Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064555.D
Acq On : 20 Oct 2025 18:46
Operator : RC/JU
Sample : Q3381-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR200059

Quant Time: Oct 21 00:41:04 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	7.820	152	15158	20.000	ng	# 0.00
21) Naphthalene-d8	10.605	136	60181	20.000	ng	0.00
39) Acenaphthene-d10	14.448	164	43349	20.000	ng	0.00
64) Phenanthrene-d10	17.191	188	98887	20.000	ng	0.00
76) Chrysene-d12	21.416	240	108136	20.000	ng	0.00
86) Perylene-d12	24.407	264	123710	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	40916	49.955	ng	0.01
7) Phenol-d6	7.003	99	60383	54.860	ng	0.02
23) Nitrobenzene-d5	8.972	82	42948	38.373	ng	0.00
42) 2,4,6-Tribromophenol	15.940	330	44913	57.159	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	112965	38.412	ng	0.00
79) Terphenyl-d14	19.806	244	212072	37.115	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.978	70	6078	8.257	ng	# 57
51) 2,6-Dinitrotoluene	14.448	165	6074	8.588	ng	# 12
57) 2,4-Dinitrotoluene	14.448	165	6074	5.618	ng	# 21
63) Azobenzene	15.805	77	10578	3.750	ng	# 8
67) 4-Bromophenyl-phenylether	15.946	248	2946	2.532	ng	# 1
71) Phenanthrene	17.233	178	19594	3.789	ng	95
75) Fluoranthene	19.242	202	72345	11.710	ng	100
78) Pyrene	19.606	202	64760	9.228	ng	94
81) Benzo(a)anthracene	21.398	228	46190	6.690	ng	99
83) Chrysene	21.457	228	42942	6.558	ng	97
84) Bis(2-ethylhexyl)phtha...	21.316	149	12413	3.536	ng	# 85
87) Indeno(1,2,3-cd)pyrene	27.761	276	39103	4.541	ng	# 72
88) Benzo(b)fluoranthene	23.466	252	72017	10.233	ng	# 98
89) Benzo(k)fluoranthene	23.466	252	72017	10.160	ng	# 98
90) Benzo(a)pyrene	24.265	252	46538	7.175	ng	# 95
92) Benzo(g,h,i)perylene	28.801	276	35048	5.237	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064555.D
Acq On : 20 Oct 2025 18:46
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Sample : Q3381-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

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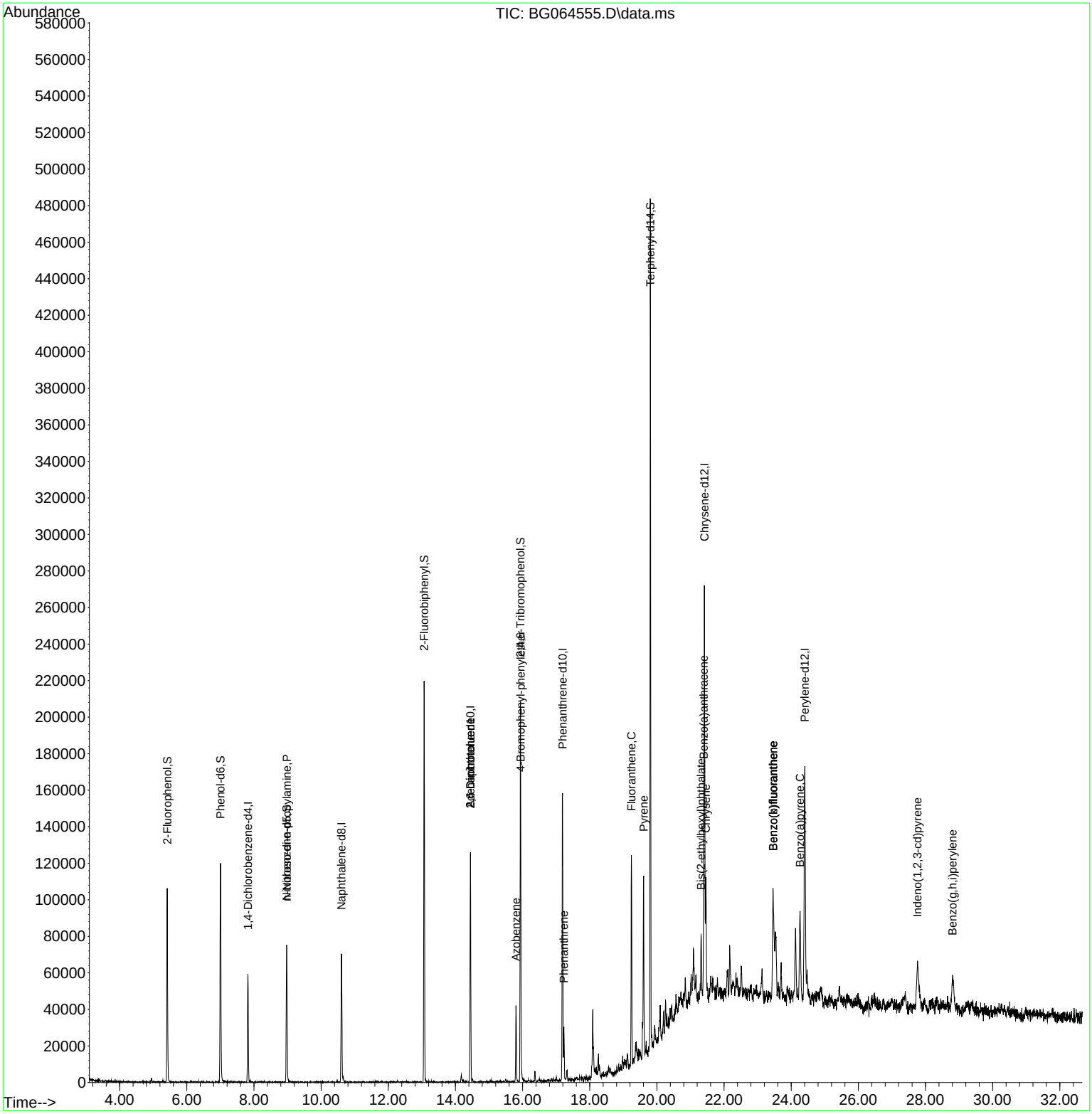
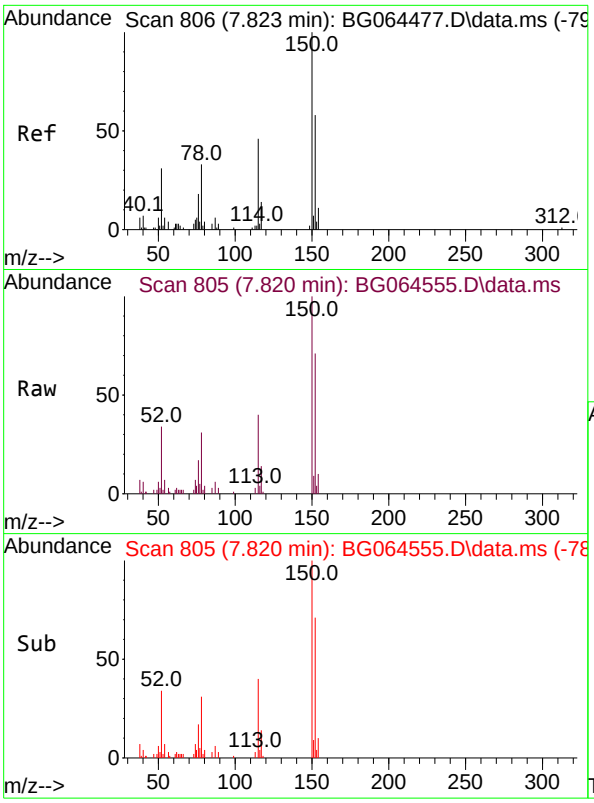
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



