Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064619.D
Acq On : 29 Oct 2025 12:03
Operator : RC/JU
Sample : PB170285BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Quant Time: Oct 29 12:43:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	31966	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	126218	20.000	ng	-0.01
39) Acenaphthene-d10	14.838	164	100016	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	253171	20.000	ng	0.00
76) Chrysene-d12	21.847	240	318569	20.000	ng	-0.02
86) Perylene-d12	25.191	264	365282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	281567	147.847	ng	0.00
7) Phenol-d6	7.353	99	368638	141.063	ng	0.00
23) Nitrobenzene-d5	9.380	82	225643	107.375	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	234059	162.143	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	627891	95.157	ng	0.00
79) Terphenyl-d14	20.167	244	1533731	90.856	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.386	70	29912	16.562	ng	# 68
48) 2-Nitroaniline	13.469	65	1264	3.879	ng	# 1
51) 2,6-Dinitrotoluene	14.838	165	13122	12.893	ng	# 17
57) 2,4-Dinitrotoluene	14.838	165	13122	9.344	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.319	198	667	5.958	ng	# 1
67) 4-Bromophenyl-phenylether	16.319	248	15150	5.050	ng	# 1
77) Benzidine	20.167	184	23964	3.358	ng	# 91

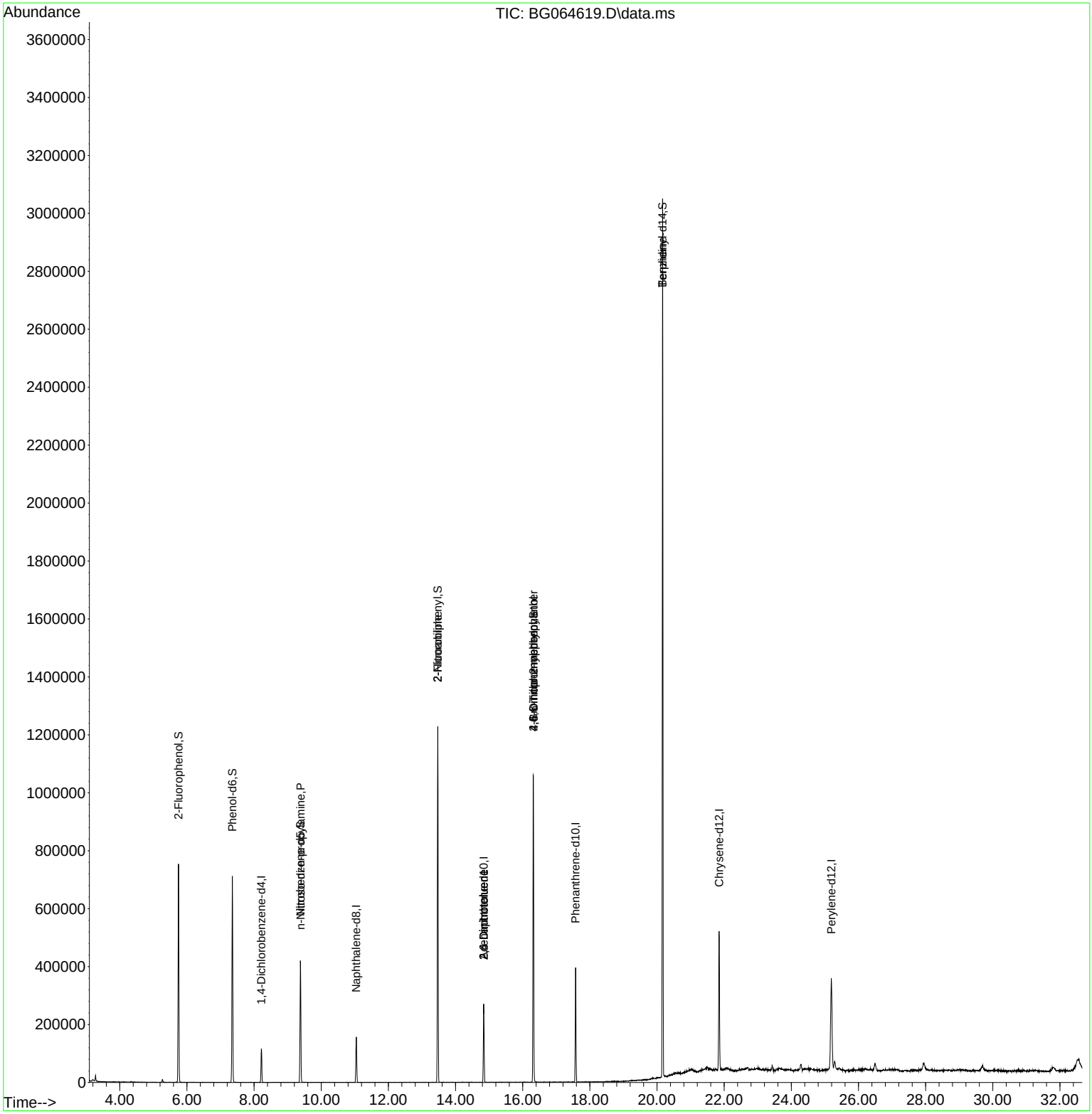
(#) = qualifier out of range (m) = manual integration (+) = signals summed

