Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
Data File : BG064688.D
Acq On : 5 Nov 2025 16:40
Operator : RC/JU
Sample : PB170325BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Quant Time: Nov 05 17:28:36 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	8.206	152	21793	20.000	ng	-0.02
21) Naphthalene-d8	11.032	136	87361	20.000	ng	-0.02
39) Acenaphthene-d10	14.827	164	87640	20.000	ng	-0.02
64) Phenanthrene-d10	17.565	188	303868	20.000	ng	-0.02
76) Chrysene-d12	21.837	240	367288	20.000	ng	#-0.02
86) Perylene-d12	25.168	264	367617	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.738	112	195231	150.367	ng	-0.01
7) Phenol-d6	7.342	99	272999	153.230	ng	-0.01
23) Nitrobenzene-d5	9.363	82	156148	107.355	ng	-0.02
42) 2,4,6-Tribromophenol	16.308	330	279538	220.995	ng	-0.01
45) 2-Fluorobiphenyl	13.458	172	511729	88.504	ng	-0.02
79) Terphenyl-d14	20.156	244	2038037	104.717	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.363	70	20405	16.572	ng	# 78
48) 2-Nitroaniline	13.458	65	796	3.695	ng	# 1
51) 2,6-Dinitrotoluene	14.827	165	10754	12.265	ng	# 17
57) 2,4-Dinitrotoluene	14.827	165	10754	8.937	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.302	198	663	5.866	ng	# 66
67) 4-Bromophenyl-phenylether	16.308	248	16405	4.556	ng	# 1
77) Benzidine	20.156	184	30655	3.725	ng	96

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

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QLast Update : Mon Nov 03 18:16:26 2025
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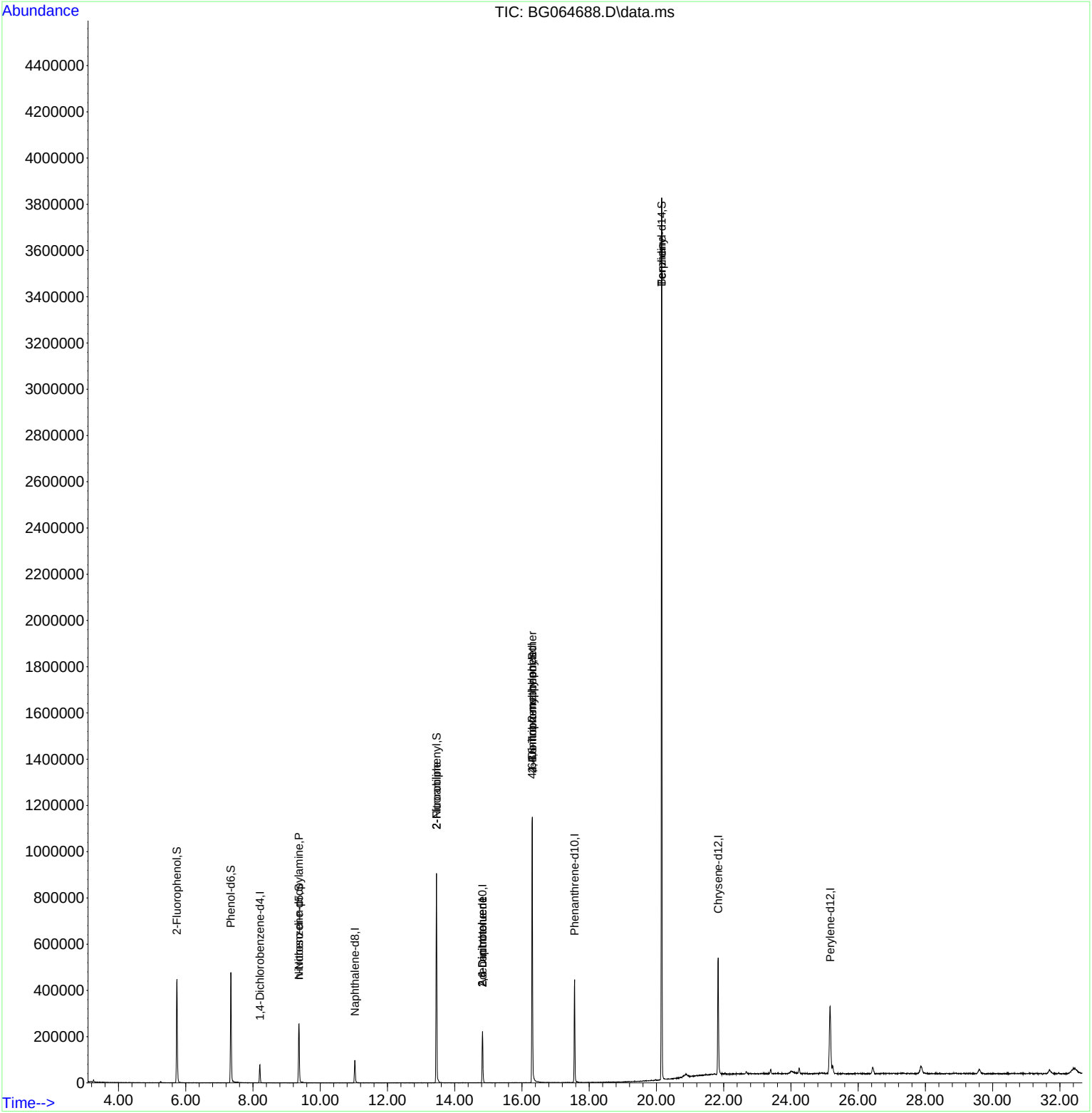
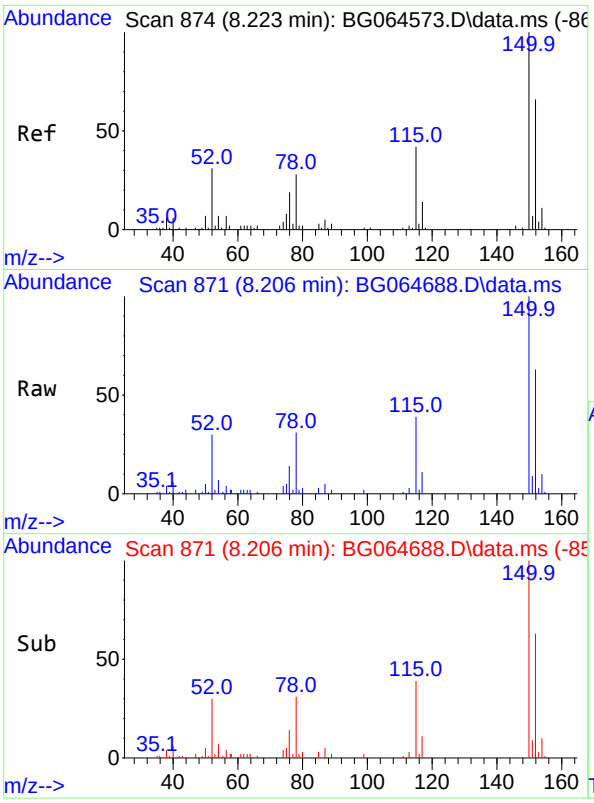


