Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
Data File : BG064716.D
Acq On : 7 Nov 2025 14:04
Operator : RC/JU
Sample : PB170394TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Quant Time: Nov 07 14:42:43 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	8.200	152	28772	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	105180	20.000	ng	#-0.02
39) Acenaphthene-d10	14.822	164	88068	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	216770	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	275233	20.000	ng	#-0.03
86) Perylene-d12	25.156	264	298098	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	263427	153.677	ng	-0.01
7) Phenol-d6	7.342	99	336453	143.039	ng	-0.01
23) Nitrobenzene-d5	9.363	82	219036	125.080	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	256361	201.687	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	640913	110.308	ng	-0.02
79) Terphenyl-d14	20.151	244	1590982	109.088	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.363	70	29628	18.226	ng	# 71
48) 2-Nitroaniline	13.458	65	1019	3.824	ng	# 1
51) 2,6-Dinitrotoluene	14.822	165	10770	12.235	ng	# 19
57) 2,4-Dinitrotoluene	14.822	165	10770	8.917	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.308	198	595	5.980	ng	# 70
67) 4-Bromophenyl-phenylether	16.302	248	16153	6.288	ng	# 1
77) Benzidine	20.151	184	23297	3.778	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110725\
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Quant Time: Nov 07 14:42:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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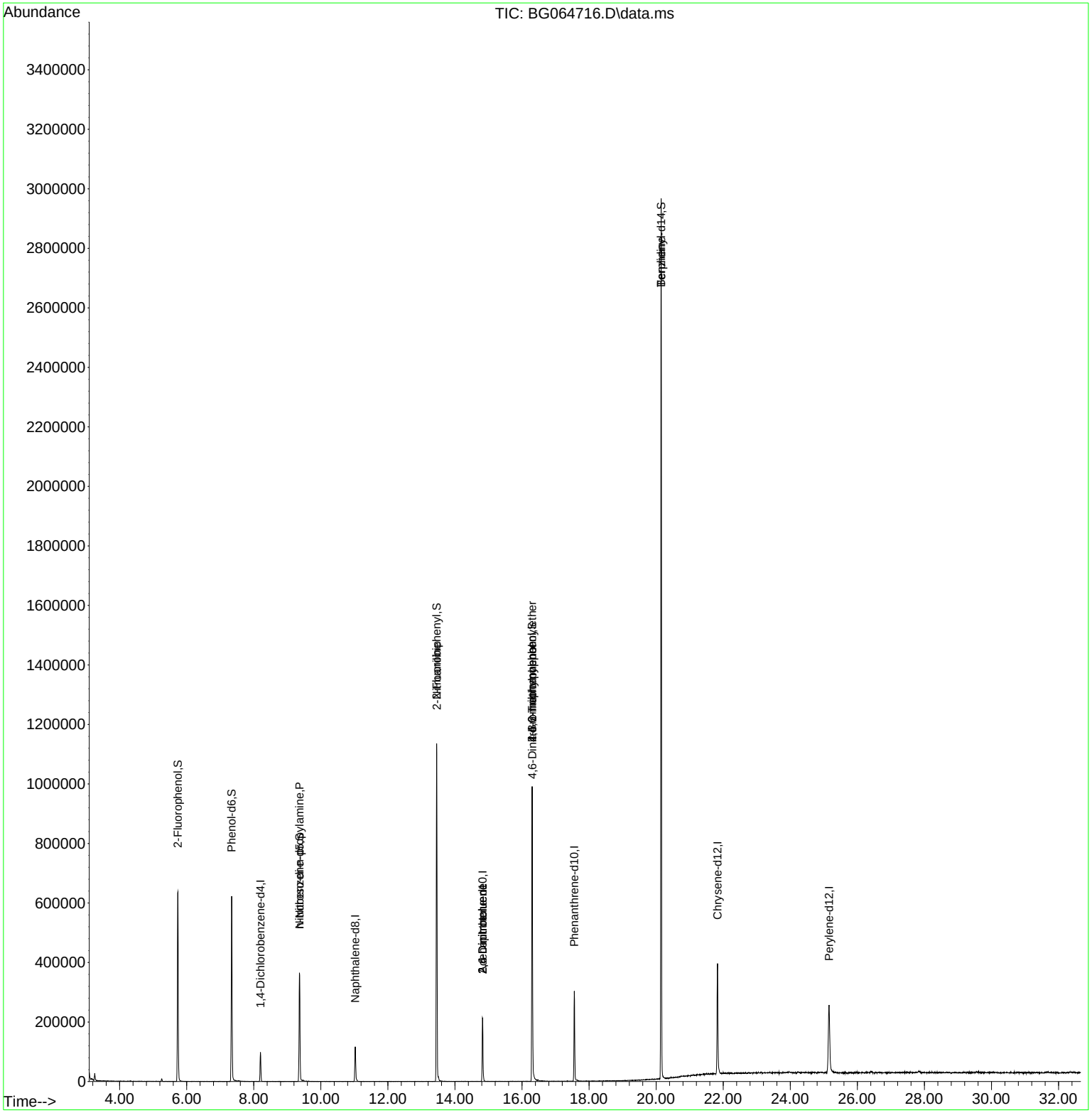
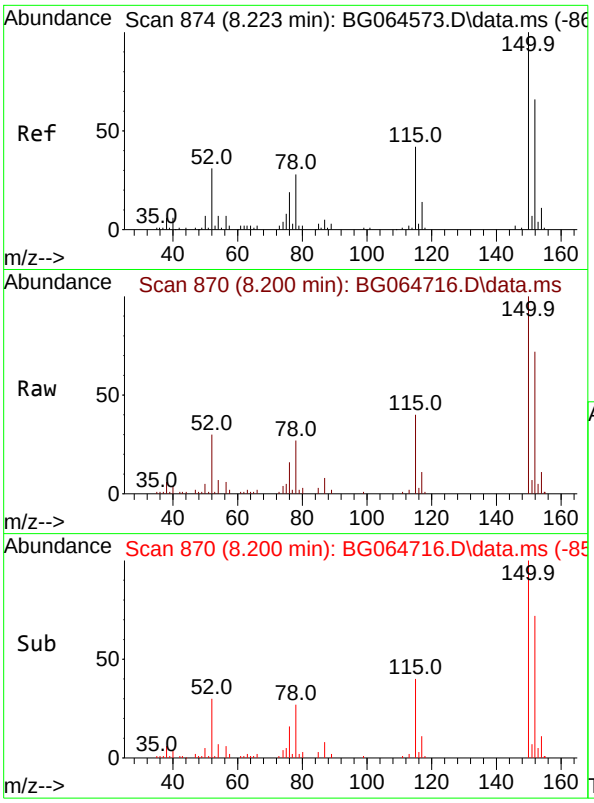


