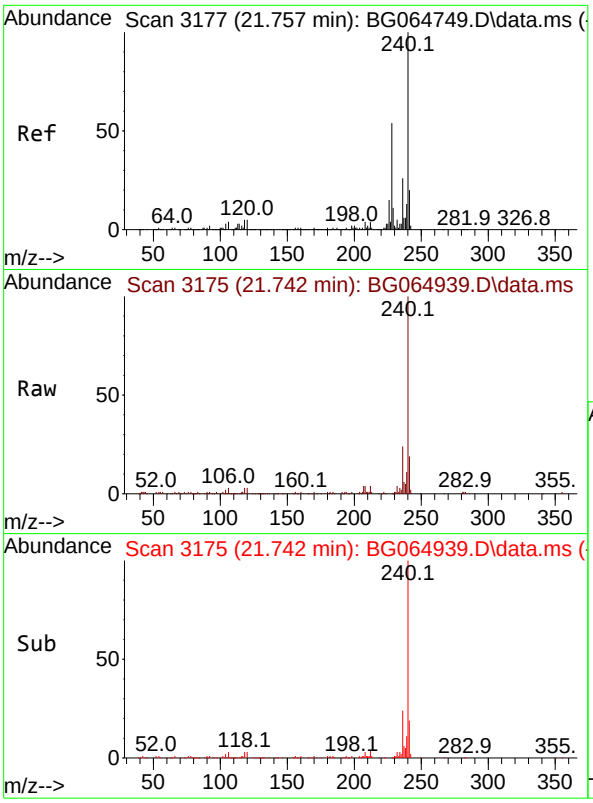


#70
Pentachlorophenol
Concen: 6.321 ng
RT: 17.177 min Scan# 2398
Delta R.T. 0.020 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:266 Resp: 207

Ion	Ratio	Lower	Upper
266	100		
268	0.0	56.1	84.1#
264	68.3	51.2	76.8



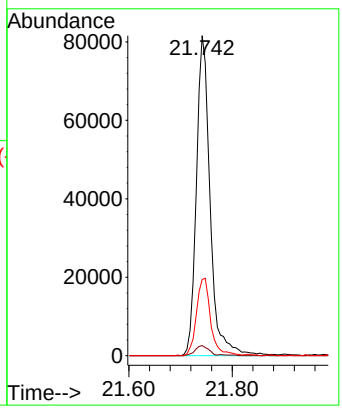


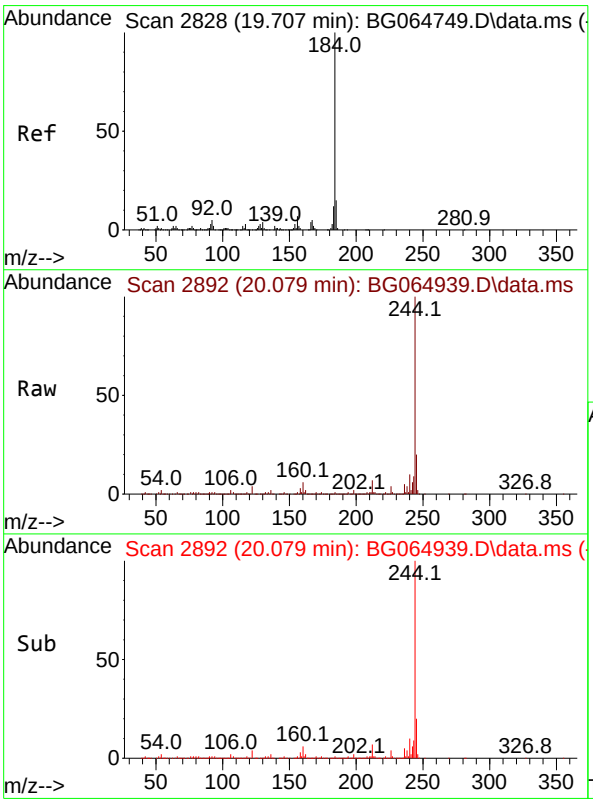
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 150678

