Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064243.D
Acq On : 2 Sep 2025 13:22
Operator : RC/JU
Sample : Q2982-05 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 02 13:58:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	45307	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	200096	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	132985	20.000	ng	0.00
64) Phenanthrene-d10	17.231	188	235092	20.000	ng	# 0.00
76) Chrysene-d12	21.473	240	240579	20.000	ng	# 0.02
86) Perylene-d12	24.463	264	296022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	42431	16.802	ng	0.00
7) Phenol-d6	7.019	99	60883	17.549	ng	-0.01
23) Nitrobenzene-d5	9.005	82	42502	11.846	ng	-0.01
42) 2,4,6-Tribromophenol	15.962	330	29224	16.591	ng	-0.01
45) 2-Fluorobiphenyl	13.100	172	116241	13.342	ng	-0.01
79) Terphenyl-d14	19.875	244	152346	13.212	ng	0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.999	70	6077	2.289	ng	# 59
54) 2,4-Dinitrophenol	14.828	184	65	5.699	ng	# 12
57) 2,4-Dinitrotoluene	14.481	165	17861	6.062	ng	# 18
71) Phenanthrene	17.272	178	70110	5.654	ng	# 54
75) Fluoranthene	19.317	202	110590	7.585	ng	# 22
78) Pyrene	19.675	202	111701	7.370	ng	# 60
81) Benzo(a)anthracene	21.455	228	44594	2.897	ng	# 91
83) Chrysene	21.514	228	53785	3.640	ng	# 87
88) Benzo(b)fluoranthene	23.523	252	71769	4.296	ng	# 86
89) Benzo(k)fluoranthene	23.523	252	71769	4.217	ng	# 88
90) Benzo(a)pyrene	24.328	252	41685	2.682	ng	# 93

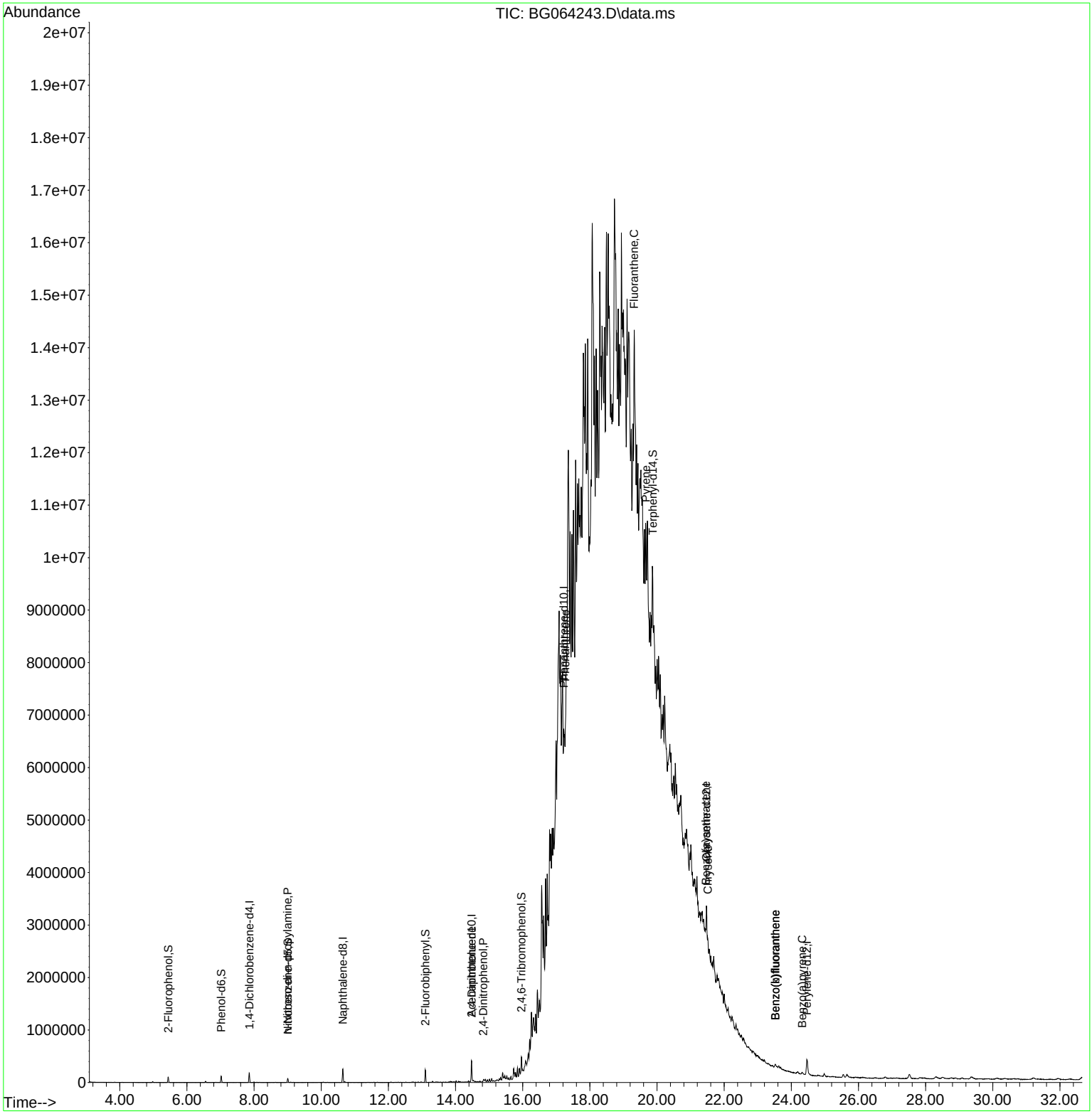
(#) = qualifier out of range (m) = manual integration (+) = signals summed

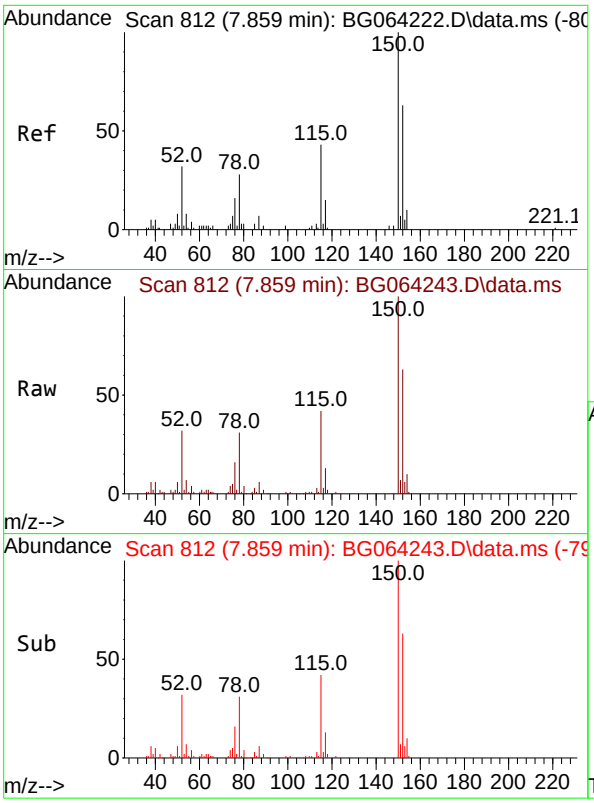
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064243.D
Acq On : 2 Sep 2025 13:22
Operator : RC/JU
Sample : Q2982-05 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 02 13:58:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



