Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064537.D
Acq On : 17 Oct 2025 15:48
Operator : RC/JU
Sample : Q3363-01
Misc : 8270/625.1 SPIKE
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Quant Time: Oct 17 16:23:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	15692	20.000	ng	# 0.00
21) Naphthalene-d8	10.602	136	62273	20.000	ng	# 0.00
39) Acenaphthene-d10	14.444	164	44210	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	107542	20.000	ng	0.00
76) Chrysene-d12	21.413	240	122736	20.000	ng	0.00
86) Perylene-d12	24.391	264	135244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	52795	62.265	ng	0.00
7) Phenol-d6	6.994	99	63162	55.432	ng	0.00
23) Nitrobenzene-d5	8.968	82	42502	36.699	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	51012	63.656	ng	0.00
45) 2-Fluorobiphenyl	13.064	172	99585	33.203	ng	0.00
79) Terphenyl-d14	19.803	244	210418	32.445	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	11.636	113	836	2.405	ng	# 27
51) 2,6-Dinitrotoluene	14.444	165	6869	9.523	ng	# 14
63) Azobenzene	15.801	77	9962	3.463	ng	# 24
67) 4-Bromophenyl-phenylether	15.937	248	3081	2.435	ng	# 1
71) Phenanthrene	17.229	178	18436	3.278	ng	95
75) Fluoranthene	19.239	202	37412	5.568	ng	95
78) Pyrene	19.603	202	40759	5.117	ng	97
81) Benzo(a)anthracene	21.454	228	29391	3.750	ng	93
83) Chrysene	21.454	228	29391	3.955	ng	93
88) Benzo(b)fluoranthene	23.457	252	29707	3.861	ng	# 96
89) Benzo(k)fluoranthene	23.457	252	29707	3.834	ng	# 96
90) Benzo(a)pyrene	24.256	252	29136	4.109	ng	# 95
92) Benzo(g,h,i)perylene	28.792	276	18887	2.582	ng	# 83

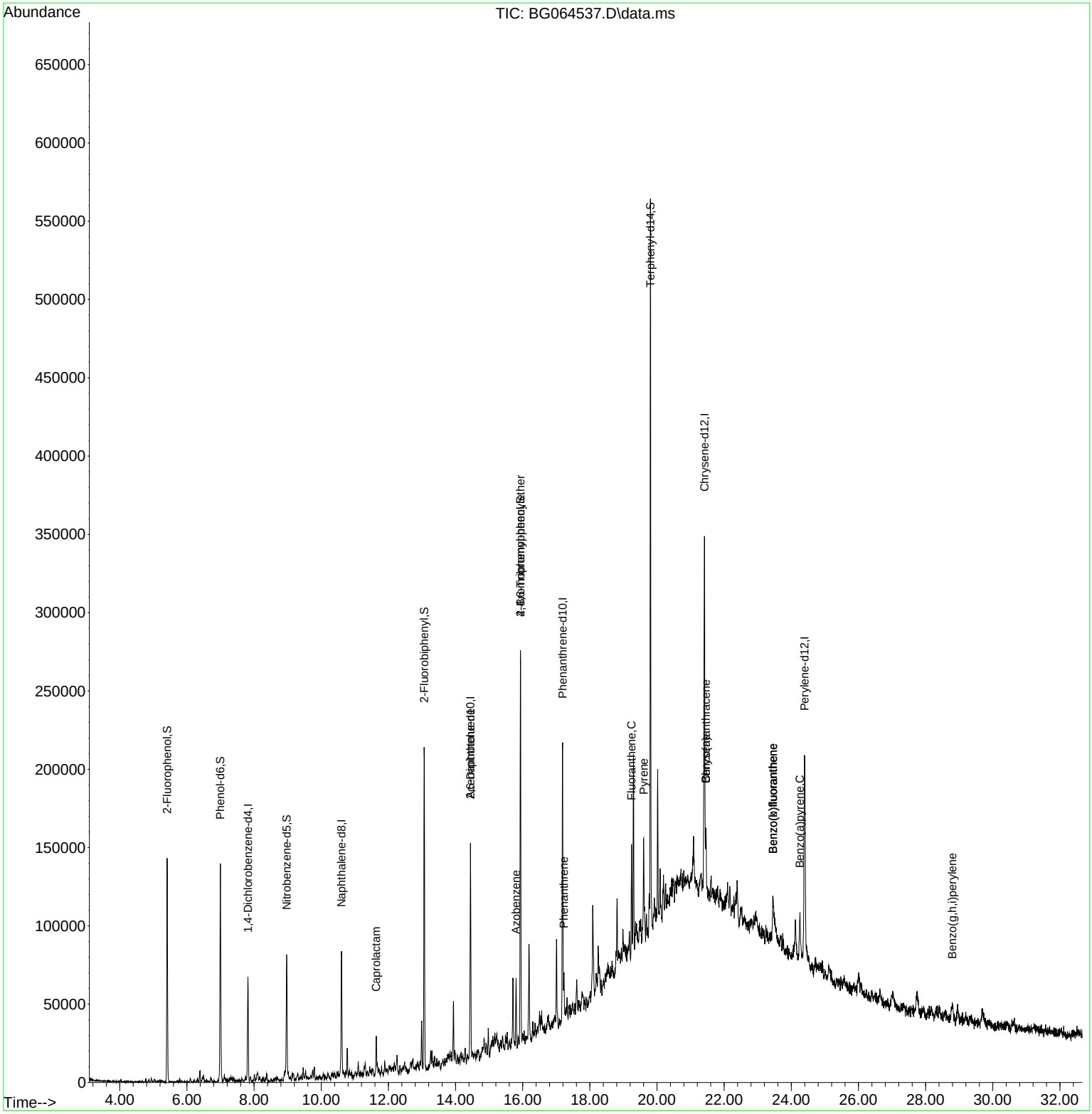
(#) = qualifier out of range (m) = manual integration (+) = signals summed

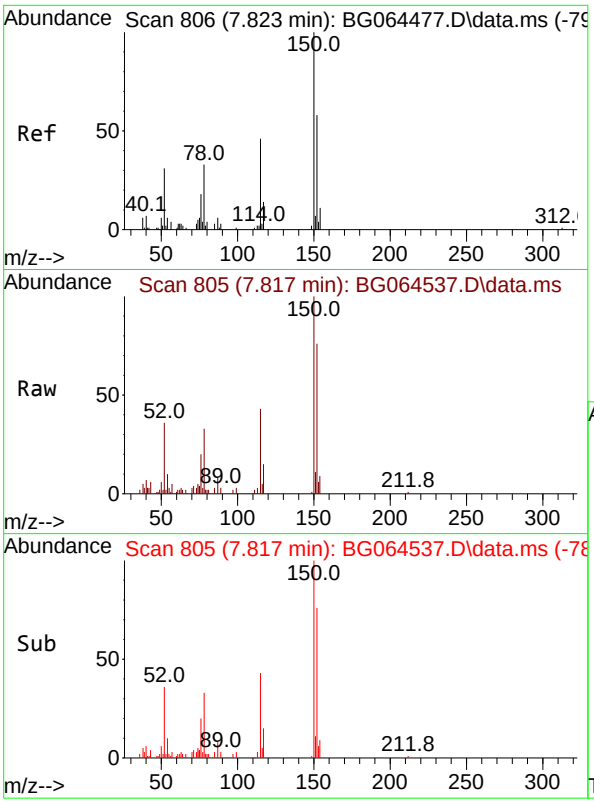
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064537.D
Acq On : 17 Oct 2025 15:48
Operator : RC/JU
Sample : Q3363-01
Misc : 8270/625.1 SPIKE
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Quant Time: Oct 17 16:23:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



