Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064914.D
Acq On : 9 Dec 2025 21:05
Operator : RC/JU
Sample : Q3790-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 10 00:16:59 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

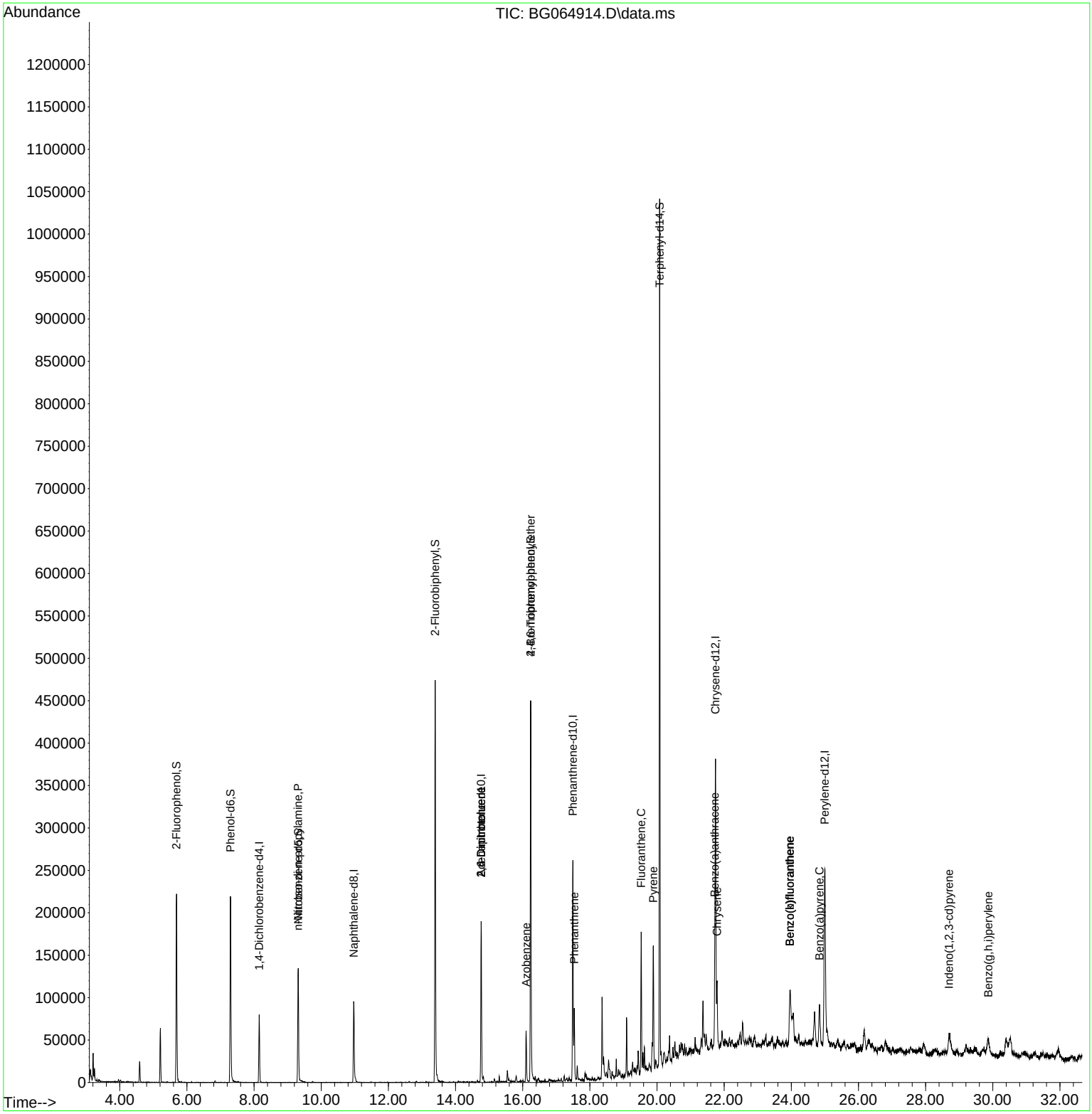
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	22406	20.000	ng		-0.01
21) Naphthalene-d8	10.967	136	90673	20.000	ng		#-0.02
39) Acenaphthene-d10	14.762	164	79761	20.000	ng		-0.01
64) Phenanthrene-d10	17.495	188	185242	20.000	ng		# 0.00
76) Chrysene-d12	21.742	240	225431	20.000	ng		#-0.01
86) Perylene-d12	24.997	264	259751	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	91395	71.229	ng		0.00
7) Phenol-d6	7.295	99	121147	70.987	ng		-0.01
23) Nitrobenzene-d5	9.316	82	78672	42.899	ng		-0.01
42) 2,4,6-Tribromophenol	16.237	330	123582	79.444	ng		-0.01
45) 2-Fluorobiphenyl	13.393	172	272815	47.726	ng		-0.01
79) Terphenyl-d14	20.080	244	561312	48.980	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.310	70	11356	9.841	ng	#	67
51) 2,6-Dinitrotoluene	14.762	165	9964	8.218	ng	#	21
57) 2,4-Dinitrotoluene	14.762	165	9964	5.482	ng	#	24
63) Azobenzene	16.102	77	16736	3.334	ng	#	1
67) 4-Bromophenyl-phenylether	16.237	248	7329	3.013	ng	#	1
71) Phenanthrene	17.536	178	58687	5.790	ng		99
75) Fluoranthene	19.527	202	115067	8.302	ng		97
78) Pyrene	19.886	202	108627	8.598	ng		99
81) Benzo(a)anthracene	21.719	228	67557	4.407	ng		99
83) Chrysene	21.789	228	61131	4.230	ng		96
87) Indeno(1,2,3-cd)pyrene	28.699	276	46109	2.584	ng	#	97
88) Benzo(b)fluoranthene	23.958	252	97334	5.888	ng	#	98
89) Benzo(k)fluoranthene	23.958	252	97334	5.861	ng	#	98
90) Benzo(a)pyrene	24.839	252	63633	4.150	ng		95
92) Benzo(g,h,i)perylene	29.868	276	49245	3.500	ng		95

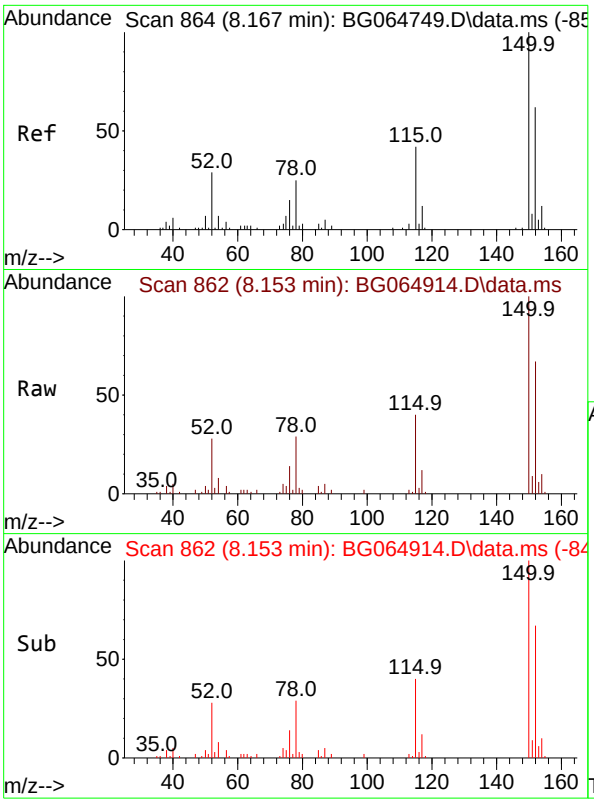
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064914.D
Acq On : 9 Dec 2025 21:05
Operator : RC/JU
Sample : Q3790-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 10 00:16:59 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



