Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064437.D
Acq On : 23 Sep 2025 13:18
Operator : RC/JU
Sample : Q3155-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Time: Sep 23 13:53:55 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	7.836	152	19558	20.000	ng		-0.02
21) Naphthalene-d8	10.620	136	83888	20.000	ng		#-0.03
39) Acenaphthene-d10	14.463	164	59255	20.000	ng		-0.02
64) Phenanthrene-d10	17.201	188	141083	20.000	ng		#-0.02
76) Chrysene-d12	21.431	240	152528	20.000	ng		#-0.02
86) Perylene-d12	24.428	264	170295	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.432	112	89530	82.128	ng		-0.01
7) Phenol-d6	7.007	99	124040	82.823	ng		-0.02
23) Nitrobenzene-d5	8.987	82	85833	57.063	ng		-0.03
42) 2,4,6-Tribromophenol	15.950	330	82399	104.986	ng		-0.02
45) 2-Fluorobiphenyl	13.082	172	208112	53.608	ng		-0.03
79) Terphenyl-d14	19.821	244	420225	57.480	ng		-0.02
Target Compounds							Qvalue
71) Phenanthrene	17.242	178	57420	7.717	ng		99
75) Fluoranthene	19.257	202	129086	14.754	ng		96
78) Pyrene	19.616	202	131355	13.669	ng		99
81) Benzo(a)anthracene	21.414	228	59739	6.122	ng		92
83) Chrysene	21.472	228	59110	6.310	ng		97
84) Bis(2-ethylhexyl)phtha...	21.337	149	24018	4.414	ng	#	95
87) Indeno(1,2,3-cd)pyrene	27.789	276	43681	3.756	ng	#	62
88) Benzo(b)fluoranthene	23.482	252	80480	8.374	ng	#	97
89) Benzo(k)fluoranthene	23.541	252	33443m	3.415	ng		
90) Benzo(a)pyrene	24.281	252	57298	6.409	ng	#	98
92) Benzo(g,h,i)perylene	28.829	276	45161	4.970	ng		94

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092325\
Data File : BG064437.D
Acq On : 23 Sep 2025 13:18
Operator : RC/JU
Sample : Q3155-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Time: Sep 23 13:53:55 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
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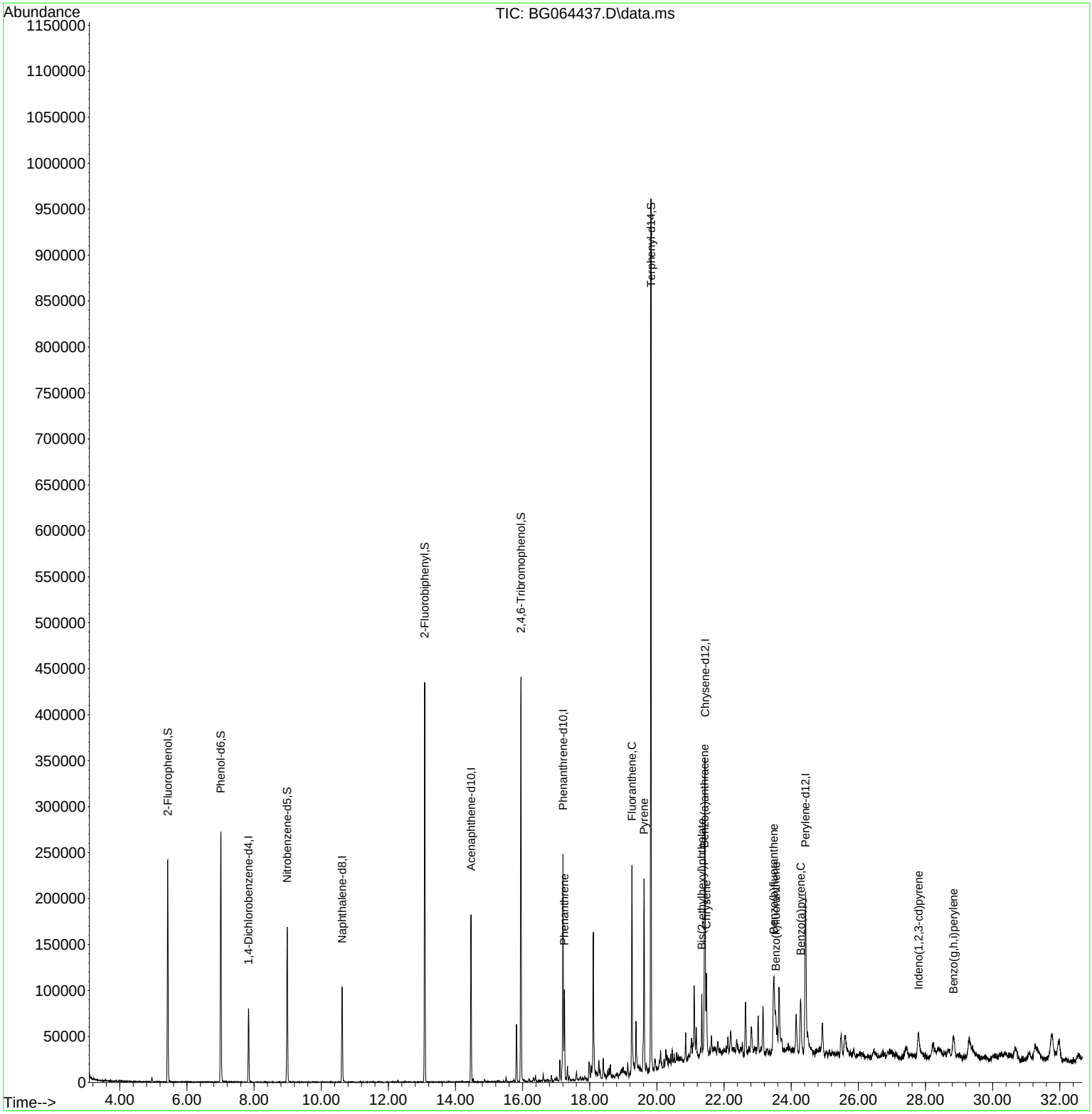
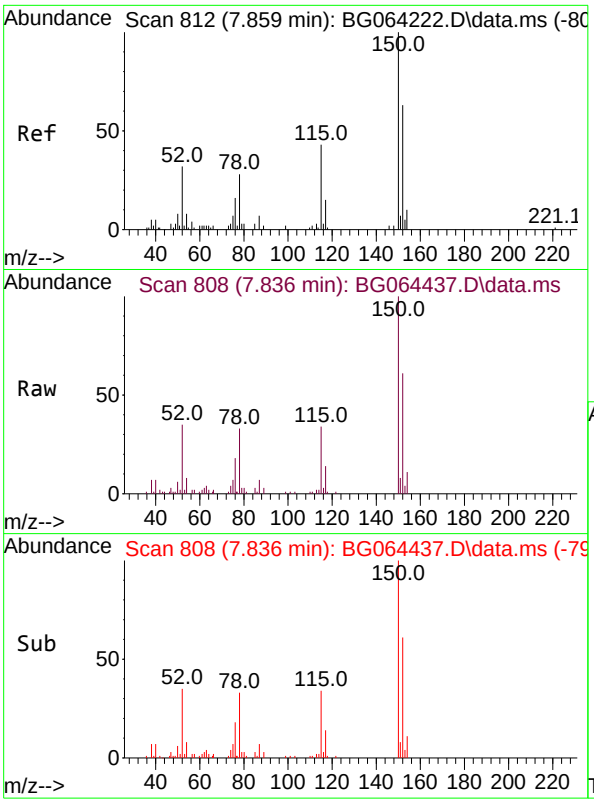