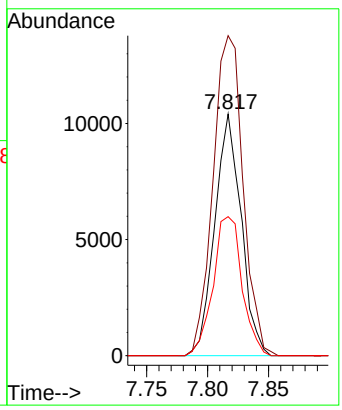


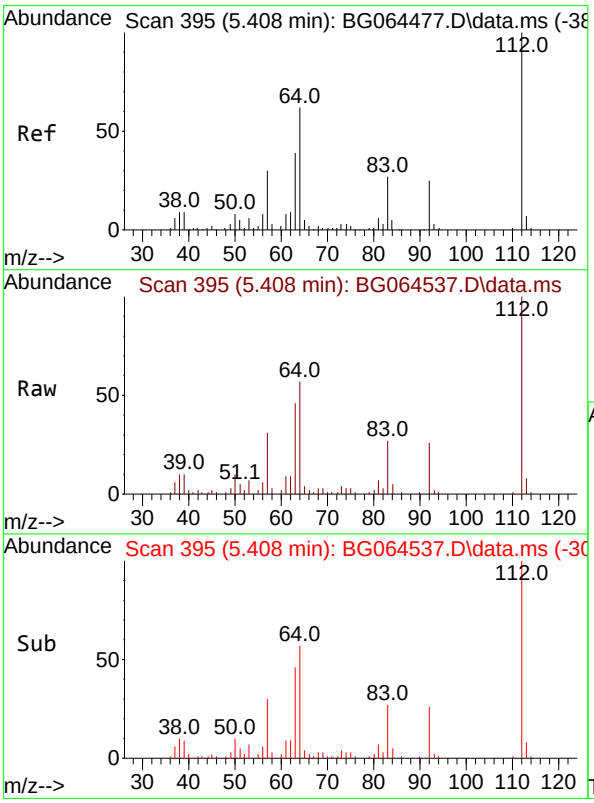
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:152 Resp: 15692

Ion	Ratio	Lower	Upper
152	100		
150	132.4	138.6	207.8#
115	57.5	63.4	95.2#

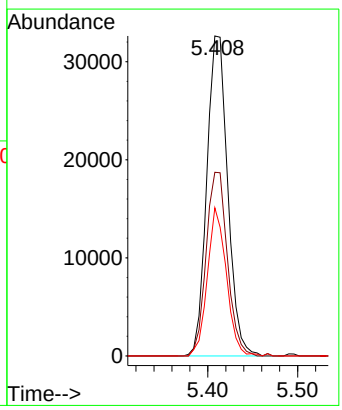


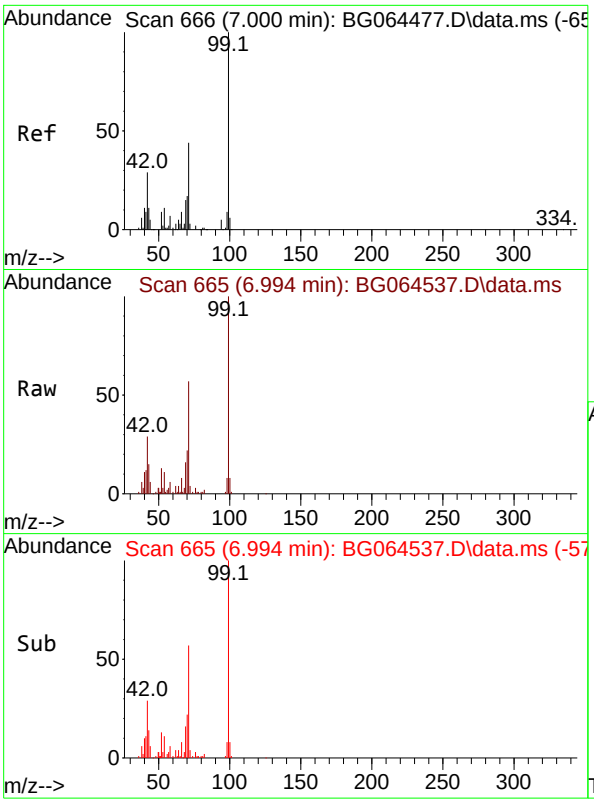


#5
2-Fluorophenol
Concen: 62.265 ng
RT: 5.408 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:112 Resp: 52795

Ion	Ratio	Lower	Upper
112	100		
64	57.4	49.8	74.8
63	46.3	31.3	46.9



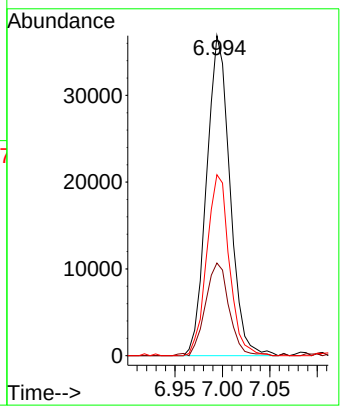


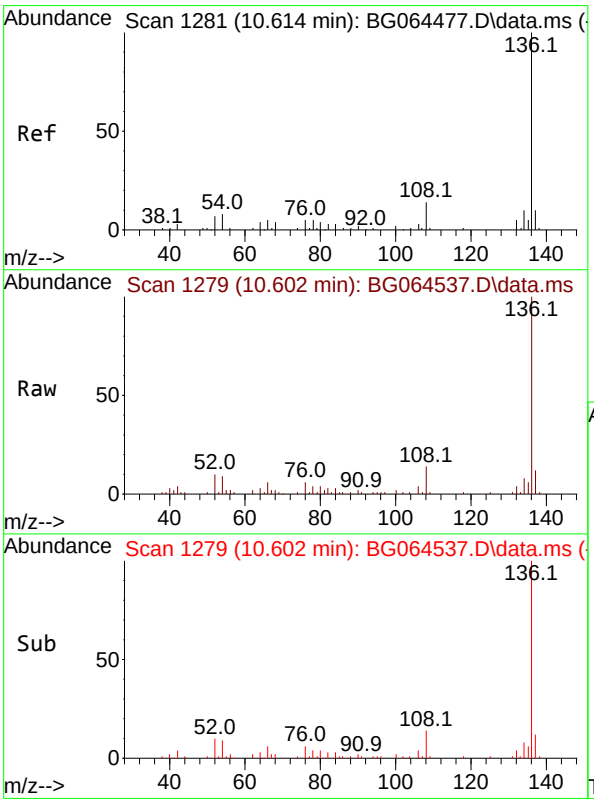
#7
Phenol-d6
Concen: 55.432 ng
RT: 6.994 min Scan# 6
Delta R.T. 0.008 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion: 99 Resp: 63162

Ion	Ratio	Lower	Upper
99	100		
42	29.0	22.9	34.3
71	56.6	35.4	53.2#

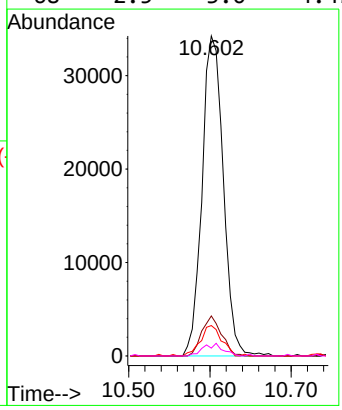


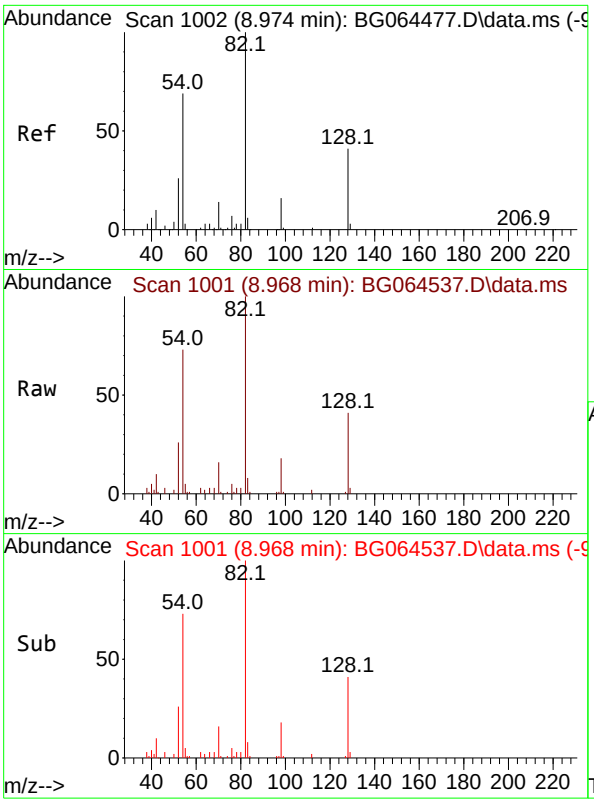


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.004 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:136 Resp: 62273

Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.3	12.5#
54	9.5	6.2	9.4#
68	2.5	3.0	4.4#



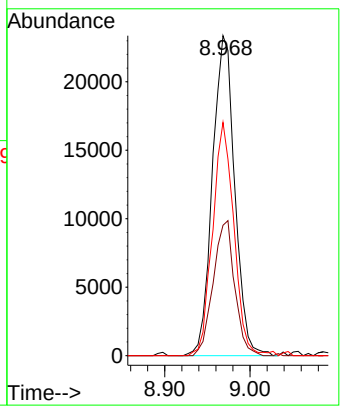


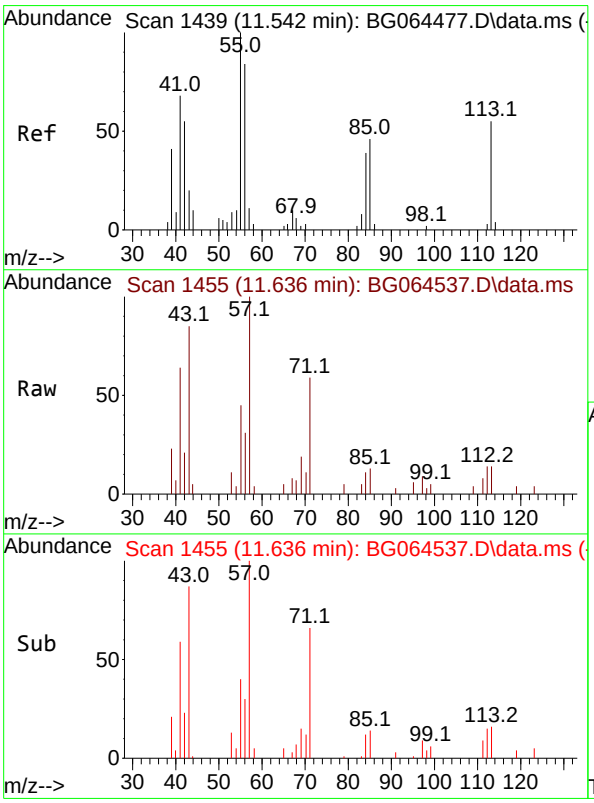
#23
Nitrobenzene-d5
Concen: 36.699 ng
RT: 8.968 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion: 82 Resp: 42502

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.1	49.7
54	72.9	55.4	83.2

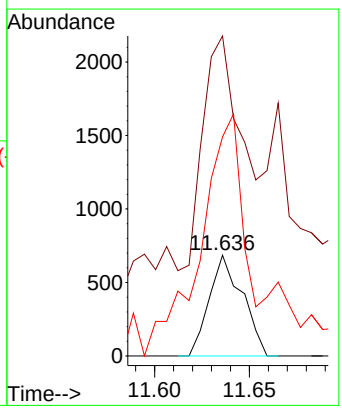


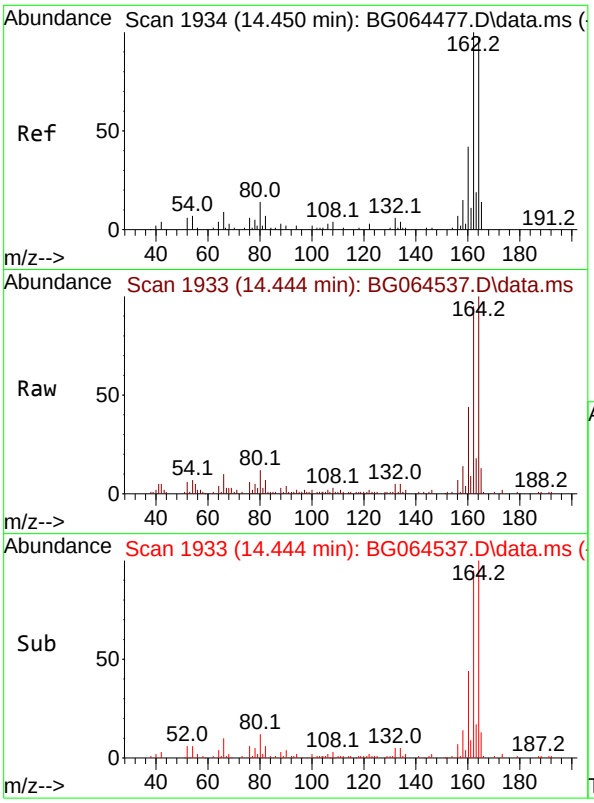


#35
Caprolactam
Concen: 2.405 ng
RT: 11.636 min Scan# 1455
Delta R.T. 0.126 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:113 Resp: 836

Ion	Ratio	Lower	Upper
113	100		
55	317.3	162.0	202.0#
56	217.2	134.6	174.6#



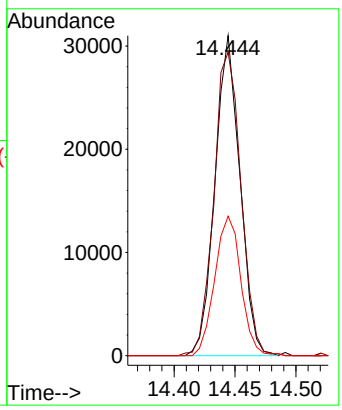


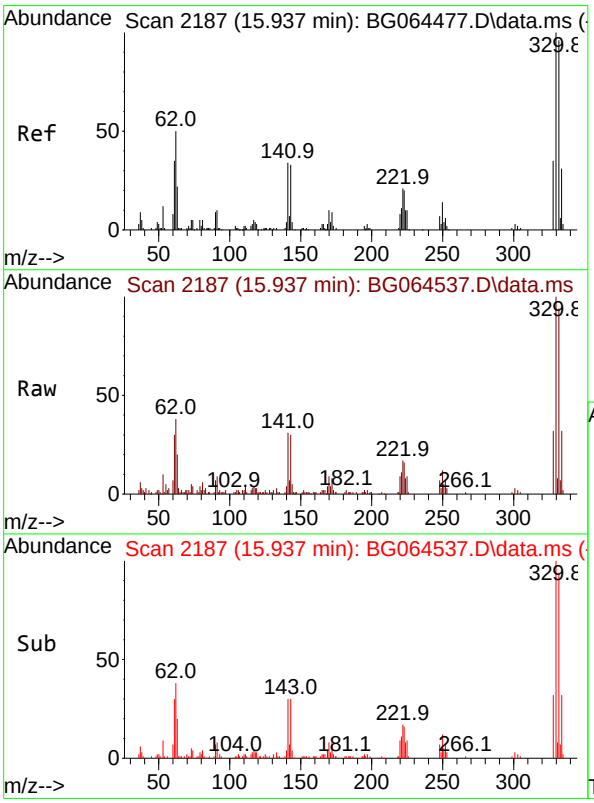
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.444 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:164 Resp: 44210