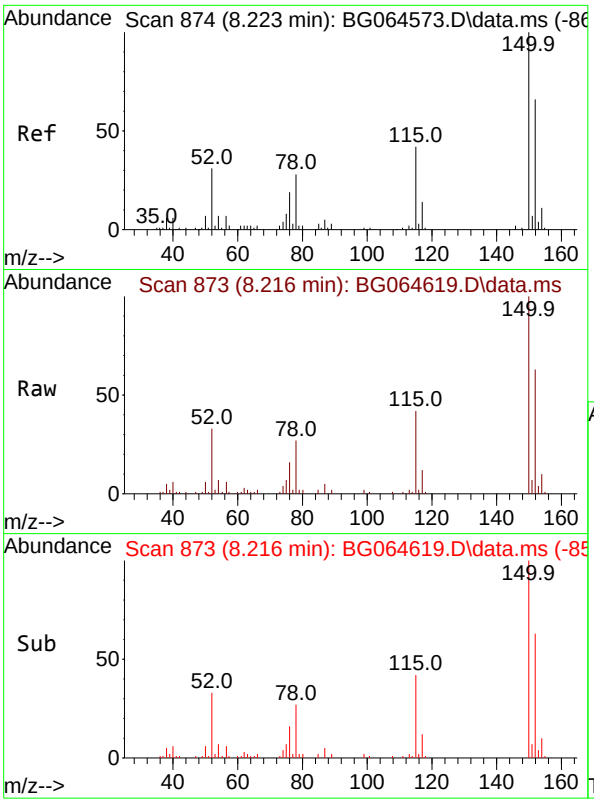
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064619.D
Acq On : 29 Oct 2025 12:03
Operator : RC/JU
Sample : PB170285BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Quant Time: Oct 29 12:43:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



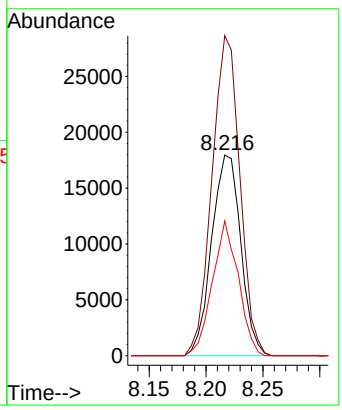


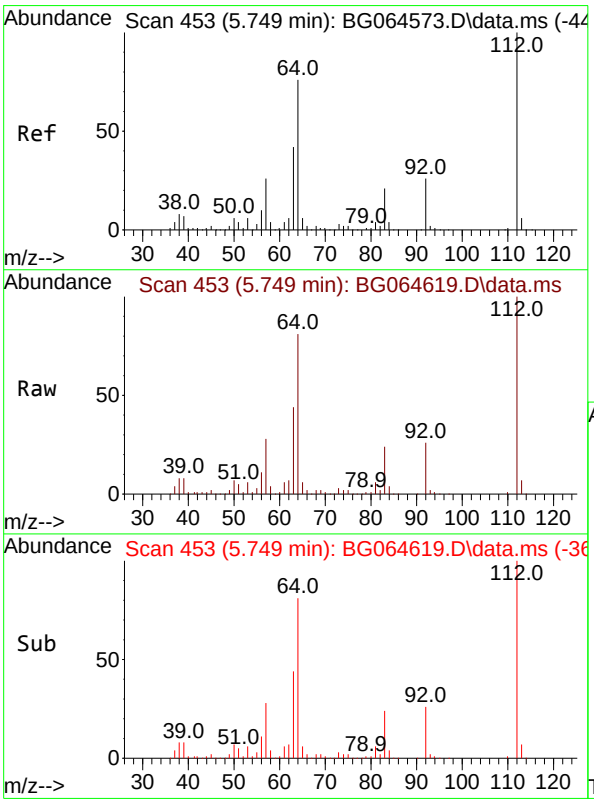
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion:152 Resp: 31966

Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.2	183.4
115	67.2	50.8	76.2

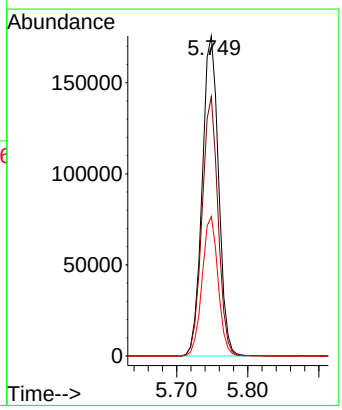


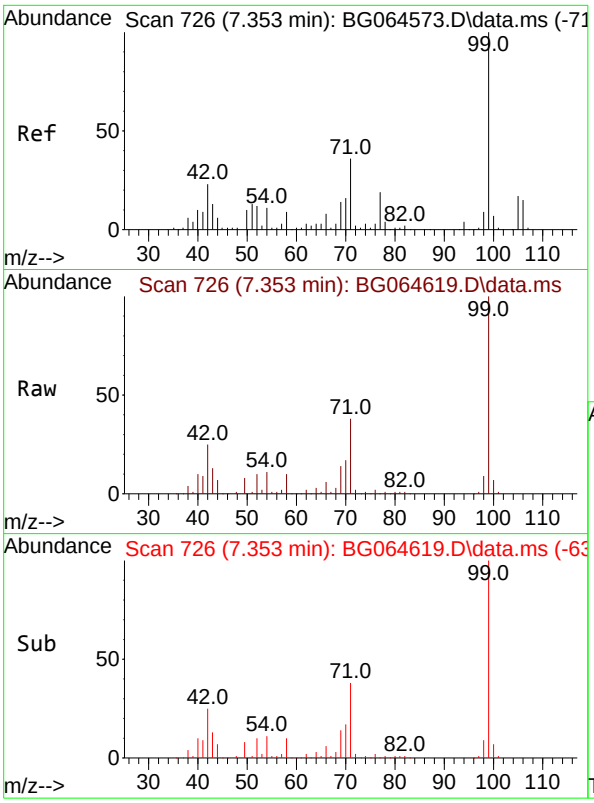


#5
2-Fluorophenol
Concen: 147.847 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:112 Resp: 281567