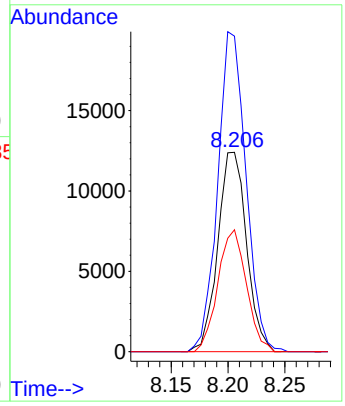


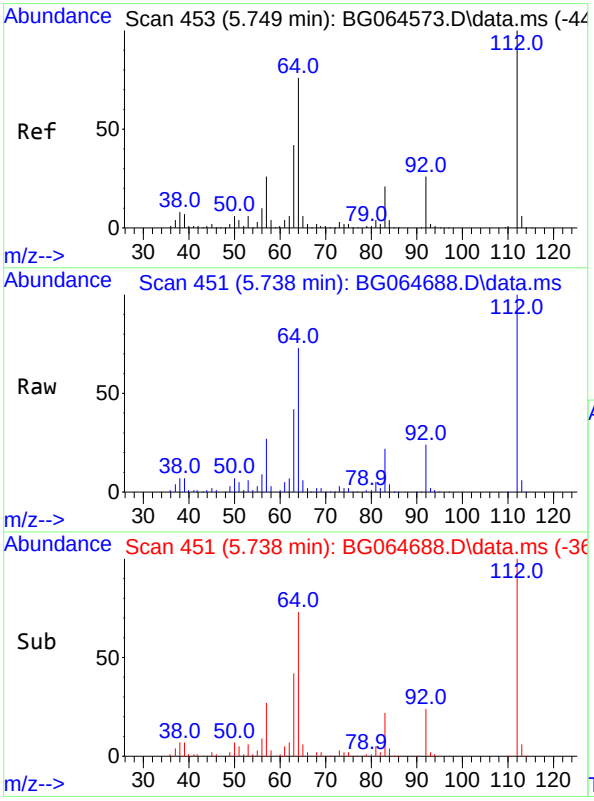
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 8
Delta R.T. -0.017 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion:152 Resp: 21793

Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.2	183.4
115	61.1	50.8	76.2

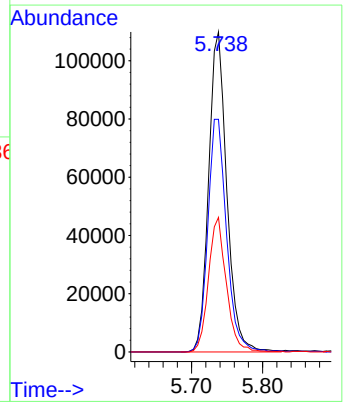


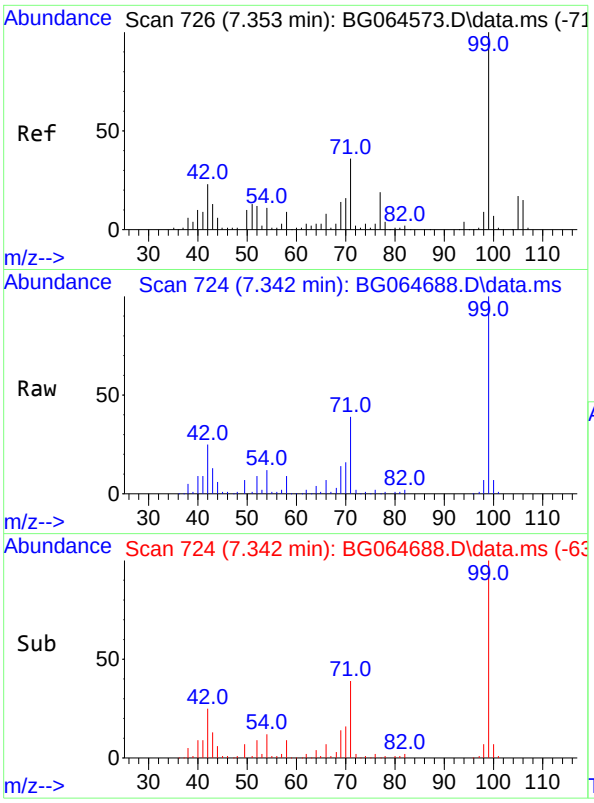


#5
2-Fluorophenol
Concen: 150.367 ng
RT: 5.738 min Scan# 451
Delta R.T. -0.011 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Tgt Ion:112 Resp: 195231