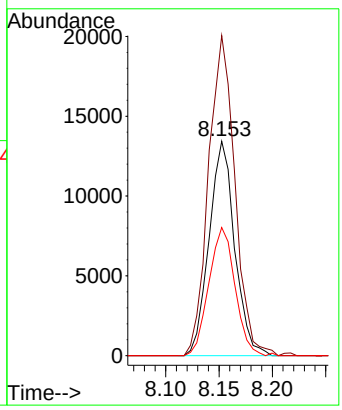


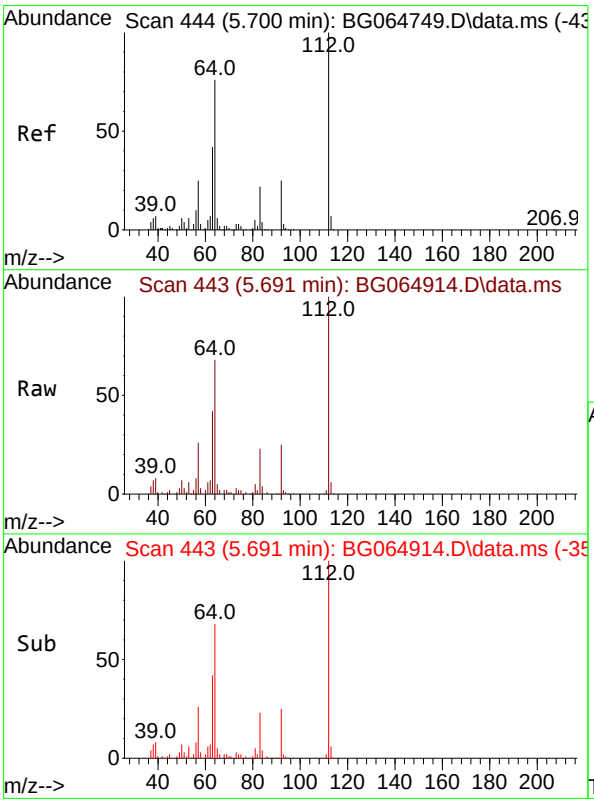
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 8
Delta R.T. -0.014 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 22406

Ion	Ratio	Lower	Upper
152	100		
150	149.2	129.2	193.8
115	59.7	53.7	80.5

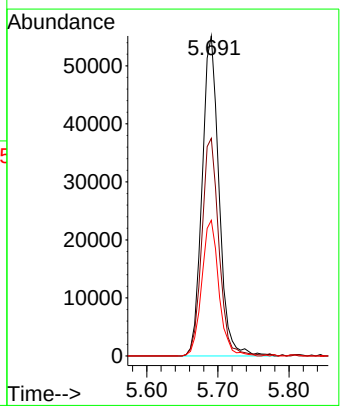


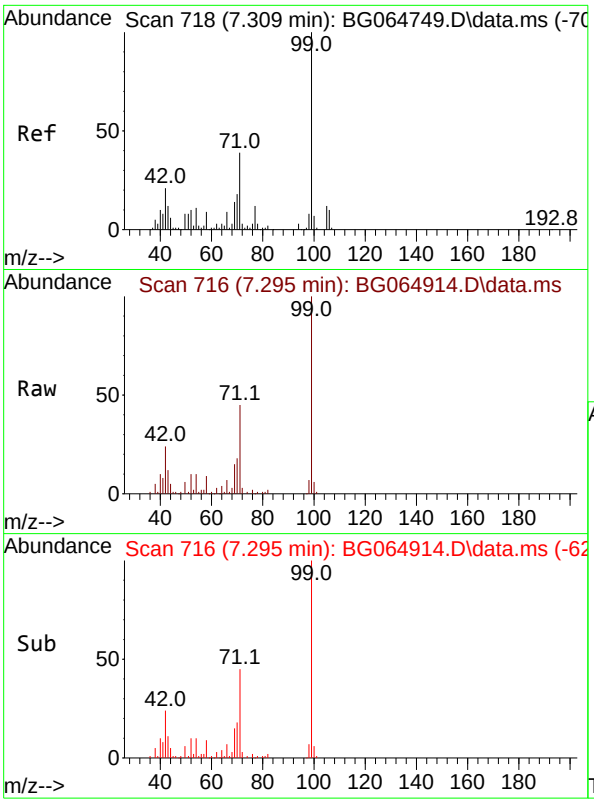


#5
2-Fluorophenol
Concen: 71.229 ng
RT: 5.691 min Scan# 443
Delta R.T. -0.009 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:112 Resp: 91395

Ion	Ratio	Lower	Upper
112	100		
64	68.0	61.0	91.4
63	42.4	33.3	49.9



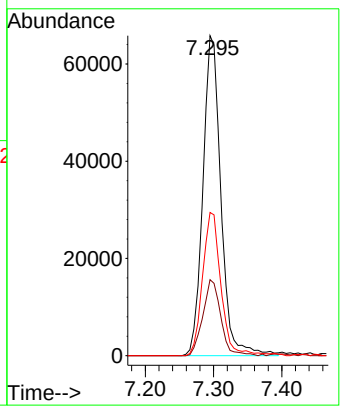


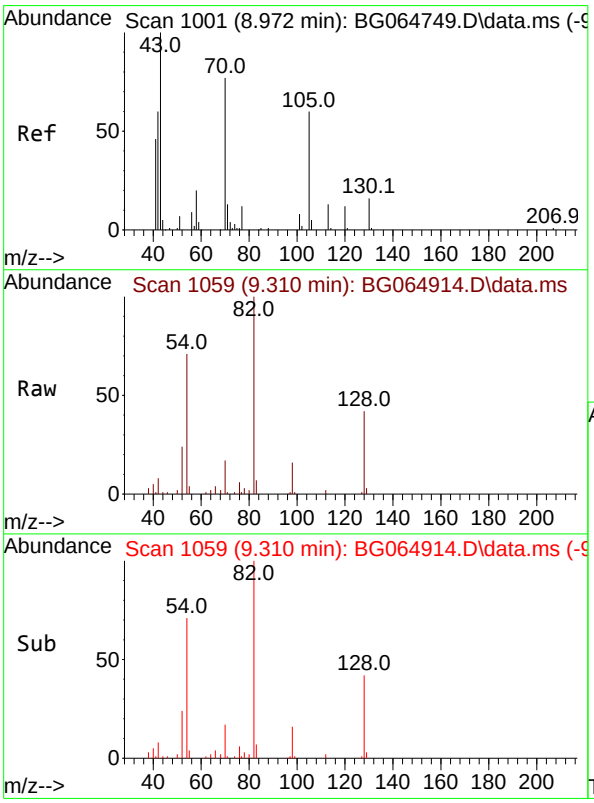
#7
Phenol-d6
Concen: 70.987 ng
RT: 7.295 min Scan# 7
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 121147

Ion	Ratio	Lower	Upper
99	100		
42	23.8	16.8	25.2
71	44.7	31.1	46.7

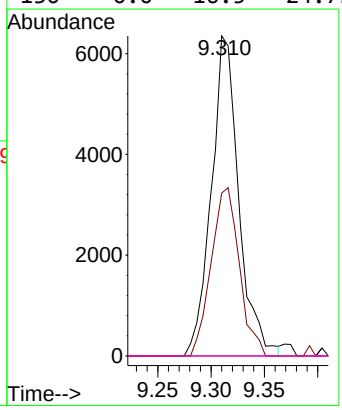


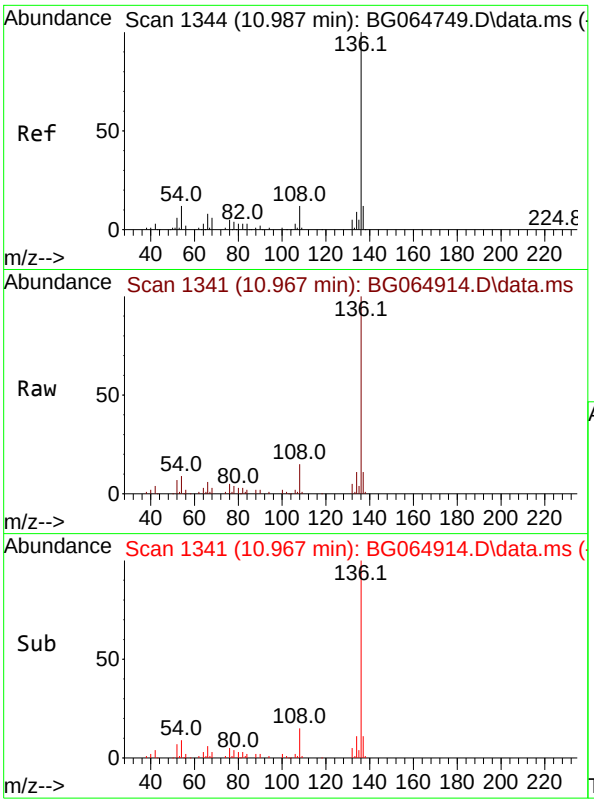


#19
n-Nitroso-di-n-propylamine
Concen: 9.841 ng
RT: 9.310 min Scan# 1059
Delta R.T. 0.338 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion: 70 Resp: 11356