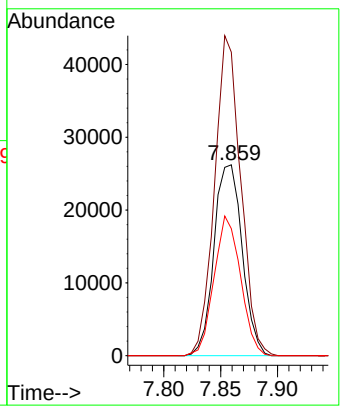


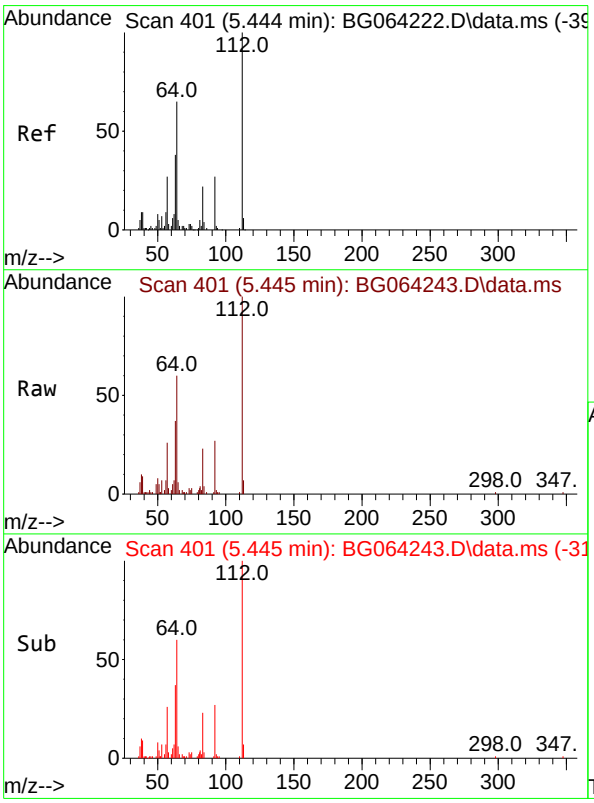
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 45307

Ion	Ratio	Lower	Upper
152	100		
150	159.0	128.0	192.0
115	66.6	55.7	83.5

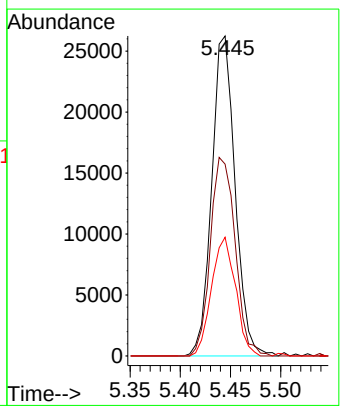


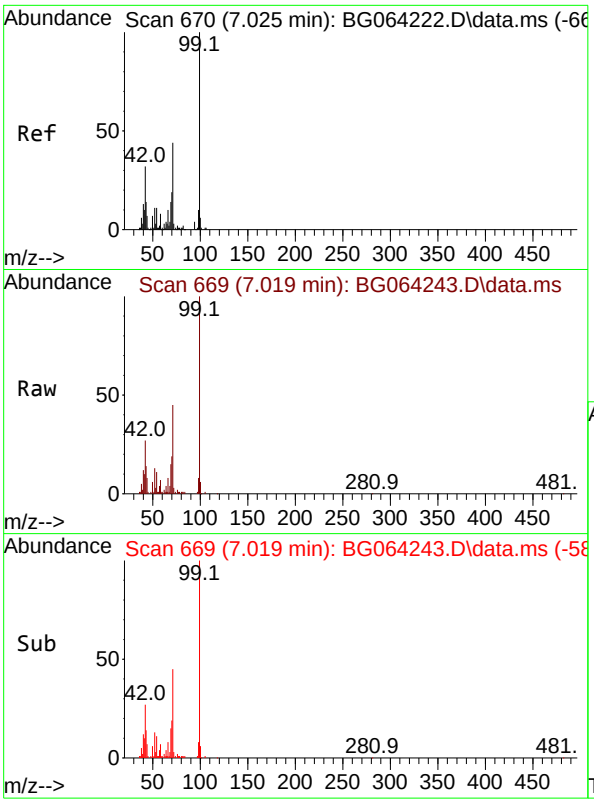


#5
2-Fluorophenol
Concen: 16.802 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.000 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion:112 Resp: 42431

Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.8	77.6
63	37.1	30.6	45.8



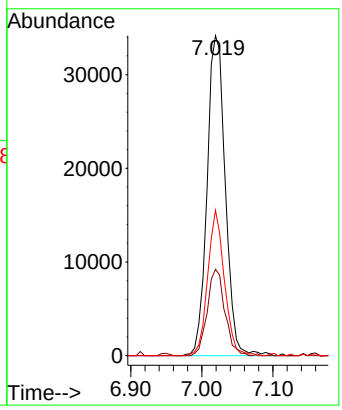


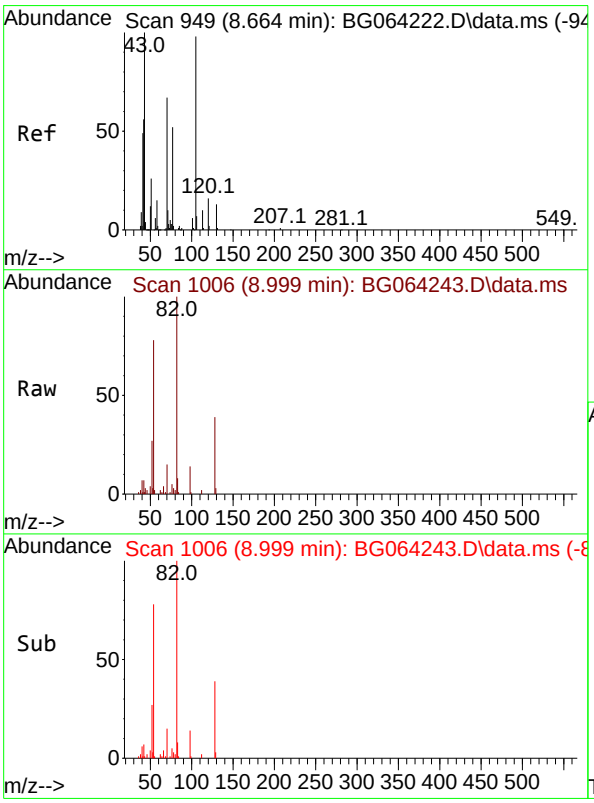
#7
Phenol-d6
Concen: 17.549 ng
RT: 7.019 min Scan# 6
Delta R.T. -0.011 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 60883