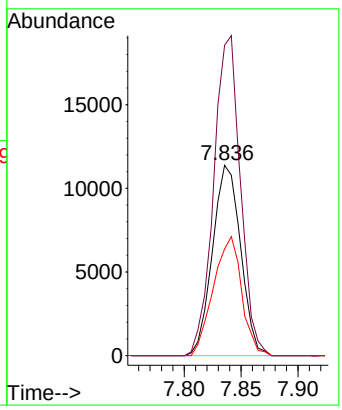


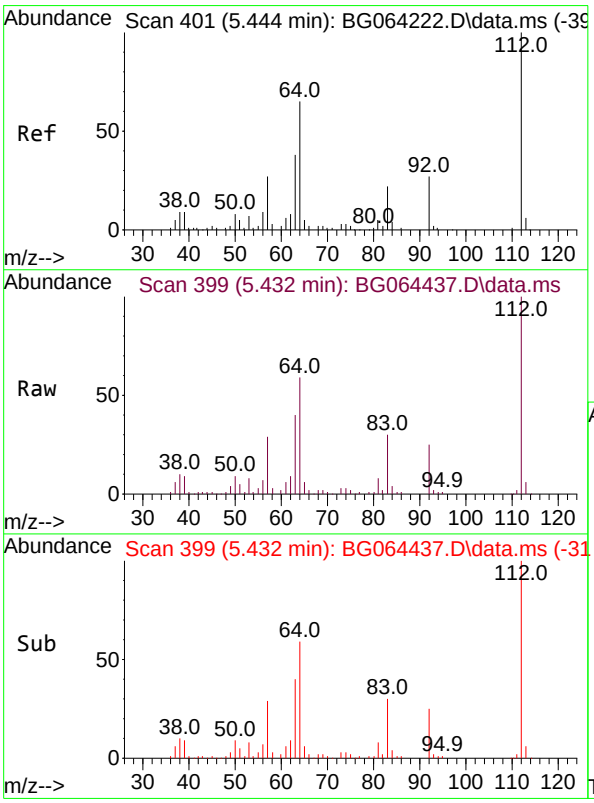
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.836 min Scan# 80
Delta R.T. -0.023 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 19558

Ion	Ratio	Lower	Upper
152	100		
150	163.1	128.0	192.0
115	56.1	55.7	83.5

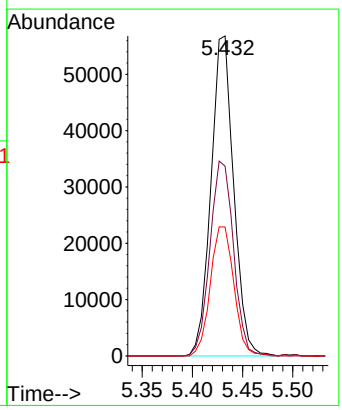


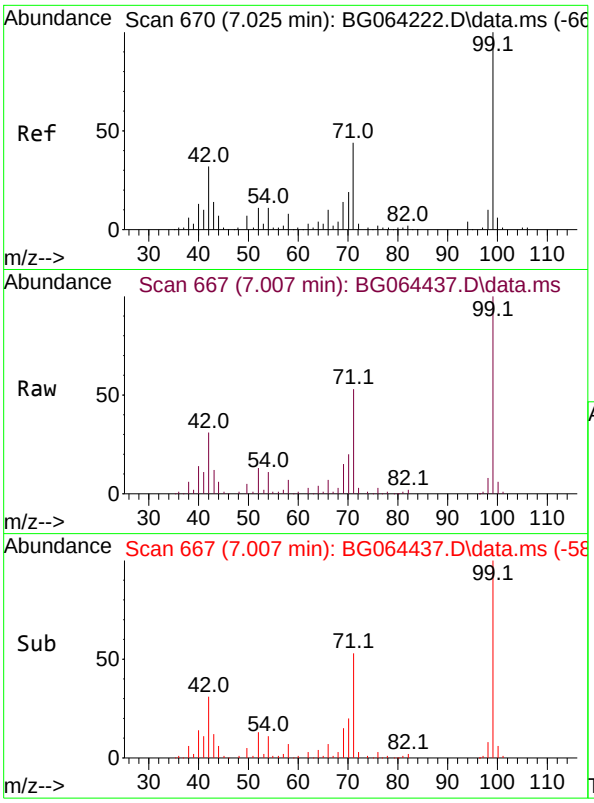


#5
2-Fluorophenol
Concen: 82.128 ng
RT: 5.432 min Scan# 399
Delta R.T. -0.012 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:112 Resp: 89530

Ion	Ratio	Lower	Upper
112	100		
64	59.3	51.8	77.6
63	40.3	30.6	45.8



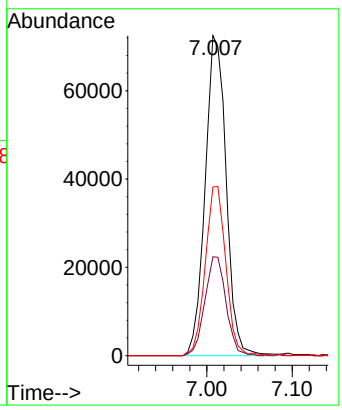


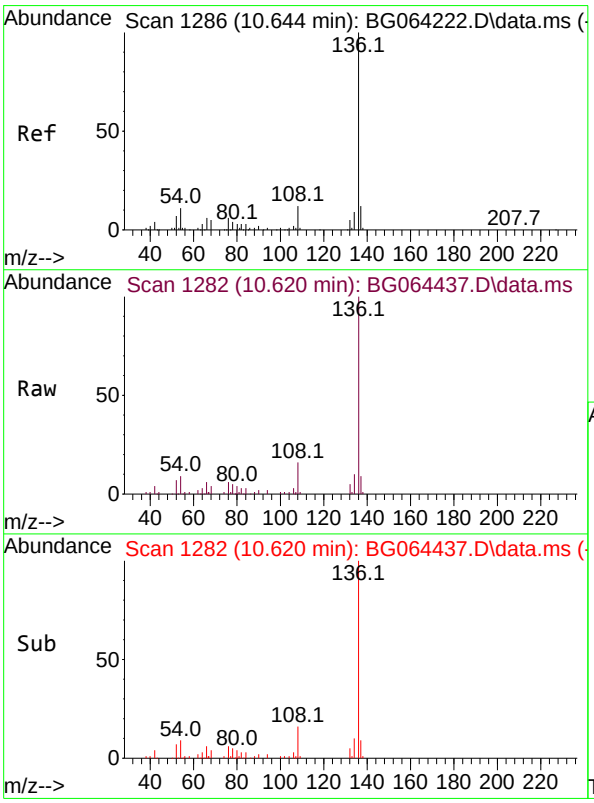
#7
Phenol-d6
Concen: 82.823 ng
RT: 7.007 min Scan# 6
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 124040