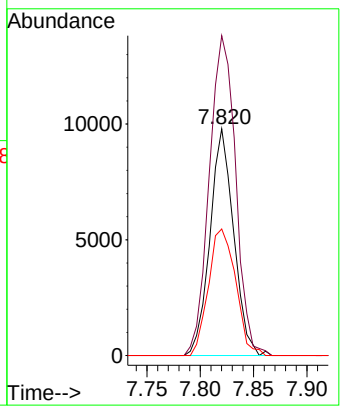


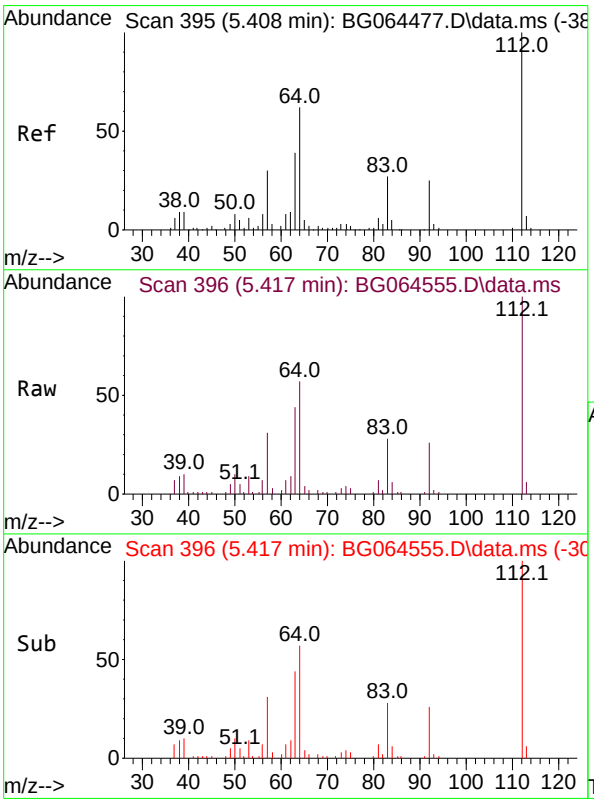
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.820 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:152 Resp: 15158

Ion	Ratio	Lower	Upper
152	100		
150	141.1	138.6	207.8
115	55.8	63.4	95.2#

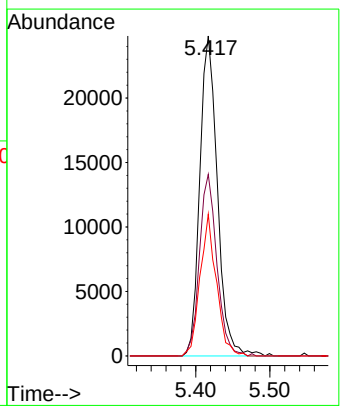


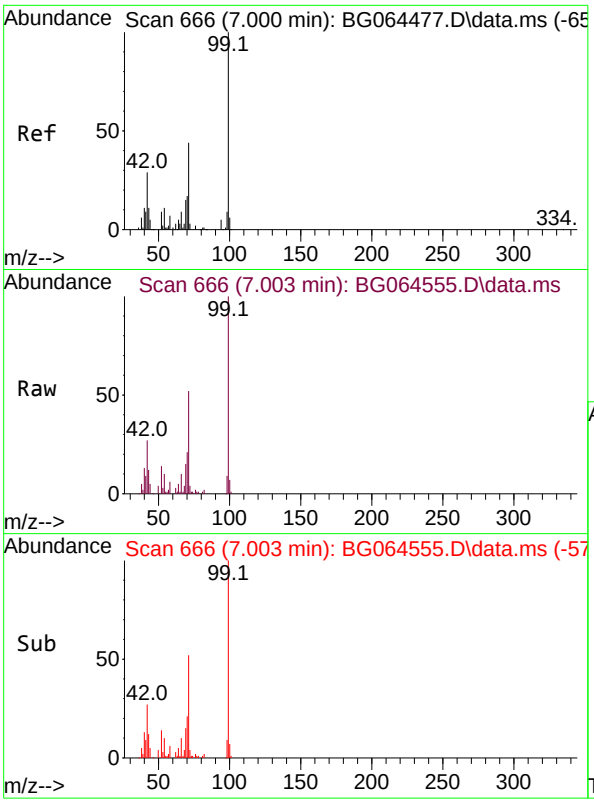


#5
2-Fluorophenol
Concen: 49.955 ng
RT: 5.417 min Scan# 396
Delta R.T. 0.011 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:112 Resp: 40916