Ion	Ratio	Lower	Upper
164	100		
162	94.9	82.2	123.2
160	43.6	34.3	51.5

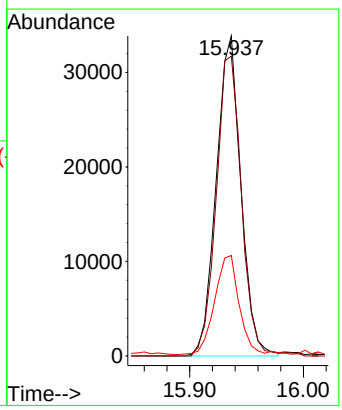


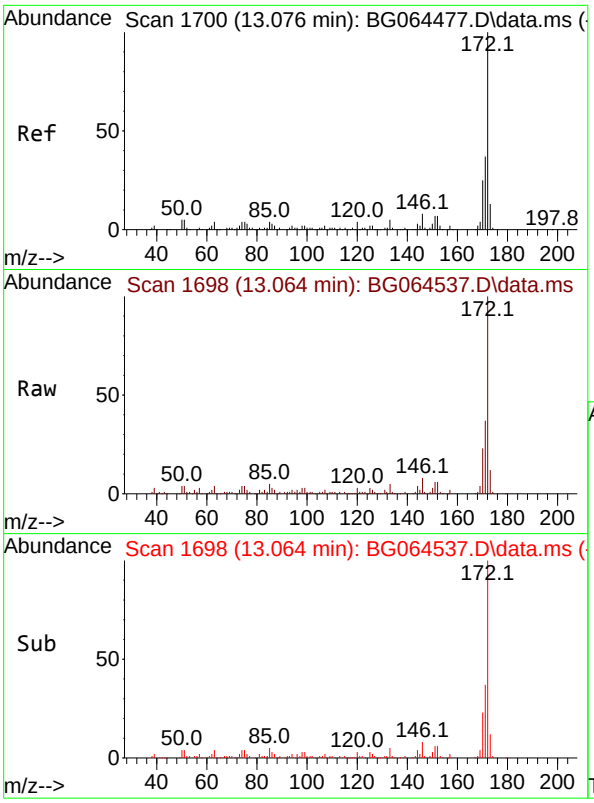


#42
2,4,6-Tribromophenol
Concen: 63.656 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:330 Resp: 51012

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	32.1	25.8	38.6



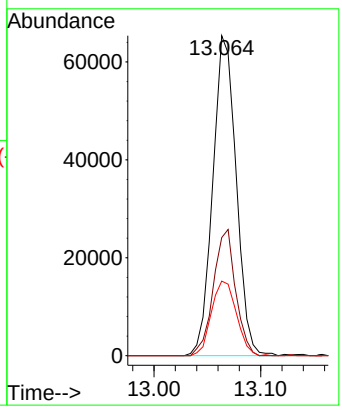


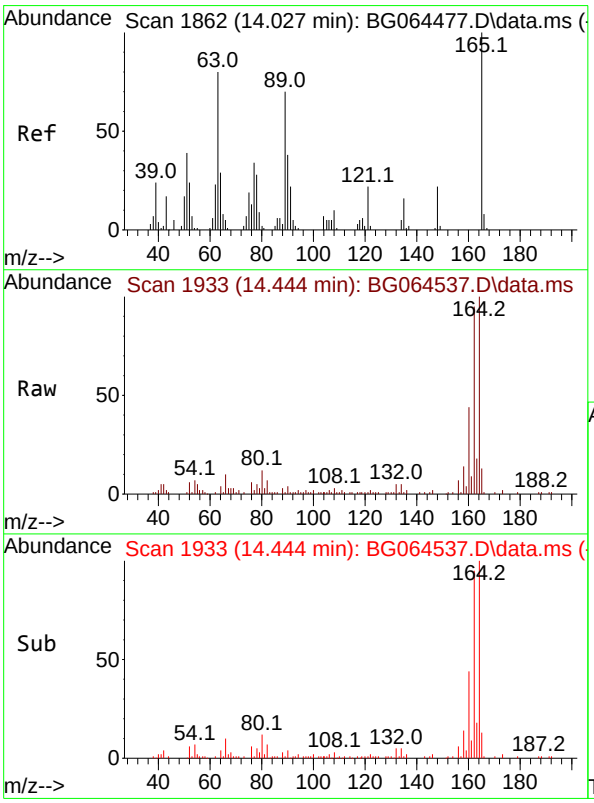
#45
2-Fluorobiphenyl
Concen: 33.203 ng
RT: 13.064 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:172 Resp: 99585

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.3	20.2	30.2

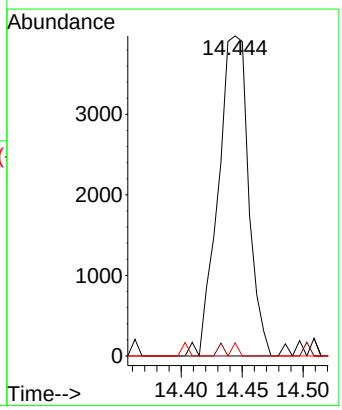


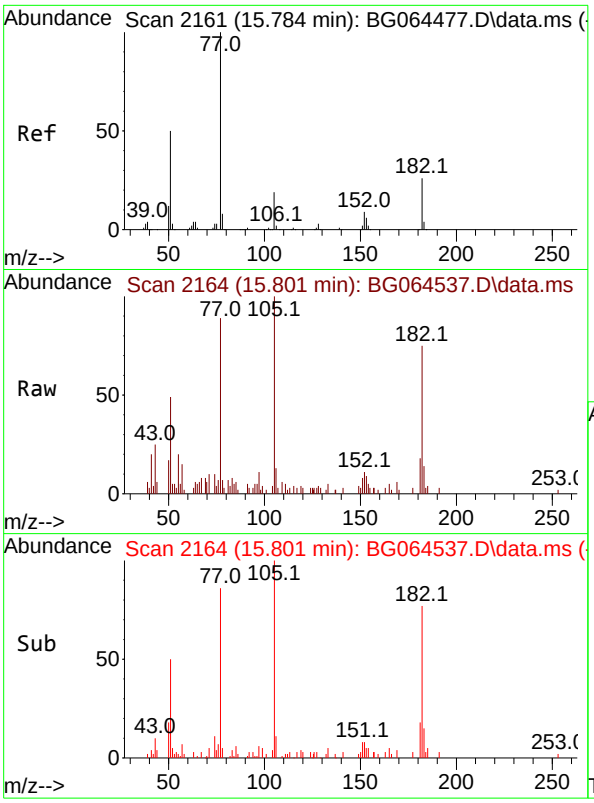


#51
2,6-Dinitrotoluene
Concen: 9.523 ng
RT: 14.444 min Scan# 1933
Delta R.T. 0.425 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:165 Resp: 6869