Ion	Ratio	Lower	Upper
99	100		
42	30.9	25.8	38.8
71	52.7	35.2	52.8

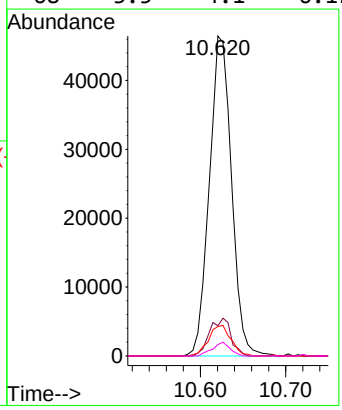


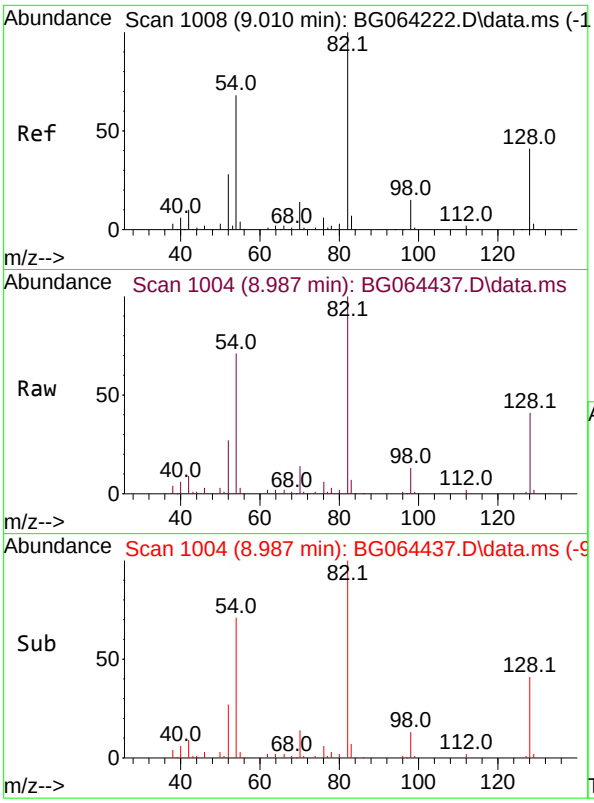


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.030 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:136 Resp: 83888

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.6	14.4#
54	9.2	8.8	13.2
68	3.5	4.1	6.1#



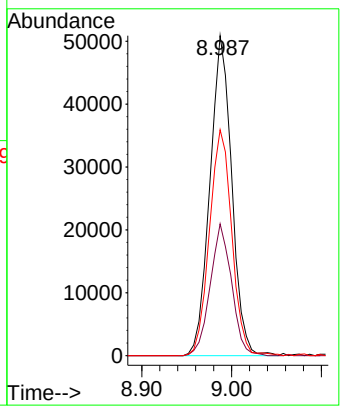


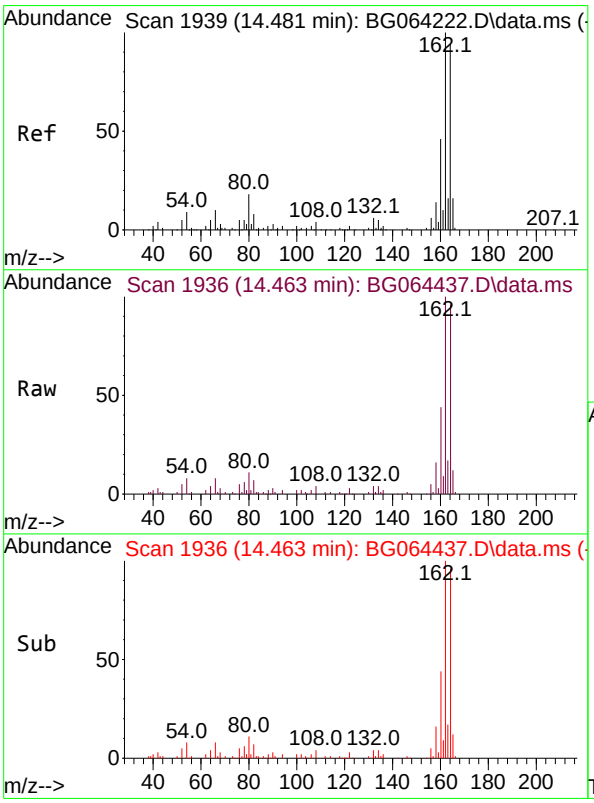
#23
Nitrobenzene-d5
Concen: 57.063 ng
RT: 8.987 min Scan# 1
Delta R.T. -0.029 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 85833