Ion	Ratio	Lower	Upper
112	100		
64	56.7	49.8	74.8
63	44.3	31.3	46.9



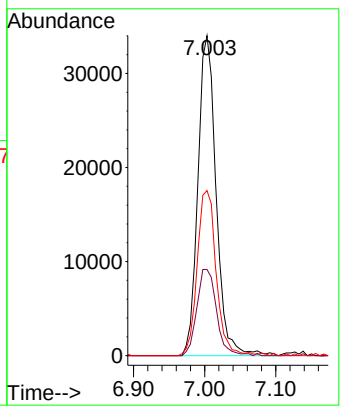


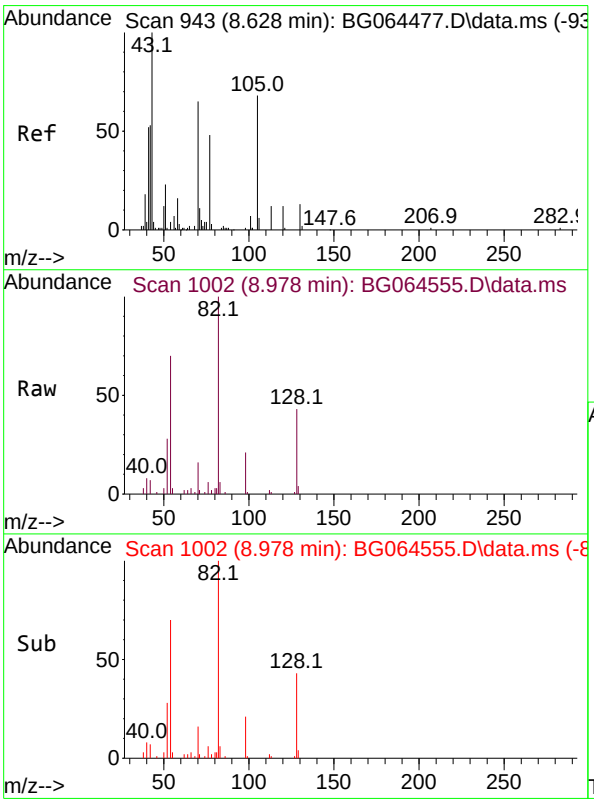
#7
Phenol-d6
Concen: 54.860 ng
RT: 7.003 min Scan# 6
Delta R.T. 0.017 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion: 99 Resp: 60383

Ion	Ratio	Lower	Upper
99	100		
42	26.9	22.9	34.3
71	51.6	35.4	53.2

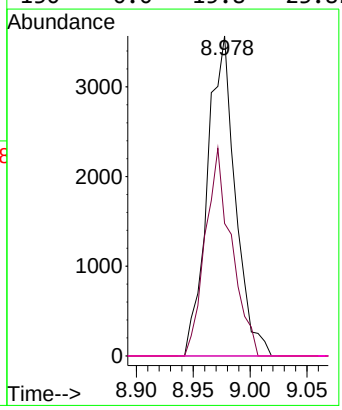


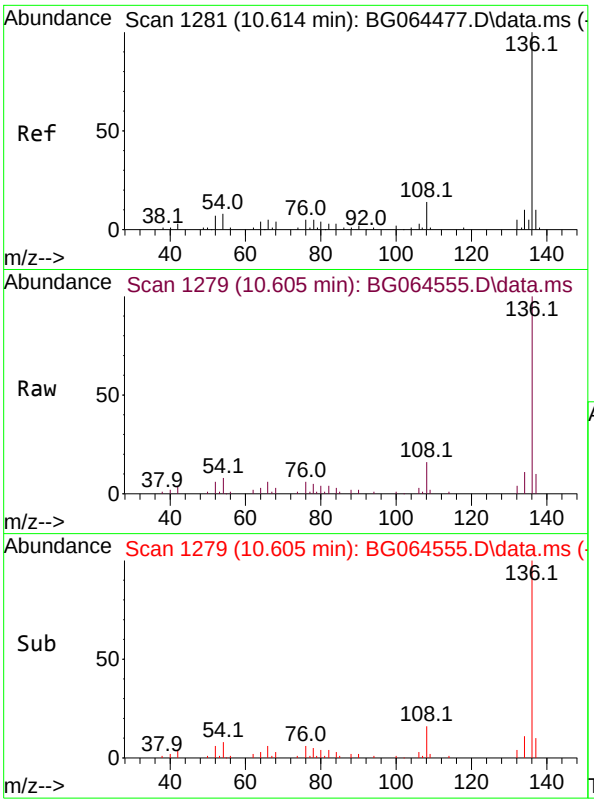


#19
n-Nitroso-di-n-propylamine
Concen: 8.257 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.364 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion: 70 Resp: 6078

Ion	Ratio	Lower	Upper
70	100		
42	41.4	64.9	97.3#
101	0.0	8.7	13.1#
130	0.0	15.8	23.8#



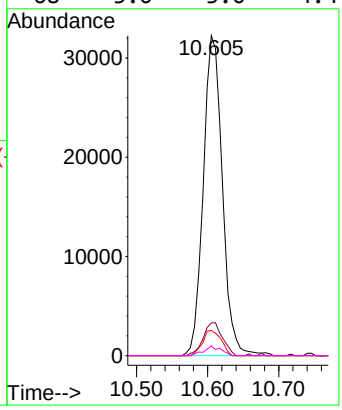


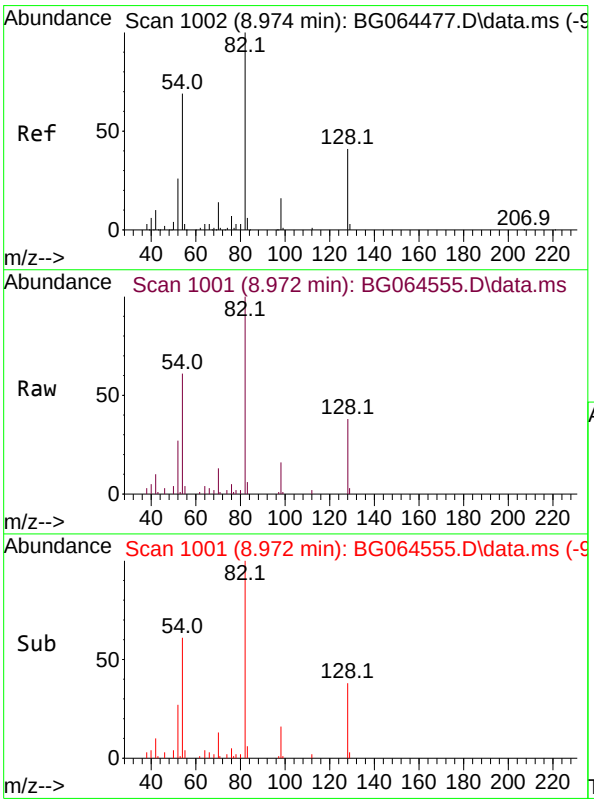
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:136 Resp: 60181