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	4.1	56.1	84.1#



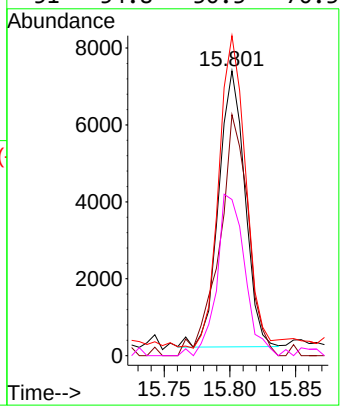


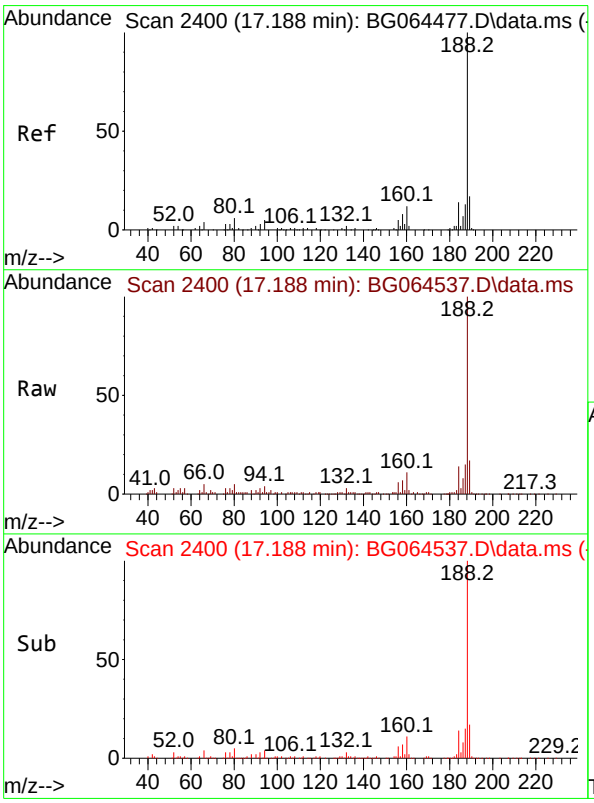
#63
Azobenzene
Concen: 3.463 ng
RT: 15.801 min Scan# 2
Delta R.T. 0.020 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion: 77 Resp: 9962

Ion	Ratio	Lower	Upper
77	100		
182	84.6	6.3	46.3#
105	112.4	0.0	38.7#
51	54.8	30.3	70.3

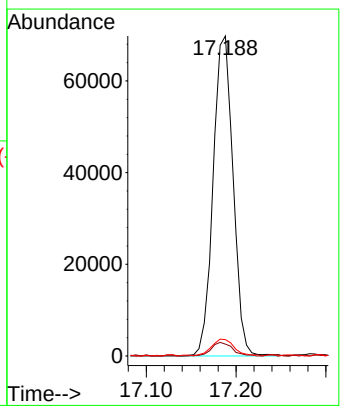


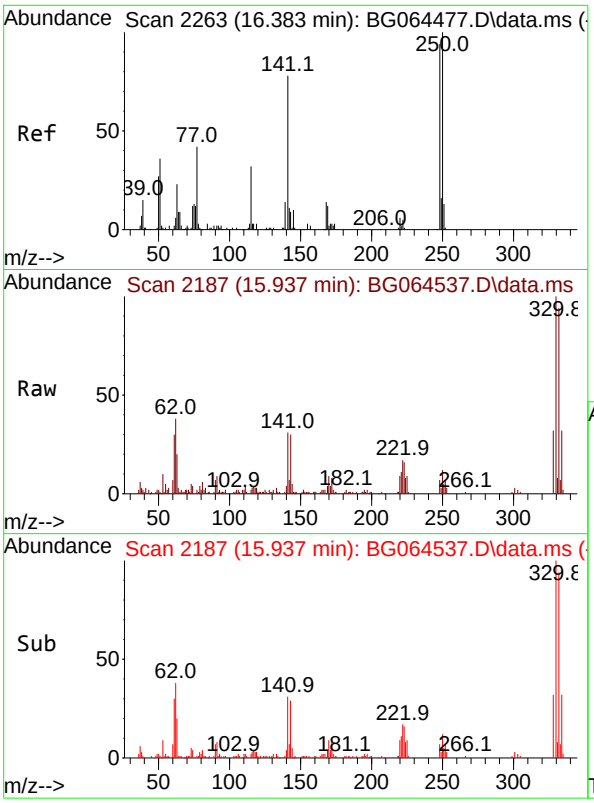


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:188 Resp: 107542

Ion	Ratio	Lower	Upper
188	100		
94	3.7	3.7	5.5
80	5.1	4.5	6.7



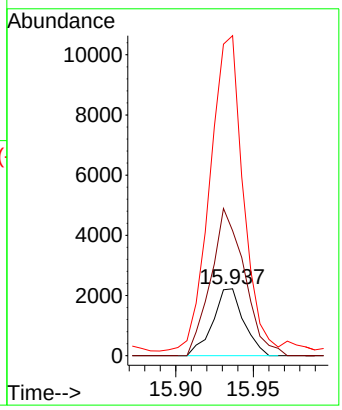


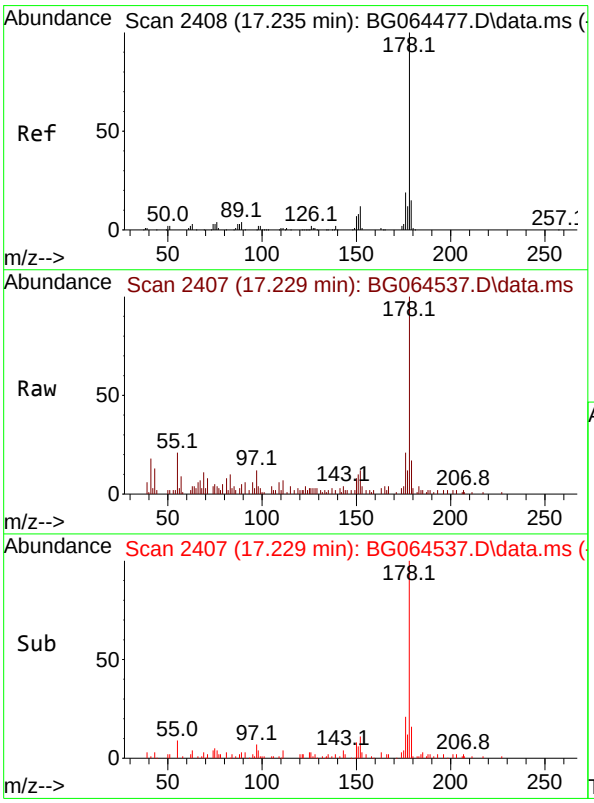
#67
4-Bromophenyl-phenylether
Concen: 2.435 ng
RT: 15.937 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:248 Resp: 3081

Ion	Ratio	Lower	Upper
248	100		
250	186.9	85.3	127.9#
141	478.8	66.2	99.2#

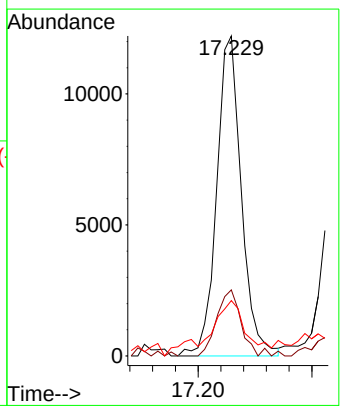


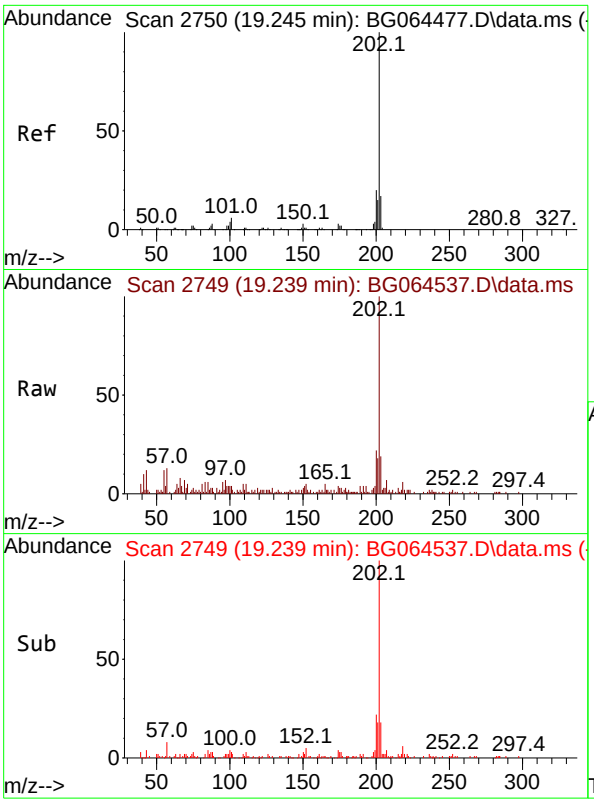


#71
Phenanthrene
Concen: 3.278 ng
RT: 17.229 min Scan# 2407
Delta R.T. 0.002 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:178 Resp: 18436