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.6	48.8
54	70.6	54.7	82.1

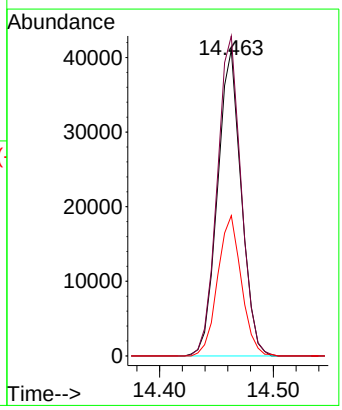


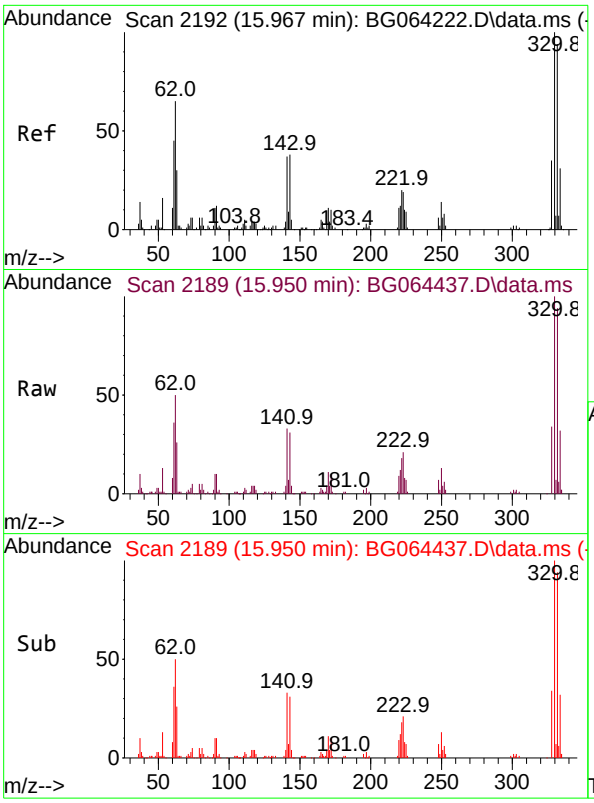


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:164 Resp: 59255

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.0
160	45.8	39.2	58.8



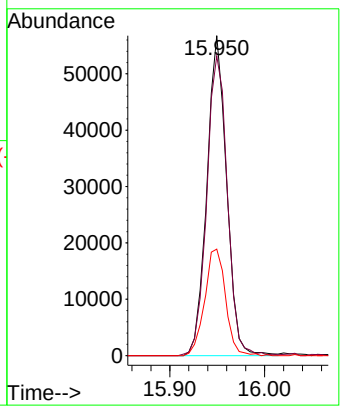


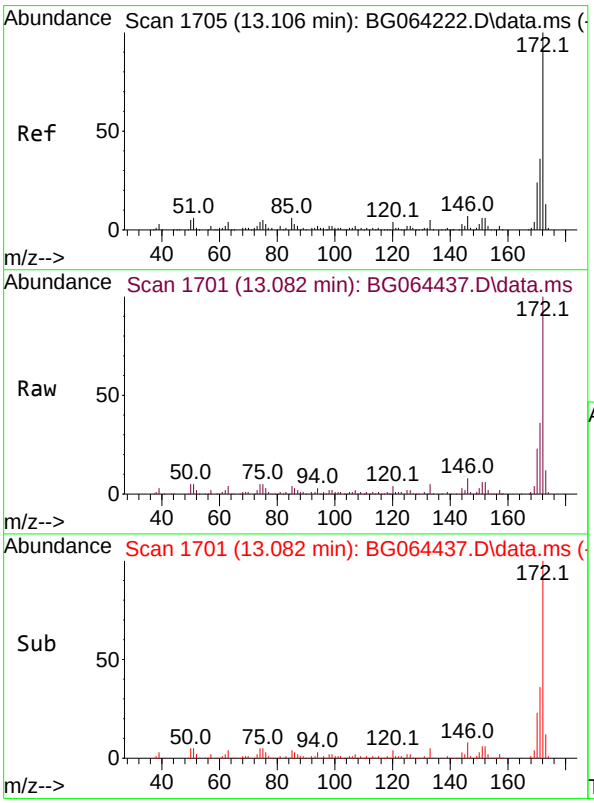
#42
2,4,6-Tribromophenol
Concen: 104.986 ng
RT: 15.950 min Scan# 21
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:330 Resp: 82399

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	35.2	29.8	44.6

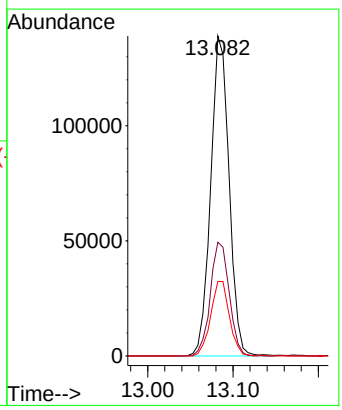


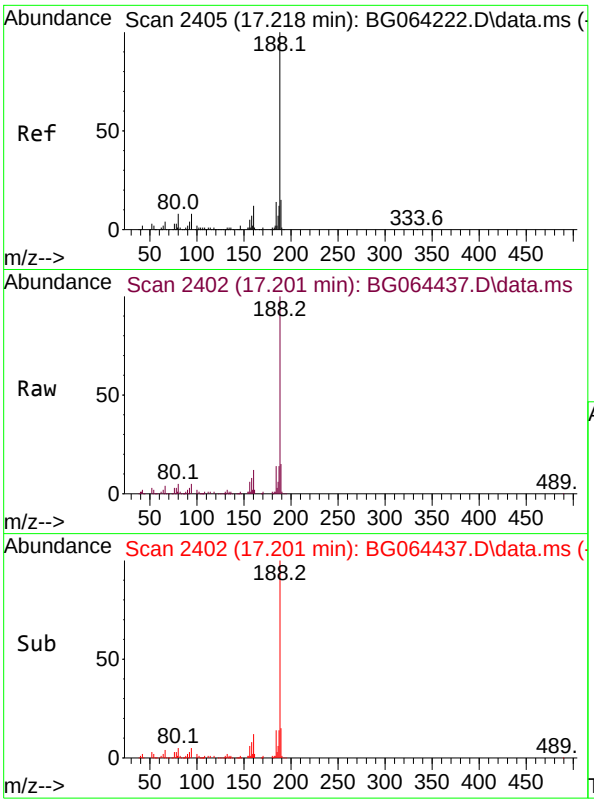


#45
2-Fluorobiphenyl
Concen: 53.608 ng
RT: 13.082 min Scan# 1701
Delta R.T. -0.029 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:172 Resp: 208112

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	23.3	19.0	28.6



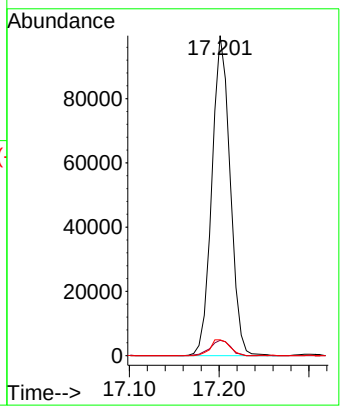


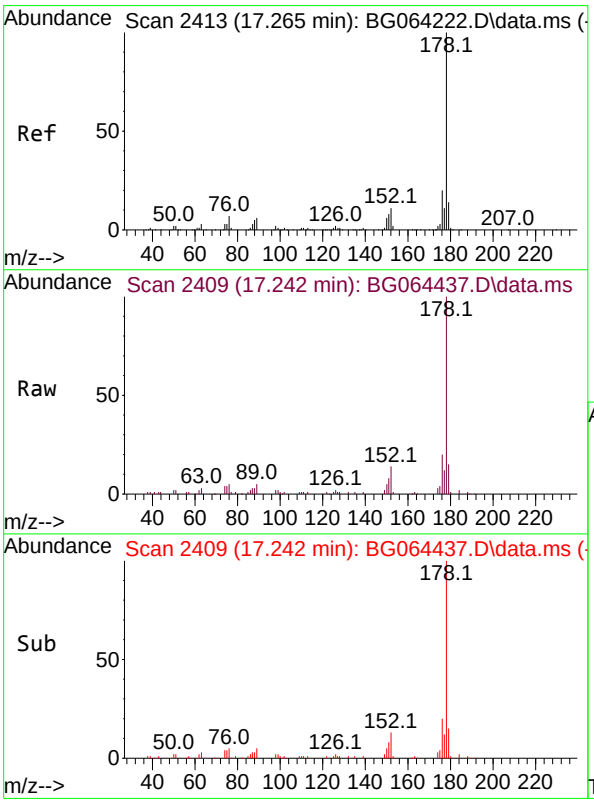
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 141083

Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.2	9.4#
80	4.9	6.8	10.2#

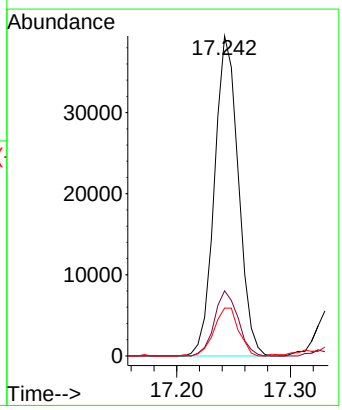


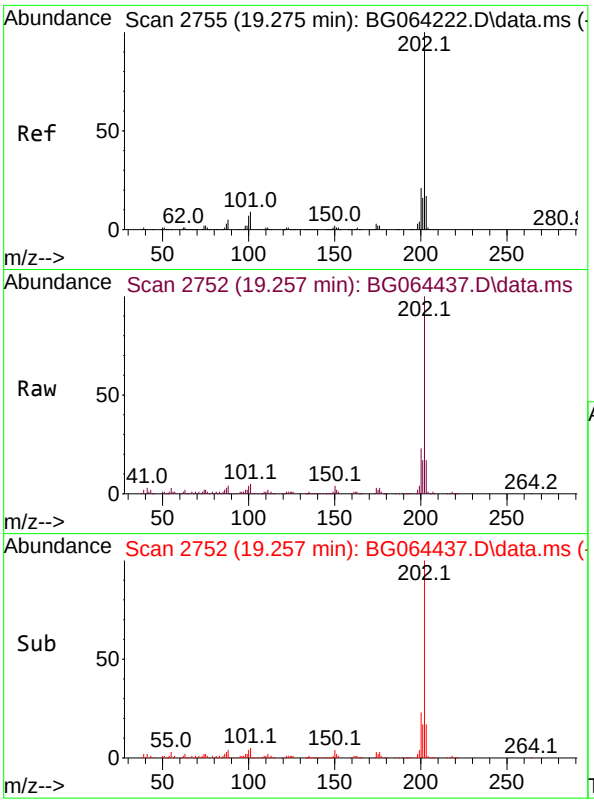


#71
Phenanthrene
Concen: 7.717 ng
RT: 17.242 min Scan# 2409
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:178 Resp: 57420

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	14.9	11.4	17.2



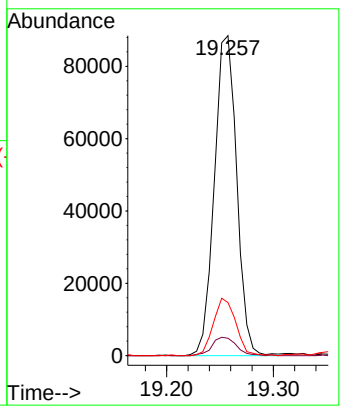


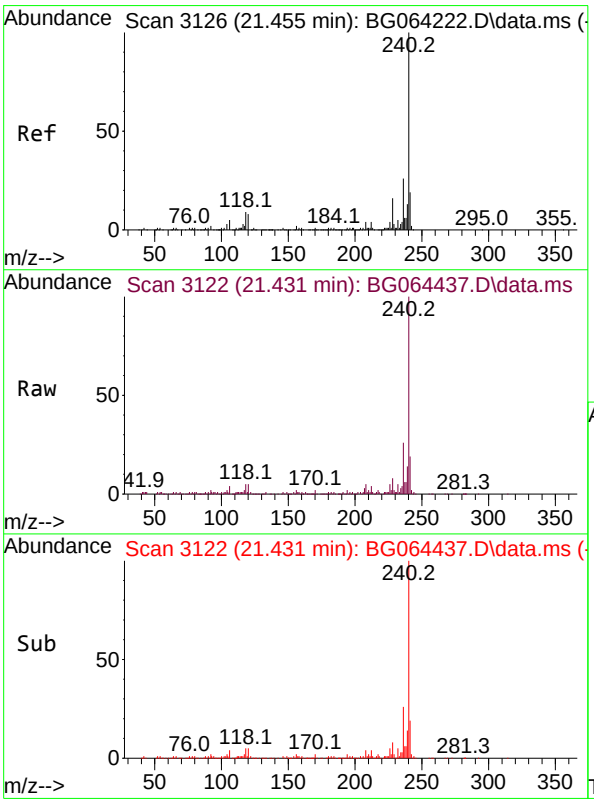
#75
Fluoranthene
Concen: 14.754 ng
RT: 19.257 min Scan# 2
Delta R.T. -0.018 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:202 Resp: 129086

Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	28.7
203	16.6	0.0	36.9

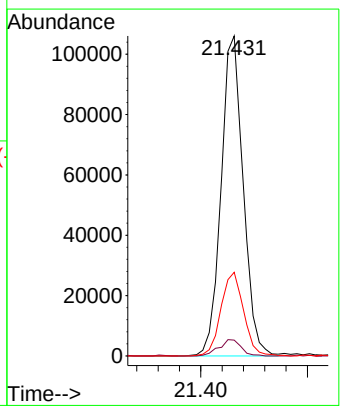


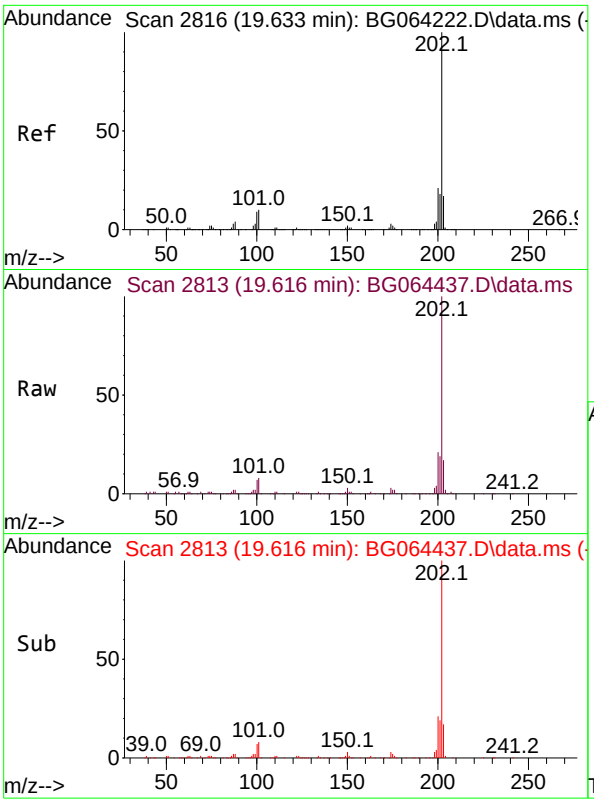


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:240 Resp: 152528

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.2	9.4#
236	26.1	20.5	30.7



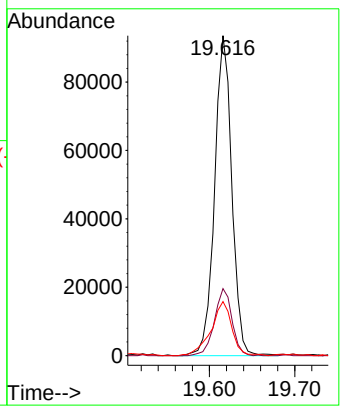


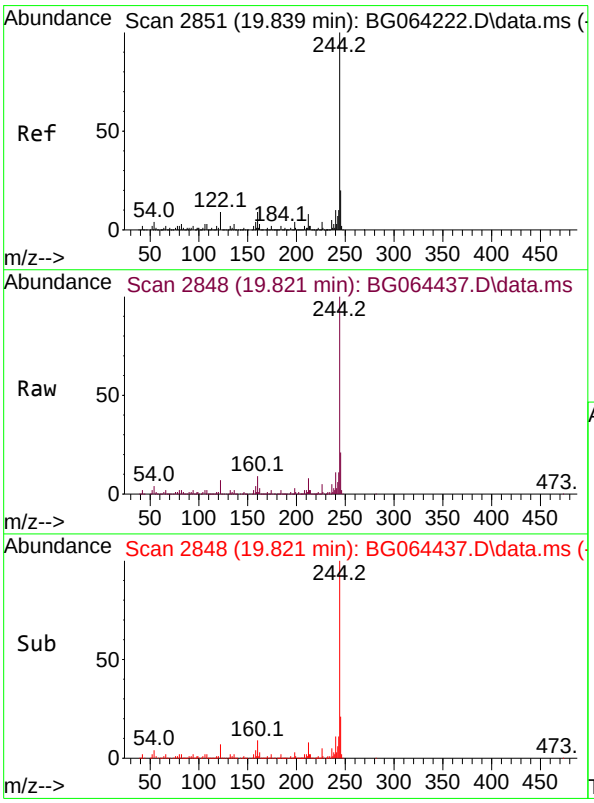
#78
Pyrene
Concen: 13.669 ng
RT: 19.616 min Scan# 2
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:202 Resp: 131355