Ion	Ratio	Lower	Upper
112	100		
64	81.1	60.7	91.1
63	43.6	33.4	50.0



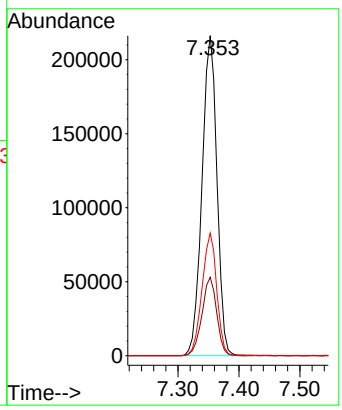


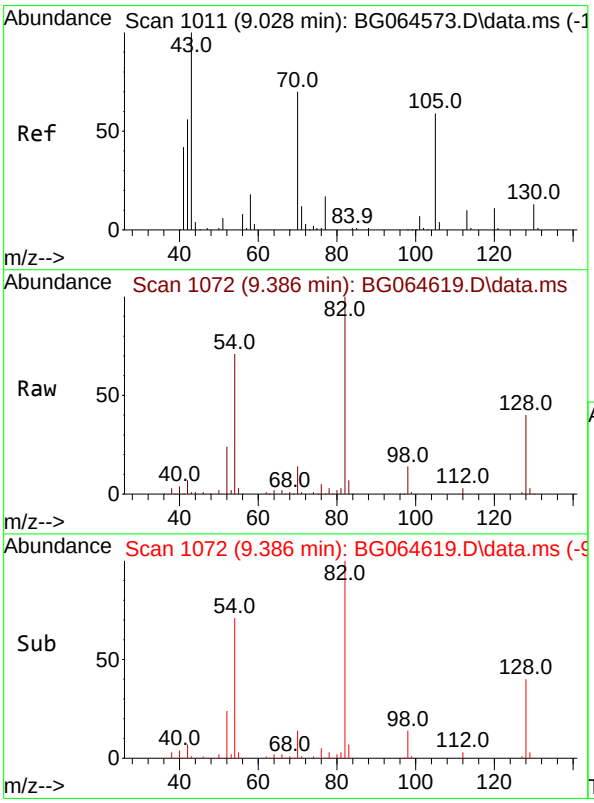
#7
Phenol-d6
Concen: 141.063 ng
RT: 7.353 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion: 99 Resp: 368638

Ion	Ratio	Lower	Upper
99	100		
42	24.5	18.3	27.5
71	38.3	28.6	43.0

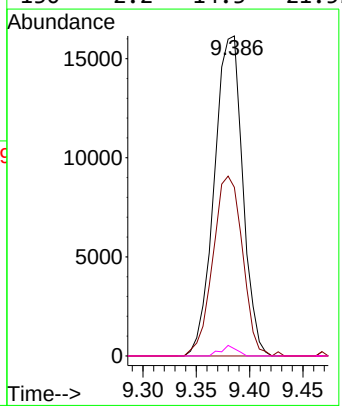


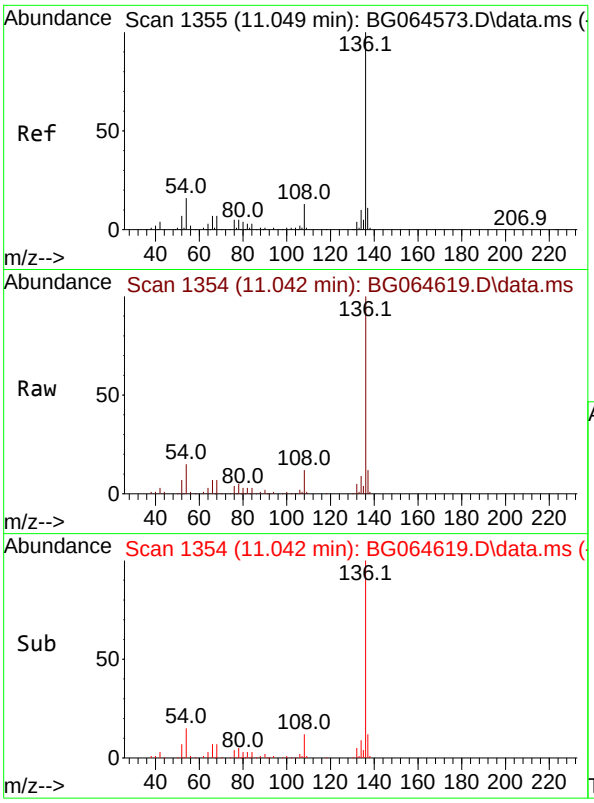


#19
n-Nitroso-di-n-propylamine
Concen: 16.562 ng
RT: 9.386 min Scan# 1072
Delta R.T. 0.354 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion: 70 Resp: 29912

Ion	Ratio	Lower	Upper
70	100		
42	52.7	65.2	97.8#
101	0.0	7.9	11.9#
130	2.2	14.3	21.5#



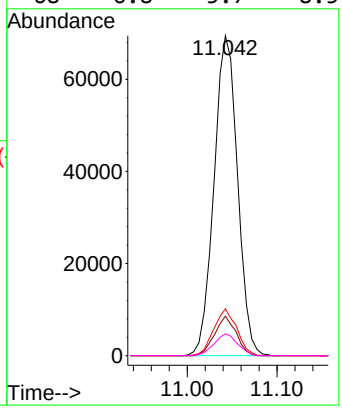


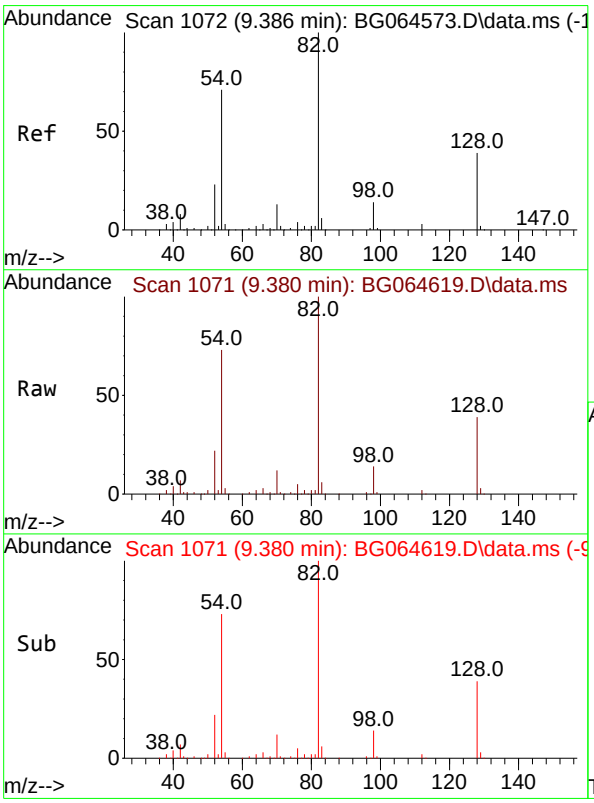
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.042 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion:136 Resp: 126218