Ion	Ratio	Lower	Upper
112	100		
64	72.7	60.7	91.1
63	42.1	33.4	50.0



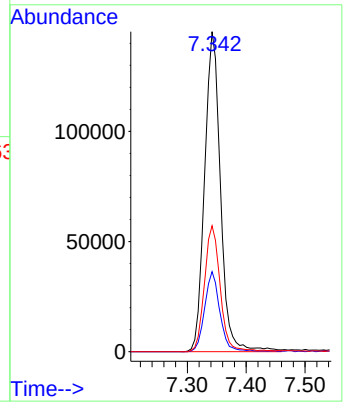


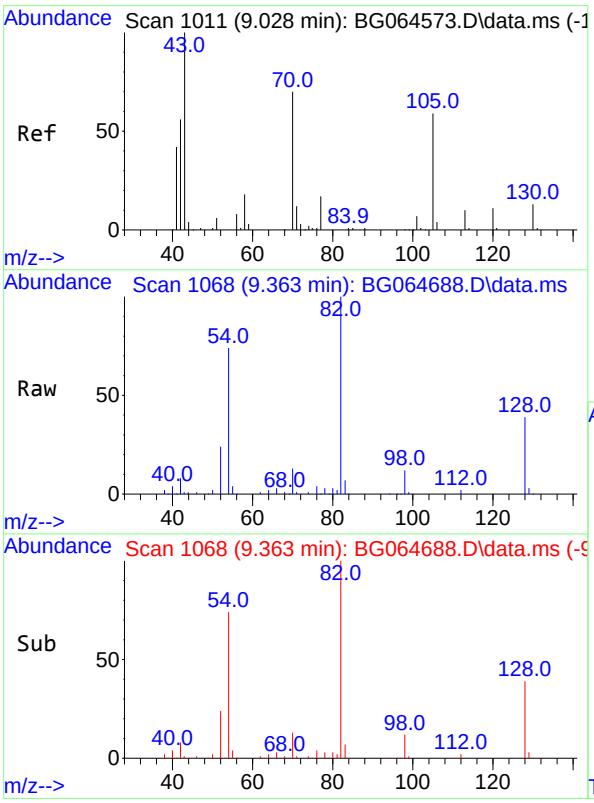
#7
Phenol-d6
Concen: 153.230 ng
RT: 7.342 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion: 99 Resp: 272999

Ion	Ratio	Lower	Upper
99	100		
42	25.0	18.3	27.5
71	39.3	28.6	43.0

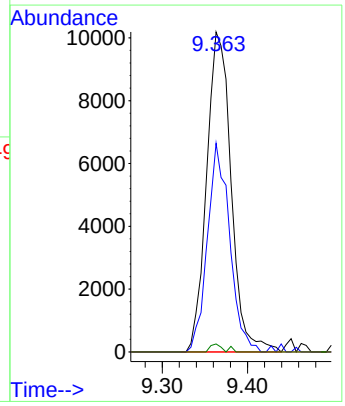


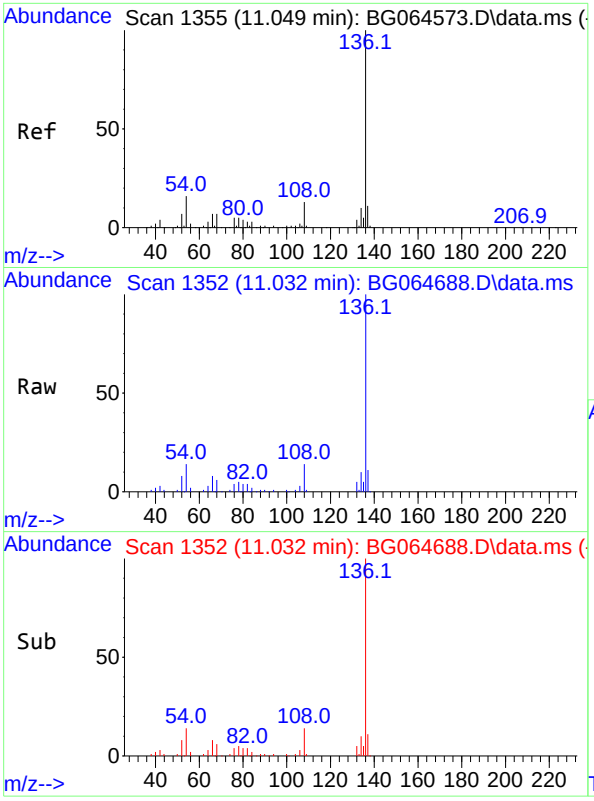


#19
n-Nitroso-di-n-propylamine
Concen: 16.572 ng
RT: 9.363 min Scan# 1068
Delta R.T. 0.335 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Tgt Ion: 70 Resp: 20405

Ion	Ratio	Lower	Upper
70	100		
42	65.2	65.2	97.8
101	0.0	7.9	11.9#
130	2.5	14.3	21.5#



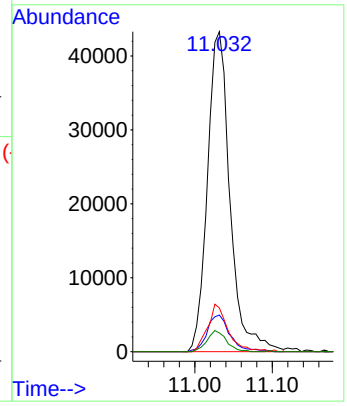


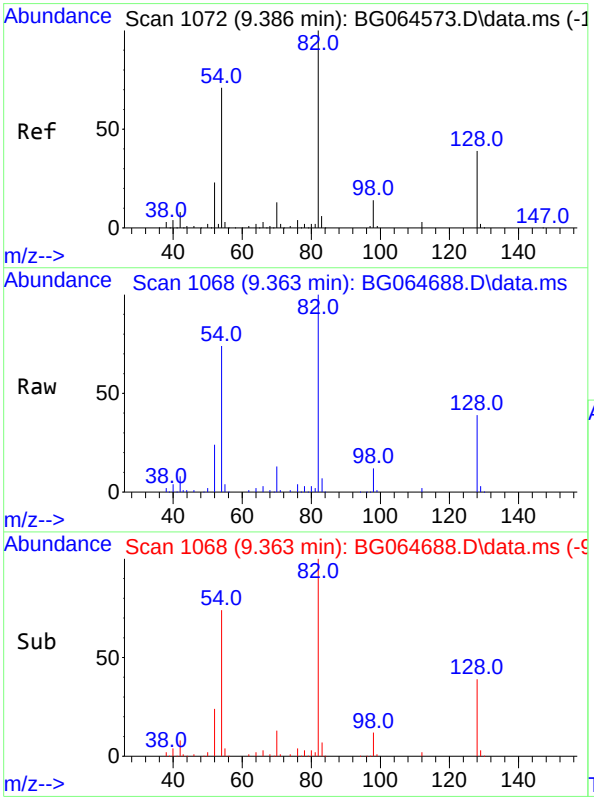
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion:136 Resp: 87361