Ion	Ratio	Lower	Upper
99	100		
42	27.0	25.8	38.8
71	45.4	35.2	52.8

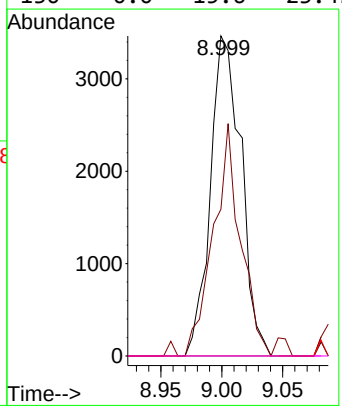


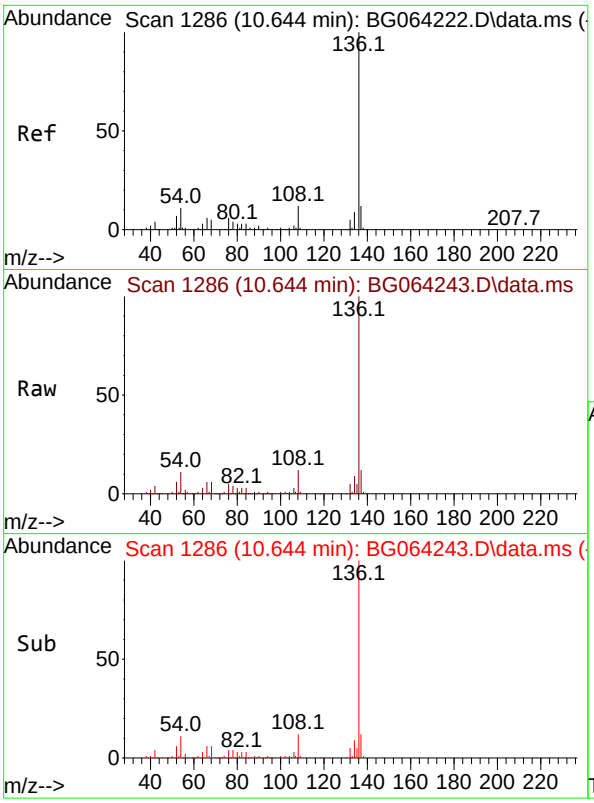


#19
n-Nitroso-di-n-propylamine
Concen: 2.289 ng
RT: 8.999 min Scan# 1006
Delta R.T. 0.335 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion: 70 Resp: 6077

Ion	Ratio	Lower	Upper
70	100		
42	45.9	67.9	101.9#
101	0.0	7.3	10.9#
130	0.0	15.6	23.4#



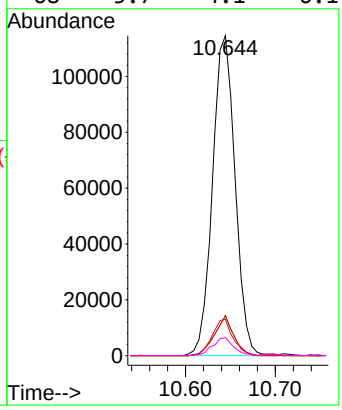


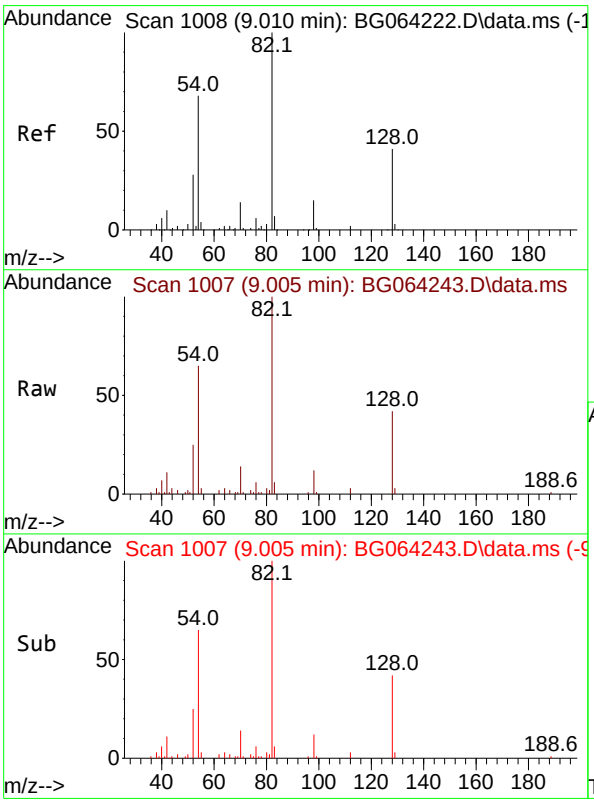
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 200096

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	11.4	8.8	13.2
68	5.7	4.1	6.1

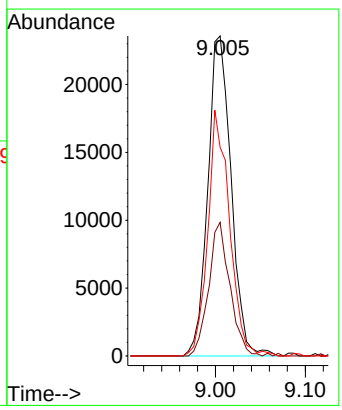


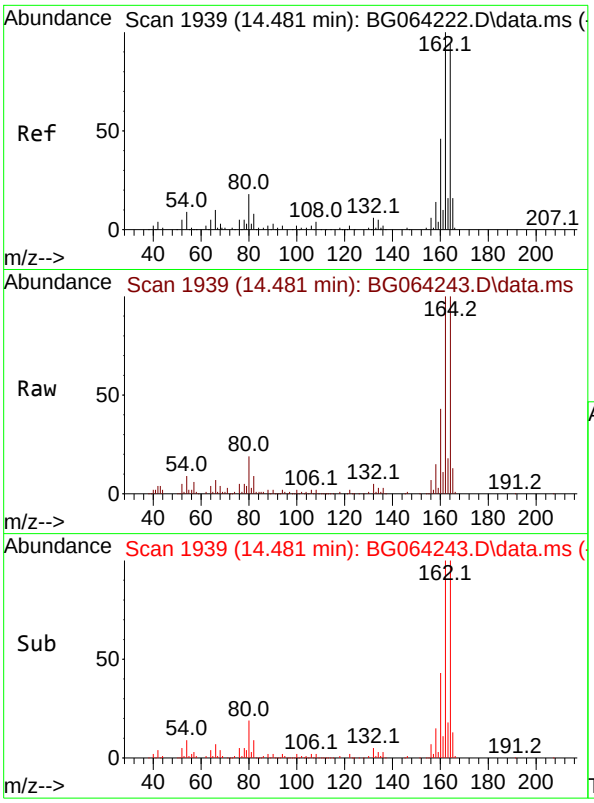


#23
Nitrobenzene-d5
Concen: 11.846 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion: 82 Resp: 42502