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	16.9	13.8	20.8

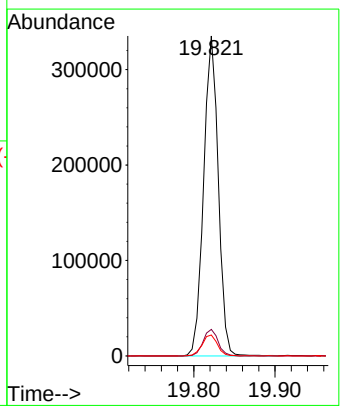


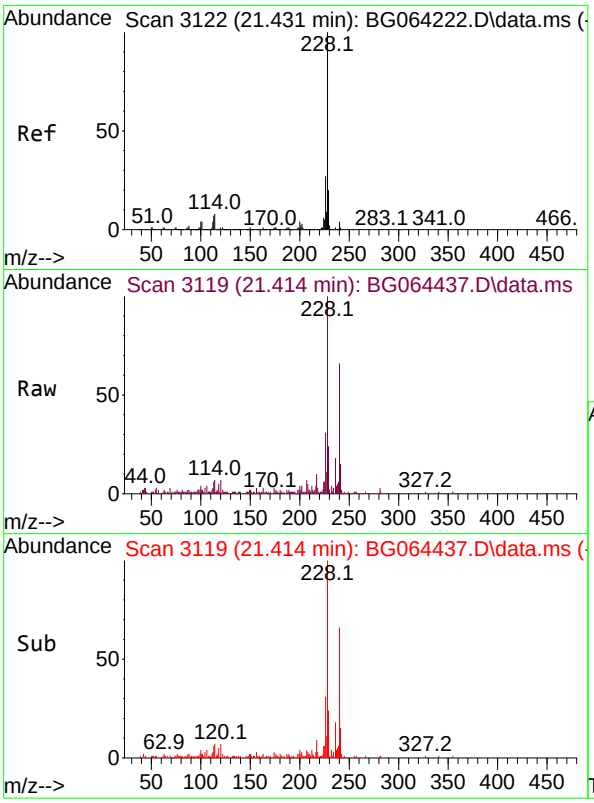


#79
Terphenyl-d14
Concen: 57.480 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:244 Resp: 420225

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	6.5	7.0	10.6#



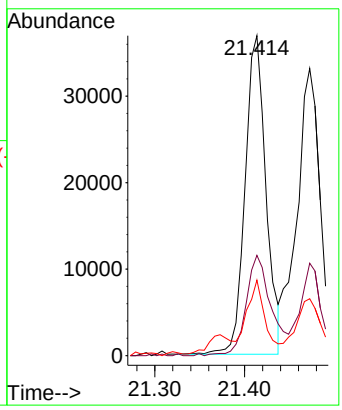


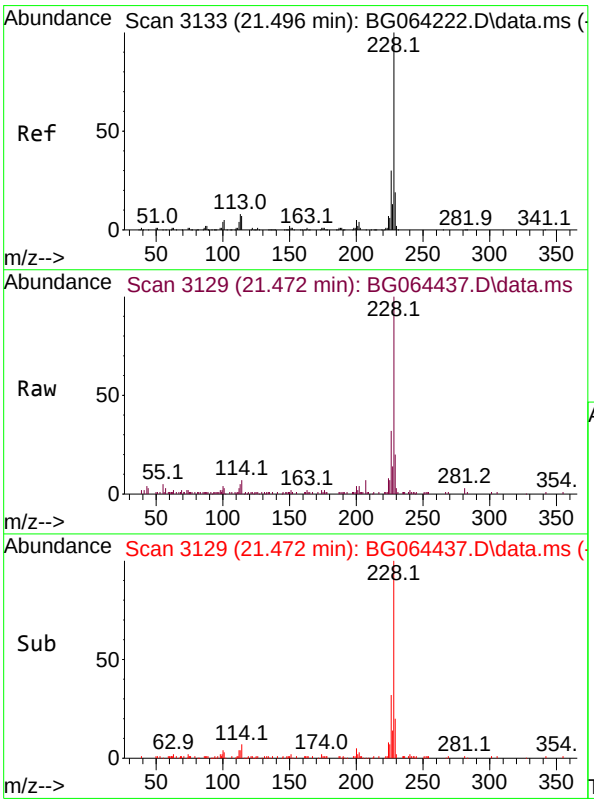
#81
Benzo(a)anthracene
Concen: 6.122 ng
RT: 21.414 min Scan# 3
Delta R.T. -0.024 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:228 Resp: 59739

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.7	32.5
229	23.6	15.9	23.9

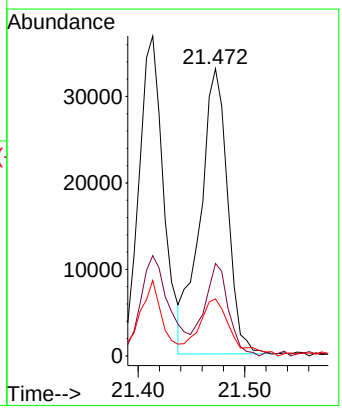


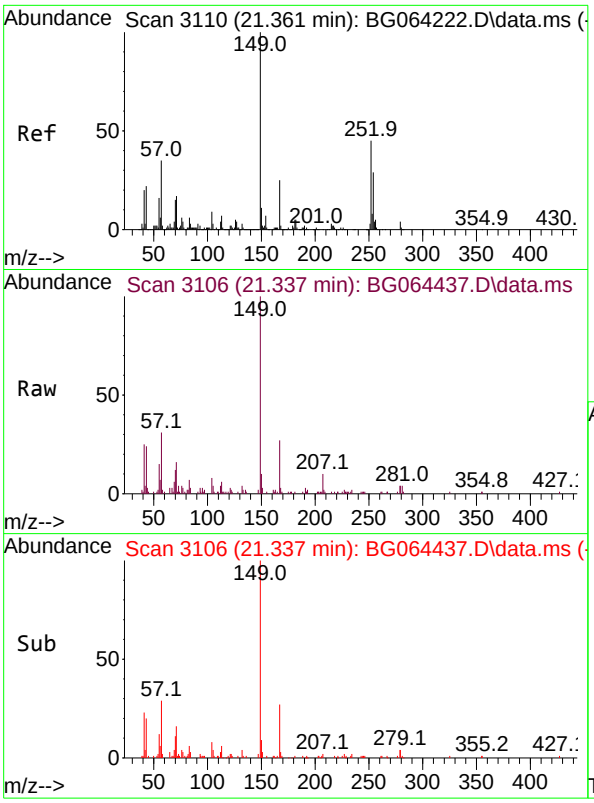


#83
Chrysene
Concen: 6.310 ng
RT: 21.472 min Scan# 3129
Delta R.T. -0.030 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:228 Resp: 59110