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	13.7	12.6	19.0
68	5.9	5.7	8.5

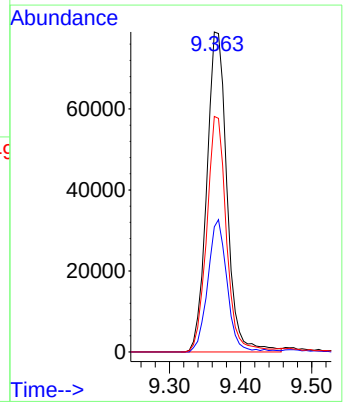


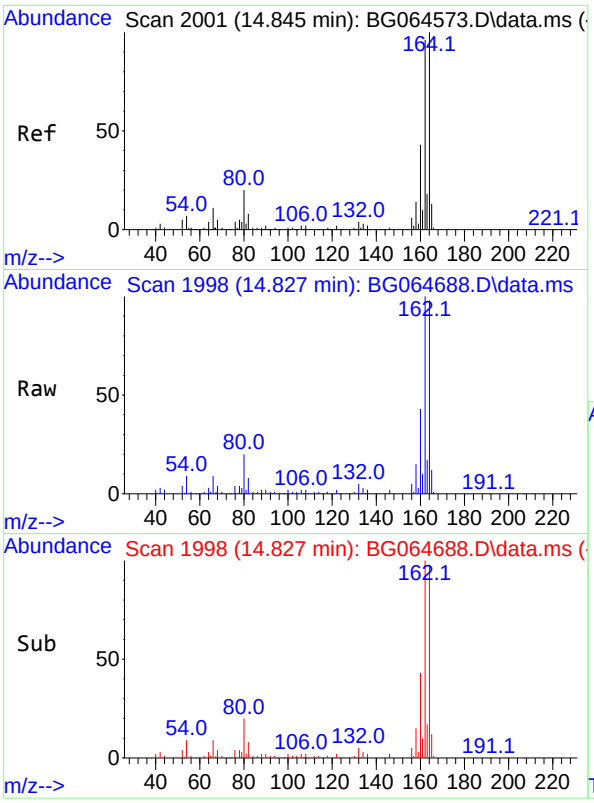


#23
Nitrobenzene-d5
Concen: 107.355 ng
RT: 9.363 min Scan# 1068
Delta R.T. -0.023 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Tgt Ion: 82 Resp: 156148

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	73.6	56.6	84.8



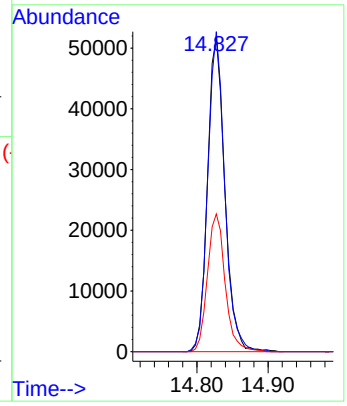


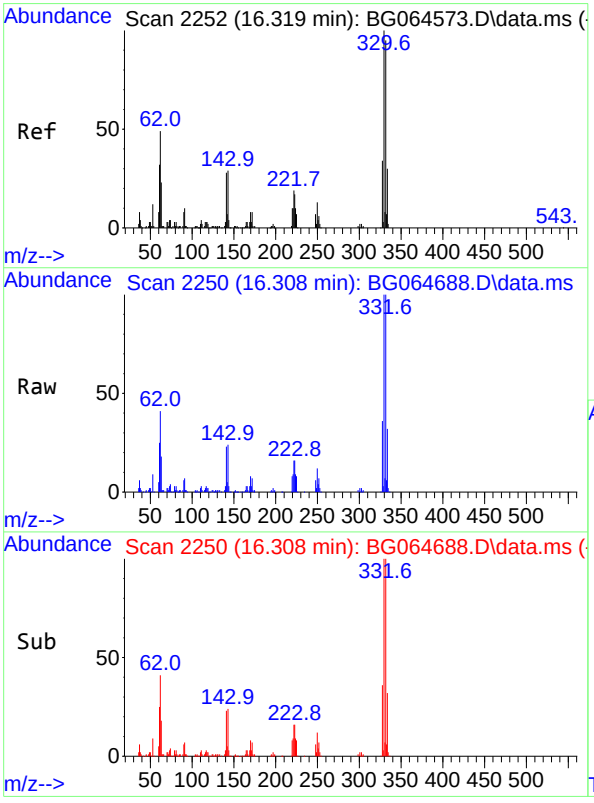
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion:164 Resp: 87640