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.3	12.5
54	7.9	6.2	9.4
68	3.0	3.0	4.4

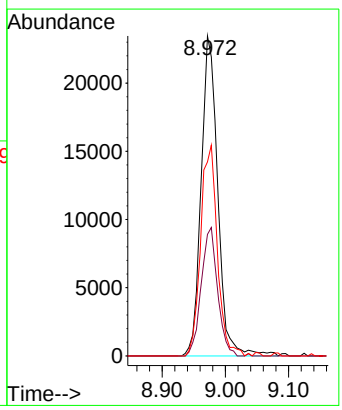


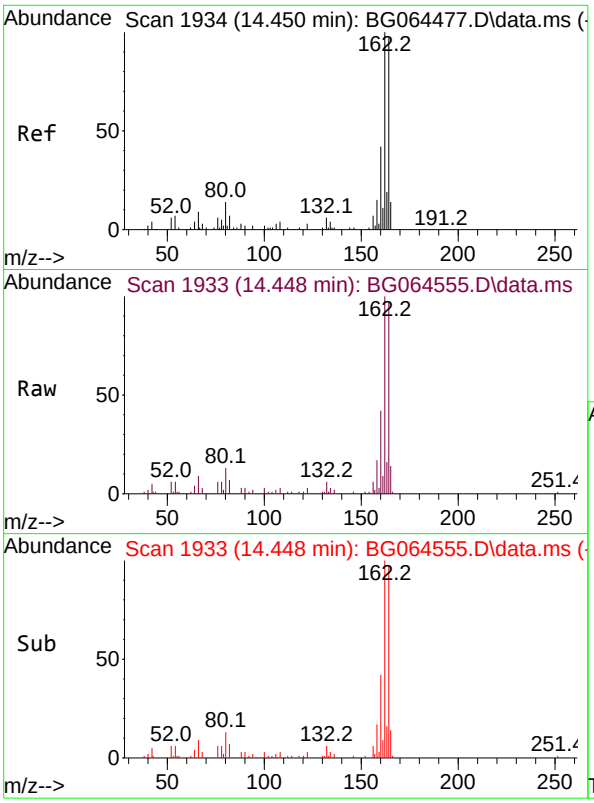


#23
Nitrobenzene-d5
Concen: 38.373 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.005 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion: 82 Resp: 42948

Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.1	49.7
54	60.6	55.4	83.2



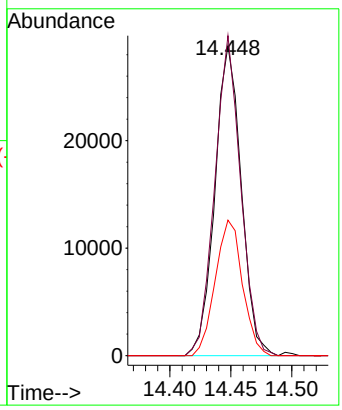


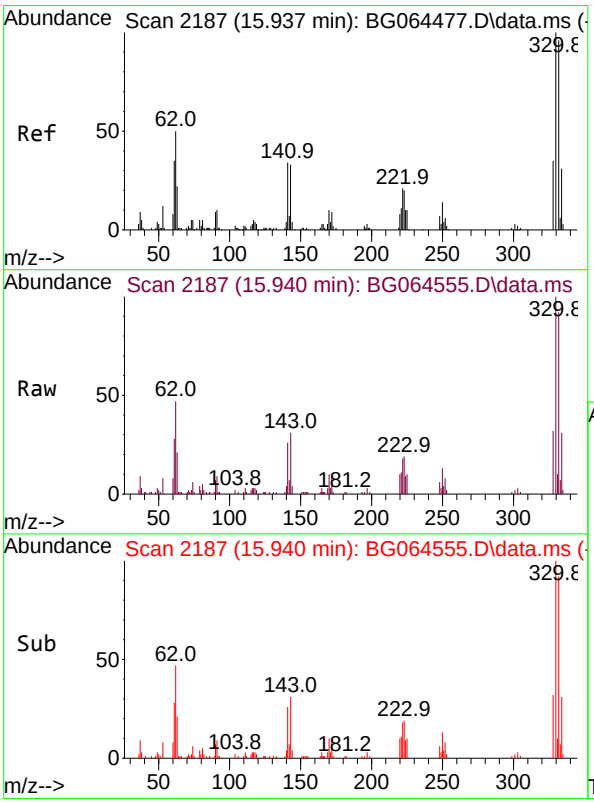
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.448 min Scan# 19
Delta R.T. -0.000 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:164 Resp: 43349

