Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064714.D
Acq On : 7 Nov 2025 12:30
Operator : RC/JU
Sample : PB170428BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Quant Time: Nov 07 13:12:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	32639	20.000	ng	-0.02
21) Naphthalene-d8	11.023	136	124508	20.000	ng	#-0.03
39) Acenaphthene-d10	14.824	164	100997	20.000	ng	-0.02
64) Phenanthrene-d10	17.562	188	250367	20.000	ng	#-0.02
76) Chrysene-d12	21.828	240	317332	20.000	ng	#-0.03
86) Perylene-d12	25.147	264	343427	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.735	112	250587	128.867	ng	-0.01
7) Phenol-d6	7.345	99	334238	125.262	ng	0.00
23) Nitrobenzene-d5	9.366	82	212936	102.720	ng	-0.02
42) 2,4,6-Tribromophenol	16.305	330	246730	169.261	ng	-0.01
45) 2-Fluorobiphenyl	13.455	172	630348	94.602	ng	-0.02
79) Terphenyl-d14	20.147	244	1500371	89.227	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.366	70	28640	15.531	ng	# 64
48) 2-Nitroaniline	13.455	65	835	3.653	ng	# 4
51) 2,6-Dinitrotoluene	14.824	165	12735	12.516	ng	# 17
57) 2,4-Dinitrotoluene	14.824	165	12735	9.100	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.305	198	517	5.843	ng	# 7
67) 4-Bromophenyl-phenylether	16.305	248	15030	5.066	ng	# 1
77) Benzidine	20.147	184	21565	3.033	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064714.D
Acq On : 7 Nov 2025 12:30
Operator : RC/JU
Sample : PB170428BL
Misc :
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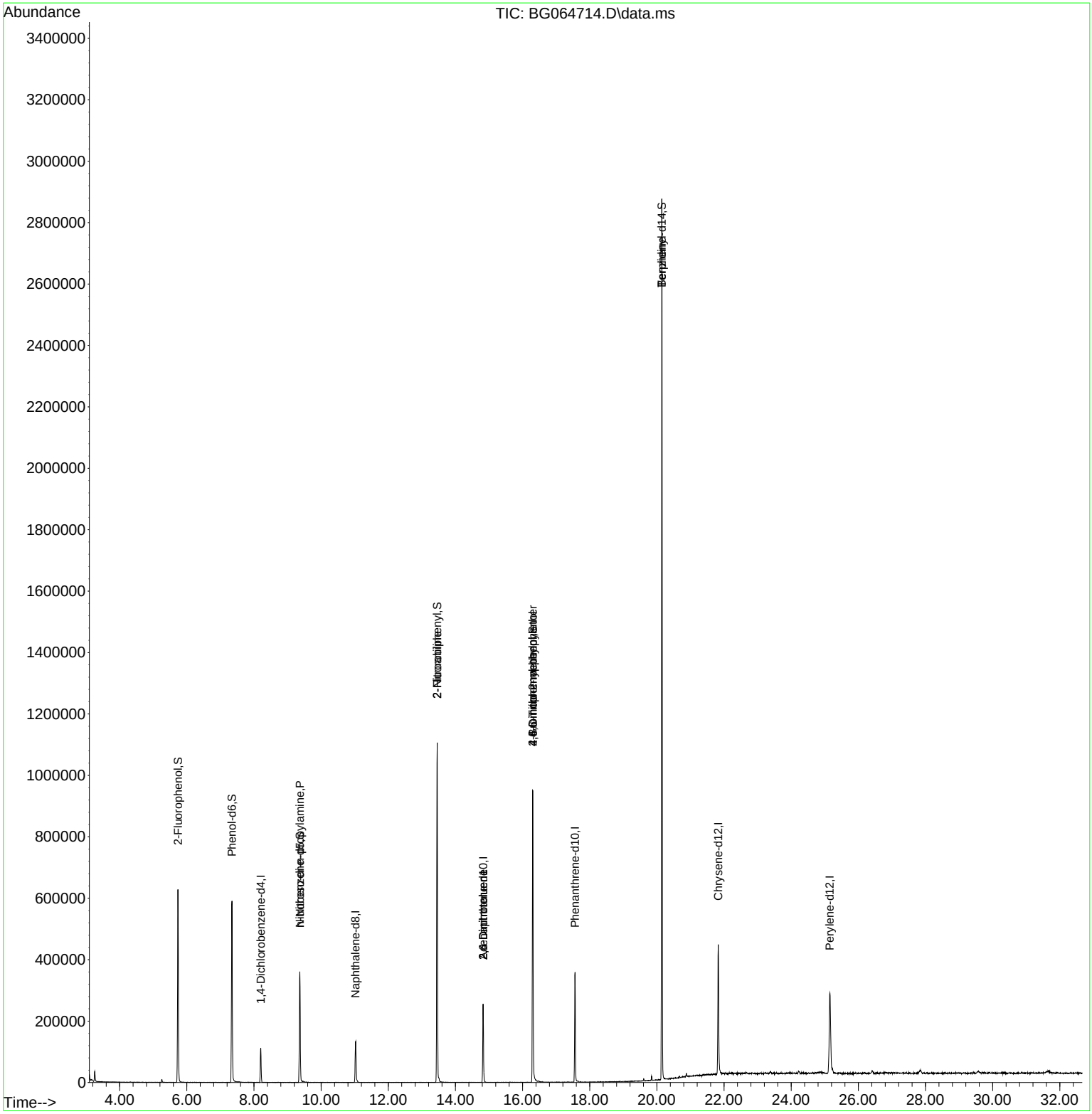
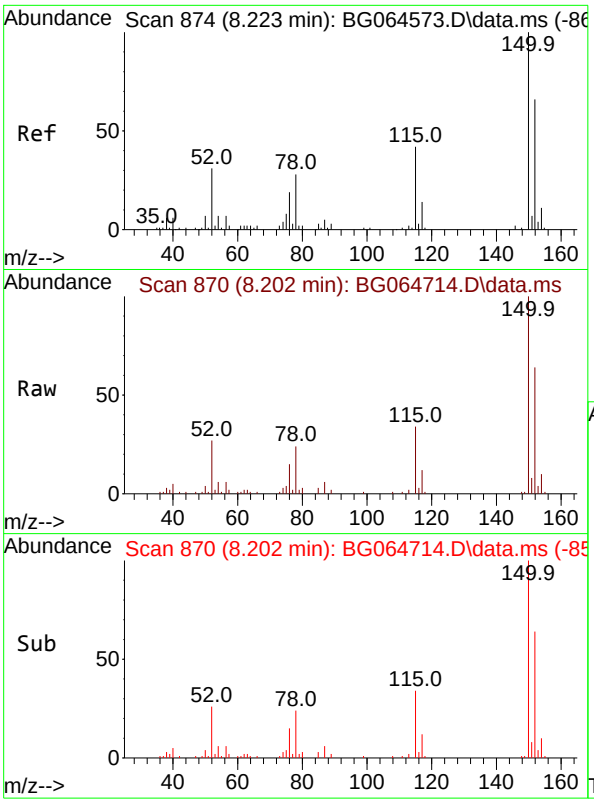
Instrument :
BNA_G
ClientSampleId :
PB170428BL