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.2	13.8
54	14.6	12.6	19.0
68	6.8	5.7	8.5

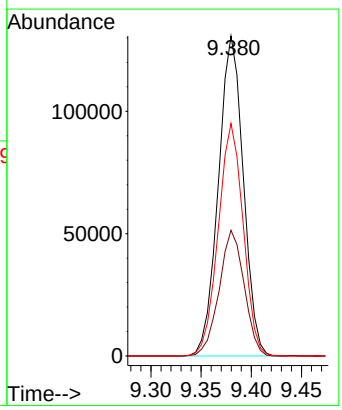


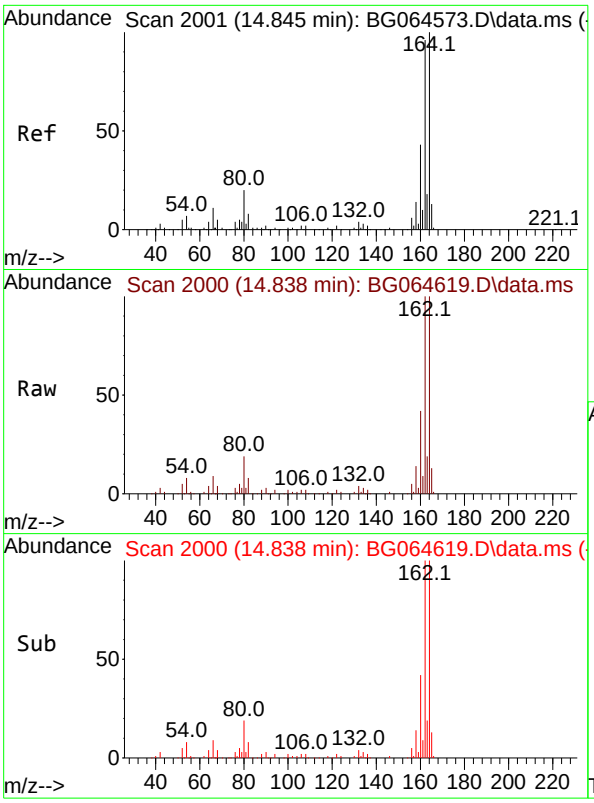


#23
Nitrobenzene-d5
Concen: 107.375 ng
RT: 9.380 min Scan# 1071
Delta R.T. -0.010 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion: 82 Resp: 225643

Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.3	46.9
54	72.7	56.6	84.8



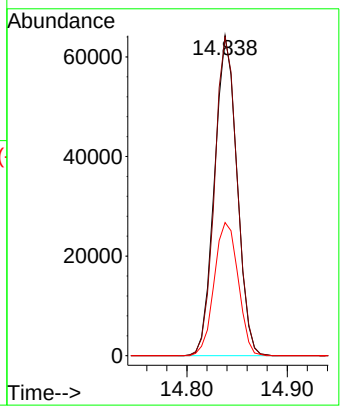


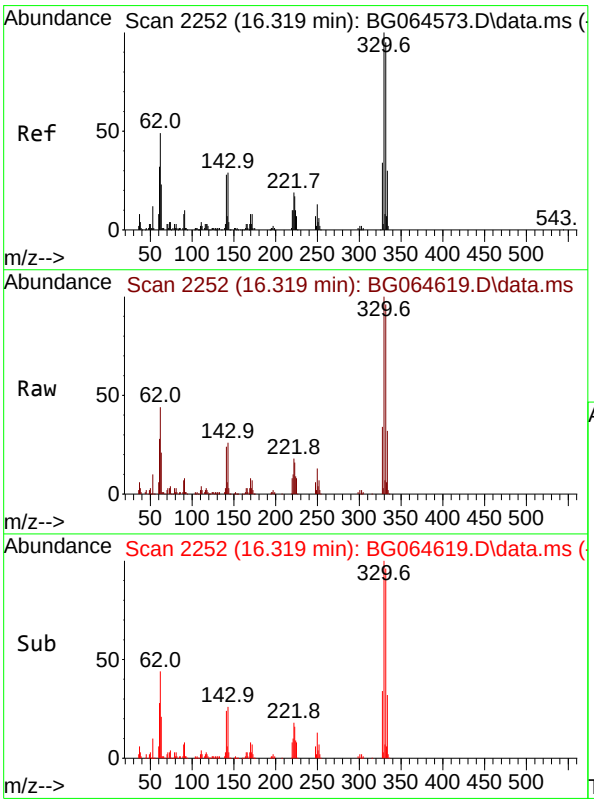
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.838 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion:164 Resp: 100016