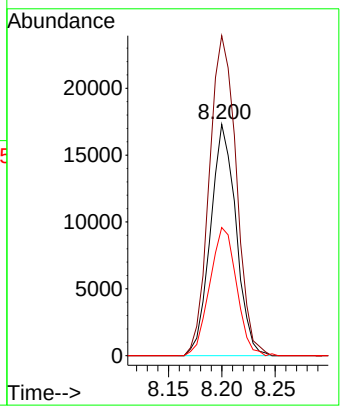


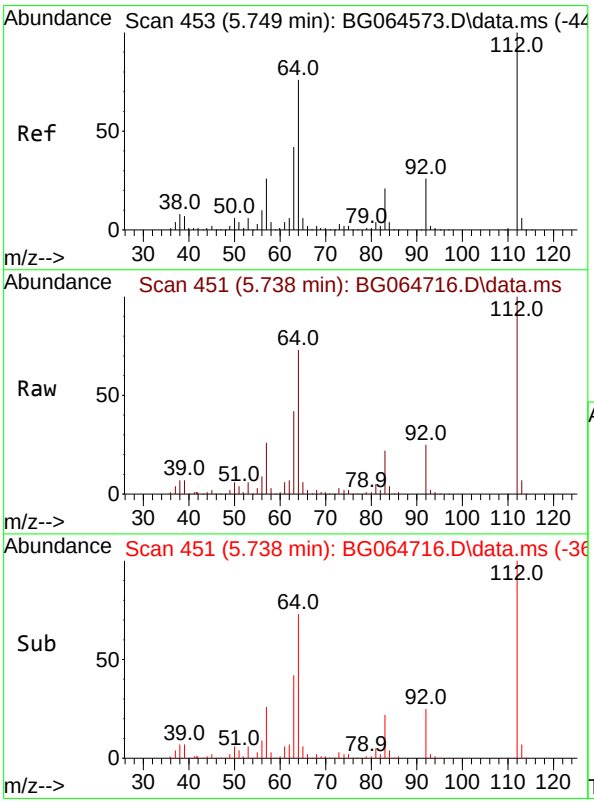
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 8
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion:152 Resp: 28772

Ion	Ratio	Lower	Upper
152	100		
150	138.3	122.2	183.4
115	55.4	50.8	76.2

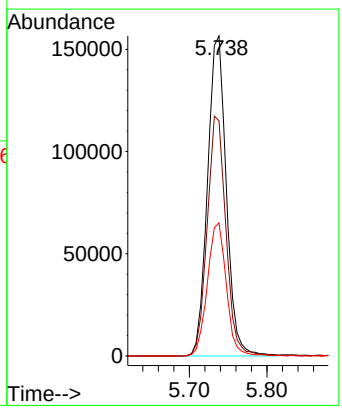


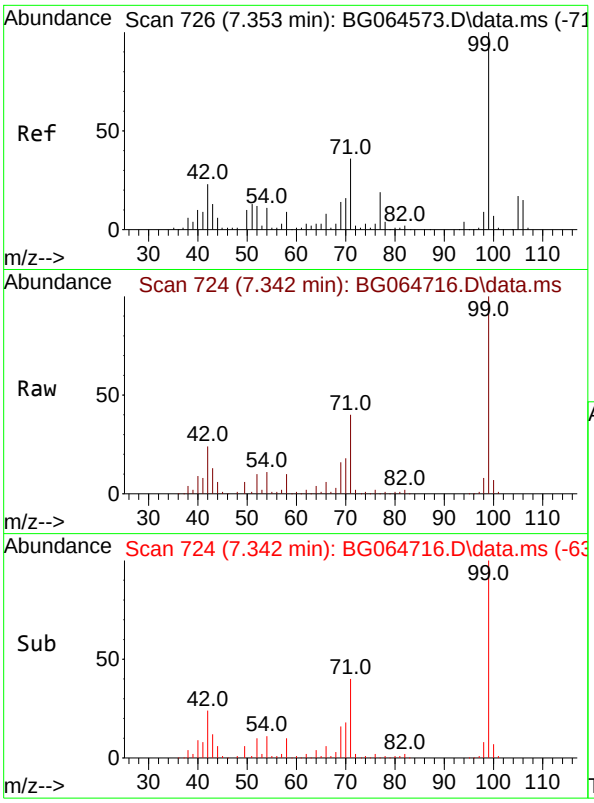


#5
2-Fluorophenol
Concen: 153.677 ng
RT: 5.738 min Scan# 451
Delta R.T. -0.011 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:112 Resp: 263427