Quant Time: Nov 07 13:12:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration



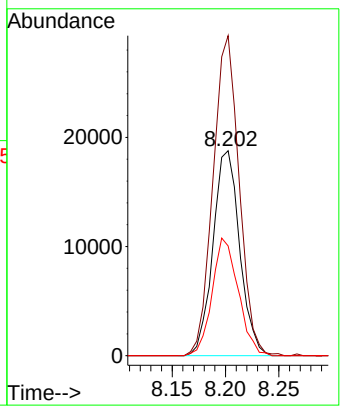


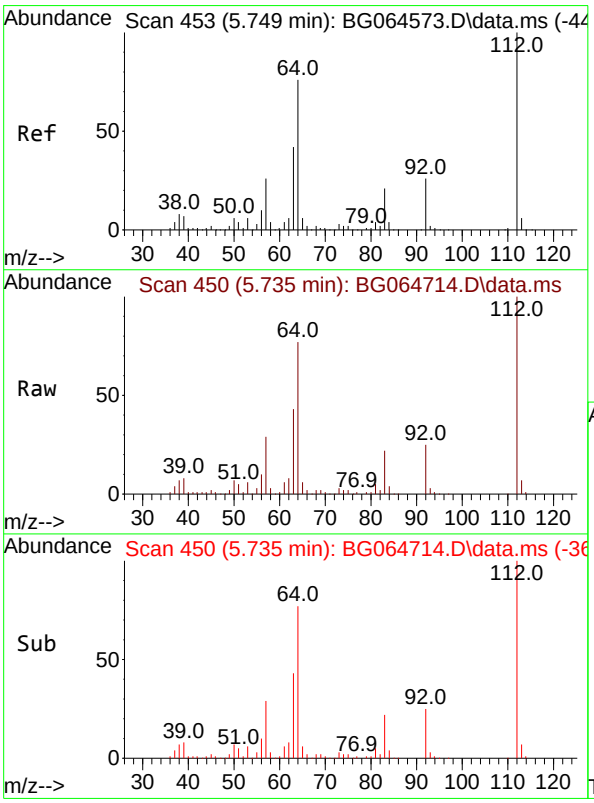
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.202 min Scan# 8
Delta R.T. -0.021 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion:152 Resp: 32639

Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.2	183.4
115	53.6	50.8	76.2

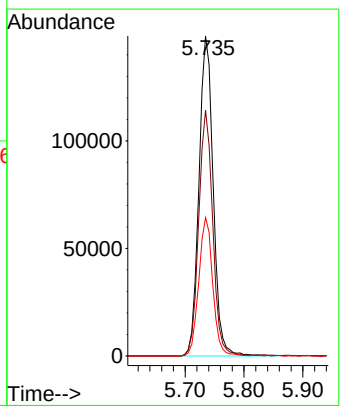


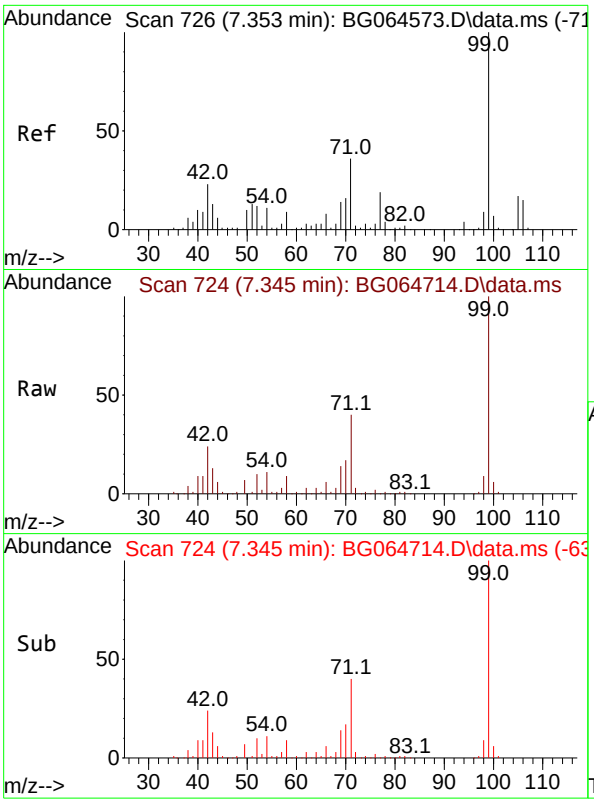


#5
2-Fluorophenol
Concen: 128.867 ng
RT: 5.735 min Scan# 450
Delta R.T. -0.015 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Tgt Ion:112 Resp: 250587