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.0	115.6
160	41.6	34.4	51.6

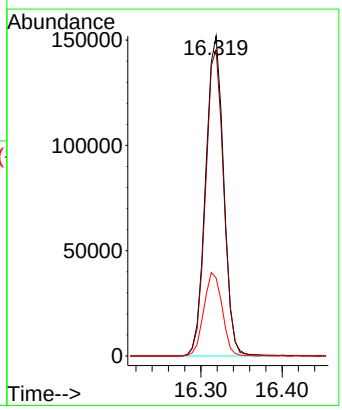


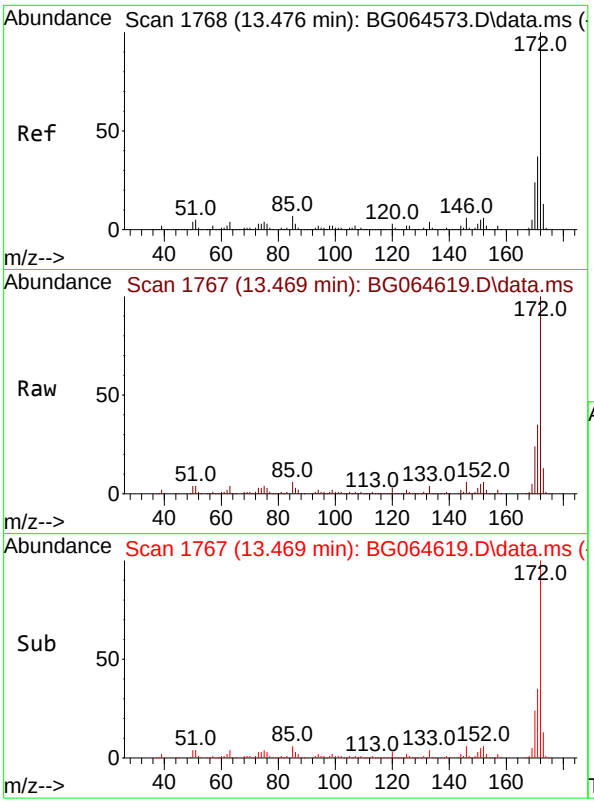


#42
2,4,6-Tribromophenol
Concen: 162.143 ng
RT: 16.319 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:330 Resp: 234059

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	26.5	21.8	32.6



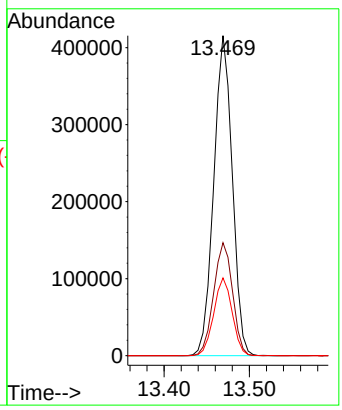


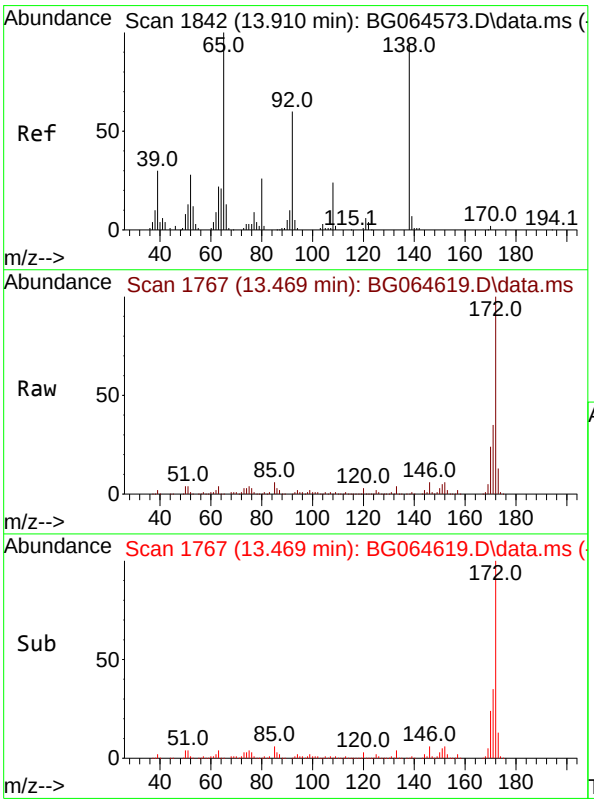
#45
2-Fluorobiphenyl
Concen: 95.157 ng
RT: 13.469 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion:172 Resp: 627891

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	24.3	19.1	28.7

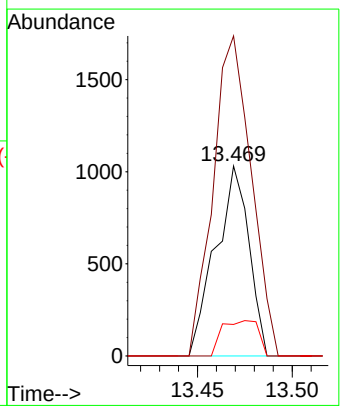


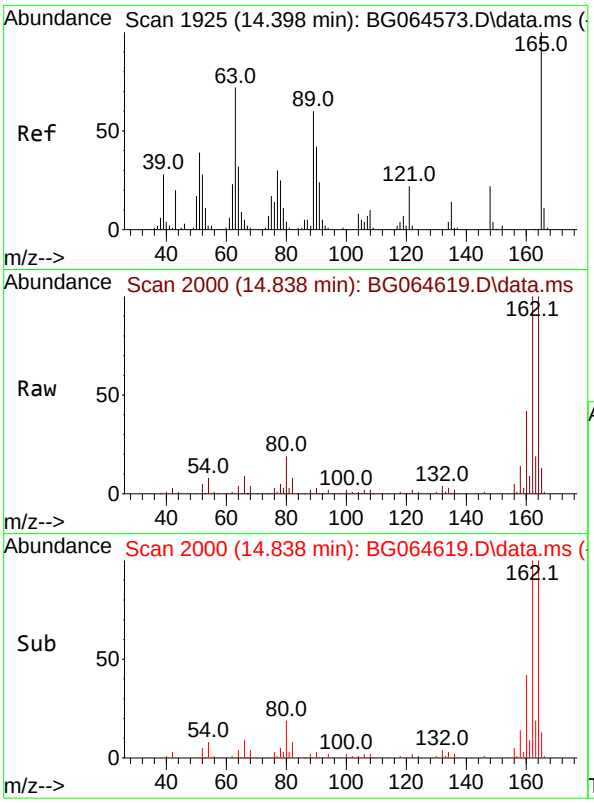


#48
2-Nitroaniline
Concen: 3.879 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.445 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion: 65 Resp: 1264