Ion	Ratio	Lower	Upper
164	100		
162	101.9	77.0	115.6
160	43.9	34.4	51.6

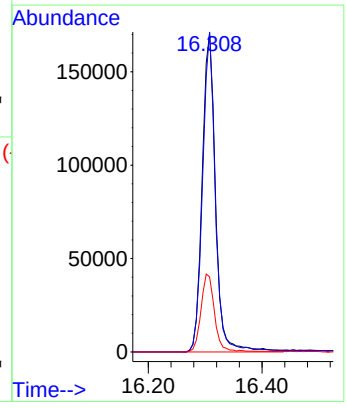


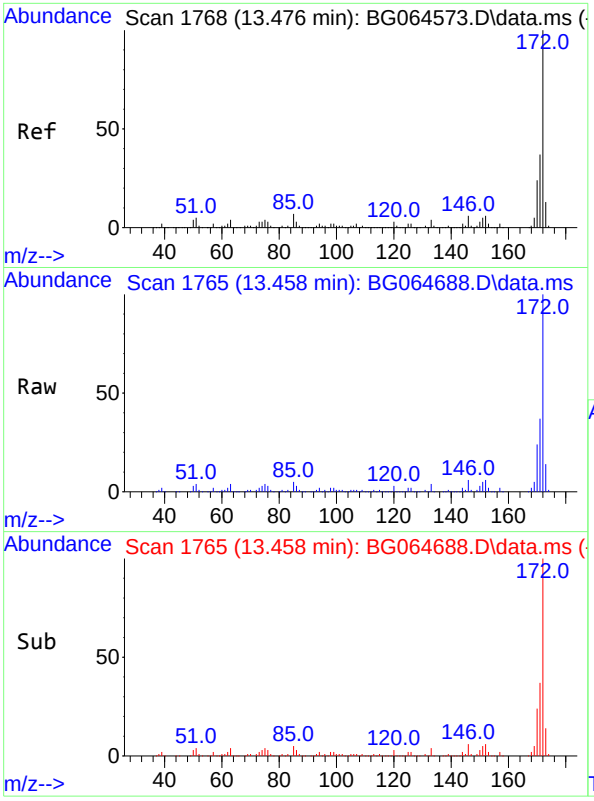


#42
2,4,6-Tribromophenol
Concen: 220.995 ng
RT: 16.308 min Scan# 2250
Delta R.T. -0.011 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Tgt Ion:330 Resp: 279538

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	25.0	21.8	32.6



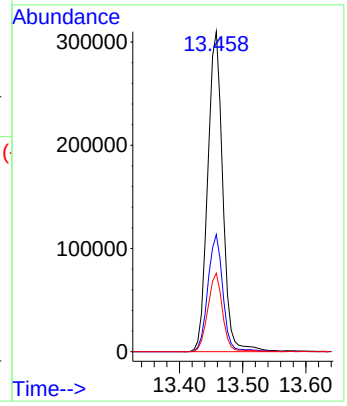


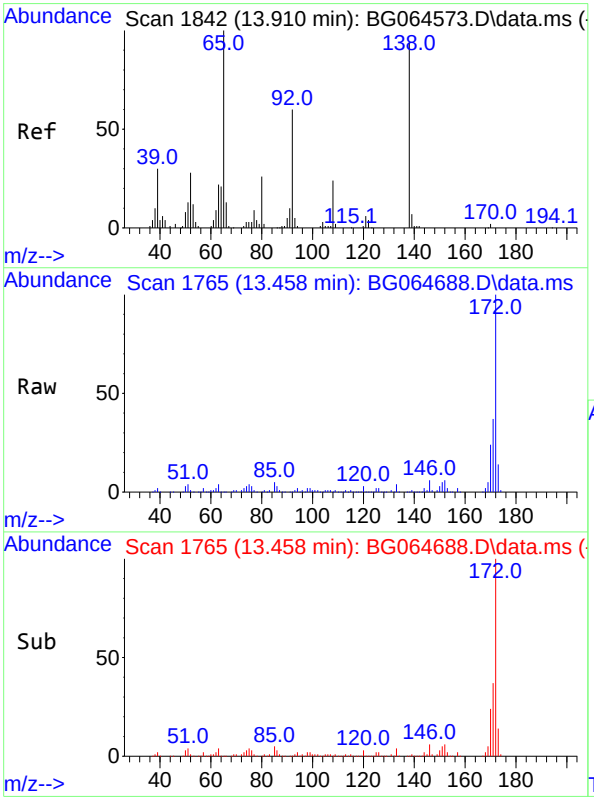
#45
2-Fluorobiphenyl
Concen: 88.504 ng
RT: 13.458 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion:172 Resp: 511729

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.5	19.1	28.7

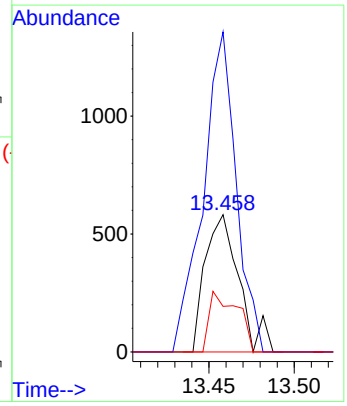


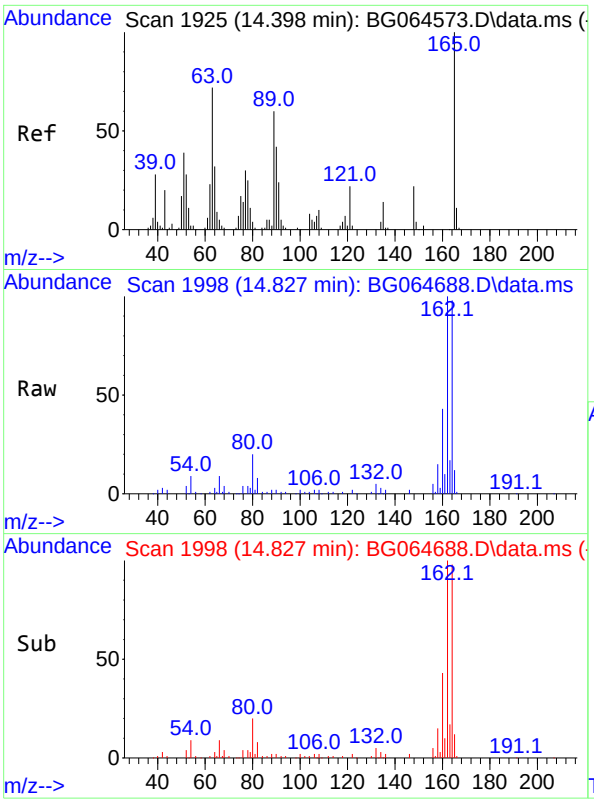


#48
2-Nitroaniline
Concen: 3.695 ng
RT: 13.458 min Scan# 1765
Delta R.T. -0.452 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Tgt Ion: 65 Resp: 796