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.2	36.2
229	19.8	15.4	23.2



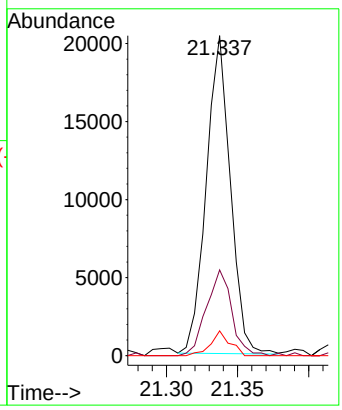


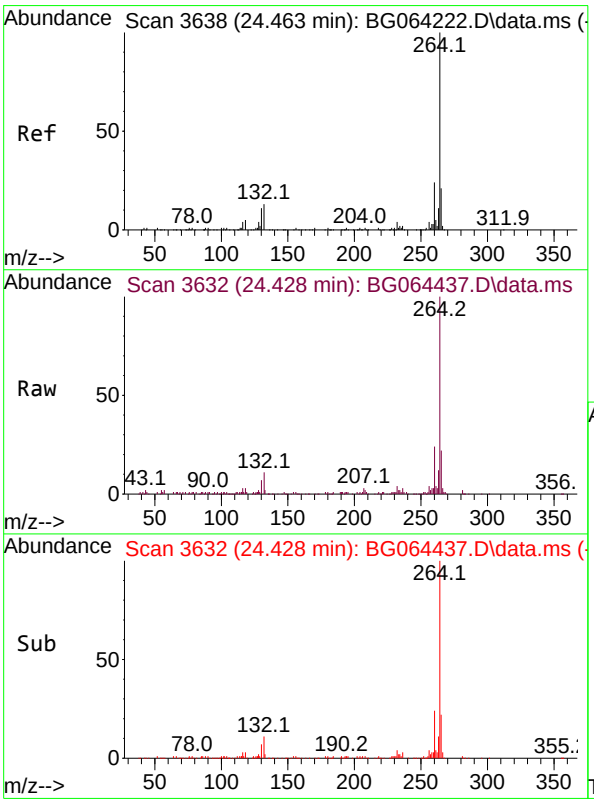
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.414 ng
RT: 21.337 min Scan# 3
Delta R.T. -0.029 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:149 Resp: 24018

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.0	30.0
279	7.7	3.0	4.4#

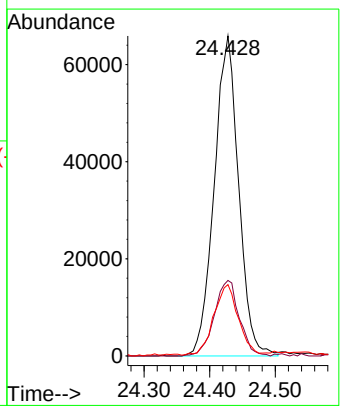


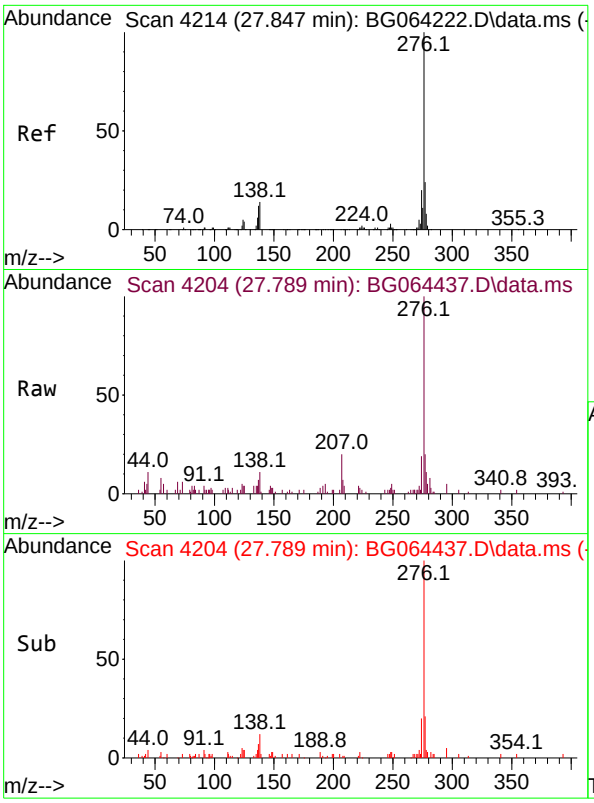


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.428 min Scan# 3632
Delta R.T. -0.035 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:264 Resp: 170295

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.3	16.7	25.1



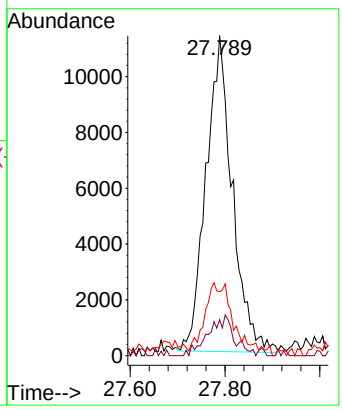


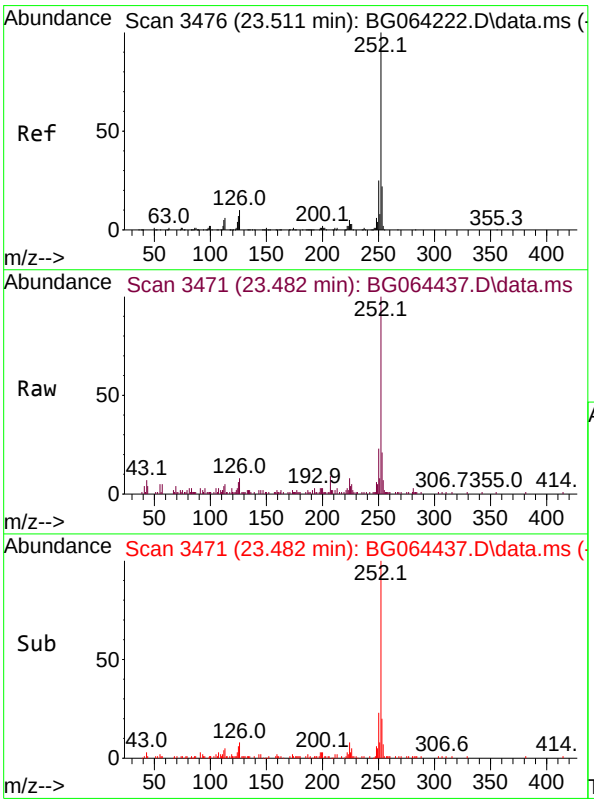
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.756 ng
RT: 27.789 min Scan# 4
Delta R.T. -0.082 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:276 Resp: 43681