Ion	Ratio	Lower	Upper
112	100		
64	76.8	60.7	91.1
63	43.2	33.4	50.0



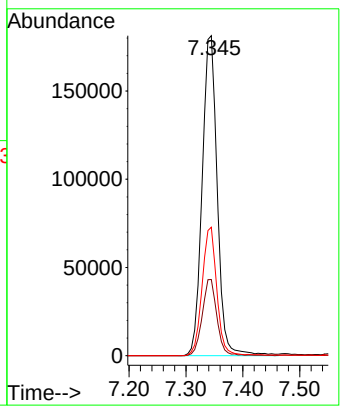


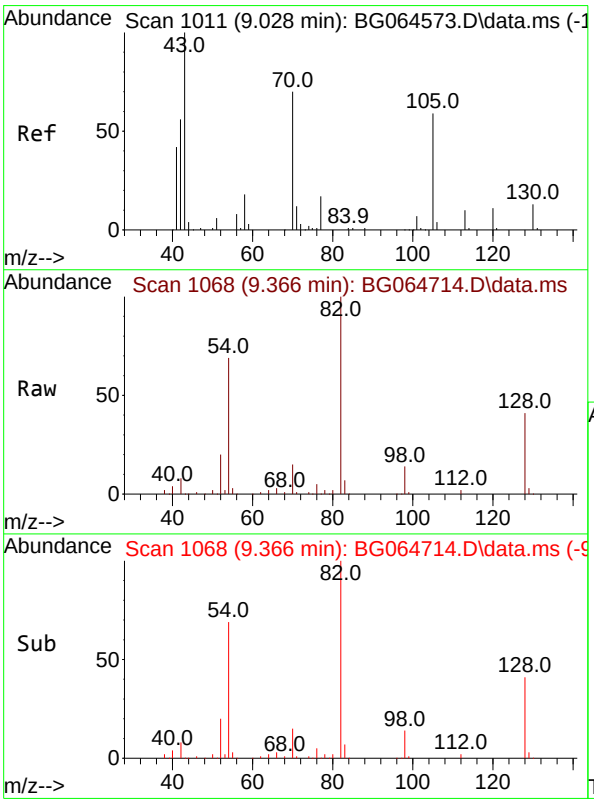
#7
Phenol-d6
Concen: 125.262 ng
RT: 7.345 min Scan# 7
Delta R.T. -0.009 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion: 99 Resp: 334238

Ion	Ratio	Lower	Upper
99	100		
42	23.8	18.3	27.5
71	40.1	28.6	43.0

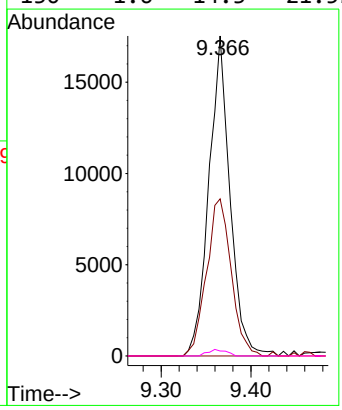


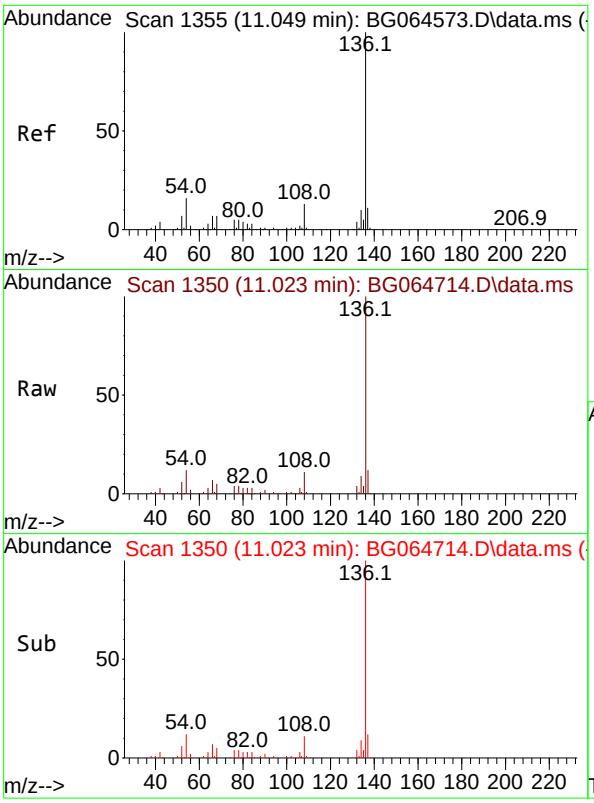


#19
n-Nitroso-di-n-propylamine
Concen: 15.531 ng
RT: 9.366 min Scan# 1068
Delta R.T. 0.338 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Tgt Ion: 70 Resp: 28640

Ion	Ratio	Lower	Upper
70	100		
42	49.1	65.2	97.8#
101	0.0	7.9	11.9#
130	1.6	14.3	21.5#



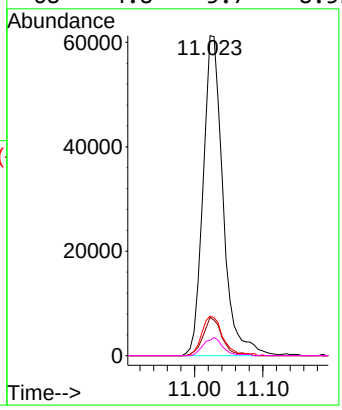


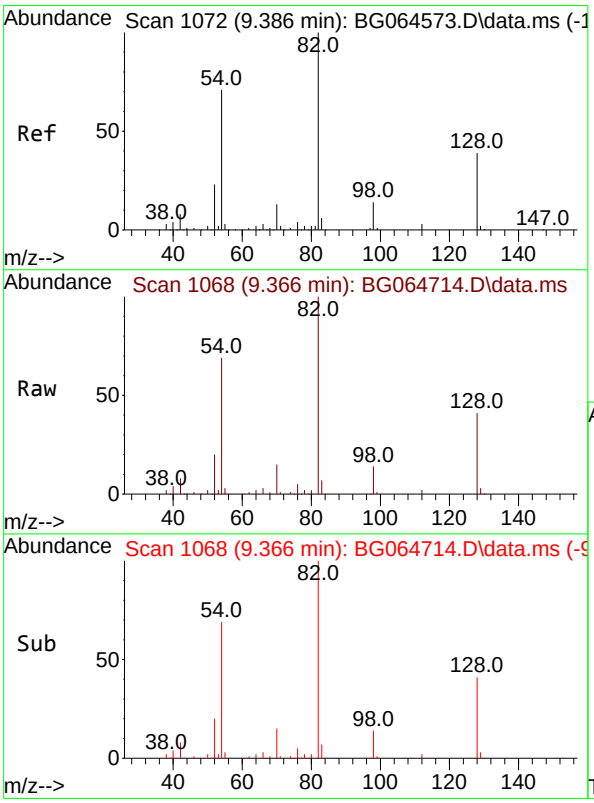
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.023 min Scan# 1
Delta R.T. -0.026 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion:136 Resp: 124508