Ion	Ratio	Lower	Upper
65	100		
92	168.5	48.3	72.5#
138	16.6	74.9	112.3#



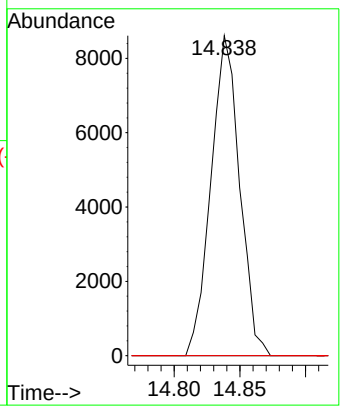


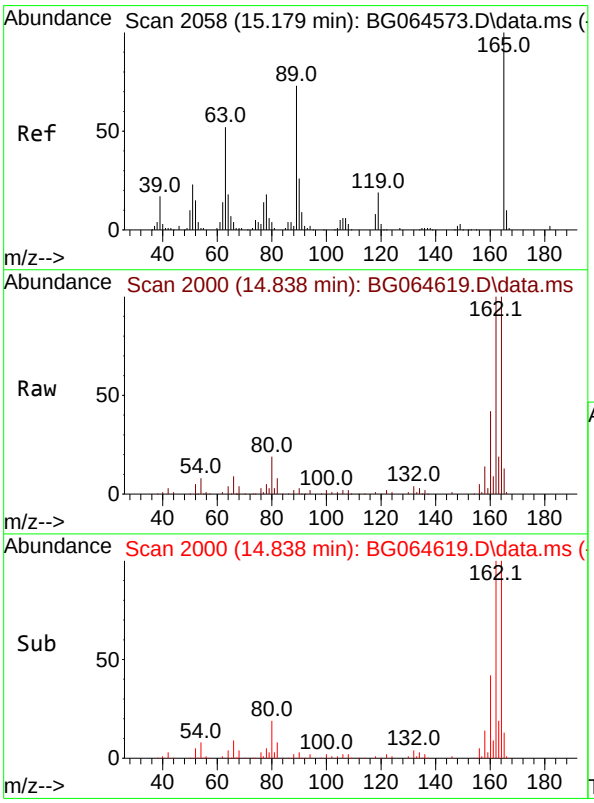
#51
2,6-Dinitrotoluene
Concen: 12.893 ng
RT: 14.838 min Scan# 2
Delta R.T. 0.436 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion:165 Resp: 13122

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

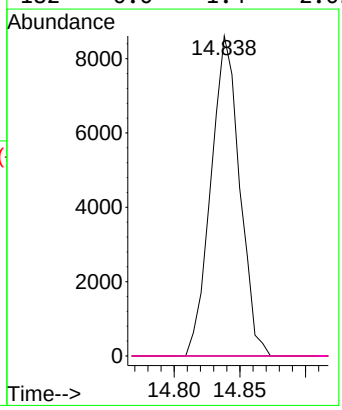


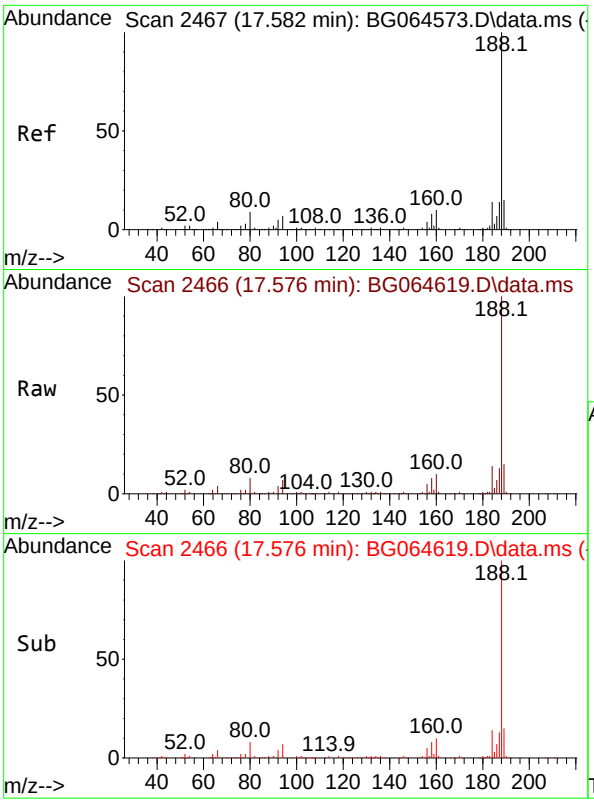


#57
2,4-Dinitrotoluene
Concen: 9.344 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.351 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:165 Resp: 13122

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#



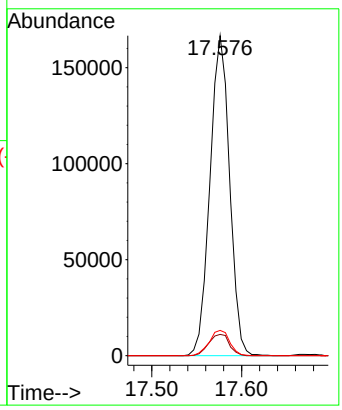


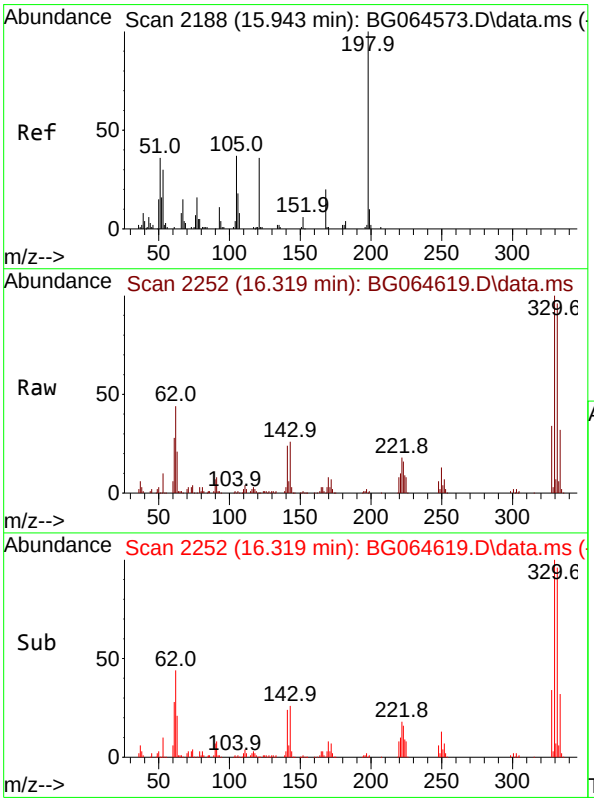
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion:188 Resp: 253171