Ion	Ratio	Lower	Upper
112	100		
64	73.5	60.7	91.1
63	41.6	33.4	50.0



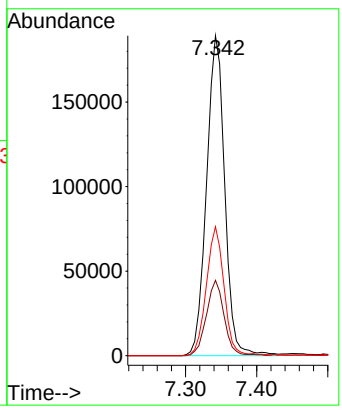


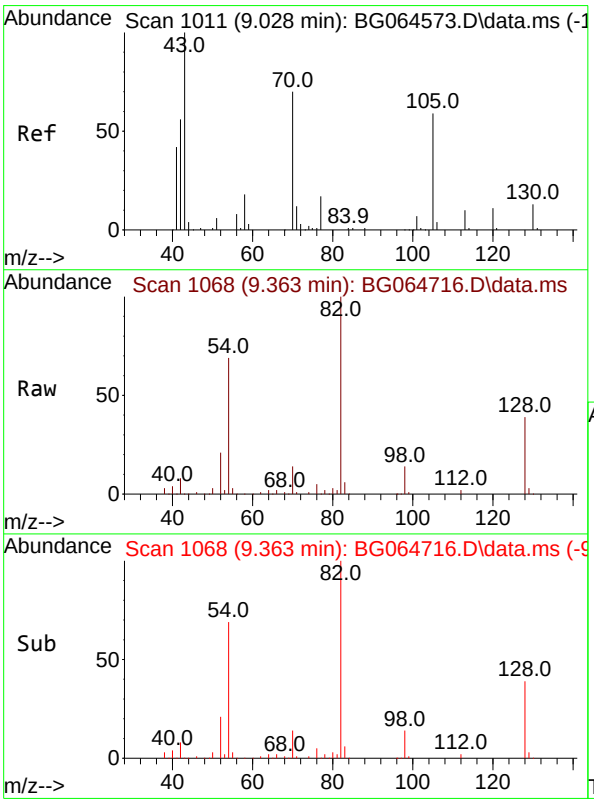
#7
Phenol-d6
Concen: 143.039 ng
RT: 7.342 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion: 99 Resp: 336453

Ion	Ratio	Lower	Upper
99	100		
42	23.6	18.3	27.5
71	40.3	28.6	43.0

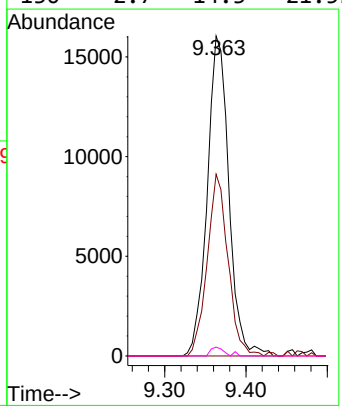


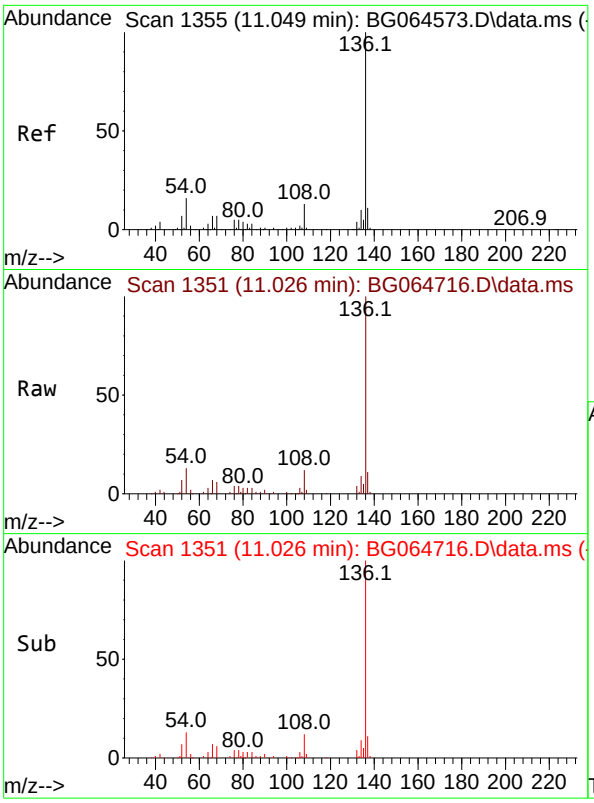


#19
n-Nitroso-di-n-propylamine
Concen: 18.226 ng
RT: 9.363 min Scan# 1068
Delta R.T. 0.335 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion: 70 Resp: 29628

Ion	Ratio	Lower	Upper
70	100		
42	56.8	65.2	97.8#
101	0.0	7.9	11.9#
130	2.7	14.3	21.5#



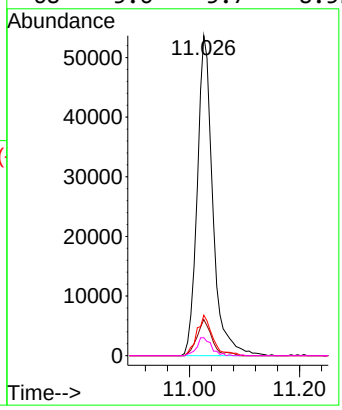


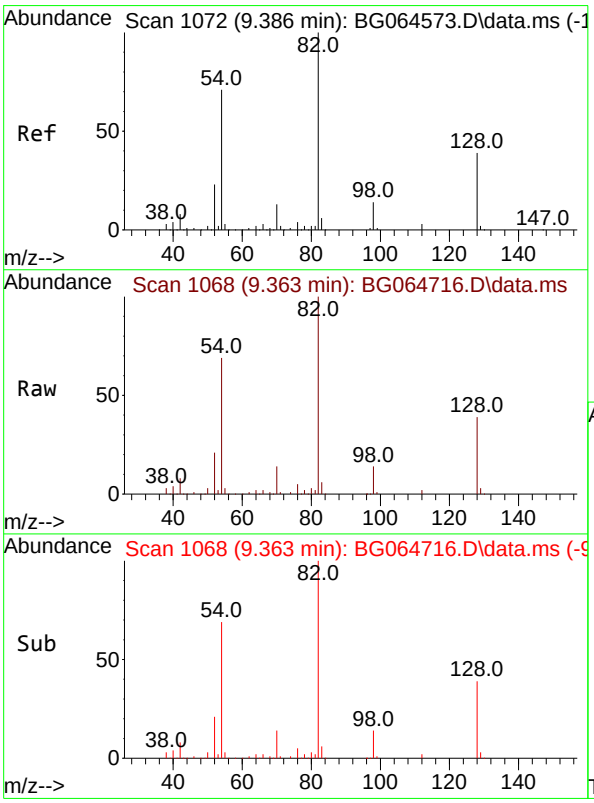
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion:136 Resp: 105180