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.6	48.8
54	65.2	54.7	82.1



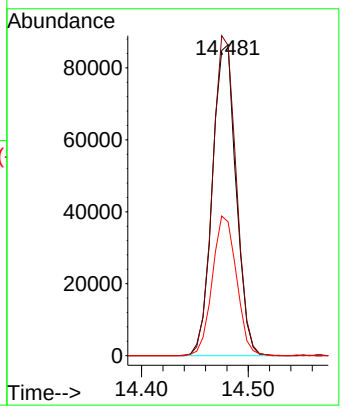


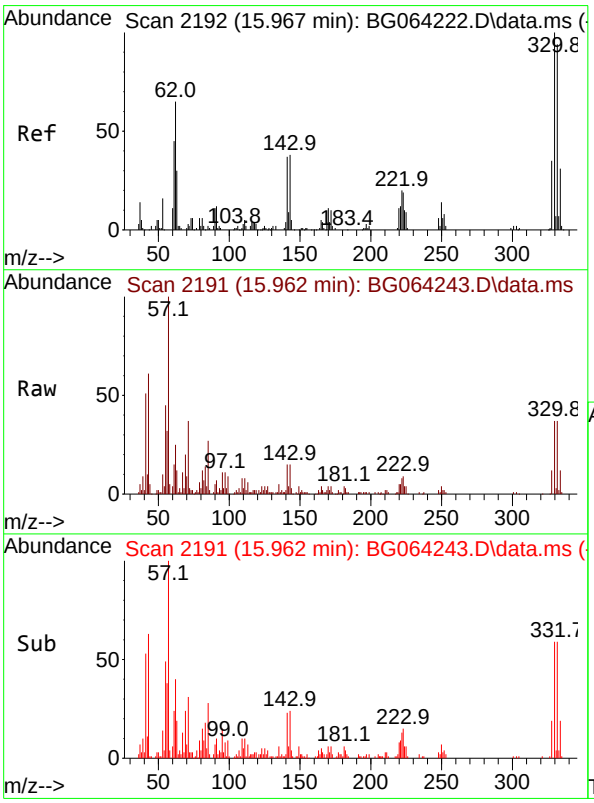
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 132985

Ion	Ratio	Lower	Upper
164	100		
162	99.8	85.4	128.0
160	43.0	39.2	58.8

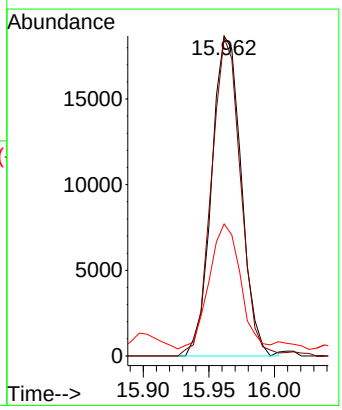


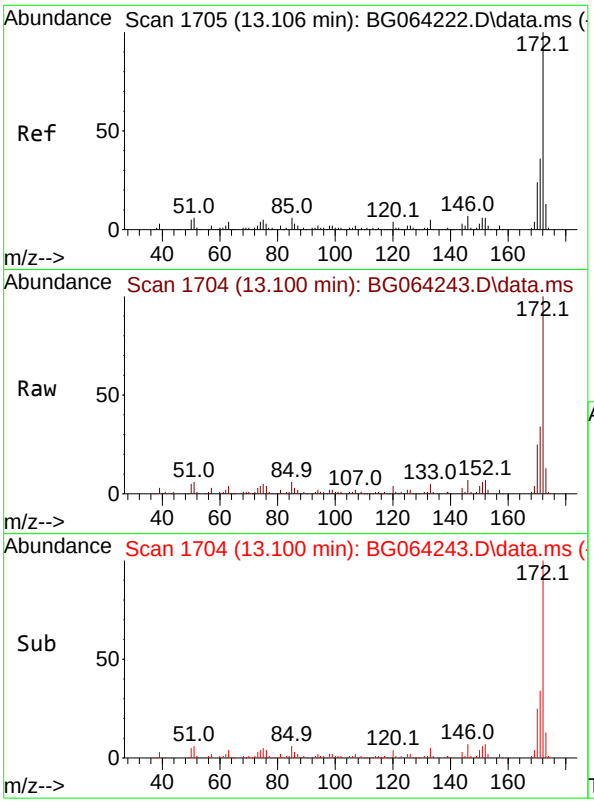


#42
2,4,6-Tribromophenol
Concen: 16.591 ng
RT: 15.962 min Scan# 2191
Delta R.T. -0.011 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion:330 Resp: 29224

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.6	116.4
141	41.2	29.8	44.6



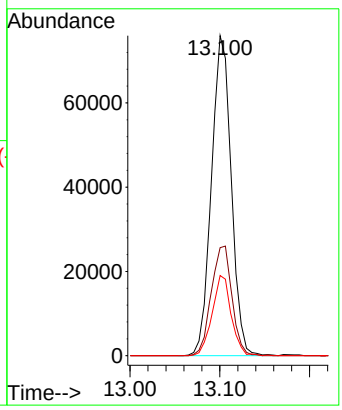


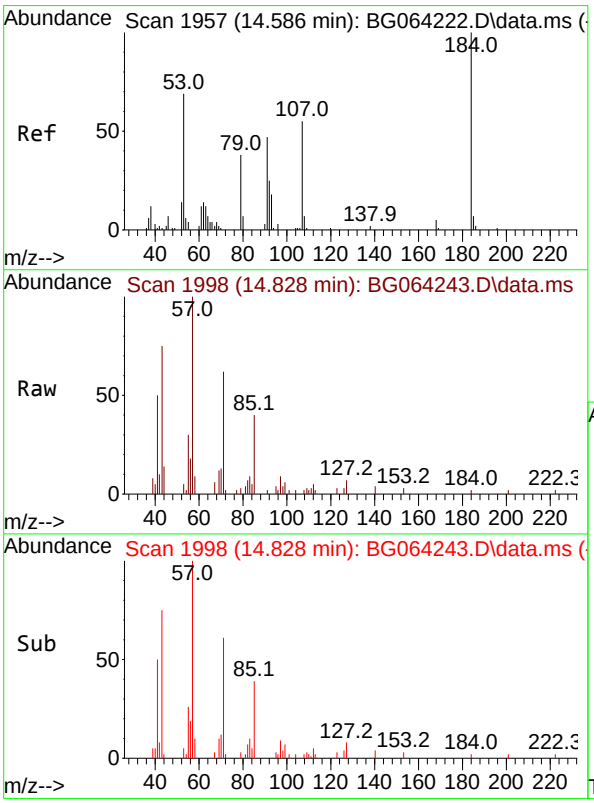
#45
2-Fluorobiphenyl
Concen: 13.342 ng
RT: 13.100 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 116241