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.7	8.5
80	7.9	6.8	10.2

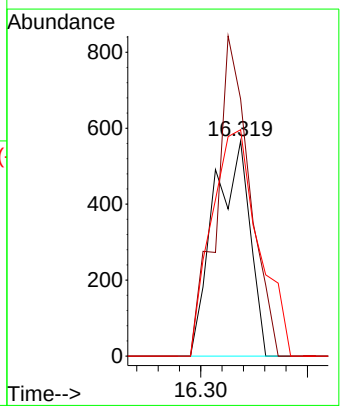


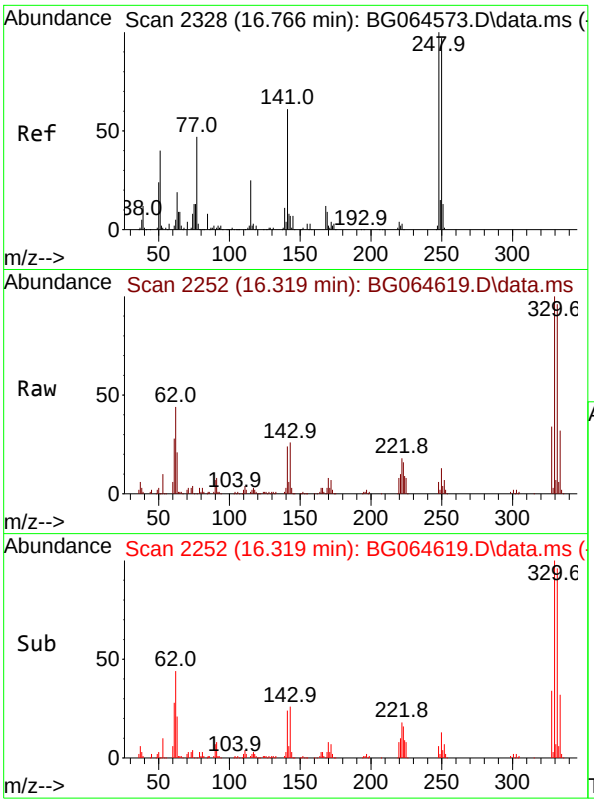


#65
4,6-Dinitro-2-methylphenol
Concen: 5.958 ng
RT: 16.319 min Scan# 2252
Delta R.T. 0.372 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:198 Resp: 667

Ion	Ratio	Lower	Upper
198	100		
51	119.6	24.7	64.7#
105	105.3	18.0	58.0#



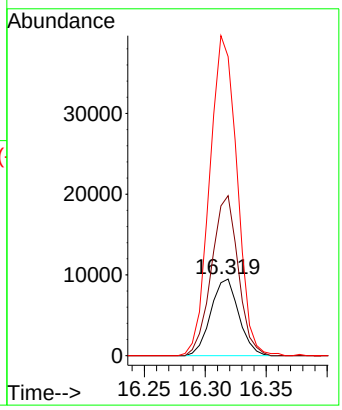


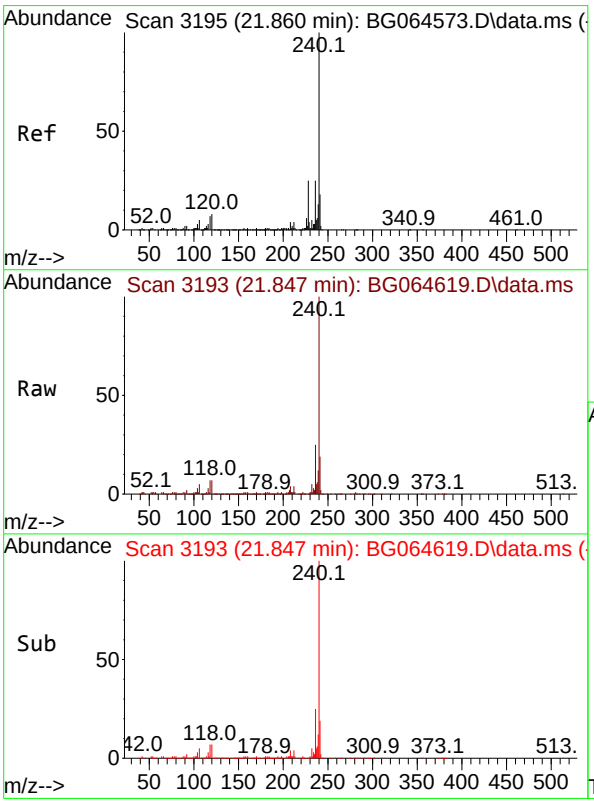
#67
4-Bromophenyl-phenylether
Concen: 5.050 ng
RT: 16.319 min Scan# 2
Delta R.T. -0.451 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion:248 Resp: 15150