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	12.6	12.6	19.0#
68	5.6	5.7	8.5#

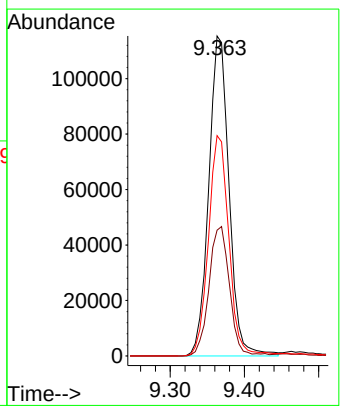


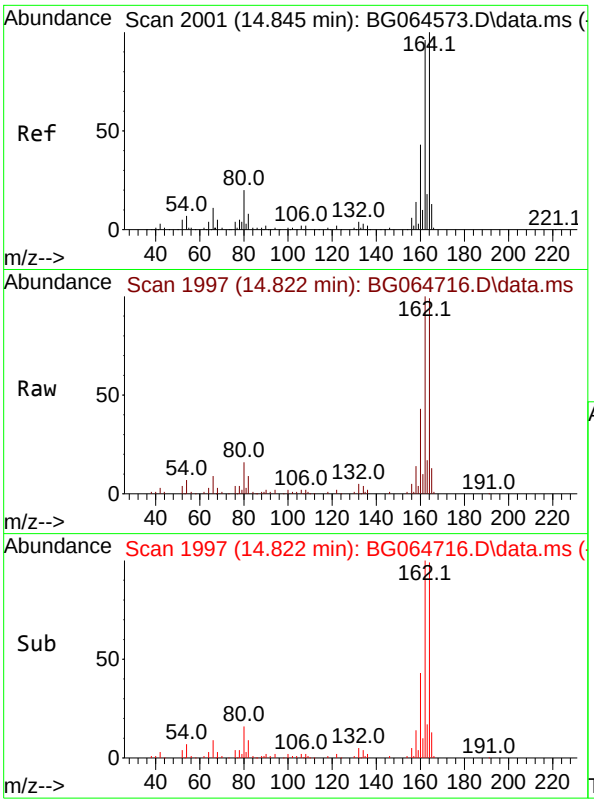


#23
Nitrobenzene-d5
Concen: 125.080 ng
RT: 9.363 min Scan# 1068
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion: 82 Resp: 219036

Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.3	46.9
54	68.9	56.6	84.8



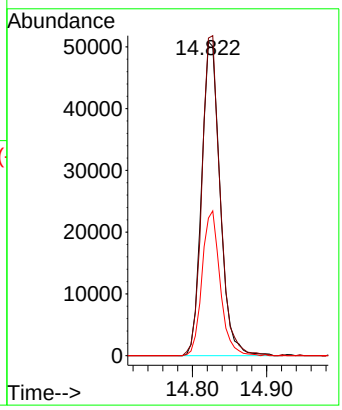


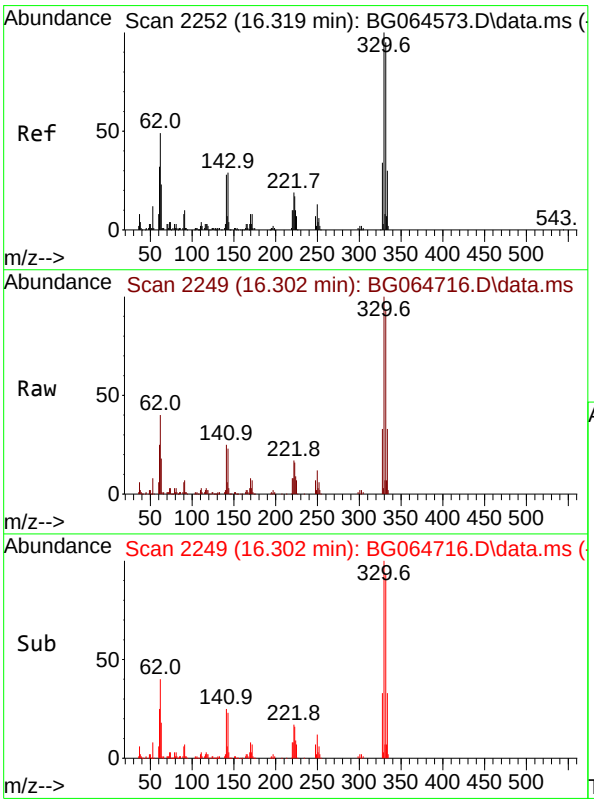
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.822 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion:164 Resp: 88068