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.7	43.1
170	25.1	19.0	28.6

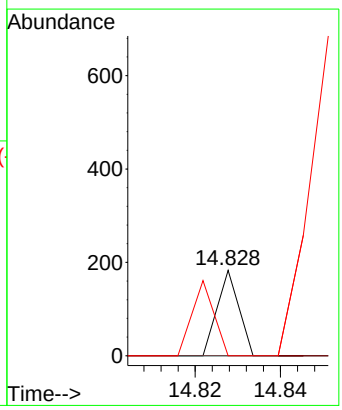


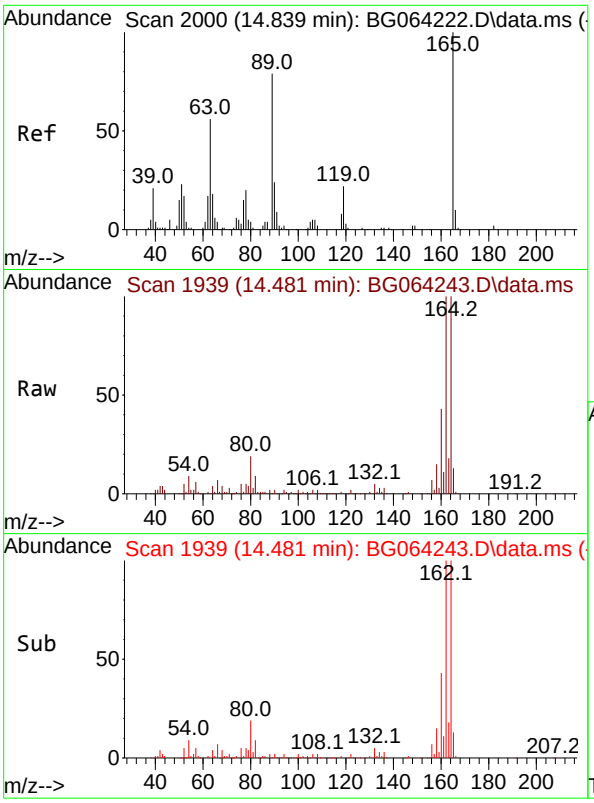


#54
2,4-Dinitrophenol
Concen: 5.699 ng
RT: 14.828 min Scan# 1998
Delta R.T. 0.236 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion:184 Resp: 65

Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.1	90.1#
154	0.0	59.8	89.8#



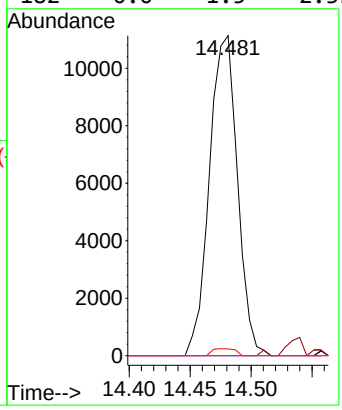


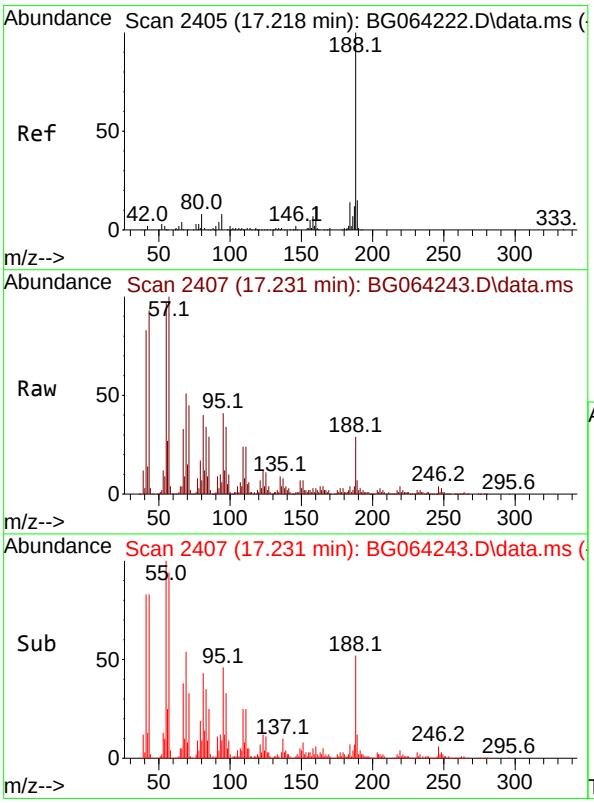
#57
2,4-Dinitrotoluene
Concen: 6.062 ng
RT: 14.481 min Scan# 1
Delta R.T. -0.364 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17861

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	2.1	63.0	94.4#
182	0.0	1.5	2.3#

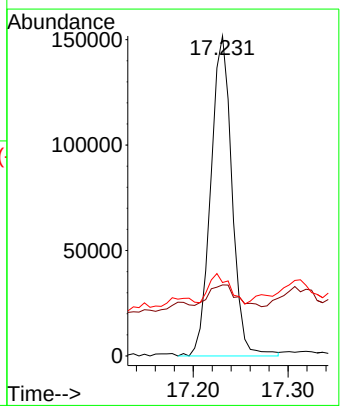


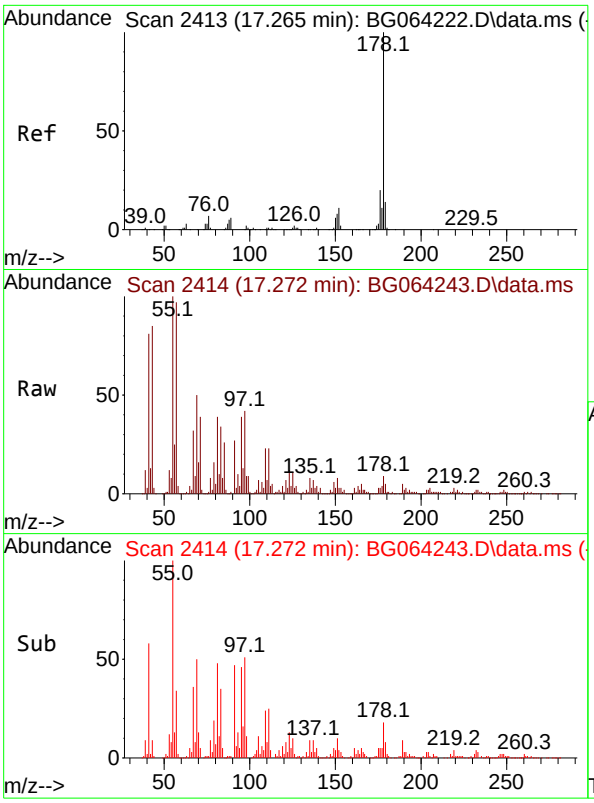


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.231 min Scan# 2407
Delta R.T. 0.006 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion:188 Resp: 235092

Ion	Ratio	Lower	Upper
188	100		
94	22.2	6.2	9.4#
80	22.9	6.8	10.2#



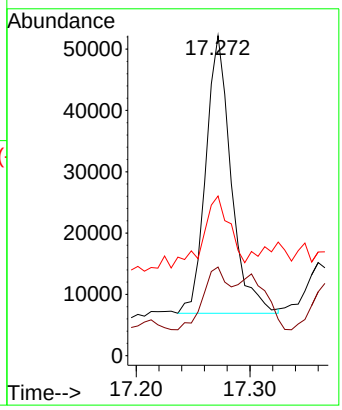


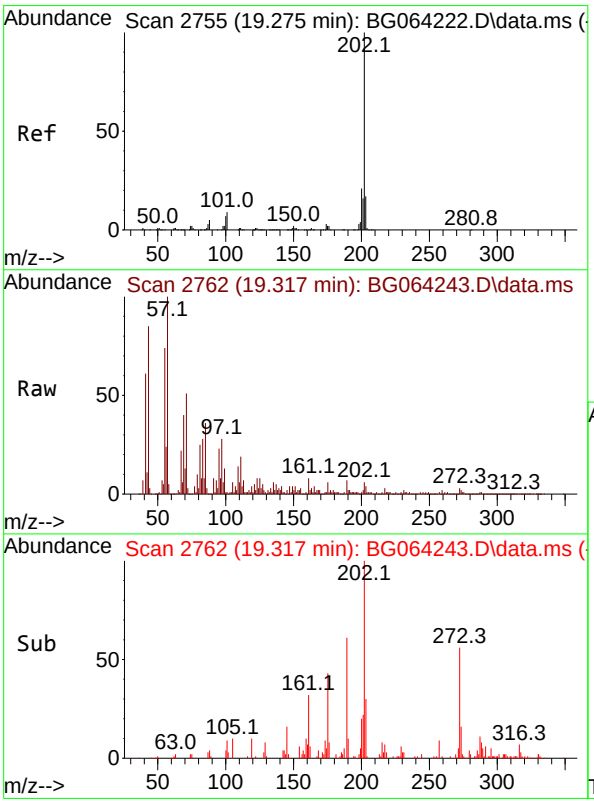
#71
Phenanthrene
Concen: 5.654 ng
RT: 17.272 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 70110