Ion	Ratio	Lower	Upper
70	100		
42	50.9	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#



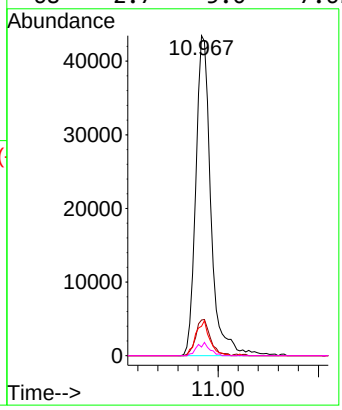


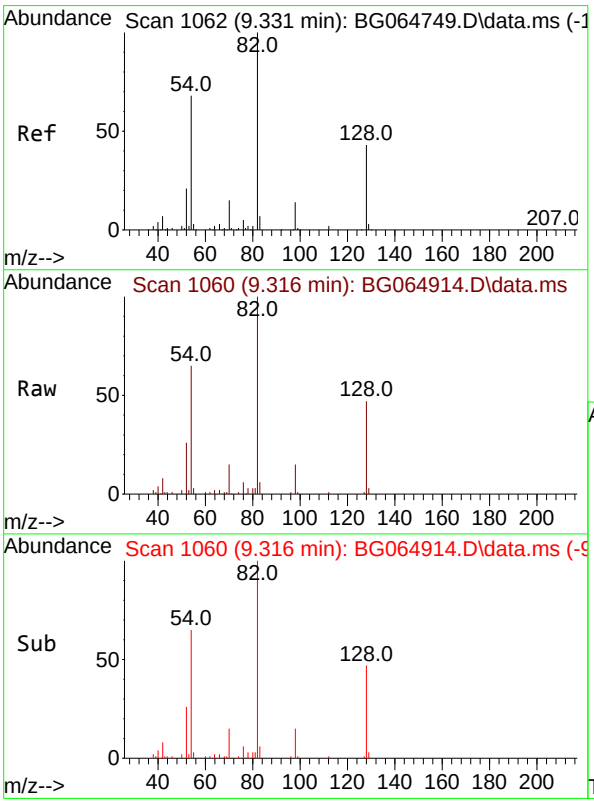
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 90673

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	9.2	9.3	13.9#
68	2.7	5.0	7.6#

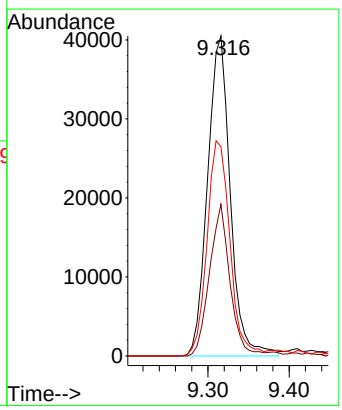


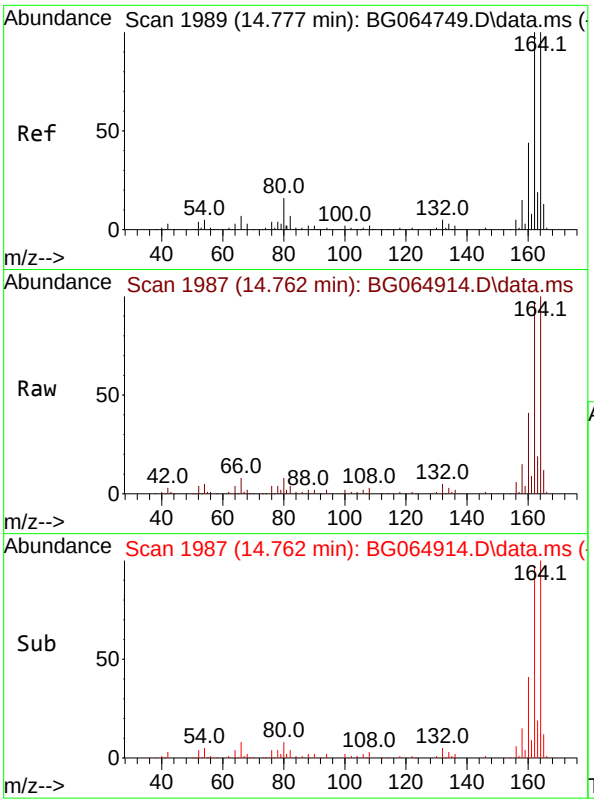


#23
Nitrobenzene-d5
Concen: 42.899 ng
RT: 9.316 min Scan# 1060
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion: 82 Resp: 78672

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.1	51.1
54	65.3	54.3	81.5



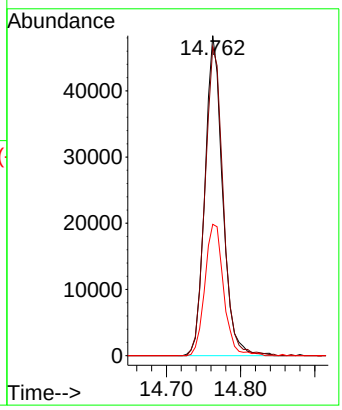


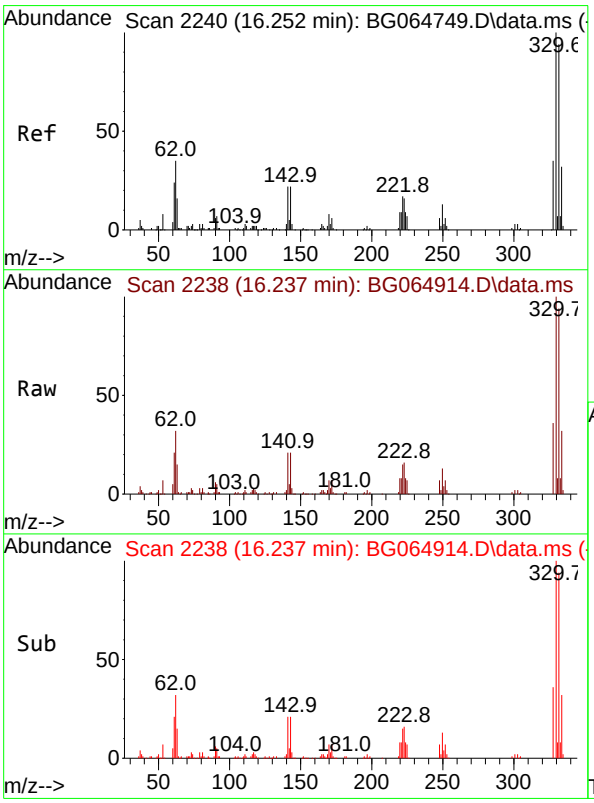
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 79761

Ion	Ratio	Lower	Upper
164	100		
162	96.5	79.8	119.6
160	41.0	34.9	52.3

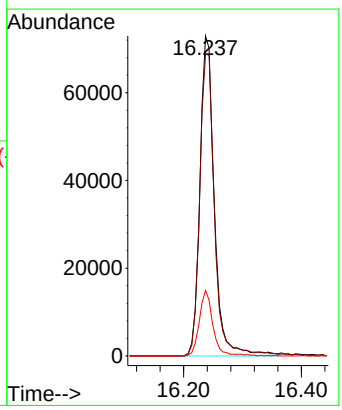


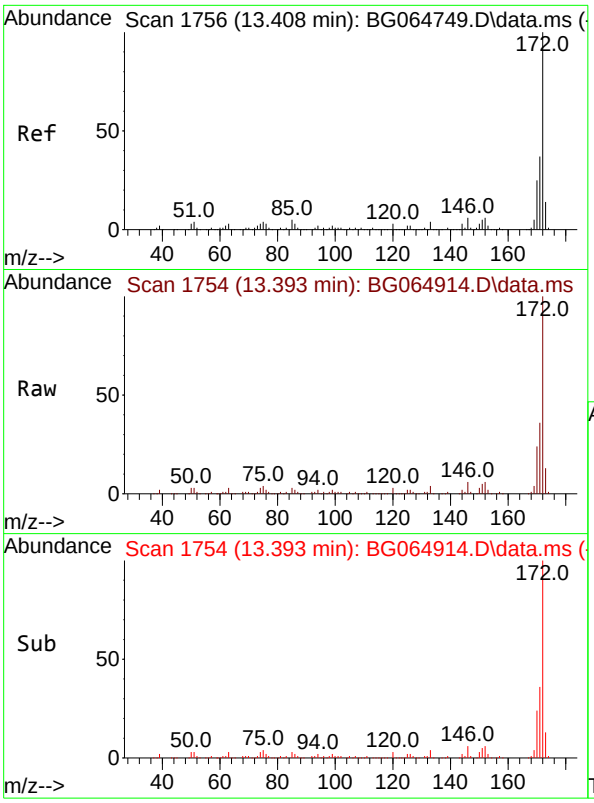


#42
2,4,6-Tribromophenol
Concen: 79.444 ng
RT: 16.237 min Scan# 2238
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:330 Resp: 123582