Ion	Ratio	Lower	Upper
164	100		
162	101.2	77.0	115.6
160	43.9	34.4	51.6

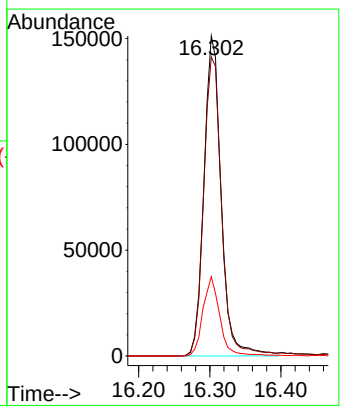


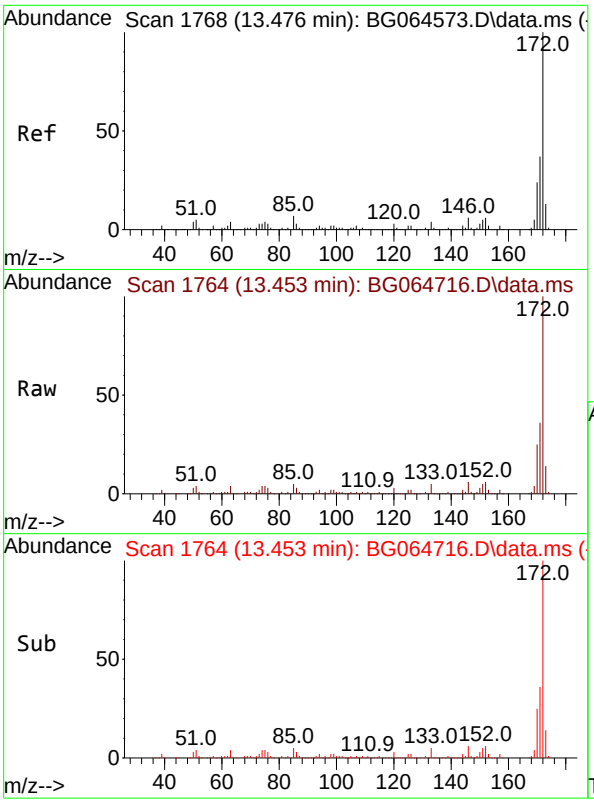


#42
2,4,6-Tribromophenol
Concen: 201.687 ng
RT: 16.302 min Scan# 2249
Delta R.T. -0.017 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:330 Resp: 256361

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	24.2	21.8	32.6



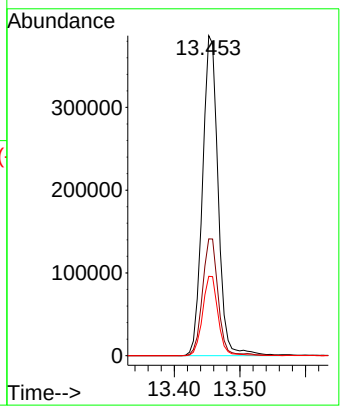


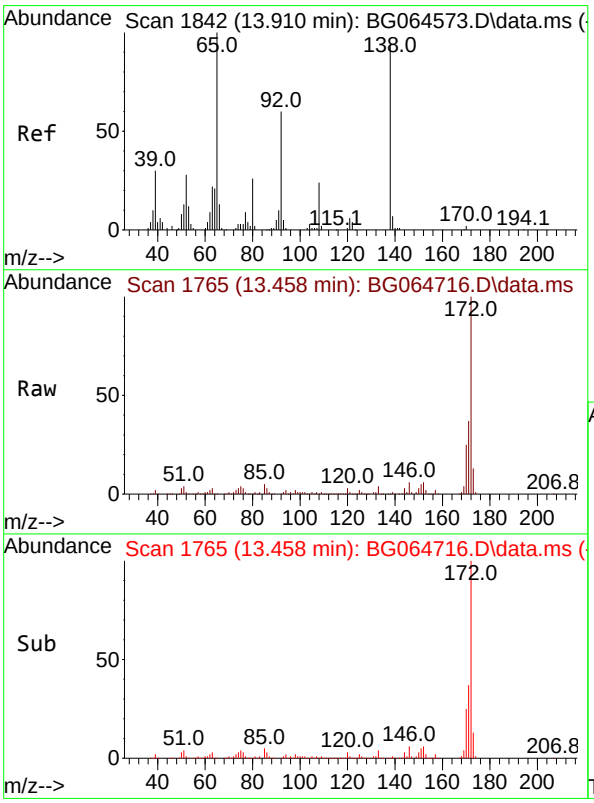
#45
2-Fluorobiphenyl
Concen: 110.308 ng
RT: 13.453 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion:172 Resp: 640913

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.8	19.1	28.7

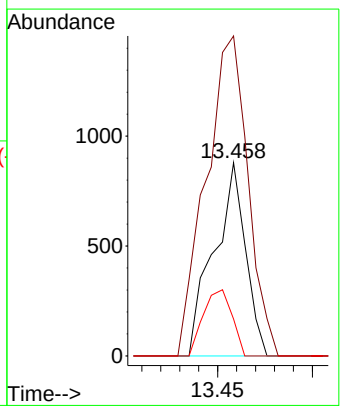


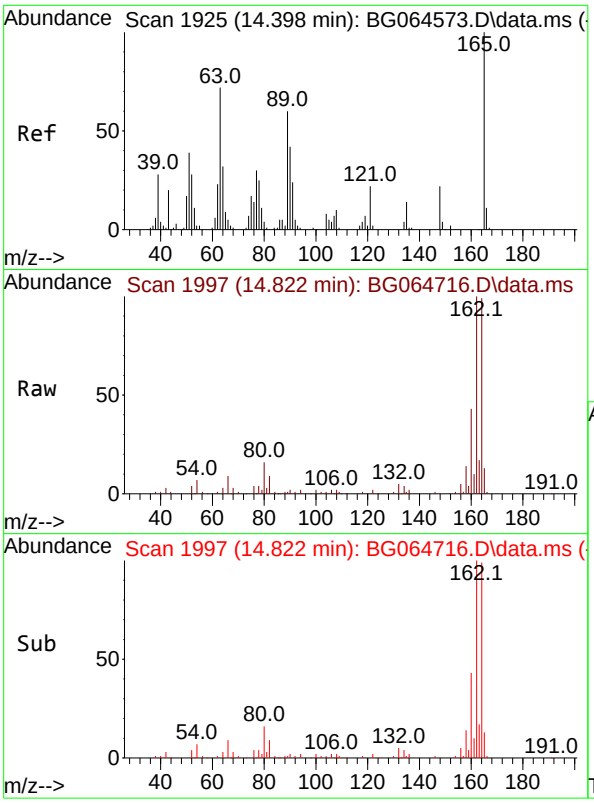


#48
2-Nitroaniline
Concen: 3.824 ng
RT: 13.458 min Scan# 1765
Delta R.T. -0.452 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion: 65 Resp: 1019