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	12.3	12.6	19.0#
68	4.8	5.7	8.5#

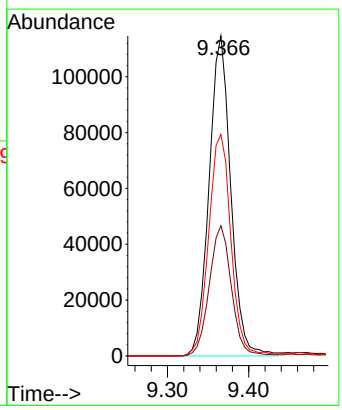


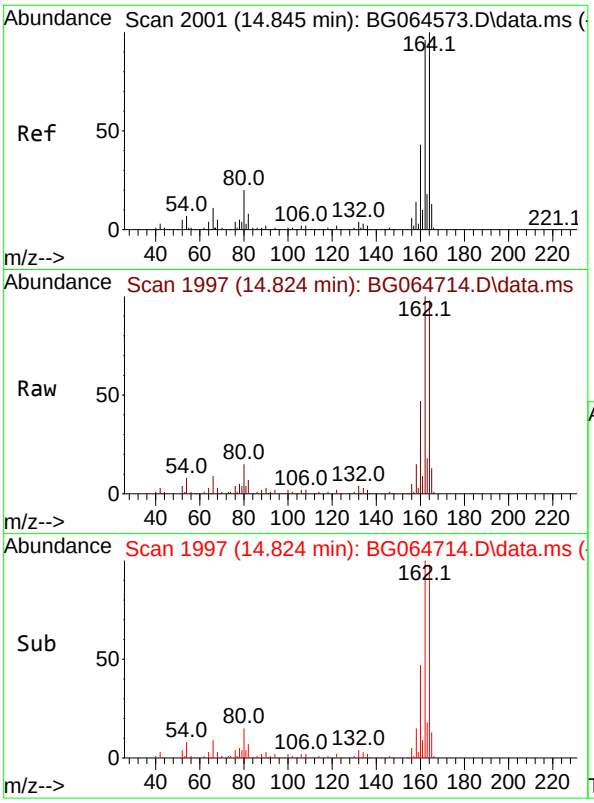


#23
Nitrobenzene-d5
Concen: 102.720 ng
RT: 9.366 min Scan# 1068
Delta R.T. -0.021 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Tgt Ion: 82 Resp: 212936

Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.3	46.9
54	69.2	56.6	84.8



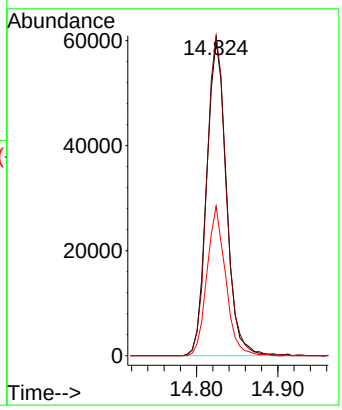


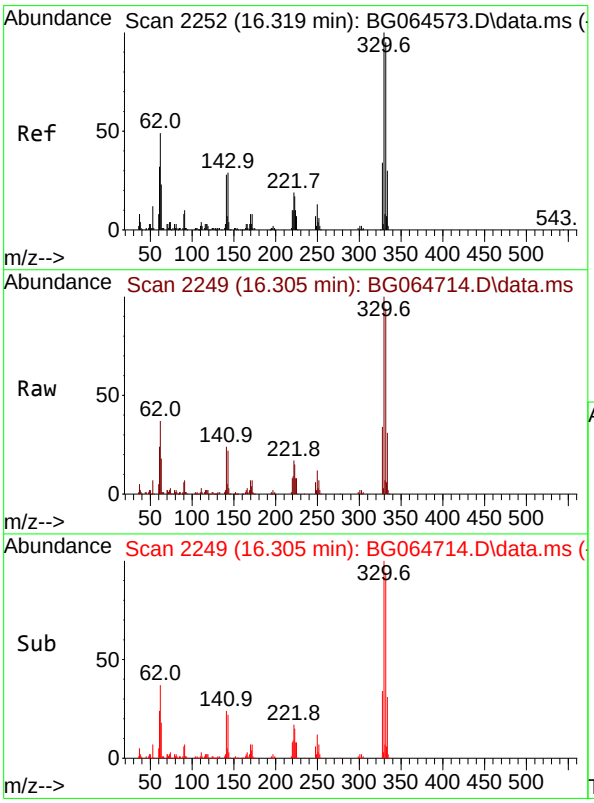
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.824 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion:164 Resp: 100997