Ion	Ratio	Lower	Upper
178	100		
176	27.7	15.9	23.9#
179	49.9	11.4	17.2#

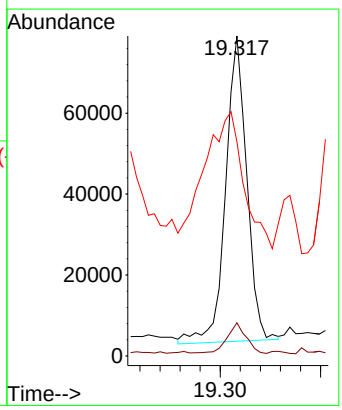


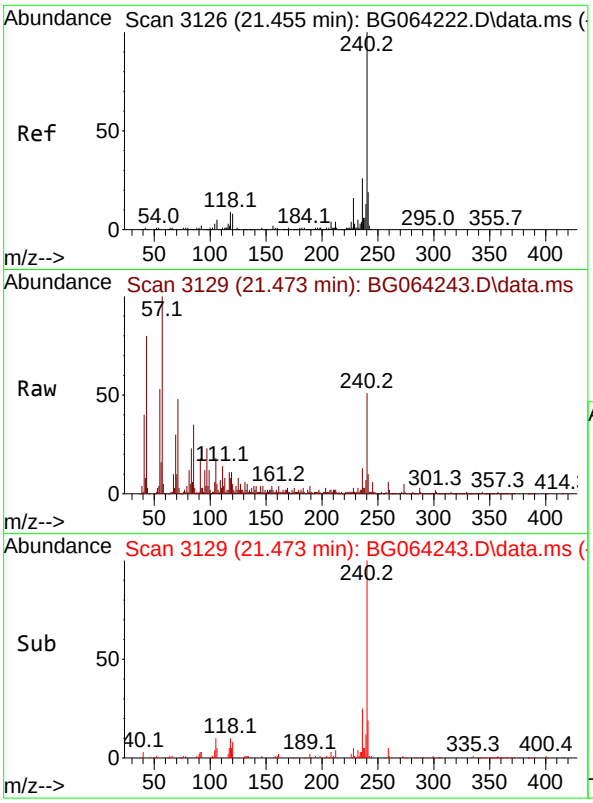


#75
Fluoranthene
Concen: 7.585 ng
RT: 19.317 min Scan# 2762
Delta R.T. 0.041 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion:202 Resp: 110590

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.7
203	66.9	0.0	36.9#



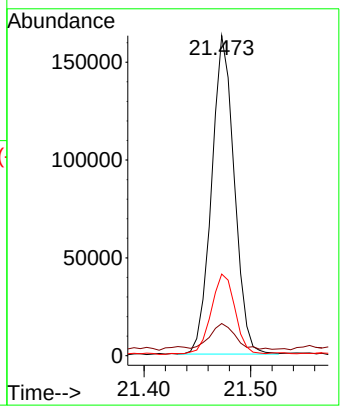


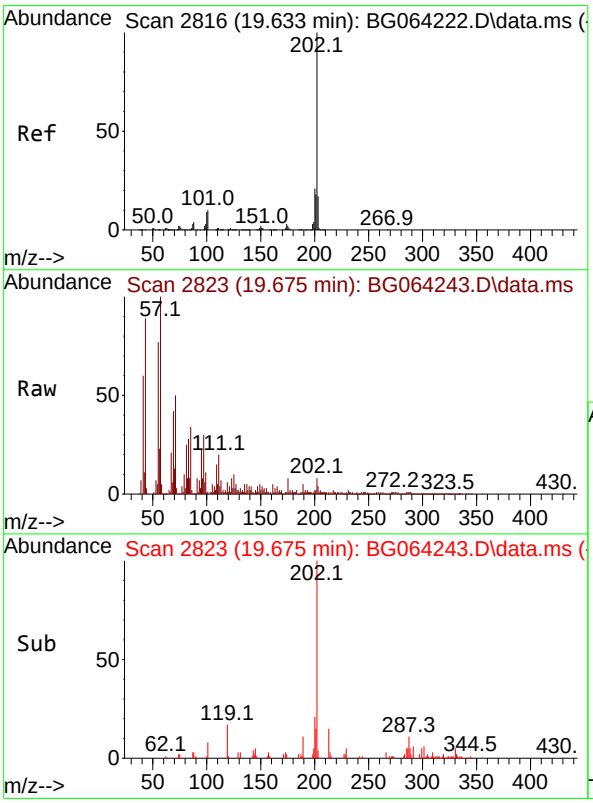
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.473 min Scan# 3
Delta R.T. 0.018 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 240579

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.2	9.4#
236	25.5	20.5	30.7

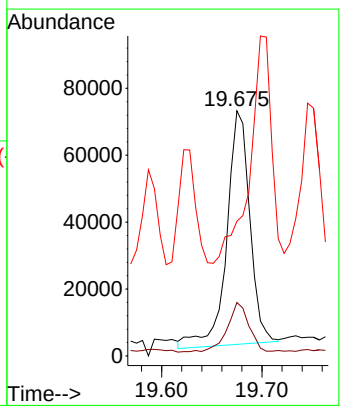


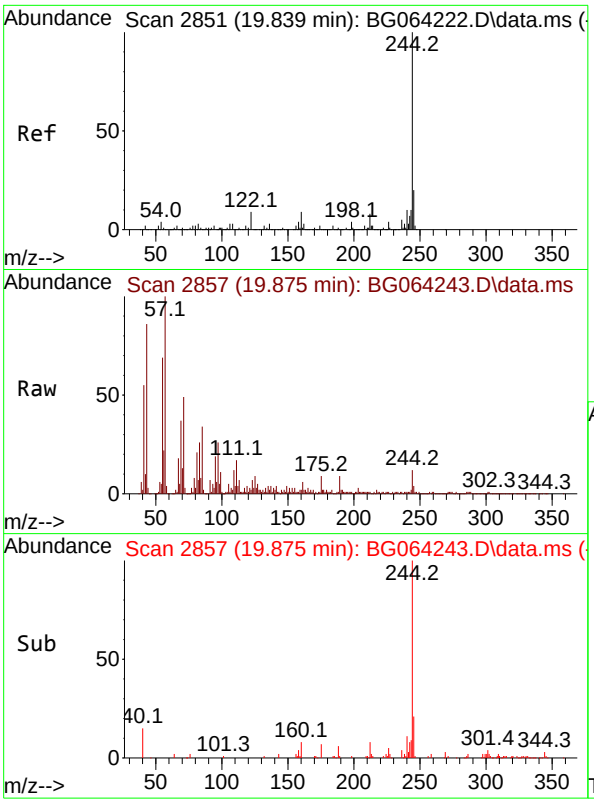


#78
Pyrene
Concen: 7.370 ng
RT: 19.675 min Scan# 2823
Delta R.T. 0.036 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion:202 Resp: 111701