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	43.7	34.3	51.5

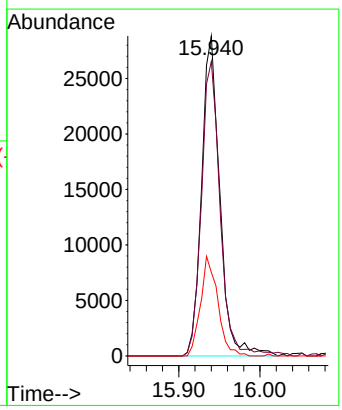


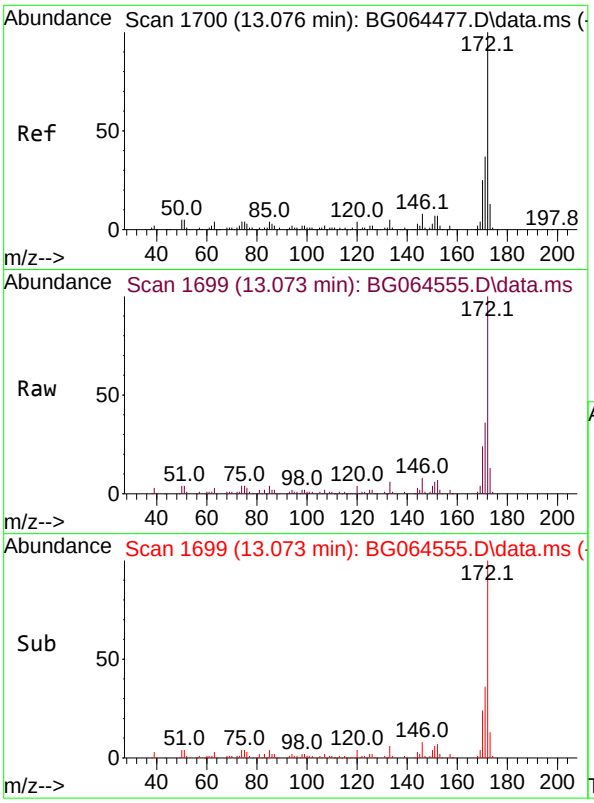


#42
2,4,6-Tribromophenol
Concen: 57.159 ng
RT: 15.940 min Scan# 2187
Delta R.T. 0.005 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:330 Resp: 44913

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	29.5	25.8	38.6



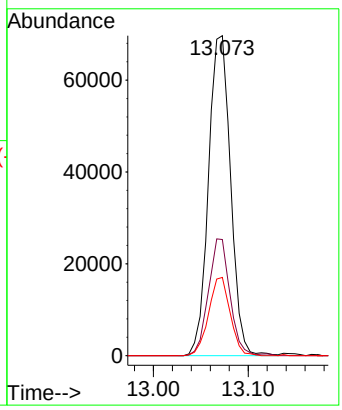


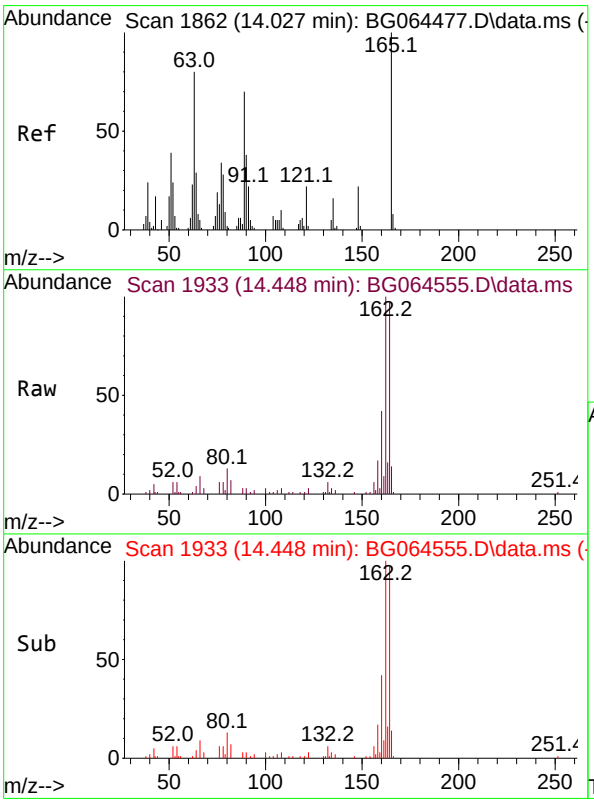
#45
2-Fluorobiphenyl
Concen: 38.412 ng
RT: 13.073 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:172 Resp: 112965

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.4	20.2	30.2

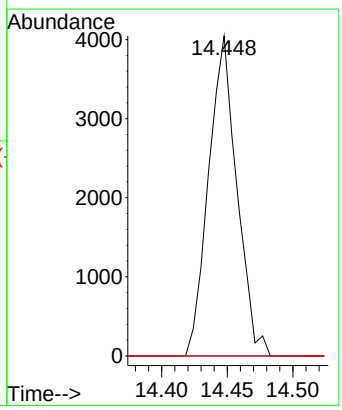


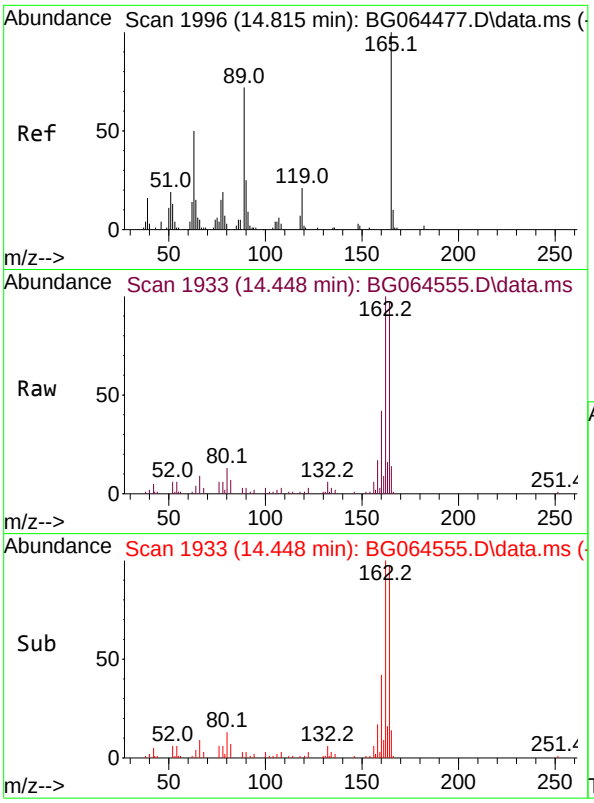


#51
2,6-Dinitrotoluene
Concen: 8.588 ng
RT: 14.448 min Scan# 1933
Delta R.T. 0.429 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:165 Resp: 6074