Ion	Ratio	Lower	Upper
164	100		
162	101.5	77.0	115.6
160	47.4	34.4	51.6

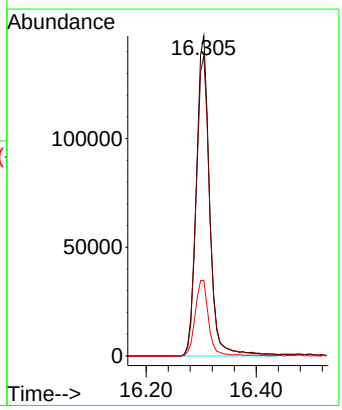


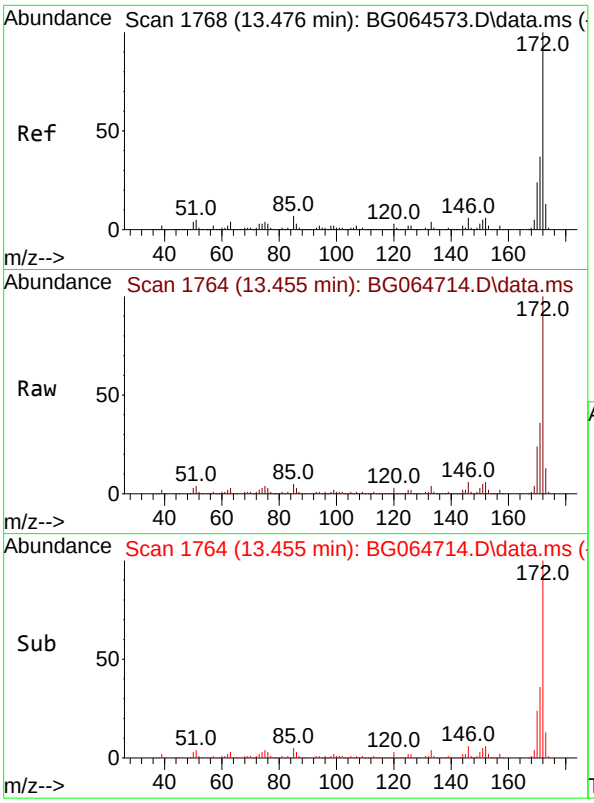


#42
2,4,6-Tribromophenol
Concen: 169.261 ng
RT: 16.305 min Scan# 2249
Delta R.T. -0.015 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Tgt Ion:330 Resp: 246730

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	23.6	21.8	32.6



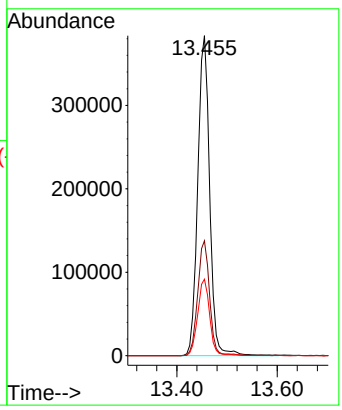


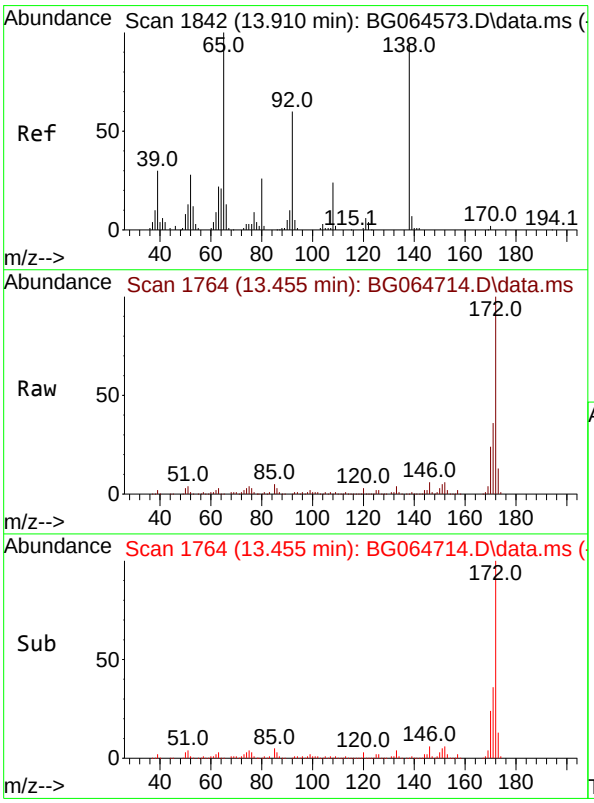
#45
2-Fluorobiphenyl
Concen: 94.602 ng
RT: 13.455 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion:172 Resp: 630348

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.9	19.1	28.7

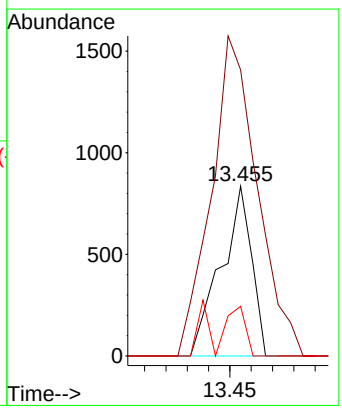


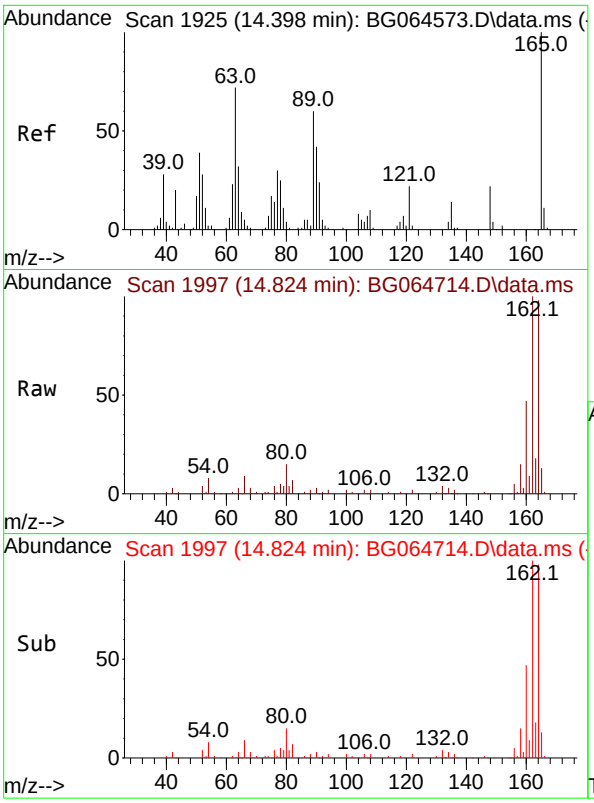


#48
2-Nitroaniline
Concen: 3.653 ng
RT: 13.455 min Scan# 1764
Delta R.T. -0.455 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Tgt Ion: 65 Resp: 835