Ion	Ratio	Lower	Upper
248	100		
250	206.3	77.7	116.5#
141	293.8	48.6	72.8#

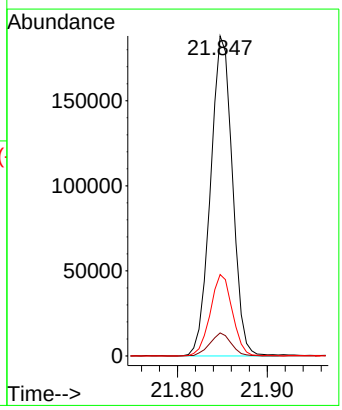


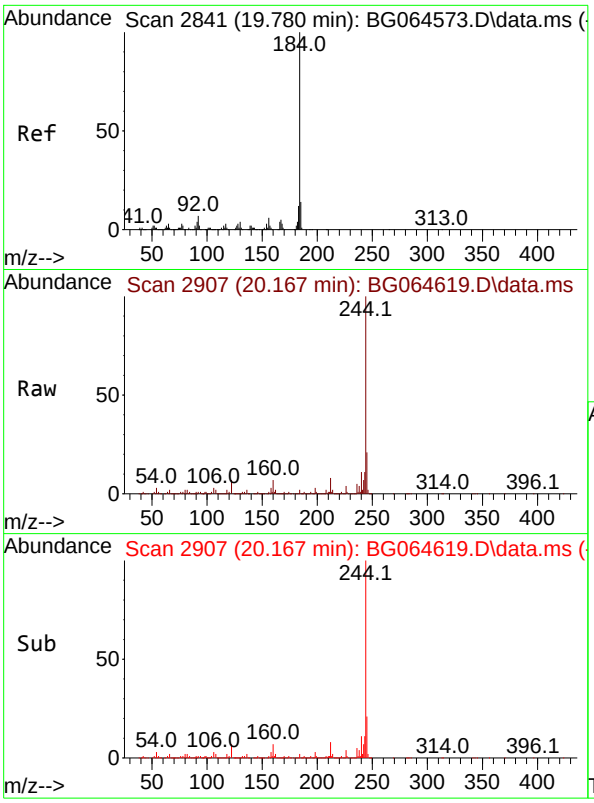


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.847 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:240 Resp: 318569

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.5	9.7
236	25.5	20.2	30.2



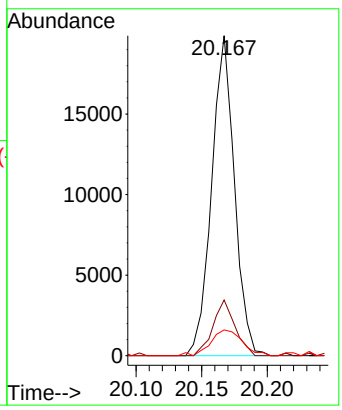


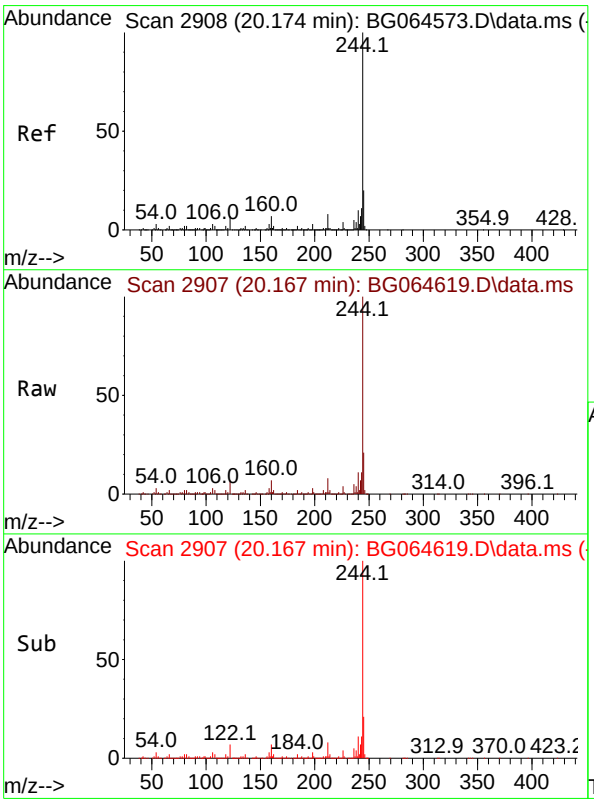
#77
Benzidine
Concen: 3.358 ng
RT: 20.167 min Scan# 2
Delta R.T. 0.384 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion:184 Resp: 23964

Ion	Ratio	Lower	Upper
184	100		
185	17.4	11.4	17.2#
183	8.0	9.4	14.2#

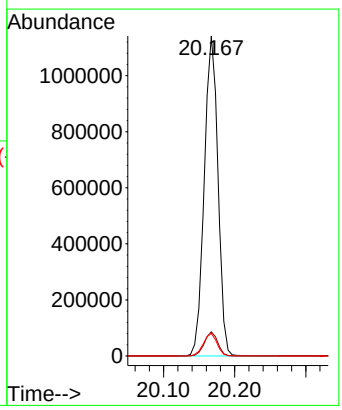


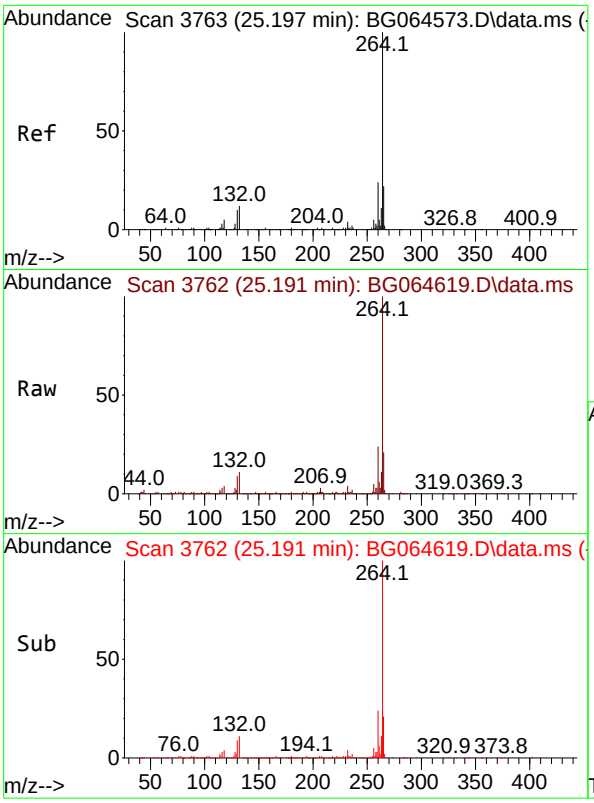


#79
Terphenyl-d14
Concen: 90.856 ng
RT: 20.167 min Scan# 2907
Delta R.T. -0.010 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:244 Resp: 1533731

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	7.0	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.191 min Scan# 3
Delta R.T. -0.010 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Instrument :
BNA_G
ClientSampleId :
PB170285BL

Tgt Ion:264 Resp: 365282

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.3	17.6	26.4