Ion	Ratio	Lower	Upper
276	100		
138	10.9	7.4	11.0
277	0.0	20.5	30.7#

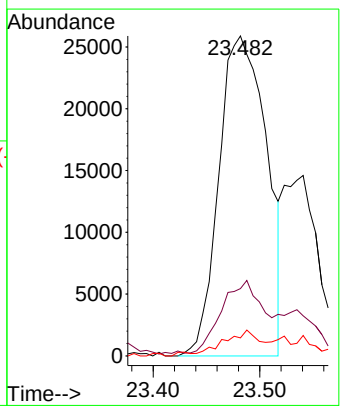


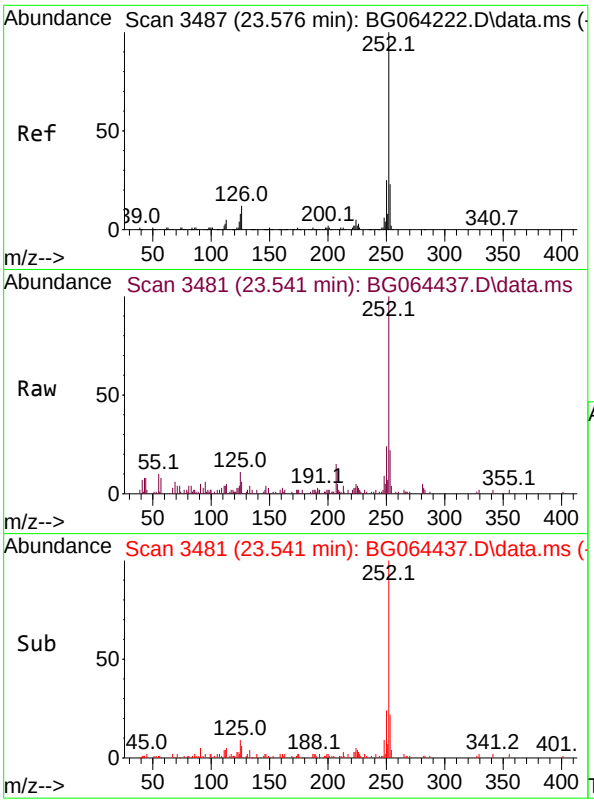


#88
Benzo(b)fluoranthene
Concen: 8.374 ng
RT: 23.482 min Scan# 3471
Delta R.T. -0.035 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:252 Resp: 80480

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	5.6	5.9	8.9#



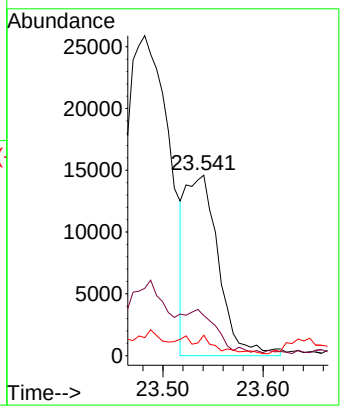


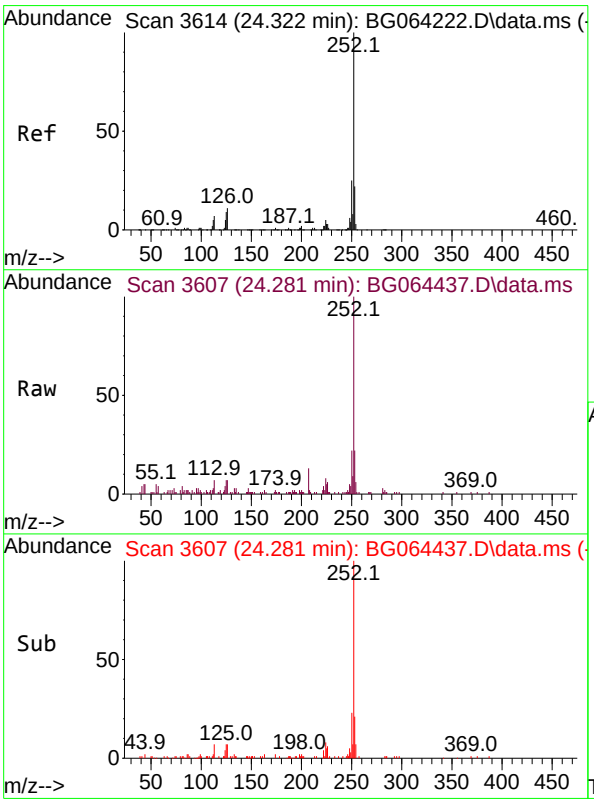
#89
Benzo(k)fluoranthene
Concen: 3.415 ng m
RT: 23.541 min Scan# 34
Delta R.T. -0.047 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:252 Resp: 33443

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.4	7.0	10.4#

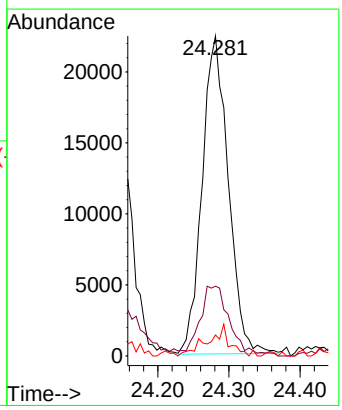


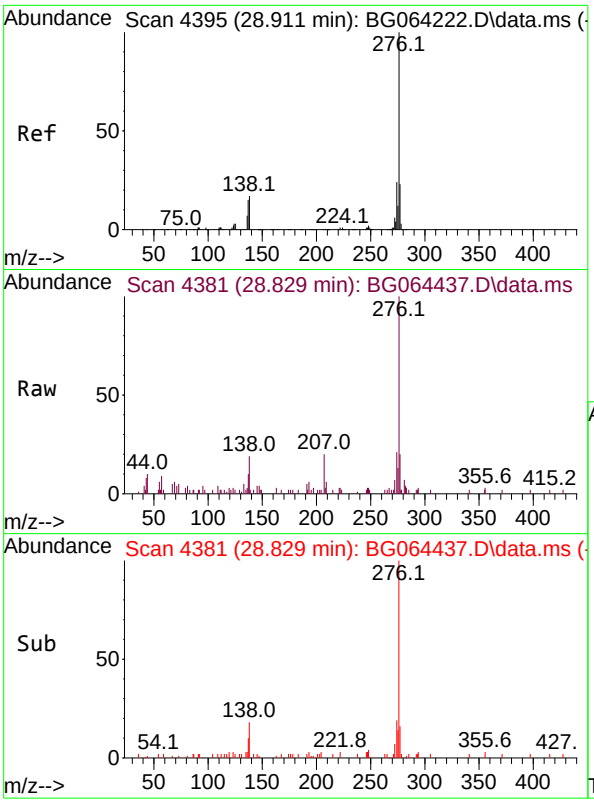


#90
Benzo(a)pyrene
Concen: 6.409 ng
RT: 24.281 min Scan# 3607
Delta R.T. -0.047 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Tgt Ion:252 Resp: 57298

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	6.5	7.0	10.6#





#92
Benzo(g,h,i)perylene
Concen: 4.970 ng
RT: 28.829 min Scan# 4
Delta R.T. -0.106 min
Lab File: BG064437.D
Acq: 23 Sep 2025 13:18

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:276 Resp: 45161

Ion	Ratio	Lower	Upper
276	100		
277	19.6	18.2	27.4
138	19.3	13.3	19.9