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	19.4	18.2	27.2



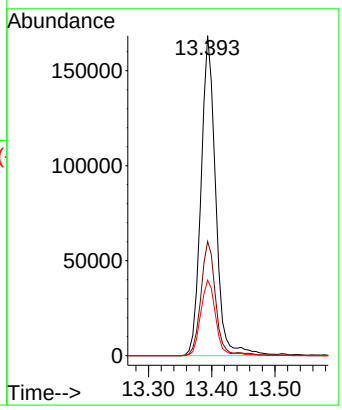


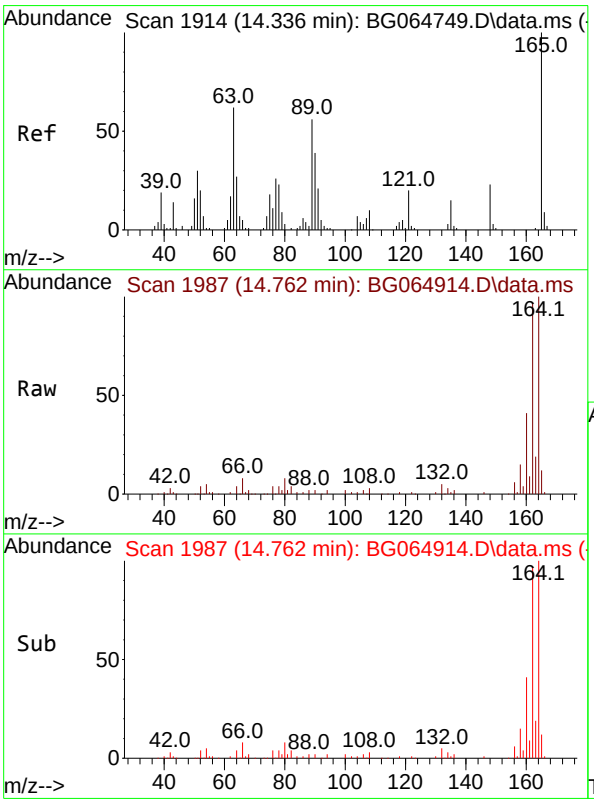
#45
2-Fluorobiphenyl
Concen: 47.726 ng
RT: 13.393 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 272815

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	23.6	19.8	29.6

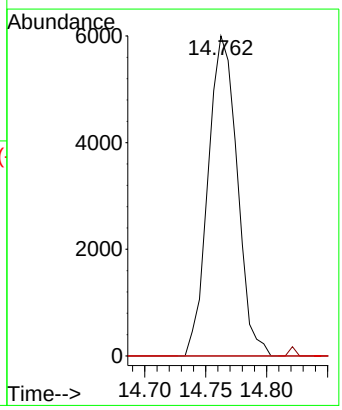


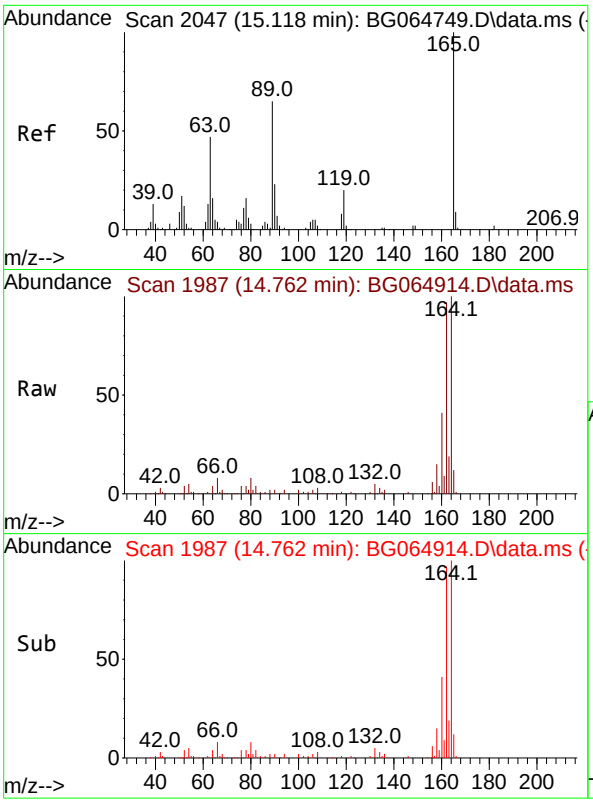


#51
2,6-Dinitrotoluene
Concen: 8.218 ng
RT: 14.762 min Scan# 1987
Delta R.T. 0.426 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:165 Resp: 9964

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



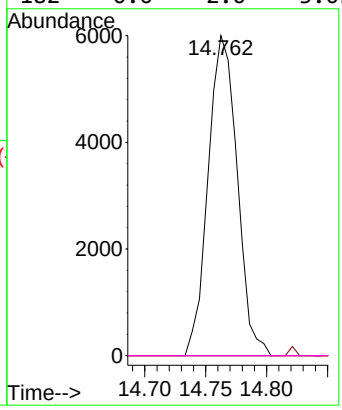


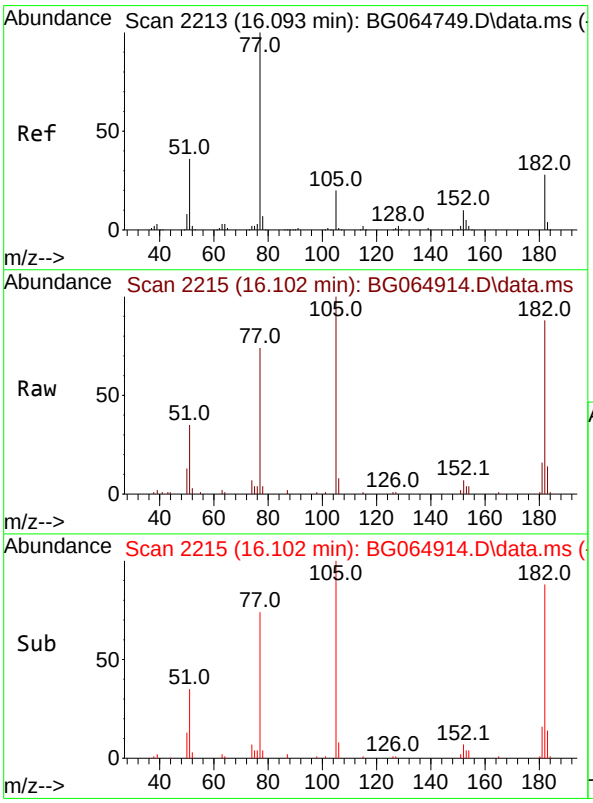
#57
2,4-Dinitrotoluene
Concen: 5.482 ng
RT: 14.762 min Scan# 1
Delta R.T. -0.355 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9964