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.2	22.8
179	17.3	11.8	17.6



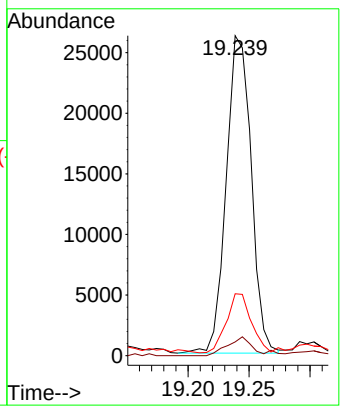


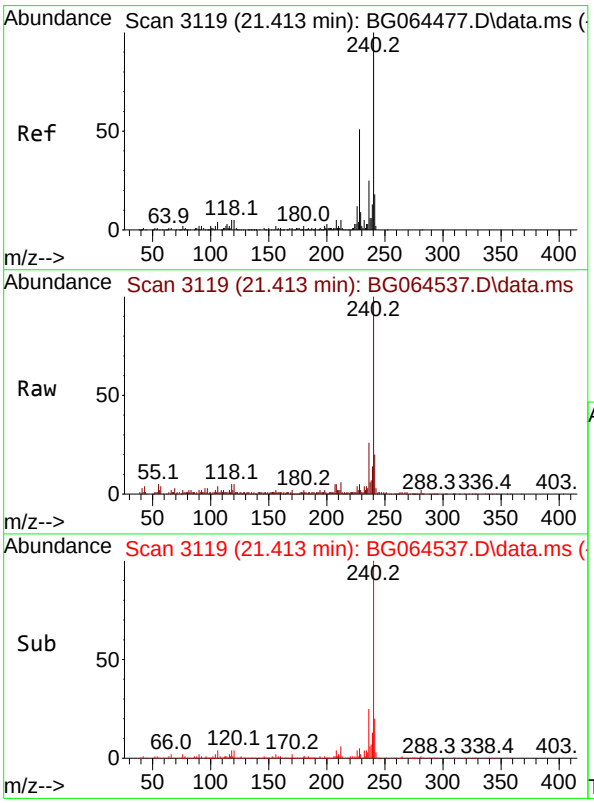
#75
Fluoranthene
Concen: 5.568 ng
RT: 19.239 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:202 Resp: 37412

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	25.7
203	19.4	0.0	36.6

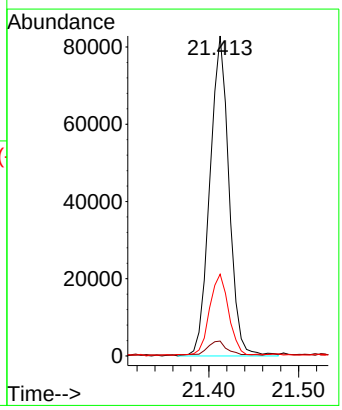


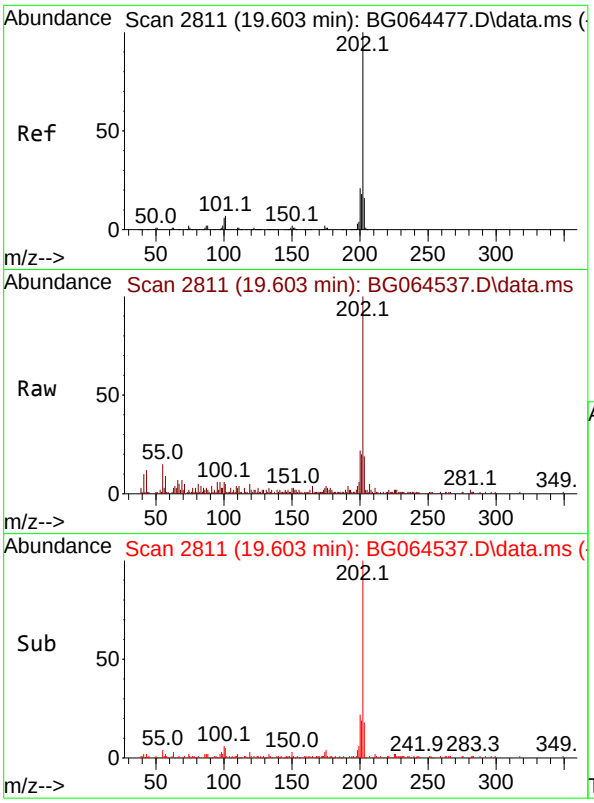


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:240 Resp: 122736

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.3	6.5
236	25.6	20.4	30.6



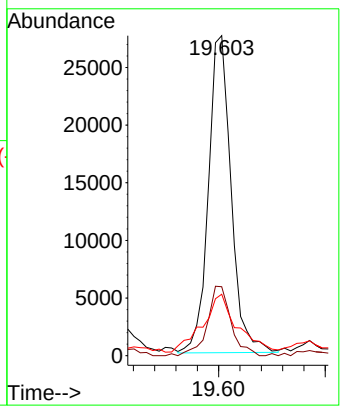


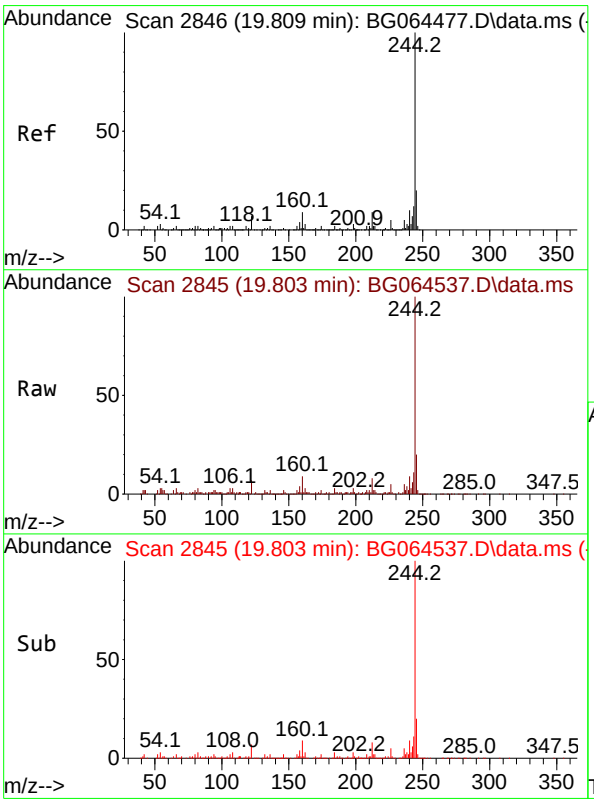
#78
Pyrene
Concen: 5.117 ng
RT: 19.603 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:202 Resp: 40759