Ion	Ratio	Lower	Upper
65	100		
92	165.6	48.3	72.5#
138	19.1	74.9	112.3#



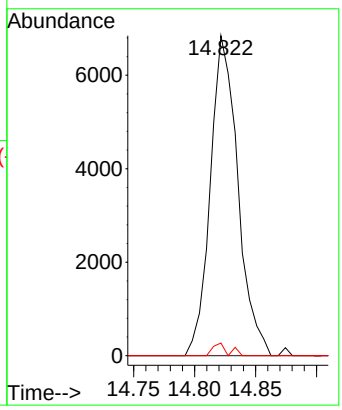


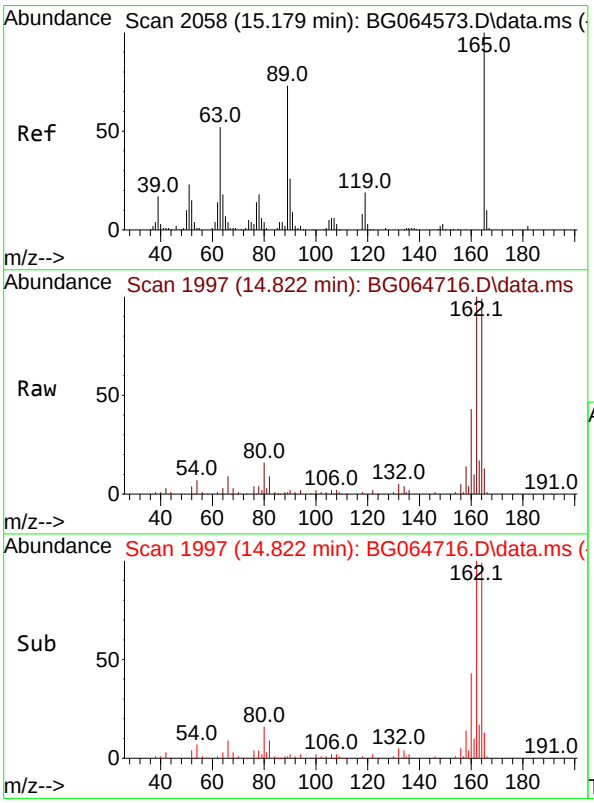
#51
2,6-Dinitrotoluene
Concen: 12.235 ng
RT: 14.822 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion:165 Resp: 10770

Ion	Ratio	Lower	Upper
165	100		
63	0.0	57.4	86.0#
89	4.0	47.8	71.8#

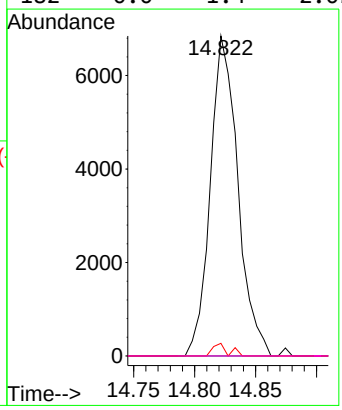


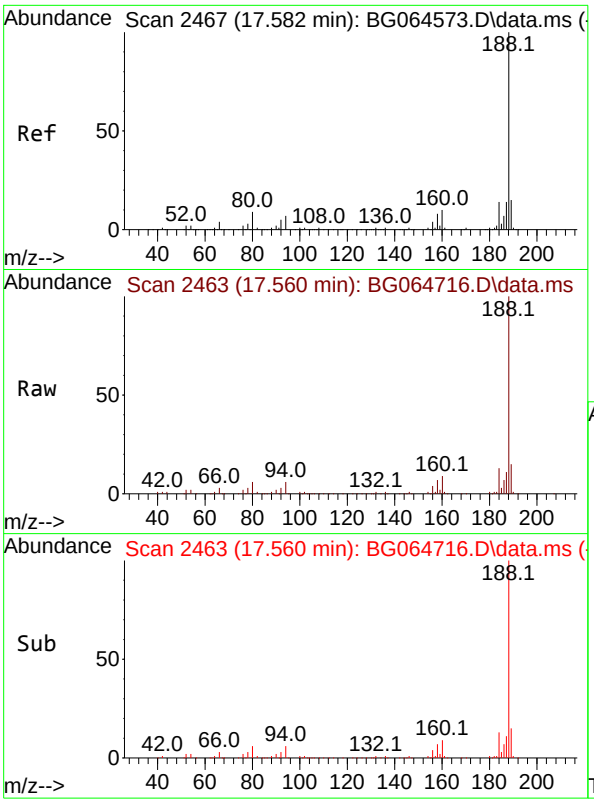


#57
2,4-Dinitrotoluene
Concen: 8.917 ng
RT: 14.822 min Scan# 1997
Delta R.T. -0.357 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:165 Resp: 10770

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	4.0	58.1	87.1#
182	0.0	1.4	2.0#



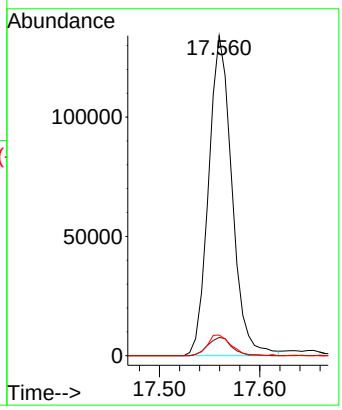


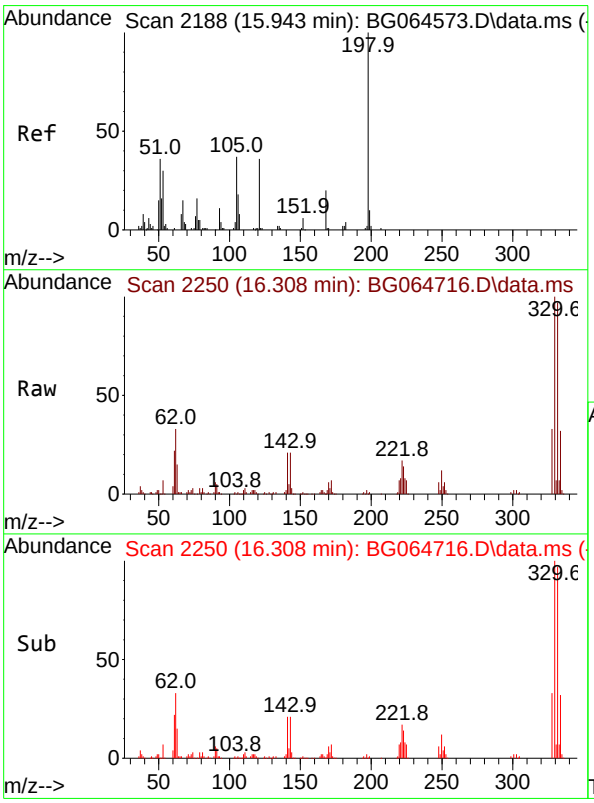
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.560 min Scan# 24
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion:188 Resp: 216770