Ion	Ratio	Lower	Upper
65	100		
92	168.4	48.3	72.5#
138	29.2	74.9	112.3#



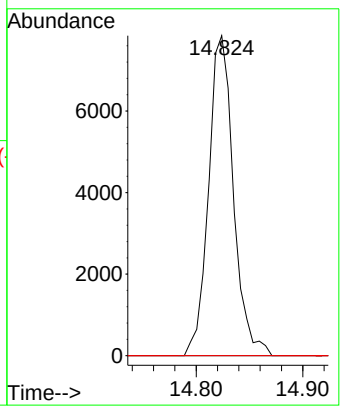


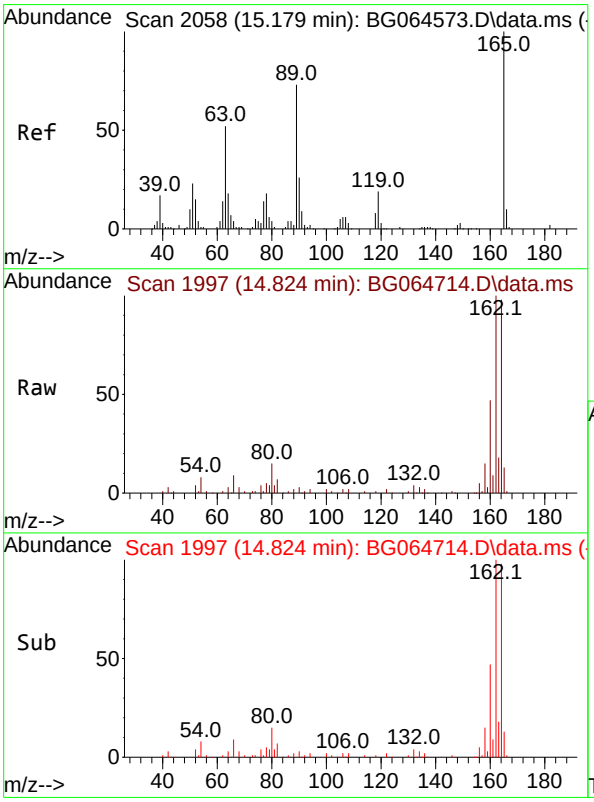
#51
2,6-Dinitrotoluene
Concen: 12.516 ng
RT: 14.824 min Scan# 1
Delta R.T. 0.426 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion:165 Resp: 12735

Ion	Ratio	Lower	Upper
165	100		
63	0.0	57.4	86.0#
89	0.0	47.8	71.8#

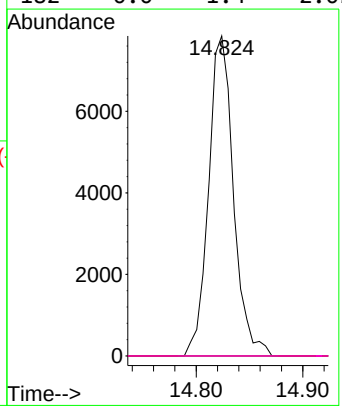


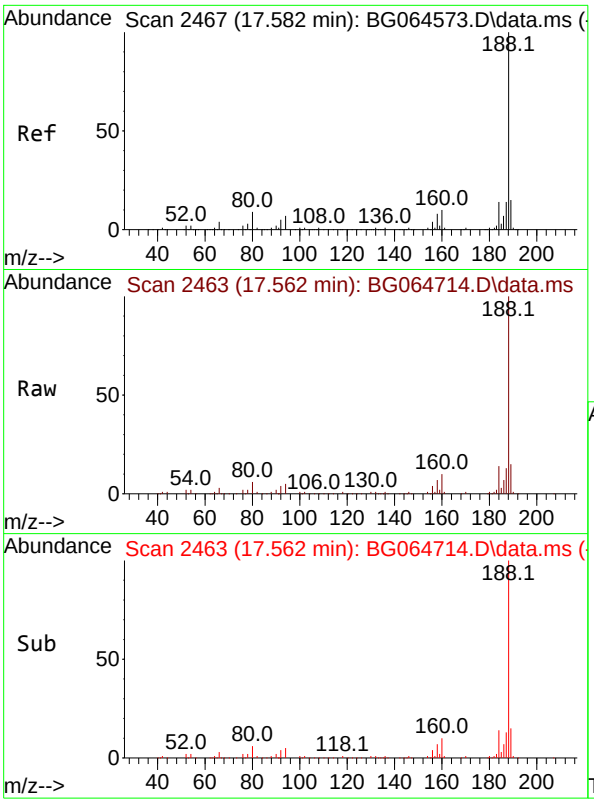


#57
2,4-Dinitrotoluene
Concen: 9.100 ng
RT: 14.824 min Scan# 1997
Delta R.T. -0.355 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Tgt Ion:165 Resp: 12735

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



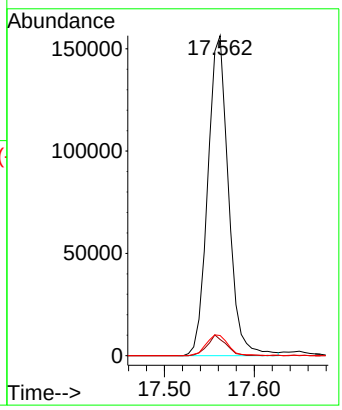


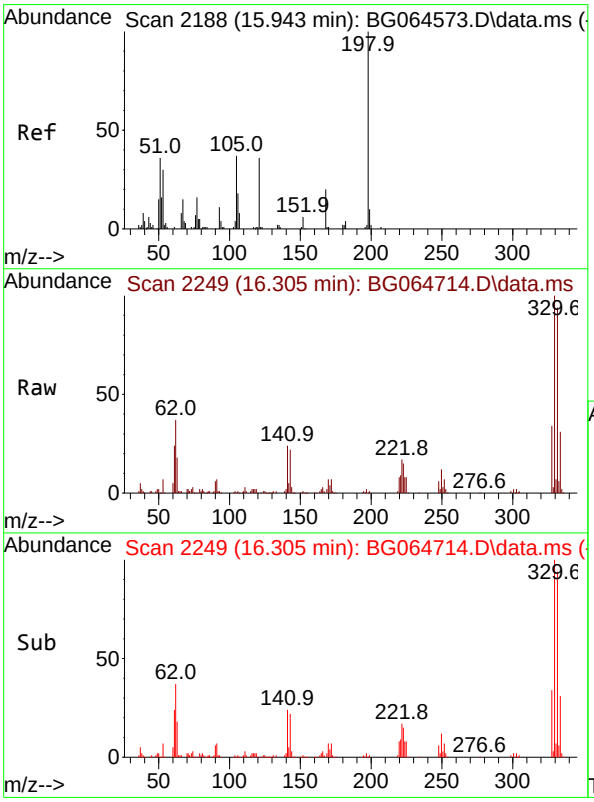
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.562 min Scan# 24
Delta R.T. -0.021 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion:188 Resp: 250367