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



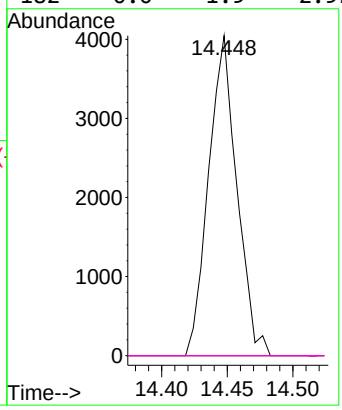


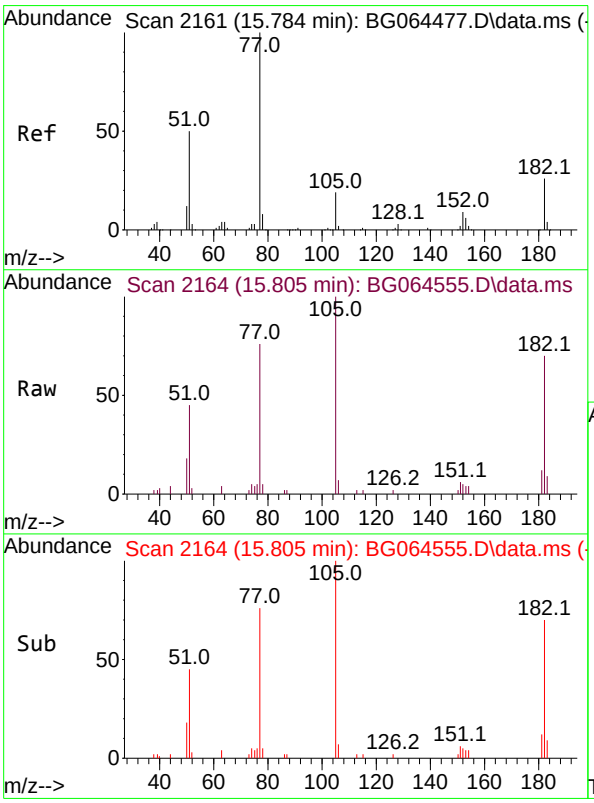
#57
2,4-Dinitrotoluene
Concen: 5.618 ng
RT: 14.448 min Scan# 19
Delta R.T. -0.365 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:165 Resp: 6074

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	0.0	57.3	85.9#
182	0.0	1.9	2.9#

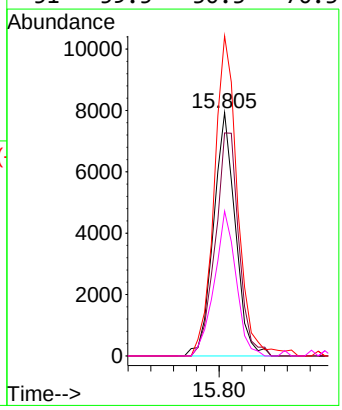


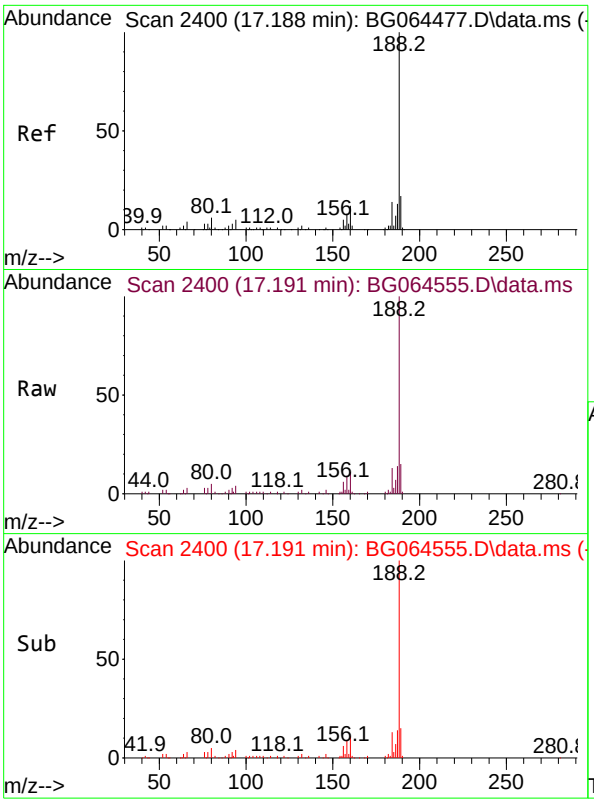


#63
Azobenzene
Concen: 3.750 ng
RT: 15.805 min Scan# 2164
Delta R.T. 0.023 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion: 77 Resp: 10578

Ion	Ratio	Lower	Upper
77	100		
182	91.6	6.3	46.3#
105	131.5	0.0	38.7#
51	59.5	30.3	70.3



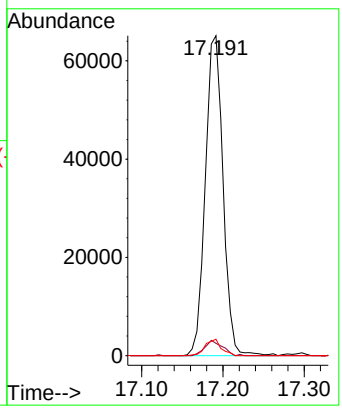


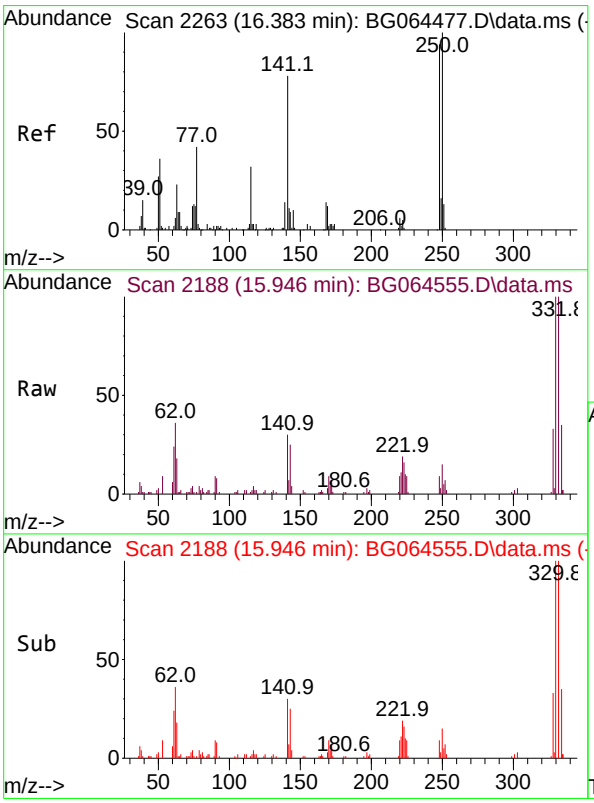
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.191 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:188 Resp: 98887