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#

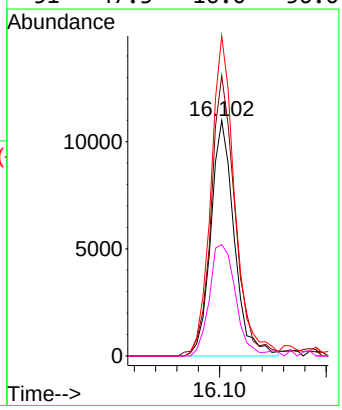


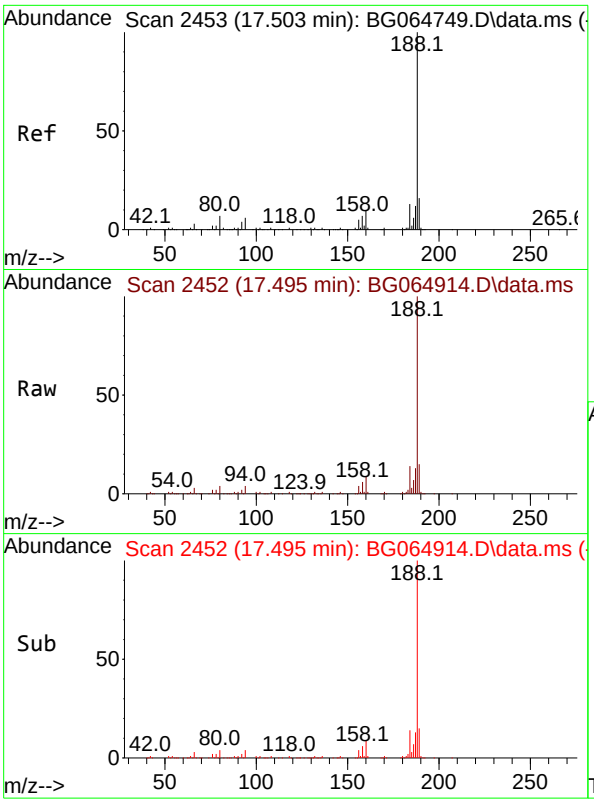


#63
Azobenzene
Concen: 3.334 ng
RT: 16.102 min Scan# 2215
Delta R.T. 0.009 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion: 77 Resp: 16736

Ion	Ratio	Lower	Upper
77	100		
182	119.0	8.1	48.1#
105	135.9	0.1	40.1#
51	47.3	16.0	56.0



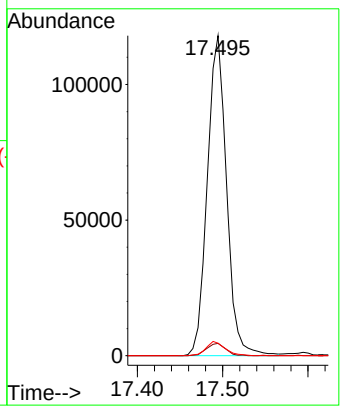


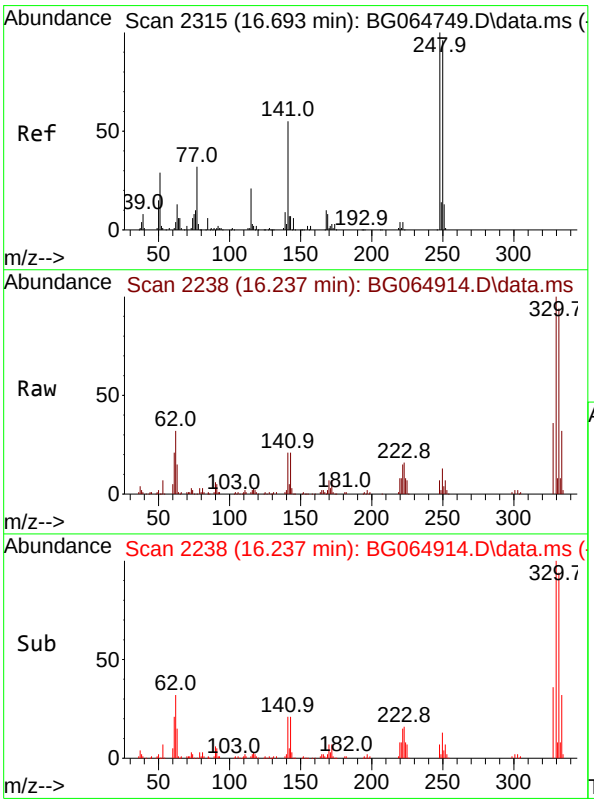
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 185242

Ion	Ratio	Lower	Upper
188	100		
94	3.9	4.7	7.1#
80	3.9	5.4	8.2#

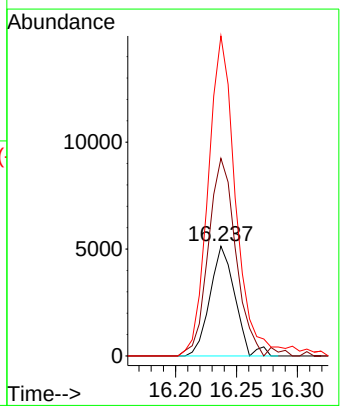


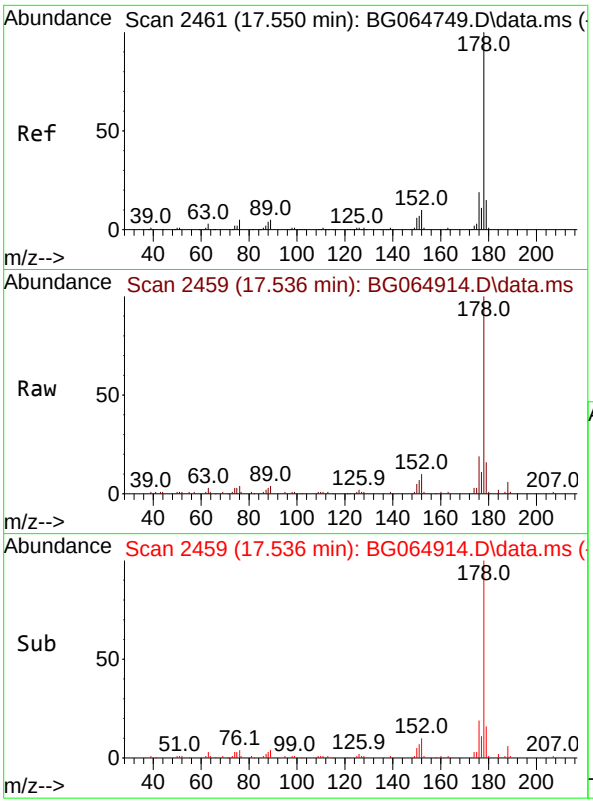


#67
4-Bromophenyl-phenylether
Concen: 3.013 ng
RT: 16.237 min Scan# 2238
Delta R.T. -0.455 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:248 Resp: 7329

Ion	Ratio	Lower	Upper
248	100		
250	187.6	77.0	115.6#
141	235.6	43.7	65.5#



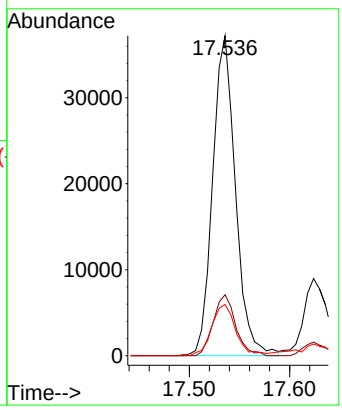


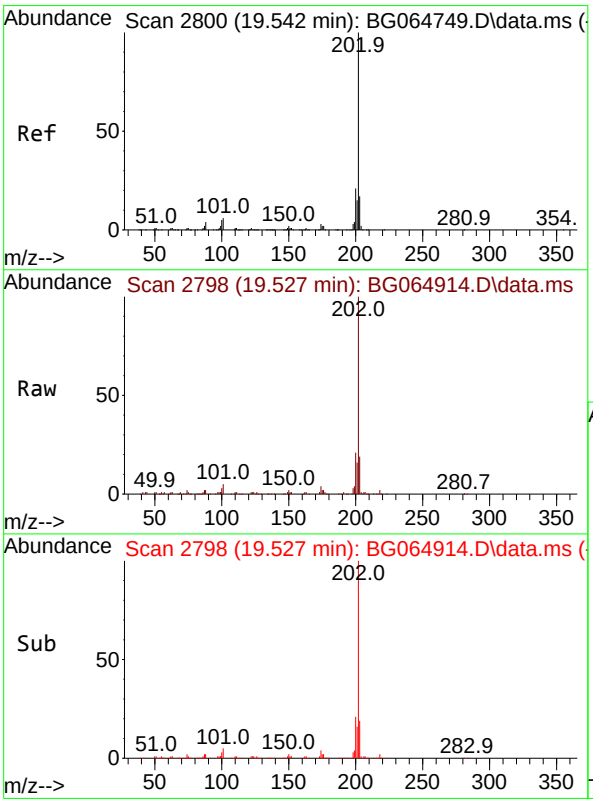
#71
Phenanthrene
Concen: 5.790 ng
RT: 17.536 min Scan# 24
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 58687