Ion	Ratio	Lower	Upper
188	100		
94	5.1	5.7	8.5#
80	6.3	6.8	10.2#

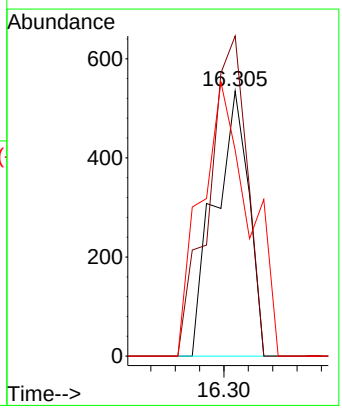


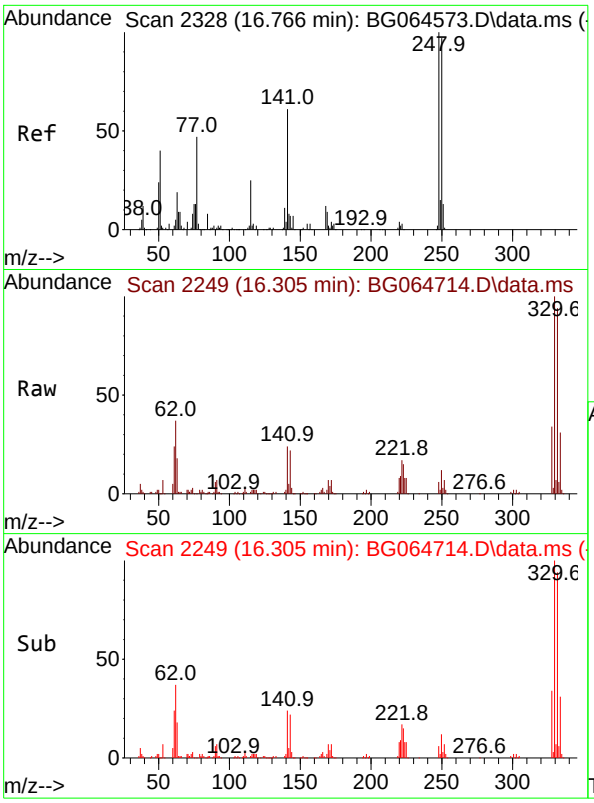


#65
4,6-Dinitro-2-methylphenol
Concen: 5.843 ng
RT: 16.305 min Scan# 2249
Delta R.T. 0.362 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Tgt Ion:198 Resp: 517

Ion	Ratio	Lower	Upper
198	100		
51	120.7	24.7	64.7#
105	77.8	18.0	58.0#



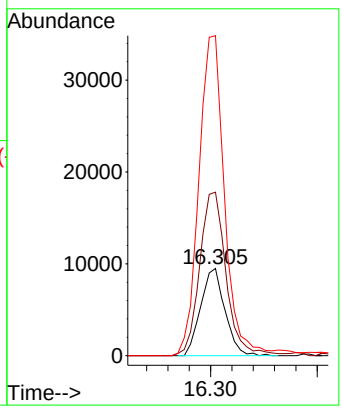


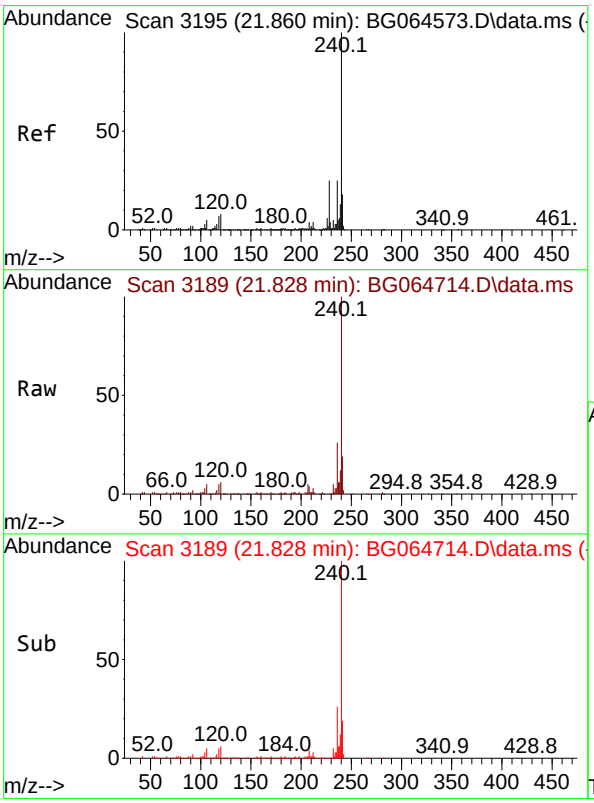
#67
4-Bromophenyl-phenylether
Concen: 5.066 ng
RT: 16.305 min Scan# 2
Delta R.T. -0.461 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion:248 Resp: 15030