Ion	Ratio	Lower	Upper
240	100		
120	3.2	4.2	6.4#
236	23.8	20.8	31.2

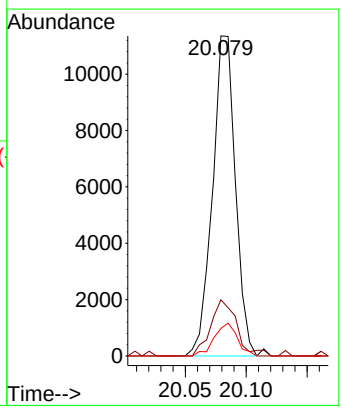


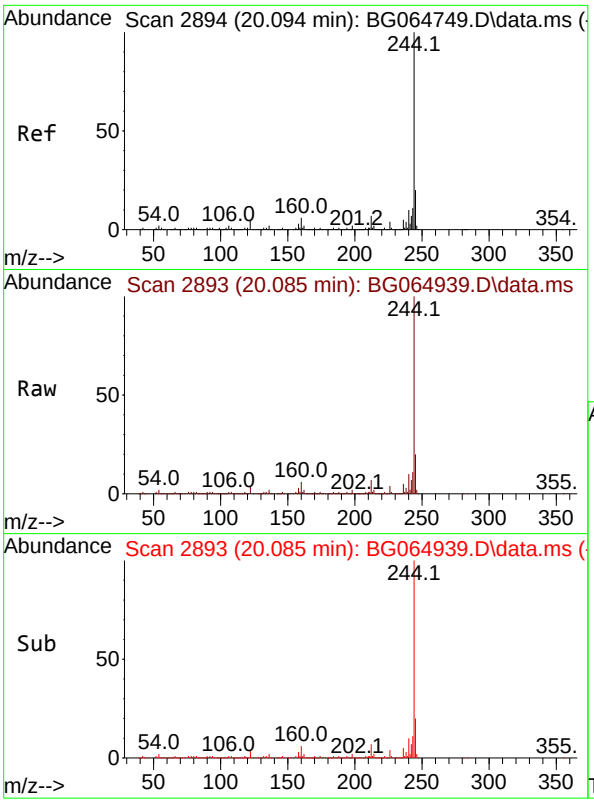


#77
Benzidine
Concen: 3.311 ng
RT: 20.079 min Scan# 2892
Delta R.T. 0.373 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:184 Resp: 14939

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.8	17.6
183	8.6	9.8	14.6#



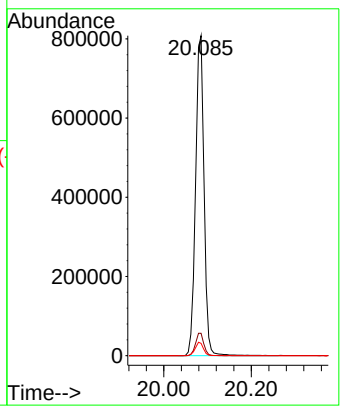


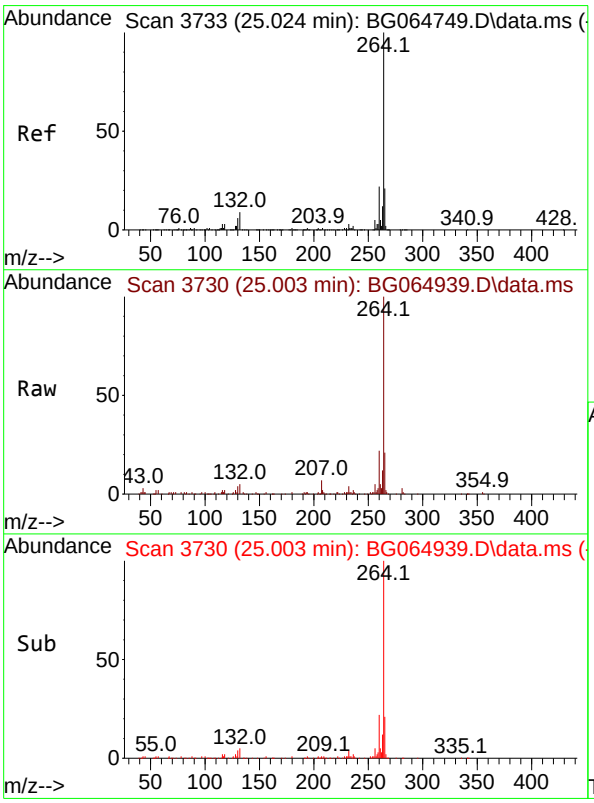
#79
Terphenyl-d14
Concen: 142.260 ng
RT: 20.085 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1089703

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	3.9	4.3	6.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3730
Delta R.T. -0.021 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:264 Resp: 161616

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.2	25.8
265	21.1	16.6	25.0