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	54.9	13.8	20.8#



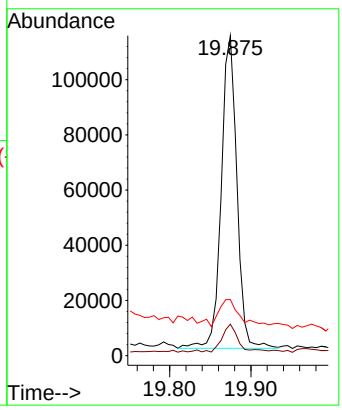


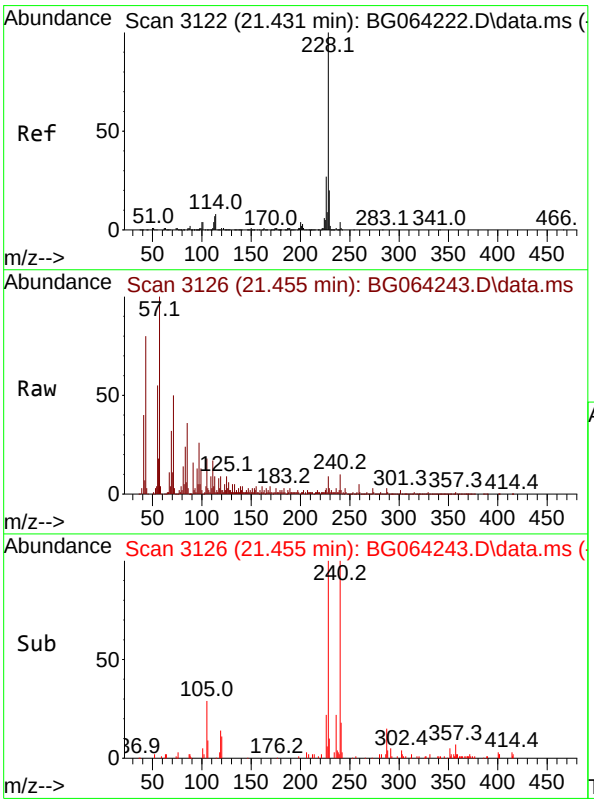
#79
Terphenyl-d14
Concen: 13.212 ng
RT: 19.875 min Scan# 2
Delta R.T. 0.030 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 152346

Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.6	10.0
122	17.6	7.0	10.6#

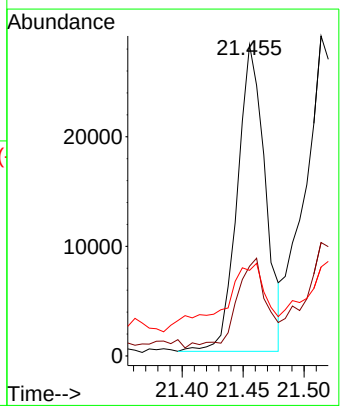


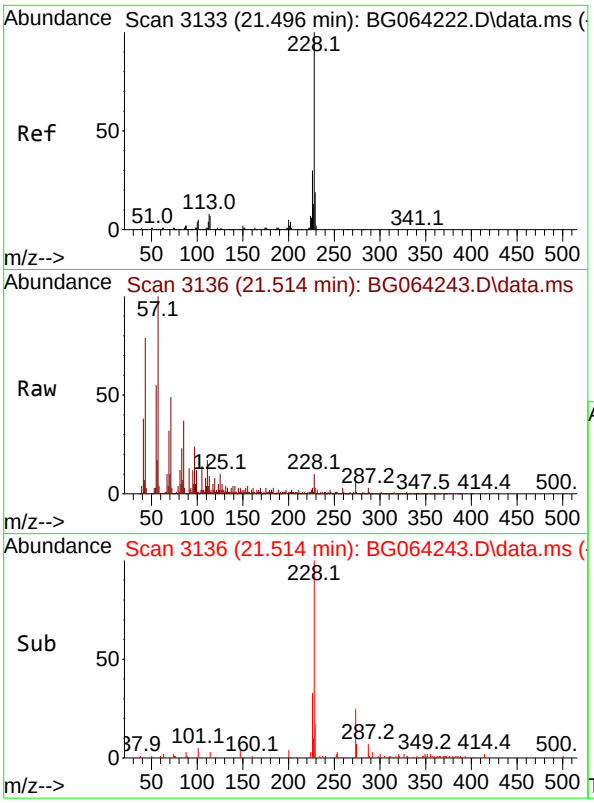


#81
Benzo(a)anthracene
Concen: 2.897 ng
RT: 21.455 min Scan# 3126
Delta R.T. 0.018 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion:228 Resp: 44594

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.7	32.5
229	27.5	15.9	23.9#



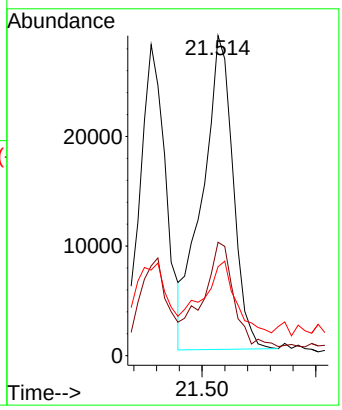


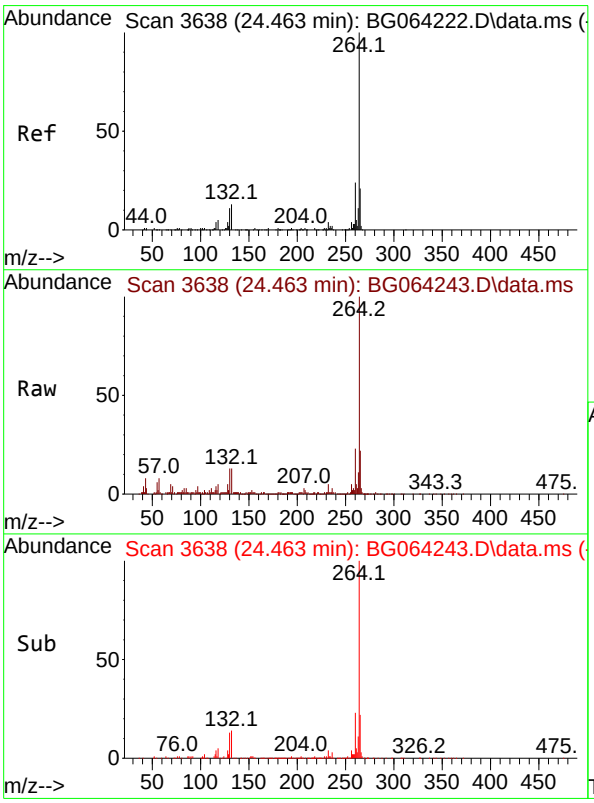
#83
Chrysene
Concen: 3.640 ng
RT: 21.514 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 53785