Ion	Ratio	Lower	Upper
65	100		
92	233.2	48.3	72.5#
138	33.2	74.9	112.3#



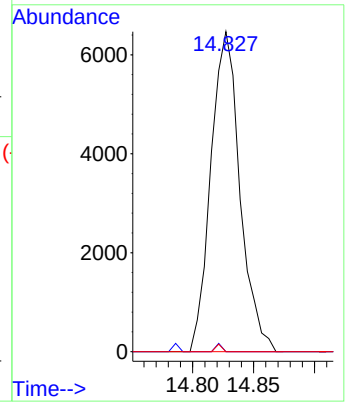


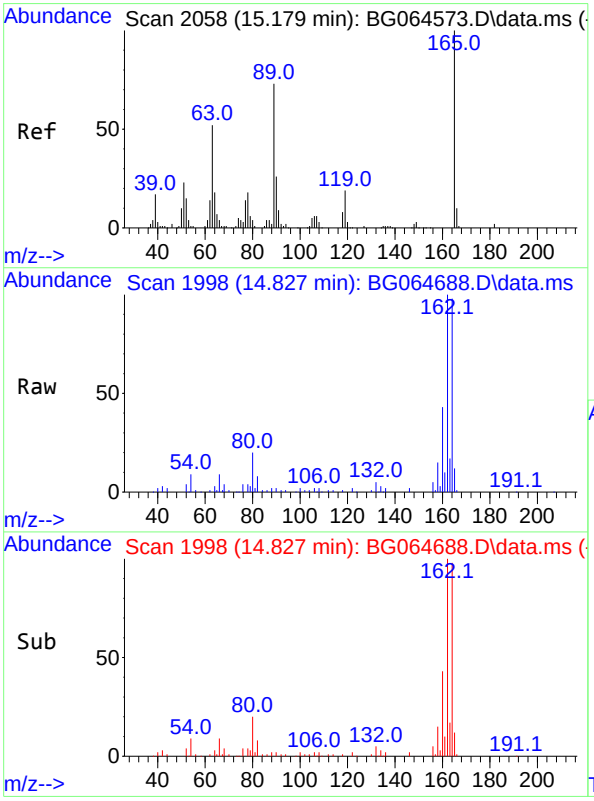
#51
2,6-Dinitrotoluene
Concen: 12.265 ng
RT: 14.827 min Scan# 1
Delta R.T. 0.429 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion:165 Resp: 10754

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

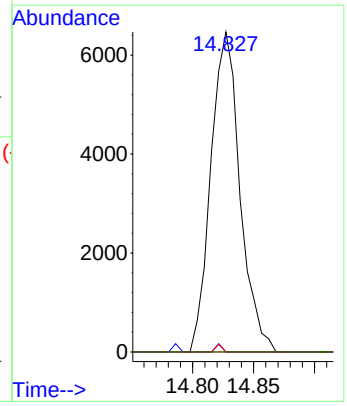


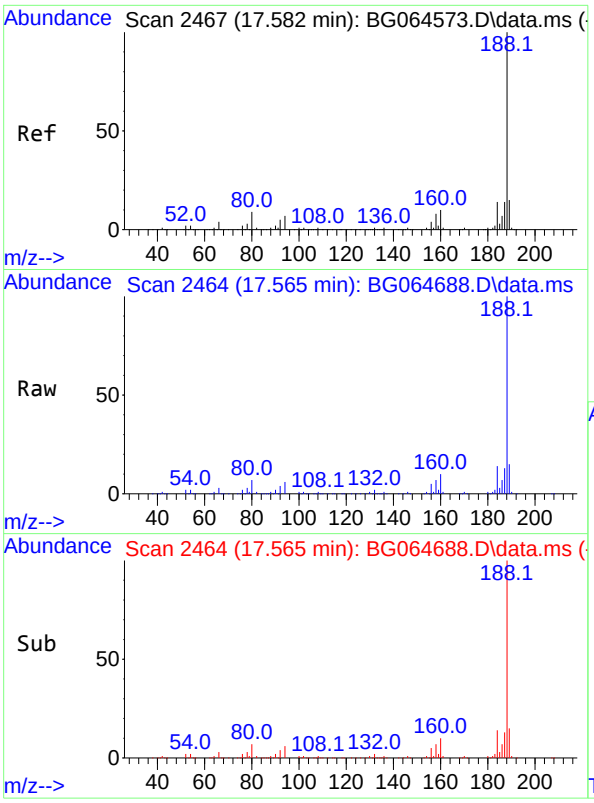


#57
2,4-Dinitrotoluene
Concen: 8.937 ng
RT: 14.827 min Scan# 1998
Delta R.T. -0.352 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Tgt Ion:165 Resp: 10754

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#



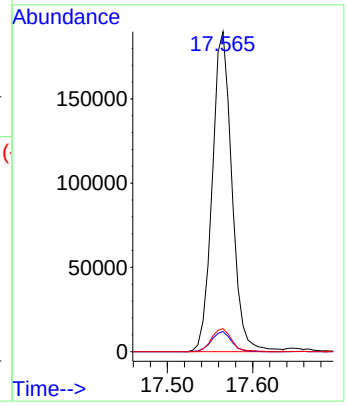


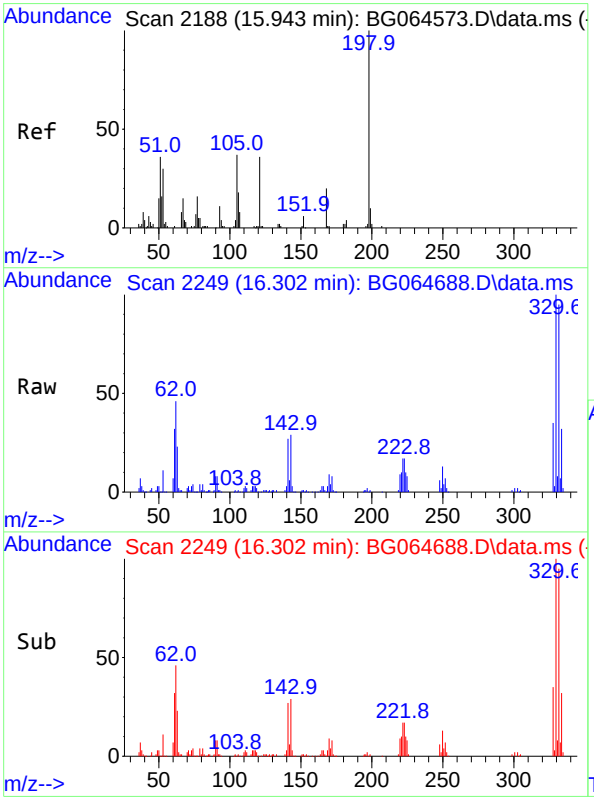
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.565 min Scan# 24
Delta R.T. -0.017 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion:188 Resp: 303868