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	16.0	12.2	18.4

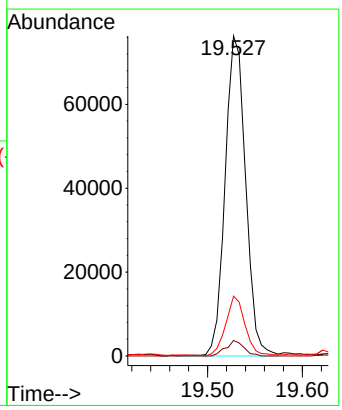


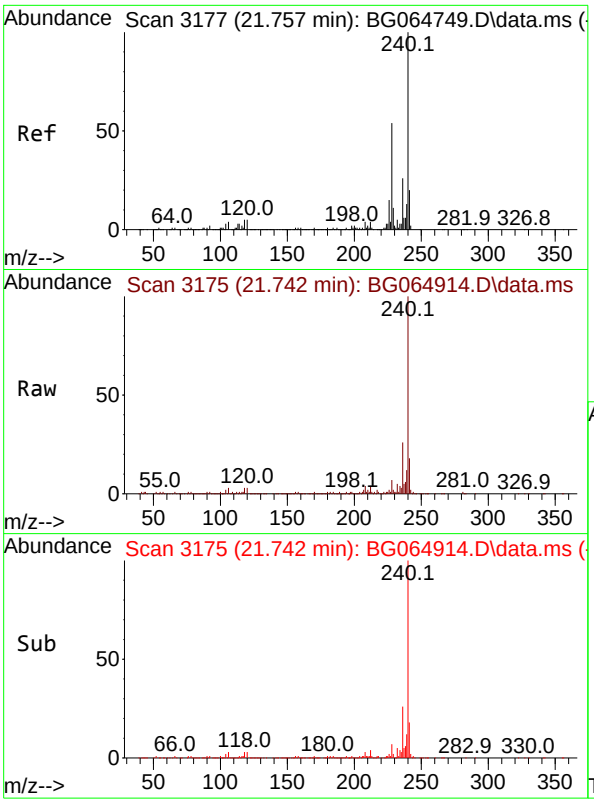


#75
Fluoranthene
Concen: 8.302 ng
RT: 19.527 min Scan# 2798
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:202 Resp: 115067

Ion	Ratio	Lower	Upper
202	100		
101	4.9	0.0	26.4
203	18.7	0.0	37.5



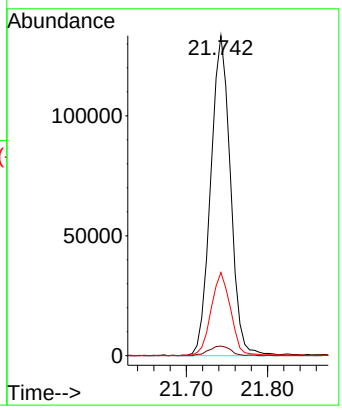


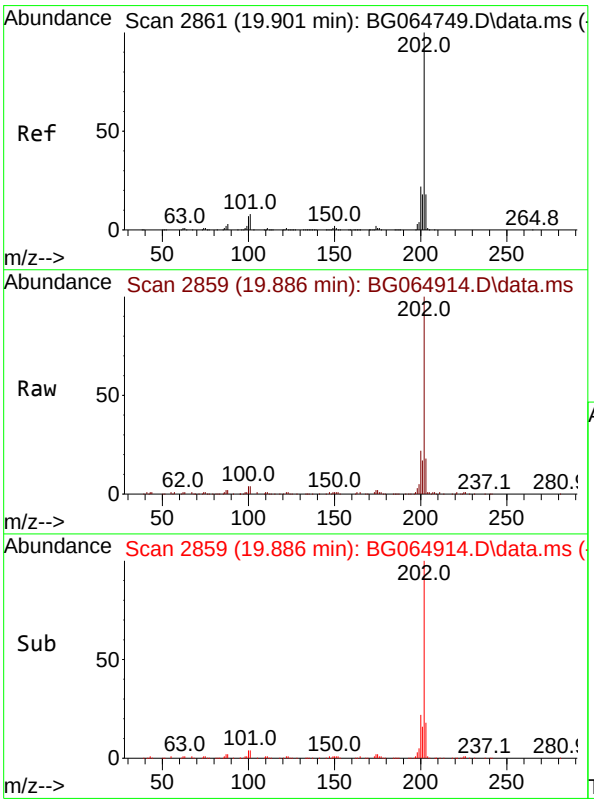
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 225431

Ion	Ratio	Lower	Upper
240	100		
120	3.0	4.2	6.4#
236	26.0	20.8	31.2

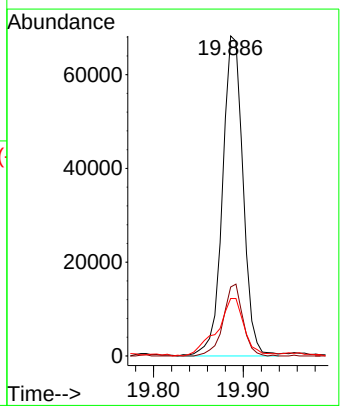


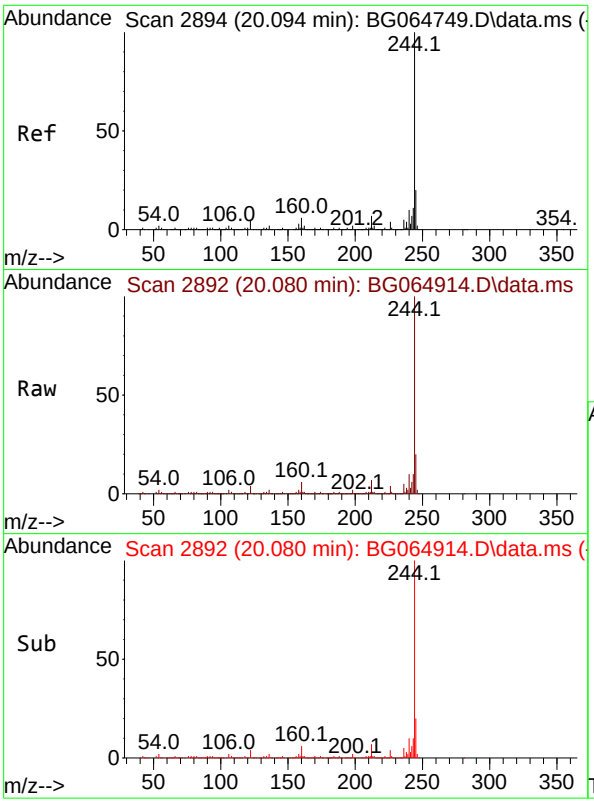


#78
Pyrene
Concen: 8.598 ng
RT: 19.886 min Scan# 2859
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:202 Resp: 108627

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.9	26.9
203	18.0	14.0	21.0



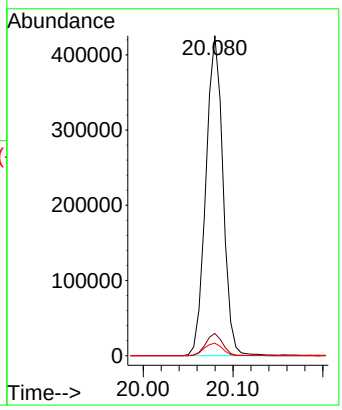


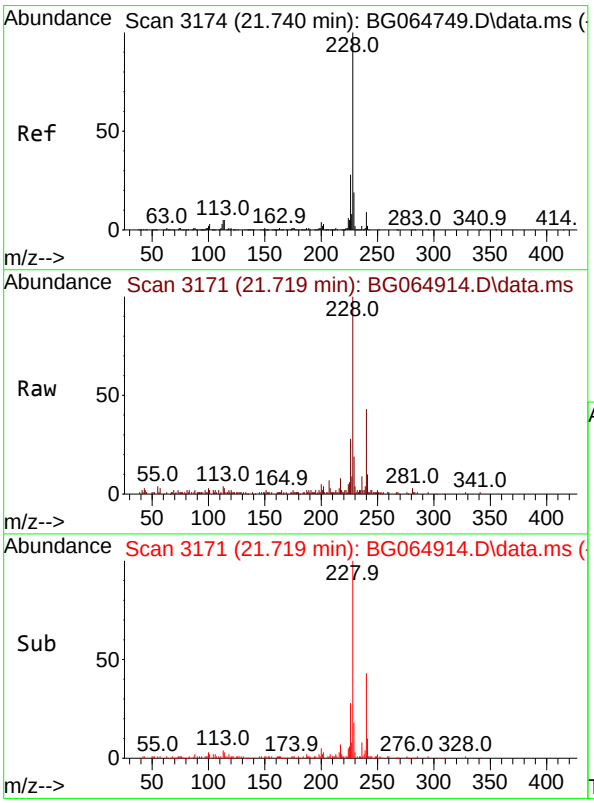
#79
Terphenyl-d14
Concen: 48.980 ng
RT: 20.080 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 561312