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.2	36.2
229	27.8	15.4	23.2#

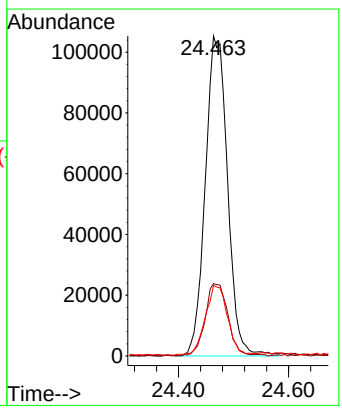


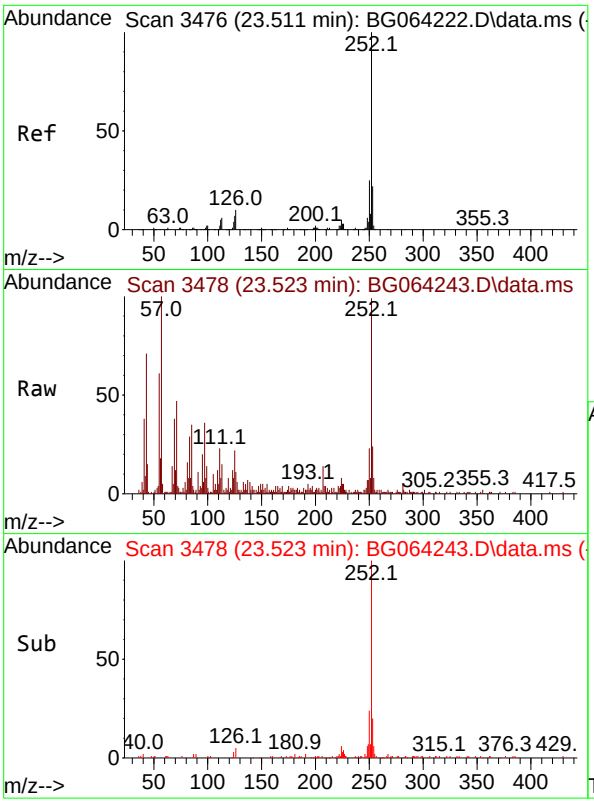


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 3638
Delta R.T. 0.000 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion:264 Resp: 296022

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	22.1	16.7	25.1



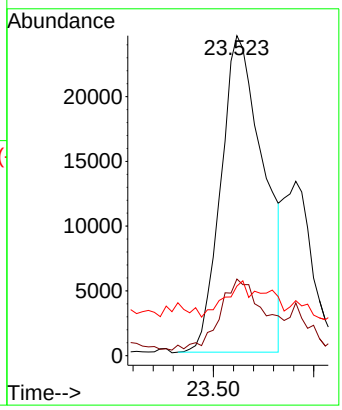


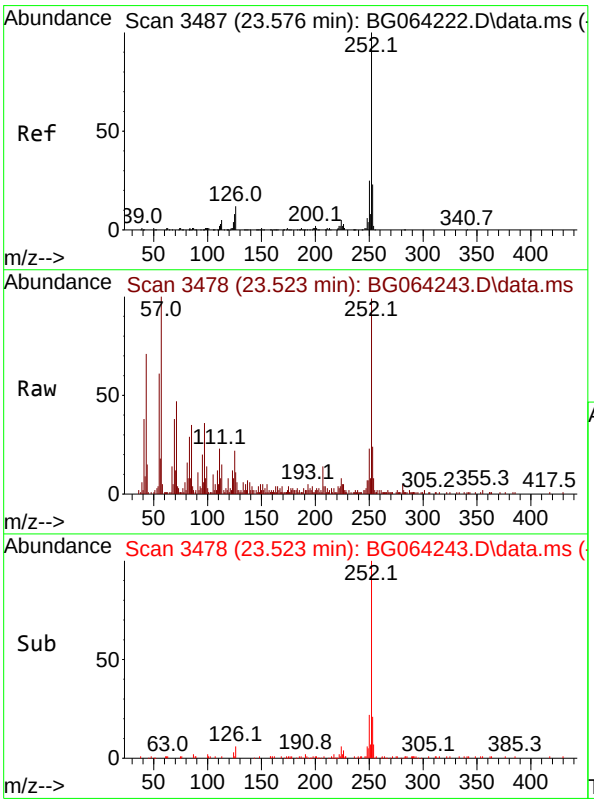
#88
Benzo(b)fluoranthene
Concen: 4.296 ng
RT: 23.523 min Scan# 34
Delta R.T. 0.006 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 71769

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	21.7	5.9	8.9#

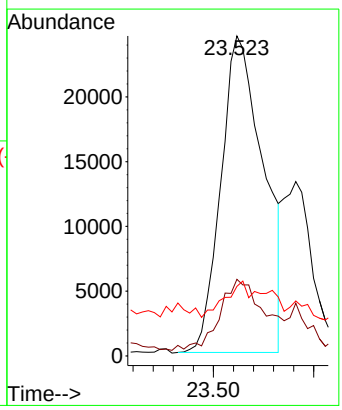


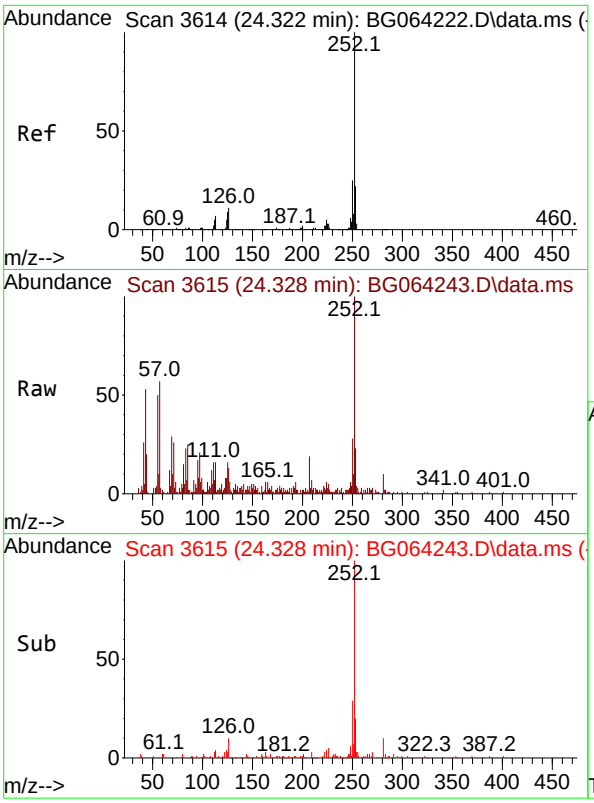


#89
Benzo(k)fluoranthene
Concen: 4.217 ng
RT: 23.523 min Scan# 3478
Delta R.T. -0.064 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Tgt Ion:252 Resp: 71769

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	21.7	7.0	10.4#





#90
Benzo(a)pyrene
Concen: 2.682 ng
RT: 24.328 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064243.D
Acq: 2 Sep 2025 13:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 41685

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	15.8	7.0	10.6#