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	19.2	13.0	19.4

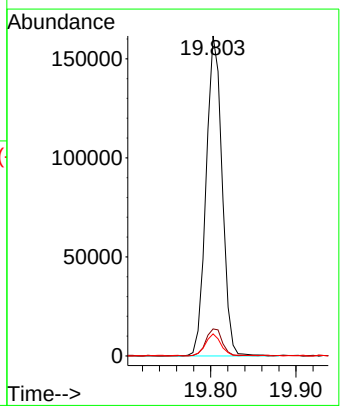


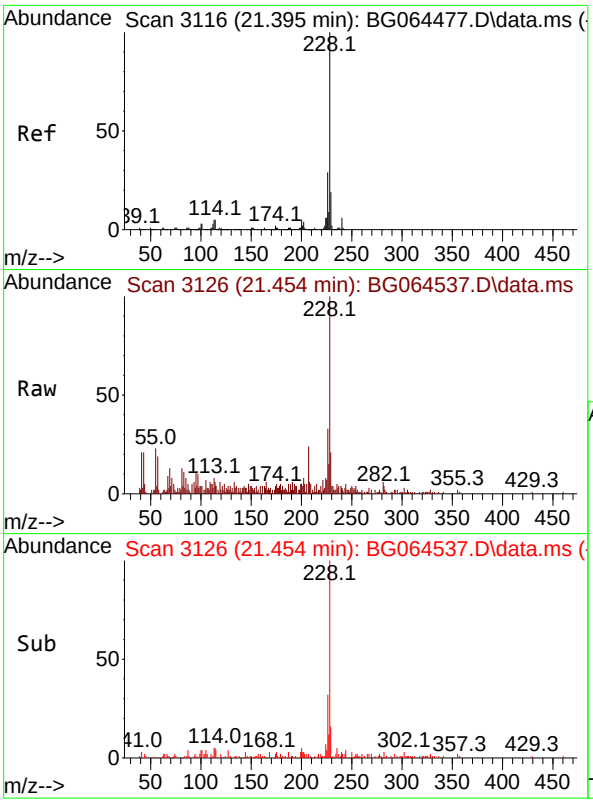


#79
Terphenyl-d14
Concen: 32.445 ng
RT: 19.803 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:244 Resp: 210418

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	6.9	5.6	8.4



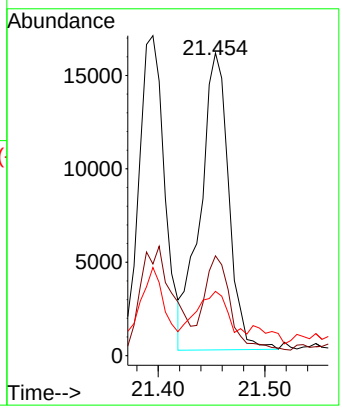


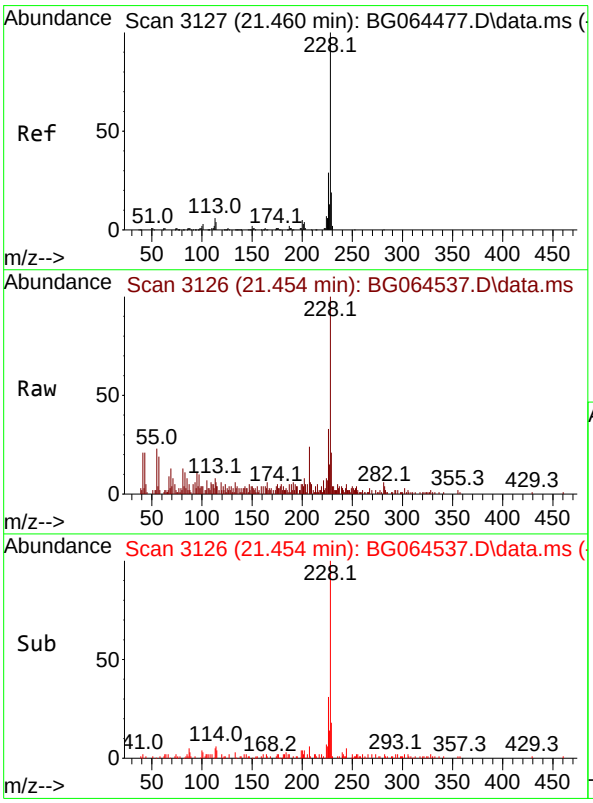
#81
Benzo(a)anthracene
Concen: 3.750 ng
RT: 21.454 min Scan# 3
Delta R.T. 0.061 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:228 Resp: 29391

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.8	34.2
229	21.2	15.2	22.8

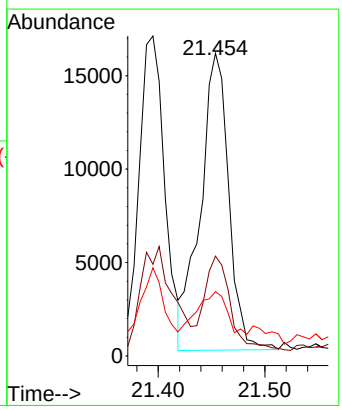


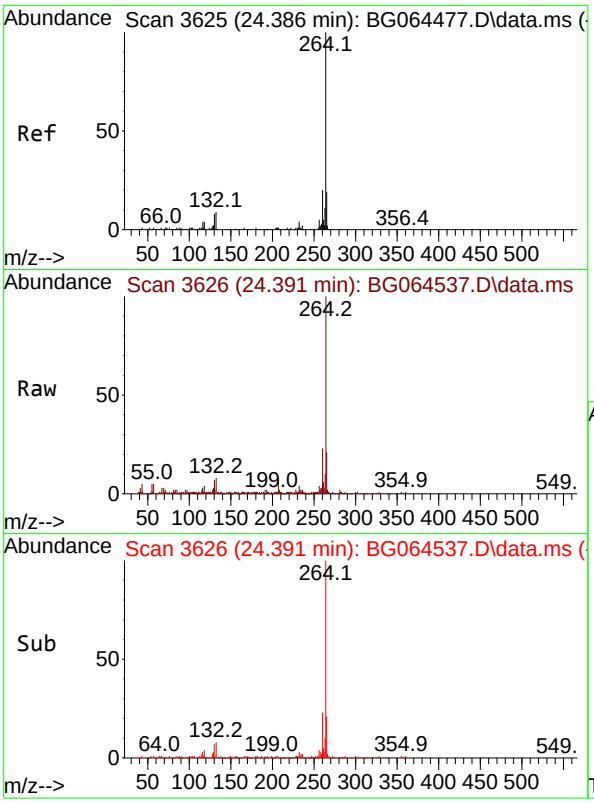


#83
Chrysene
Concen: 3.955 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:228 Resp: 29391

Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.8	34.2
229	21.2	15.4	23.0



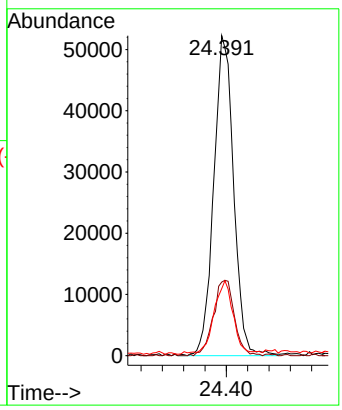


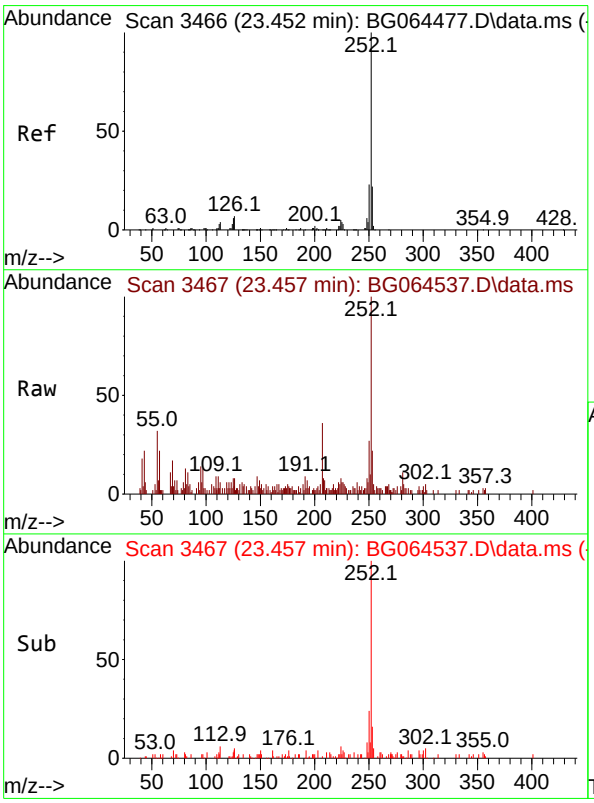
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:264 Resp: 135244