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	7.2	6.8	10.2

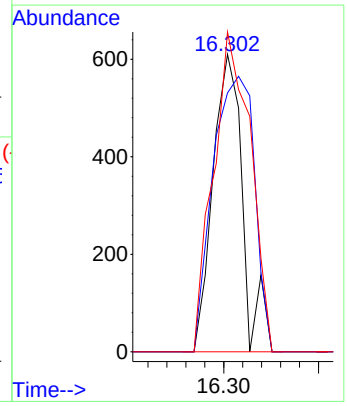


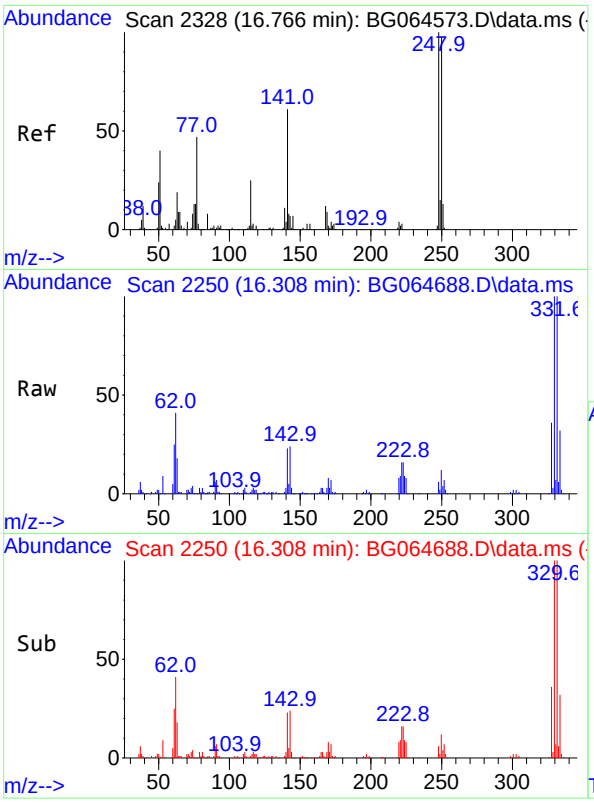


#65
4,6-Dinitro-2-methylphenol
Concen: 5.866 ng
RT: 16.302 min Scan# 2249
Delta R.T. 0.359 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Tgt Ion:198 Resp: 663

Ion	Ratio	Lower	Upper
198	100		
51	18.2	24.7	64.7#
105	22.5	18.0	58.0



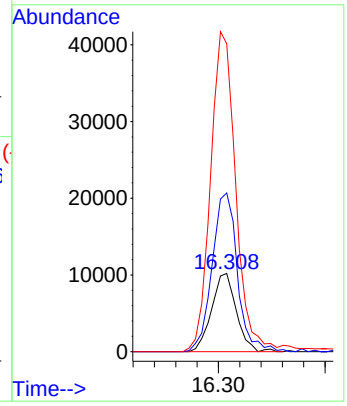


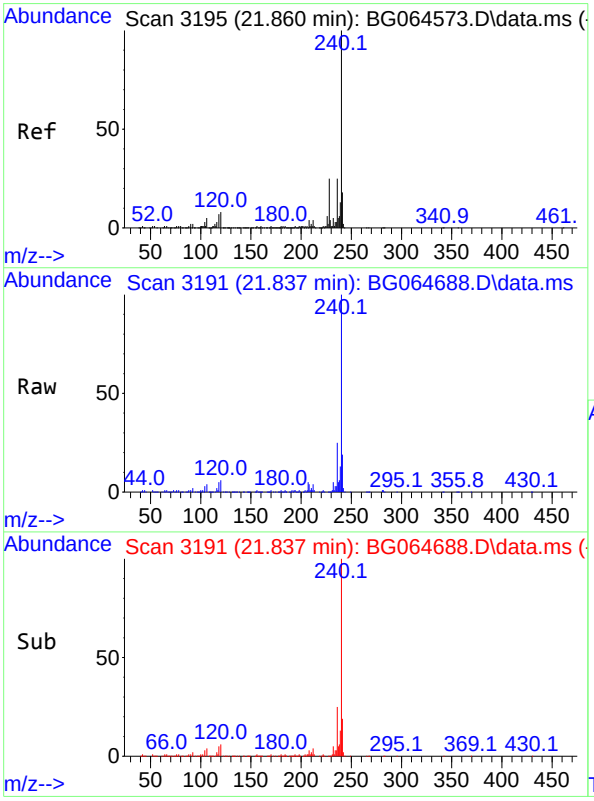
#67
4-Bromophenyl-phenylether
Concen: 4.556 ng
RT: 16.308 min Scan# 2
Delta R.T. -0.458 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion:248 Resp: 16405