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5
80	6.5	6.8	10.2#

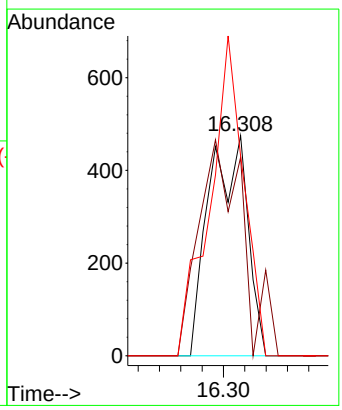


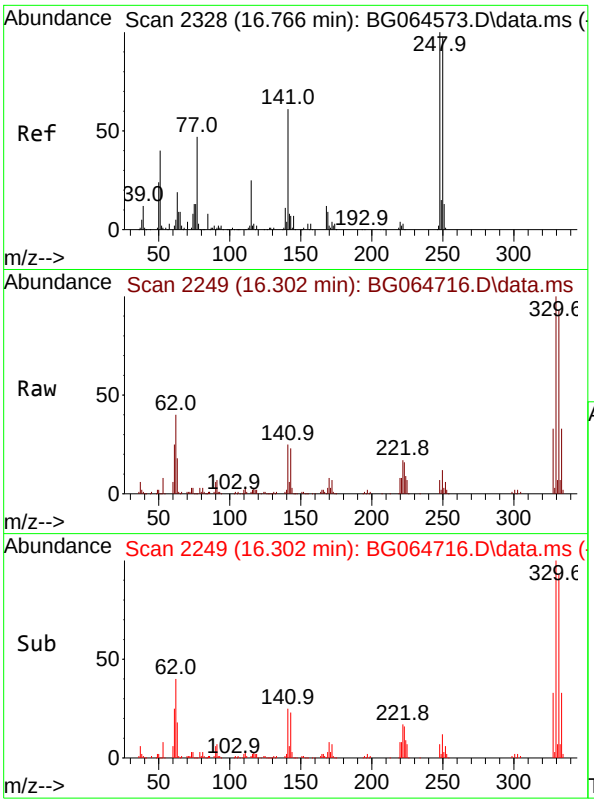


#65
4,6-Dinitro-2-methylphenol
Concen: 5.980 ng
RT: 16.308 min Scan# 2250
Delta R.T. 0.365 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:198 Resp: 595

Ion	Ratio	Lower	Upper
198	100		
51	22.4	24.7	64.7#
105	22.6	18.0	58.0



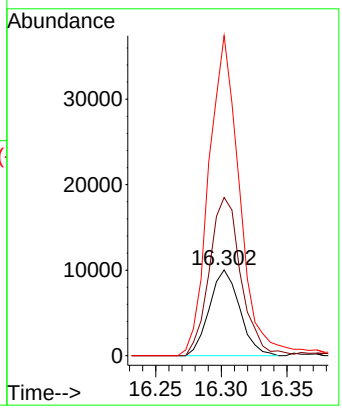


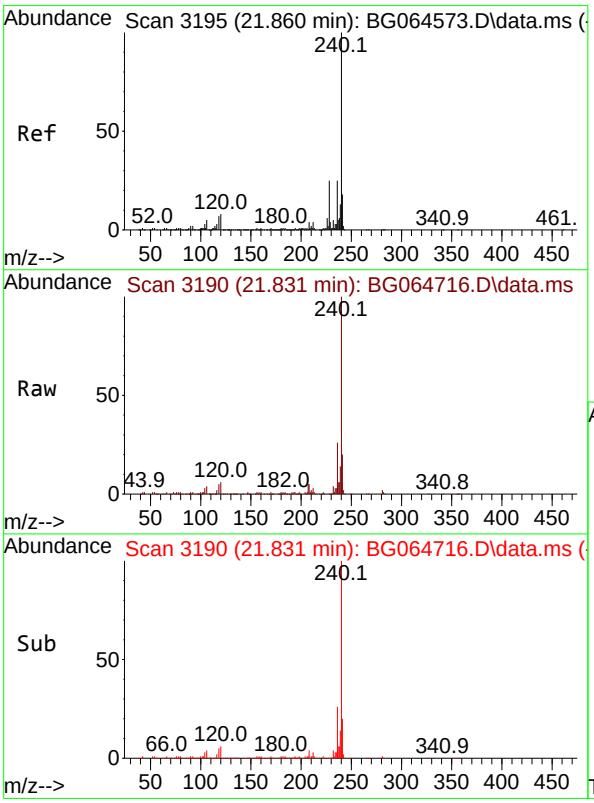
#67
4-Bromophenyl-phenylether
Concen: 6.288 ng
RT: 16.302 min Scan# 2
Delta R.T. -0.464 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion:248 Resp: 16153