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

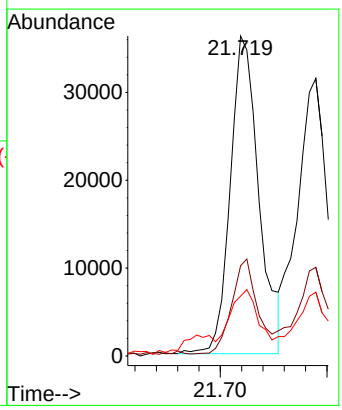


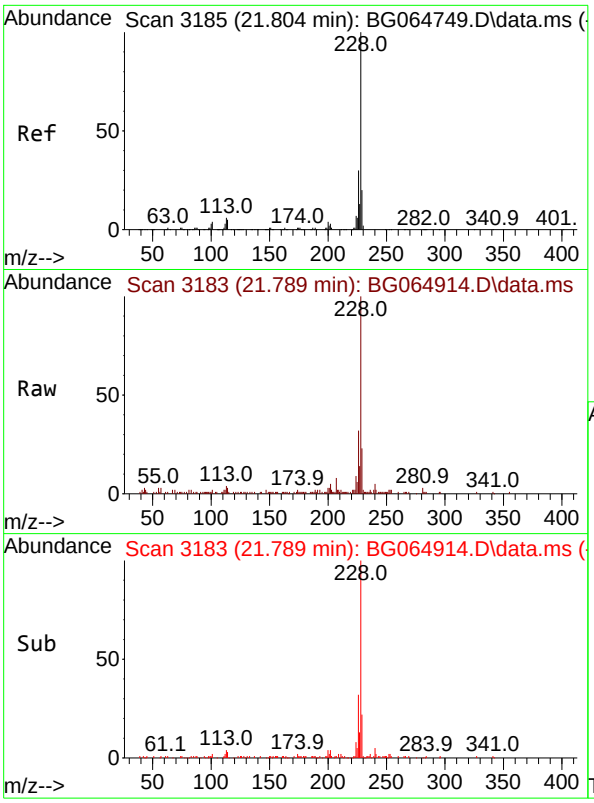


#81
Benzo(a)anthracene
Concen: 4.407 ng
RT: 21.719 min Scan# 3171
Delta R.T. -0.021 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:228 Resp: 67557

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.1	33.1
229	18.7	15.5	23.3



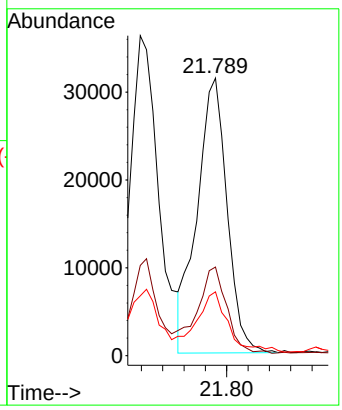


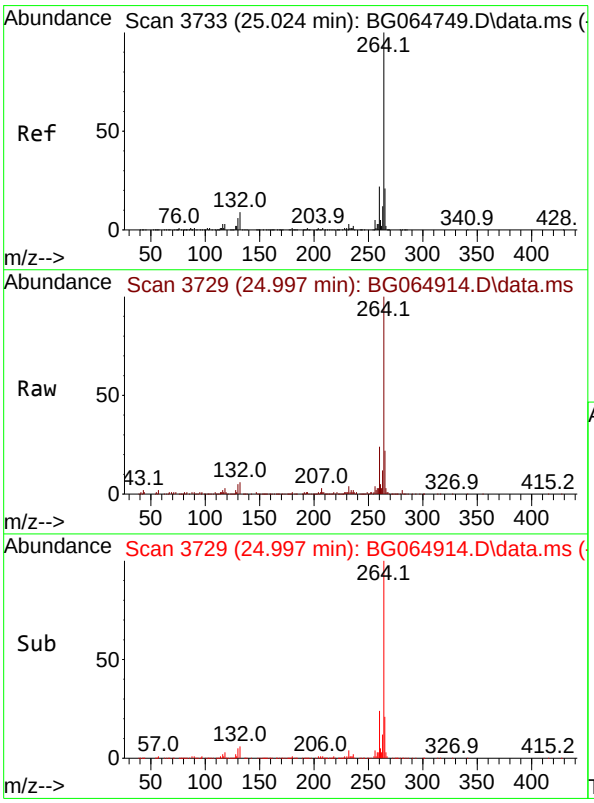
#83
Chrysene
Concen: 4.230 ng
RT: 21.789 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 61131

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.2	36.2
229	23.0	16.0	24.0

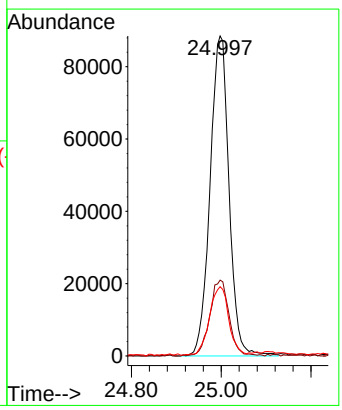


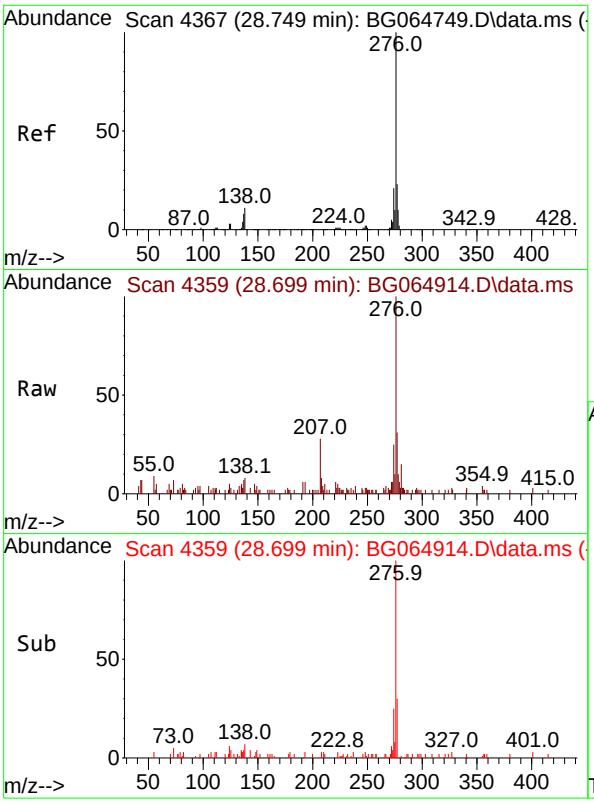


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.997 min Scan# 3729
Delta R.T. -0.026 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:264 Resp: 259751

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.2	25.8
265	21.7	16.6	25.0



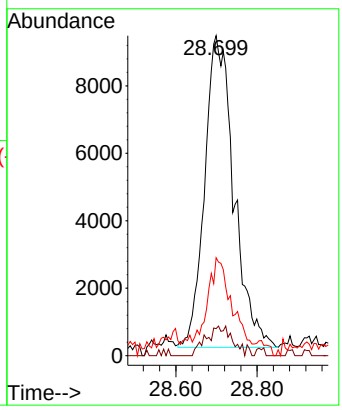


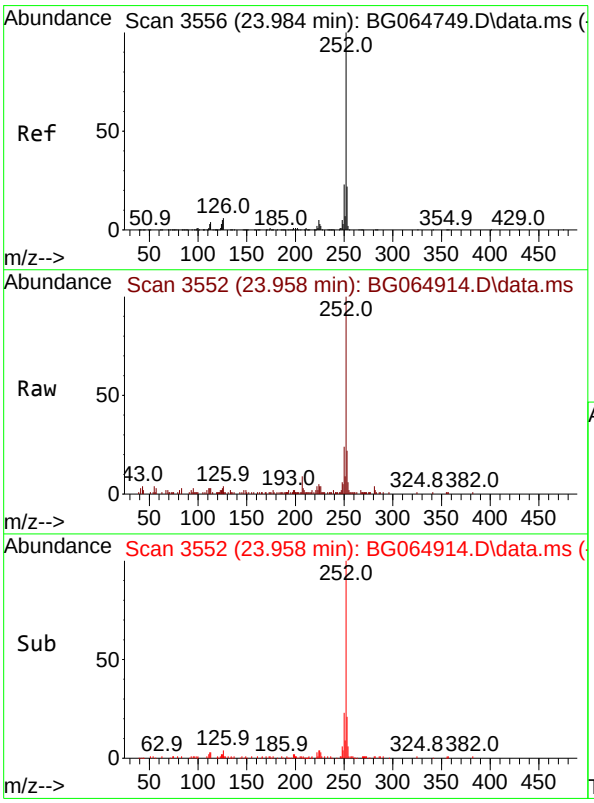
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.584 ng
RT: 28.699 min Scan# 4
Delta R.T. -0.050 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 46109