Ion	Ratio	Lower	Upper
188	100		
94	3.8	3.7	5.5
80	5.1	4.5	6.7

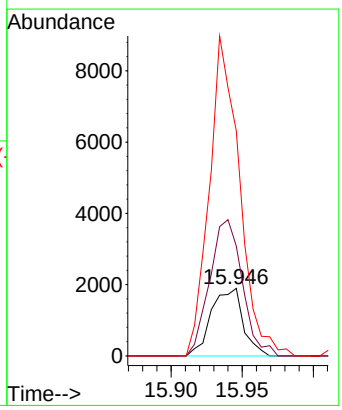


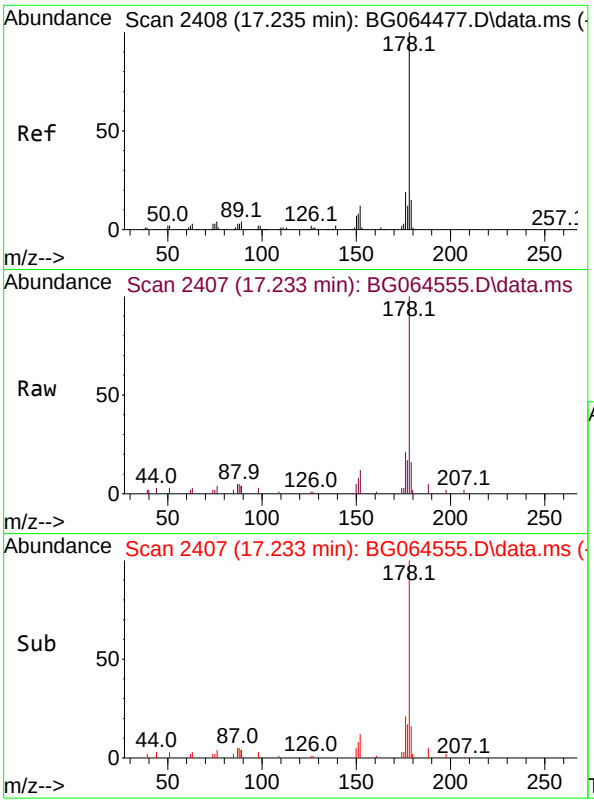


#67
4-Bromophenyl-phenylether
Concen: 2.532 ng
RT: 15.946 min Scan# 2188
Delta R.T. -0.435 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:248 Resp: 2946

Ion	Ratio	Lower	Upper
248	100		
250	162.9	85.3	127.9#
141	333.7	66.2	99.2#



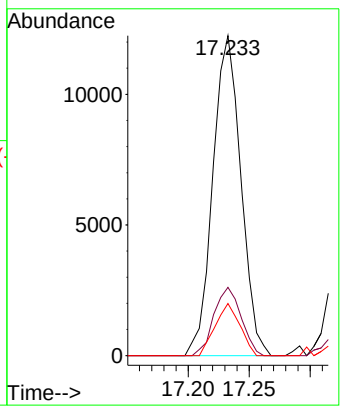


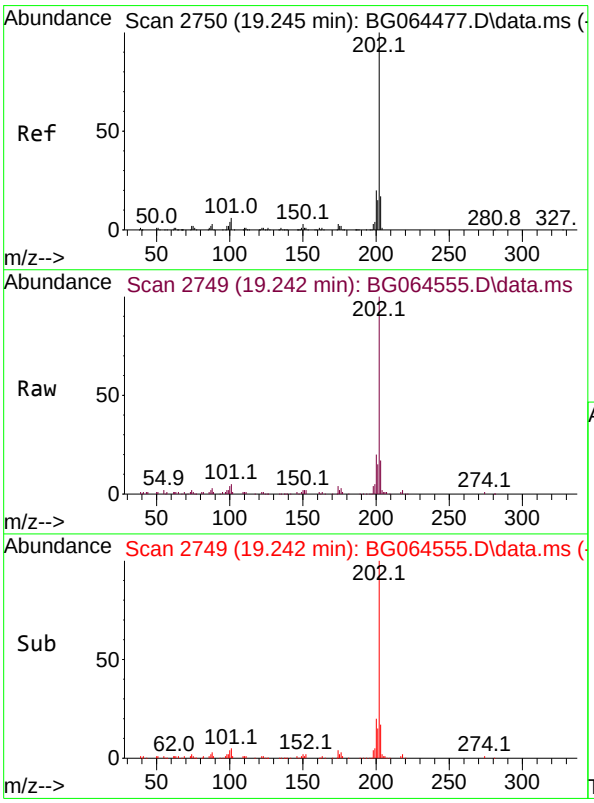
#71
Phenanthrene
Concen: 3.789 ng
RT: 17.233 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:178 Resp: 19594