Ion	Ratio	Lower	Upper
248	100		
250	181.6	77.7	116.5#
141	288.9	48.6	72.8#

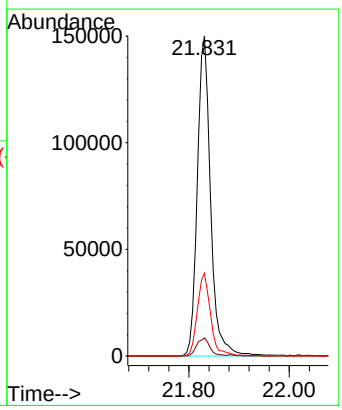


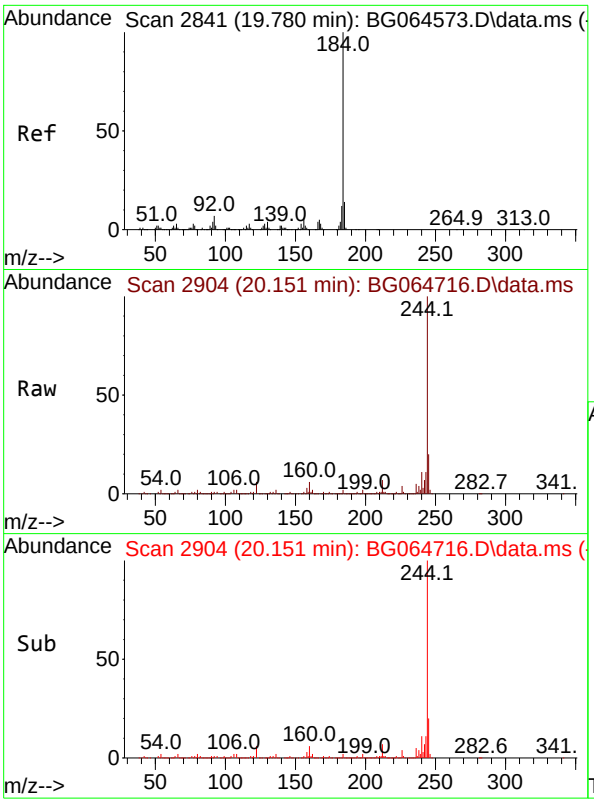


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:240 Resp: 275233

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.5	9.7#
236	25.9	20.2	30.2



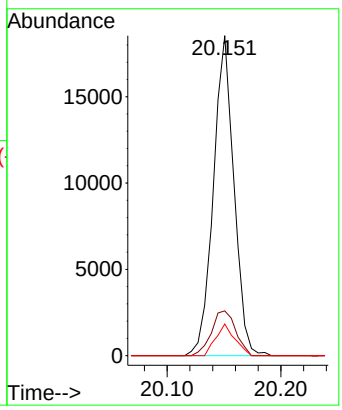


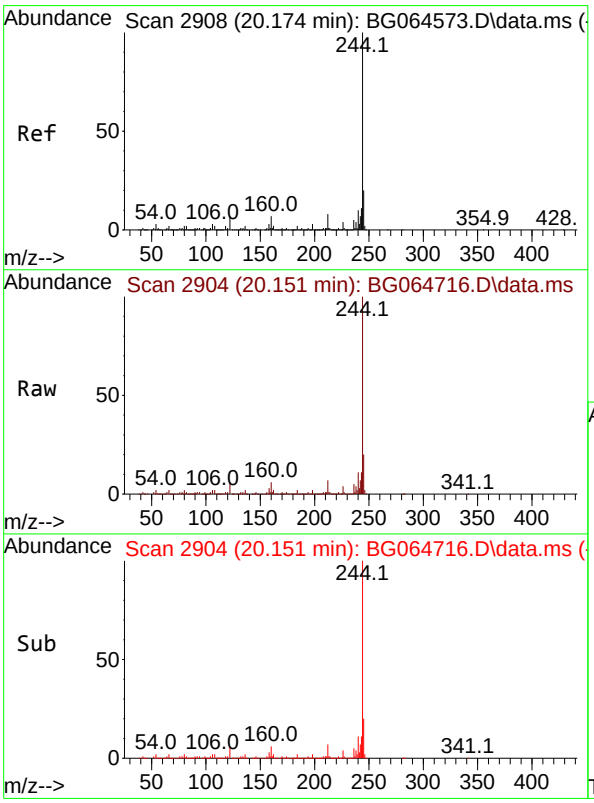
#77
Benzidine
Concen: 3.778 ng
RT: 20.151 min Scan# 2
Delta R.T. 0.371 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion:184 Resp: 23297

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.4	17.2
183	9.9	9.4	14.2

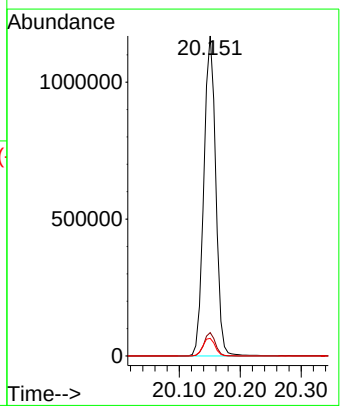


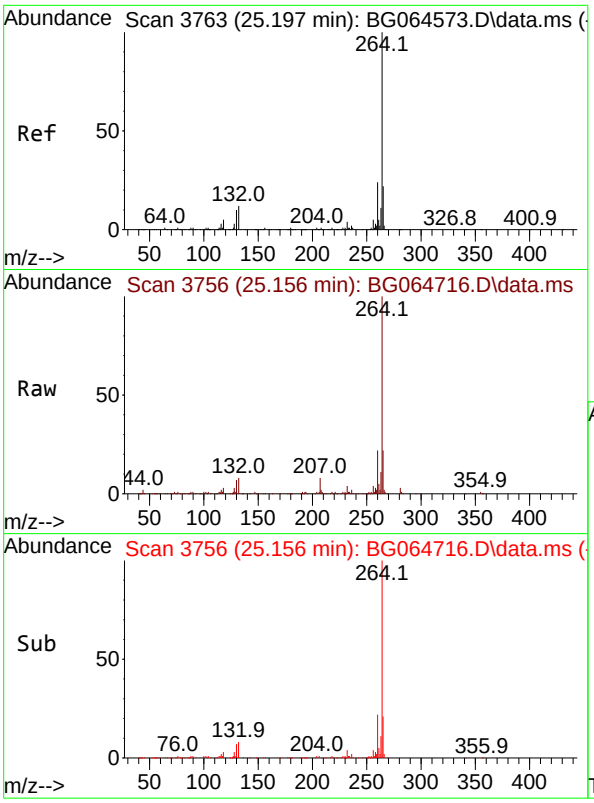


#79
Terphenyl-d14
Concen: 109.088 ng
RT: 20.151 min Scan# 2904
Delta R.T. -0.023 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Tgt Ion:244 Resp: 1590982

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	5.5	5.6	8.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.156 min Scan# 3
Delta R.T. -0.041 min
Lab File: BG064716.D
Acq: 7 Nov 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170394TB

Tgt Ion:264 Resp: 298098

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	21.8	17.6	26.4