Ion	Ratio	Lower	Upper
264	100		
260	23.0	16.2	24.4
265	21.0	15.0	22.4

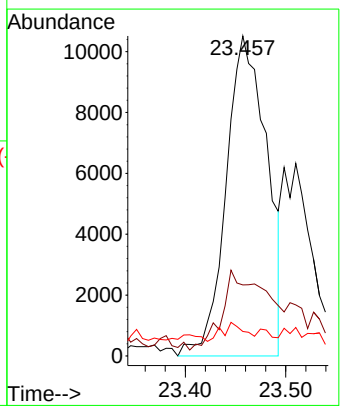


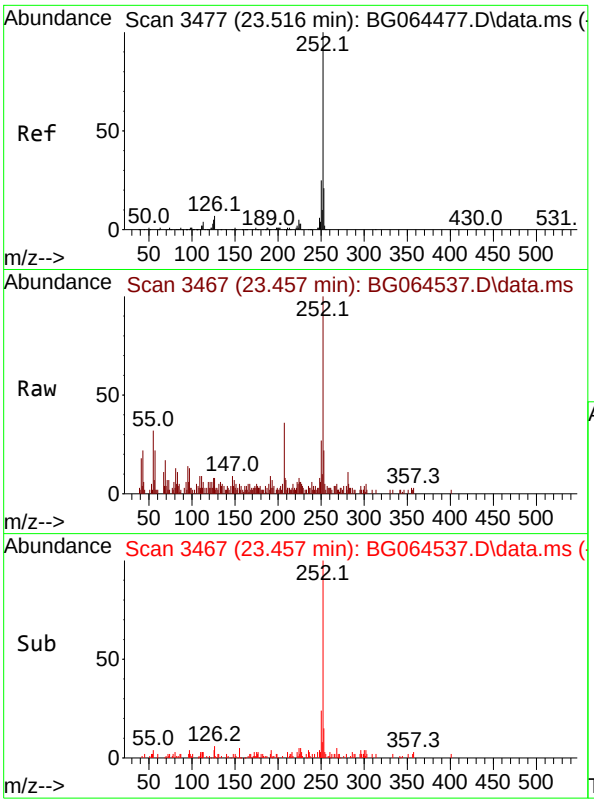


#88
Benzo(b)fluoranthene
Concen: 3.861 ng
RT: 23.457 min Scan# 3467
Delta R.T. 0.008 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:252 Resp: 29707

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.7	4.5	6.7#



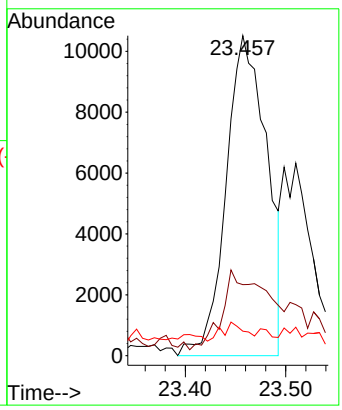


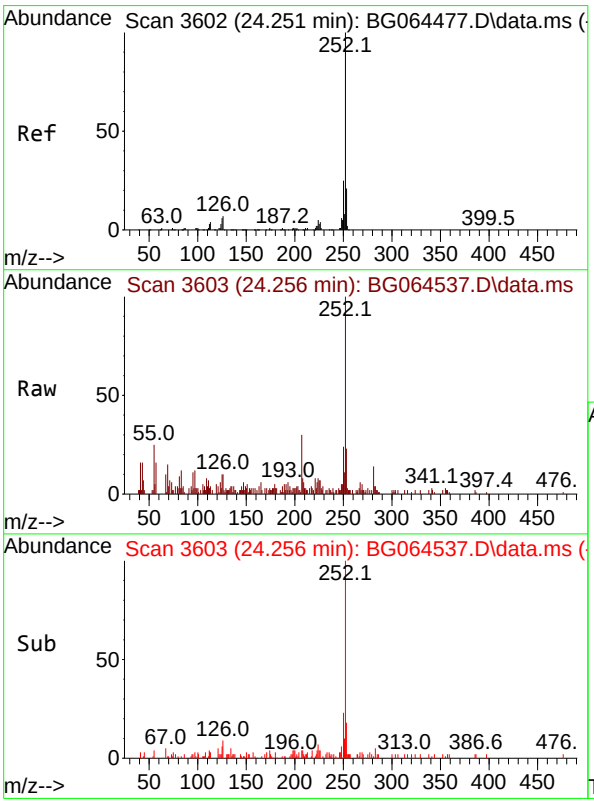
#89
Benzo(k)fluoranthene
Concen: 3.834 ng
RT: 23.457 min Scan# 34
Delta R.T. -0.051 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:252 Resp: 29707

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.7	4.0	6.0#

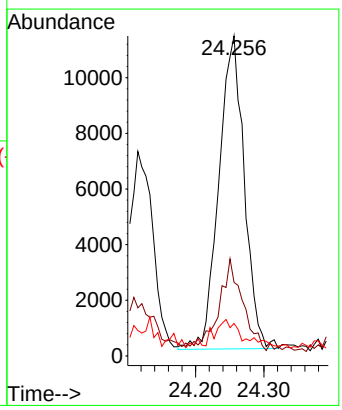


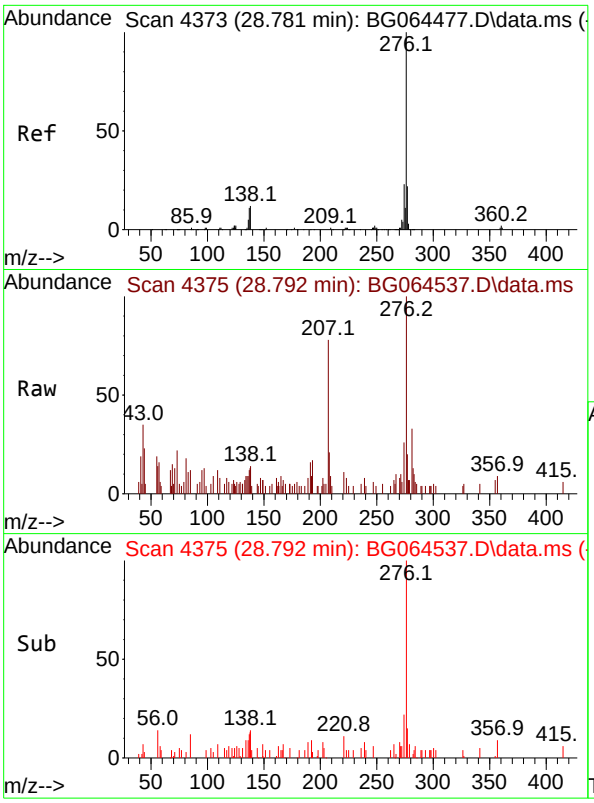


#90
Benzo(a)pyrene
Concen: 4.109 ng
RT: 24.256 min Scan# 3603
Delta R.T. 0.008 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Tgt Ion:252 Resp: 29136

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.2	4.6	6.8#





#92
Benzo(g,h,i)perylene
Concen: 2.582 ng
RT: 28.792 min Scan# 4
Delta R.T. 0.026 min
Lab File: BG064537.D
Acq: 17 Oct 2025 15:48

Instrument :
BNA_G
ClientSampleId :
PR132-SO1-085011-20251015

Tgt Ion:276 Resp: 18887

Ion	Ratio	Lower	Upper
276	100		
277	20.3	17.8	26.6
138	27.2	9.4	14.0#