Ion	Ratio	Lower	Upper
248	100		
250	241.7	77.7	116.5#
141	367.0	48.6	72.8#

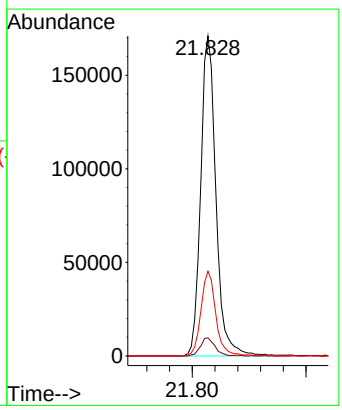


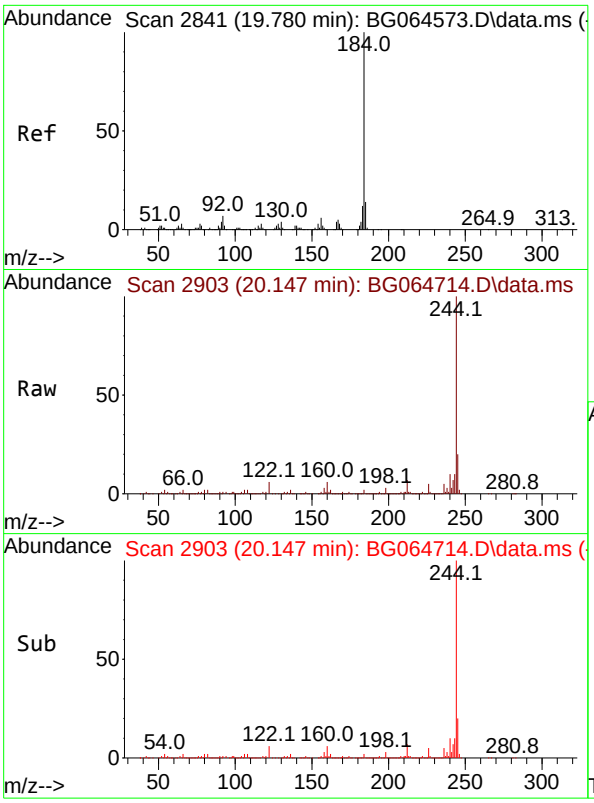


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.828 min Scan# 3189
Delta R.T. -0.032 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Tgt Ion:240 Resp: 317332

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.5	9.7#
236	26.5	20.2	30.2



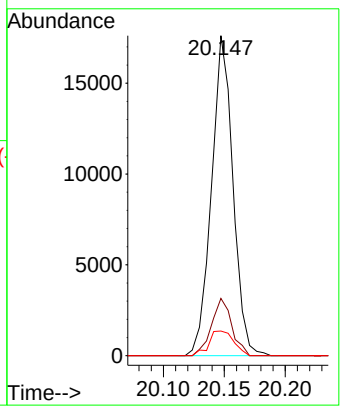


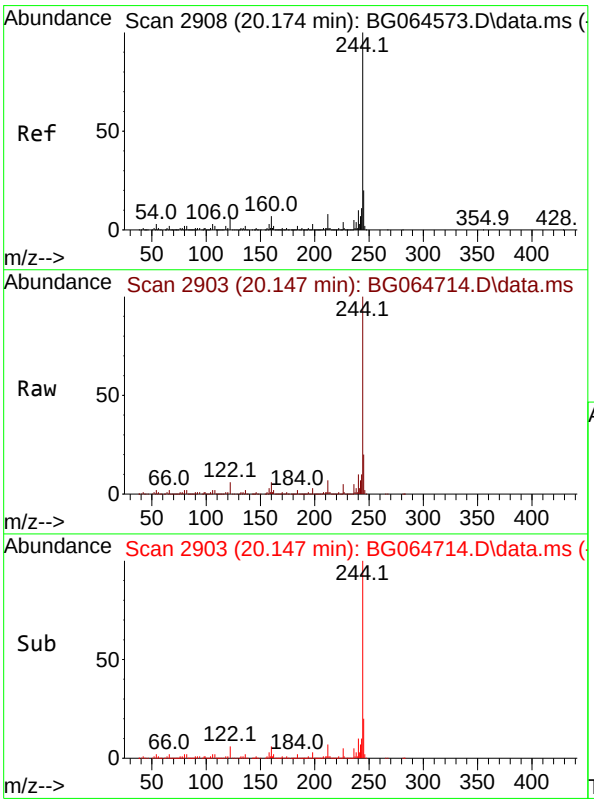
#77
Benzidine
Concen: 3.033 ng
RT: 20.147 min Scan# 2
Delta R.T. 0.367 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion:184 Resp: 21565

Ion	Ratio	Lower	Upper
184	100		
185	17.9	11.4	17.2#
183	7.7	9.4	14.2#

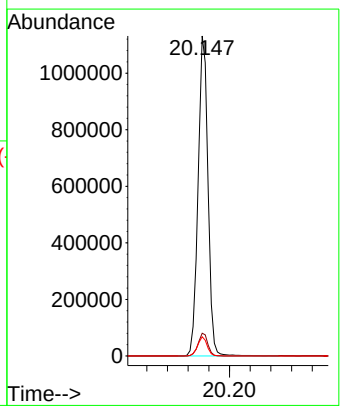


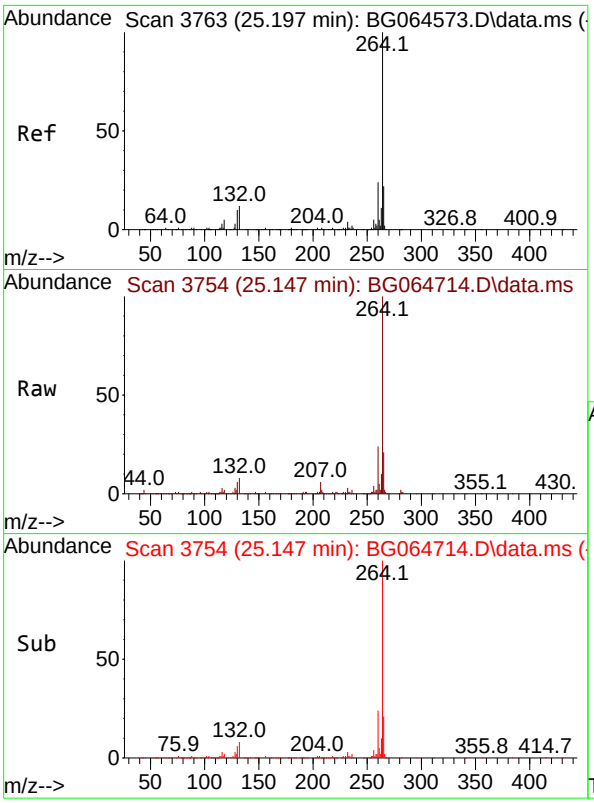


#79
Terphenyl-d14
Concen: 89.227 ng
RT: 20.147 min Scan# 2903
Delta R.T. -0.026 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Tgt Ion:244 Resp: 1500371

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	6.0	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.147 min Scan# 3
Delta R.T. -0.050 min
Lab File: BG064714.D
Acq: 7 Nov 2025 12:30

Instrument :
BNA_G
ClientSampleId :
PB170428BL

Tgt Ion:264 Resp: 343427

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	20.7	17.6	26.4