Ion	Ratio	Lower	Upper
276	100		
138	8.3	4.5	6.7#
277	24.3	20.0	30.0

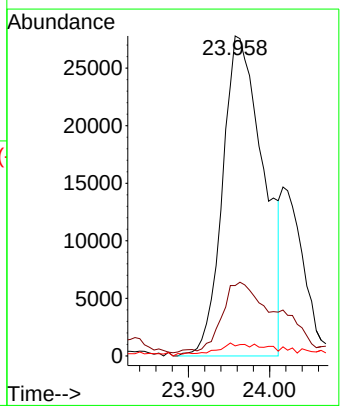


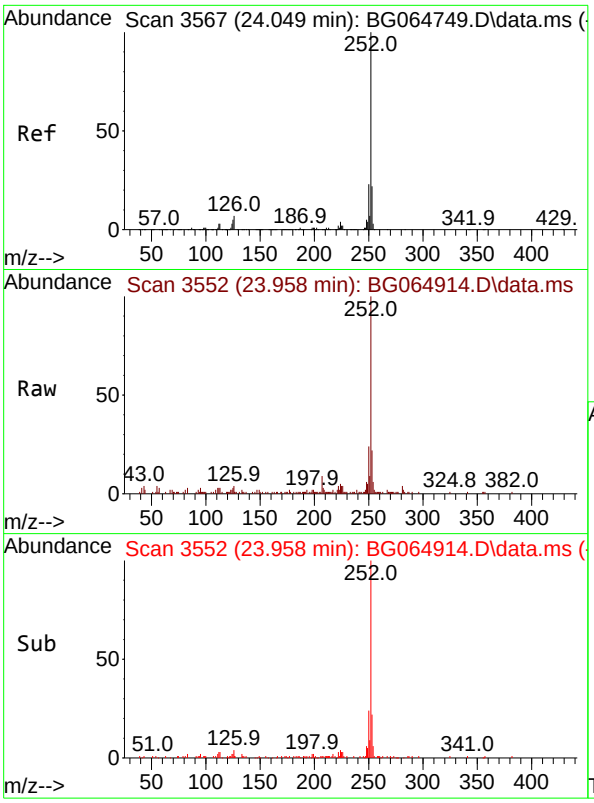


#88
Benzo(b)fluoranthene
Concen: 5.888 ng
RT: 23.958 min Scan# 3552
Delta R.T. -0.026 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:252 Resp: 97334

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	3.1	4.2	6.2#



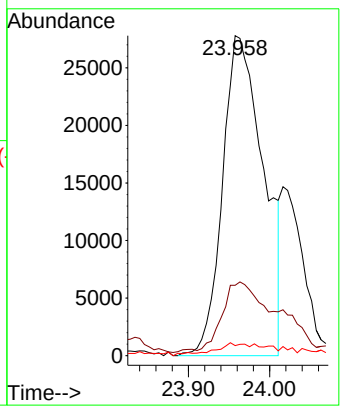


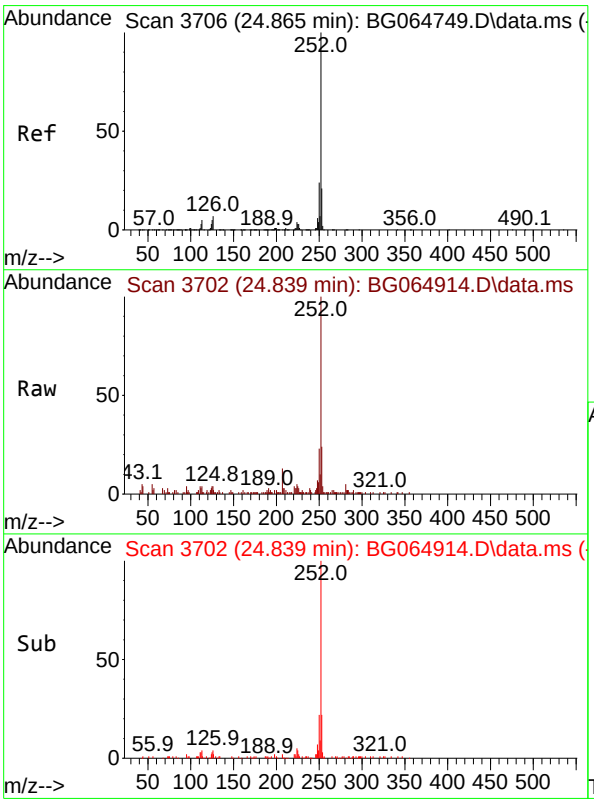
#89
Benzo(k)fluoranthene
Concen: 5.861 ng
RT: 23.958 min Scan# 3
Delta R.T. -0.091 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 97334

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	3.1	4.1	6.1#

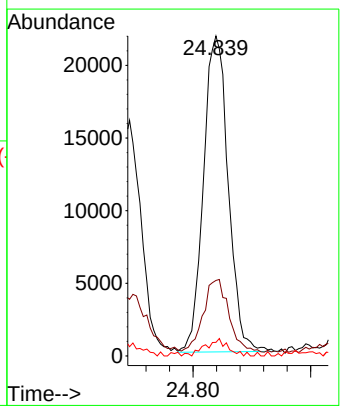


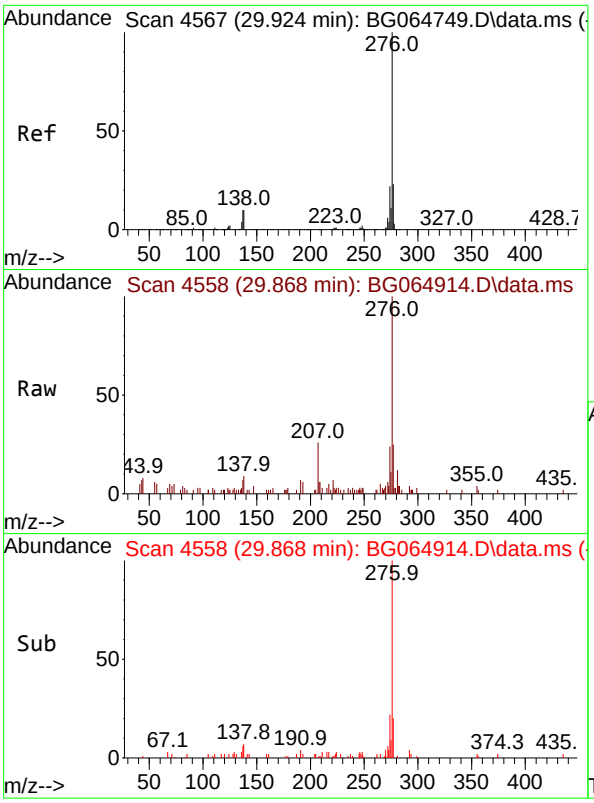


#90
Benzo(a)pyrene
Concen: 4.150 ng
RT: 24.839 min Scan# 3702
Delta R.T. -0.026 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Tgt Ion:252 Resp: 63633

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.9	25.3
125	4.3	4.2	6.4





#92
Benzo(g,h,i)perylene
Concen: 3.500 ng
RT: 29.868 min Scan# 4
Delta R.T. -0.056 min
Lab File: BG064914.D
Acq: 9 Dec 2025 21:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 49245

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.0	27.0
138	8.5	8.2	12.2