Ion	Ratio	Lower	Upper
248	100		
250	151.3	77.7	116.5#
141	293.5	48.6	72.8#

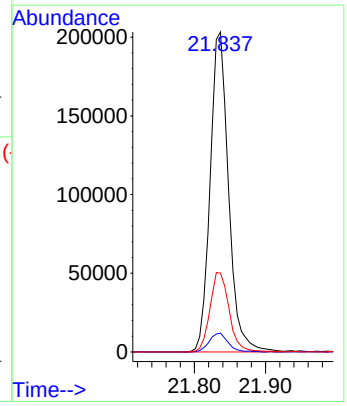


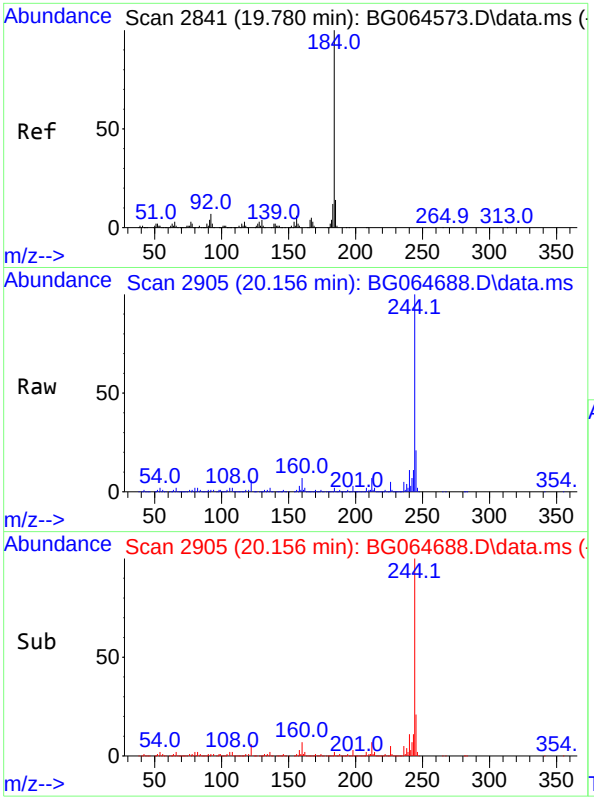


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.837 min Scan# 3191
Delta R.T. -0.023 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Tgt Ion:240 Resp: 367288

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.5	9.7#
236	24.7	20.2	30.2



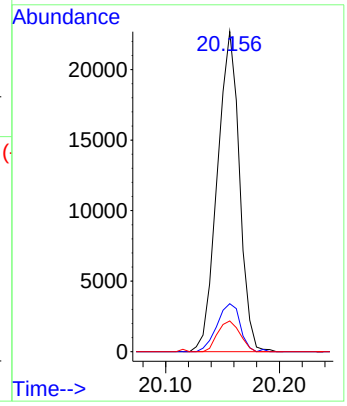


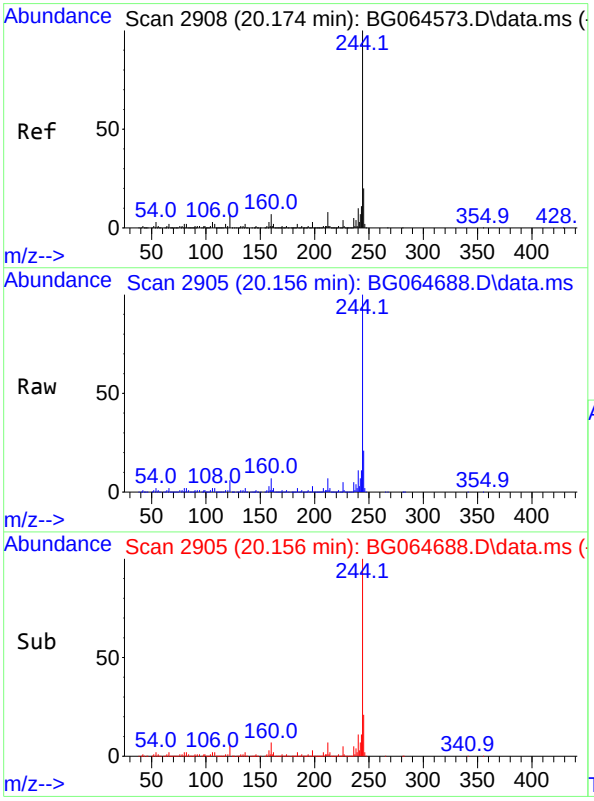
#77
Benzidine
Concen: 3.725 ng
RT: 20.156 min Scan# 2
Delta R.T. 0.376 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion:184 Resp: 30655

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.4	17.2
183	9.6	9.4	14.2

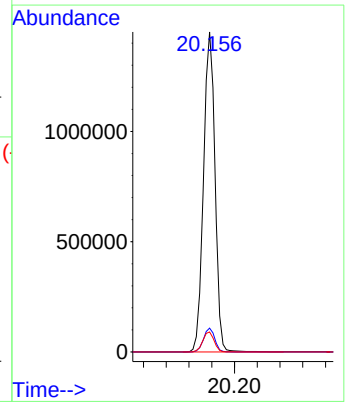


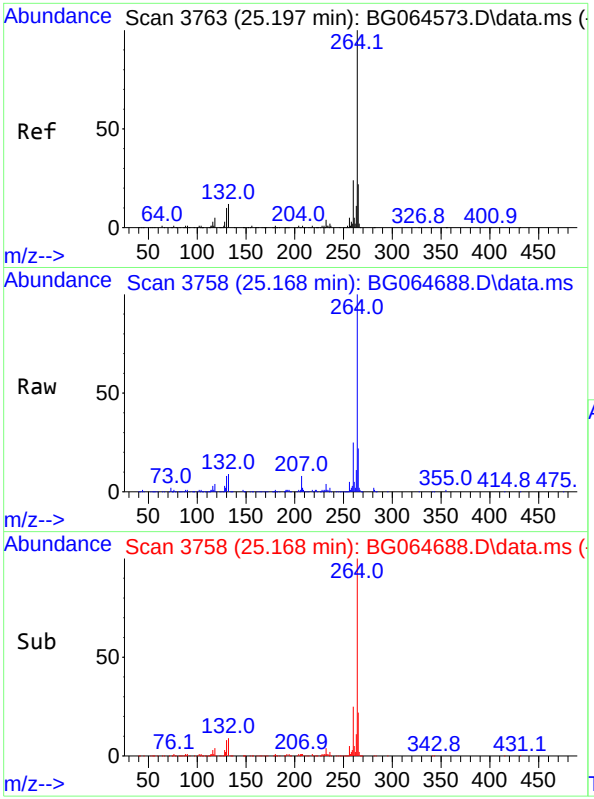


#79
Terphenyl-d14
Concen: 104.717 ng
RT: 20.156 min Scan# 2905
Delta R.T. -0.017 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Tgt Ion:244 Resp: 2038037

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	6.2	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.168 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064688.D
Acq: 5 Nov 2025 16:40

Instrument :
BNA_G
ClientSampleId :
PB170325BL

Tgt Ion:264 Resp: 367617

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	22.1	17.6	26.4