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.2	22.8
179	16.3	11.8	17.6

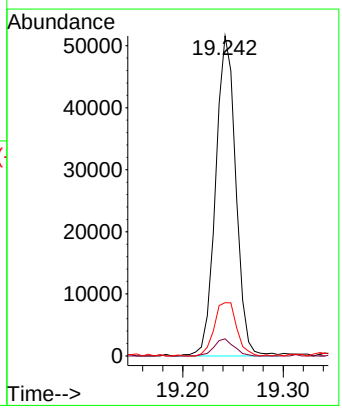


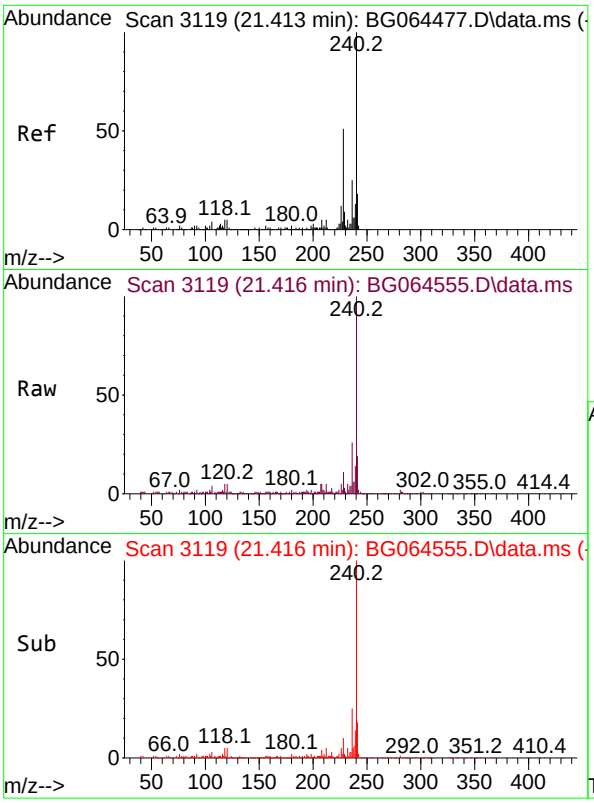


#75
Fluoranthene
Concen: 11.710 ng
RT: 19.242 min Scan# 2749
Delta R.T. 0.005 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:202 Resp: 72345

Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	25.7
203	16.6	0.0	36.6



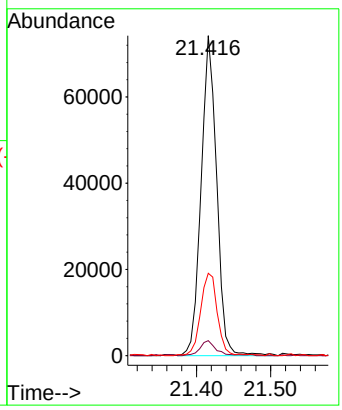


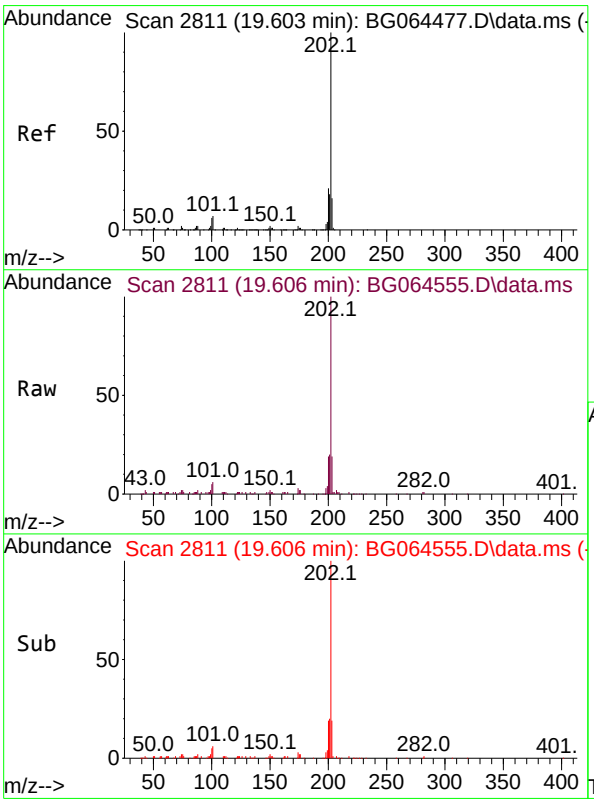
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:240 Resp: 108136

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.3	6.5
236	25.7	20.4	30.6

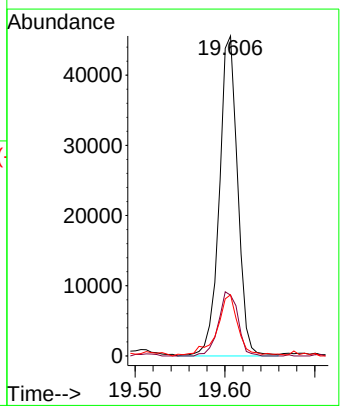


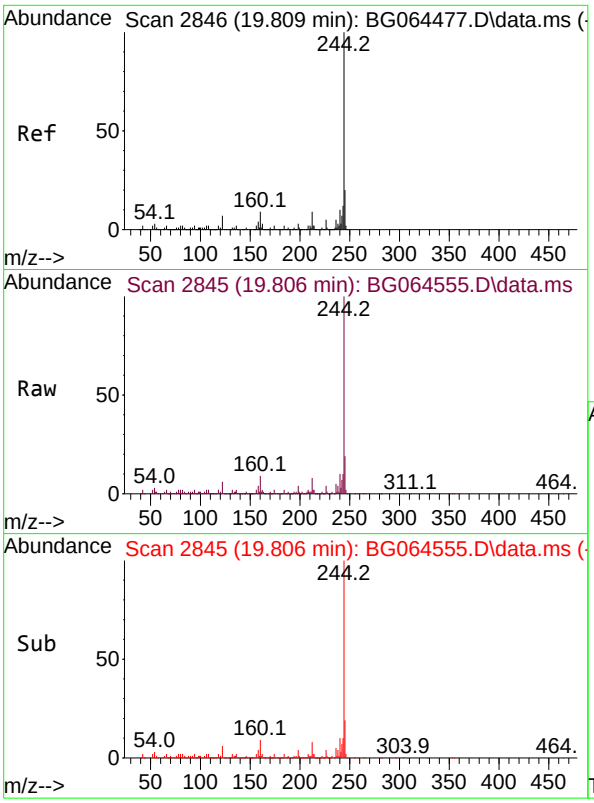


#78
Pyrene
Concen: 9.228 ng
RT: 19.606 min Scan# 2811
Delta R.T. 0.005 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:202 Resp: 64760

Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.0	25.4
203	19.1	13.0	19.4



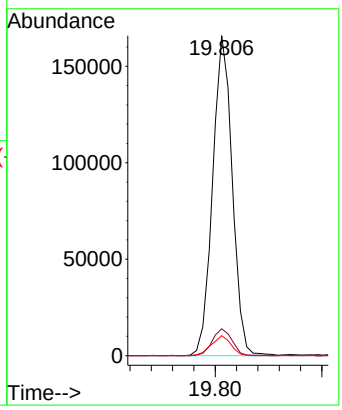


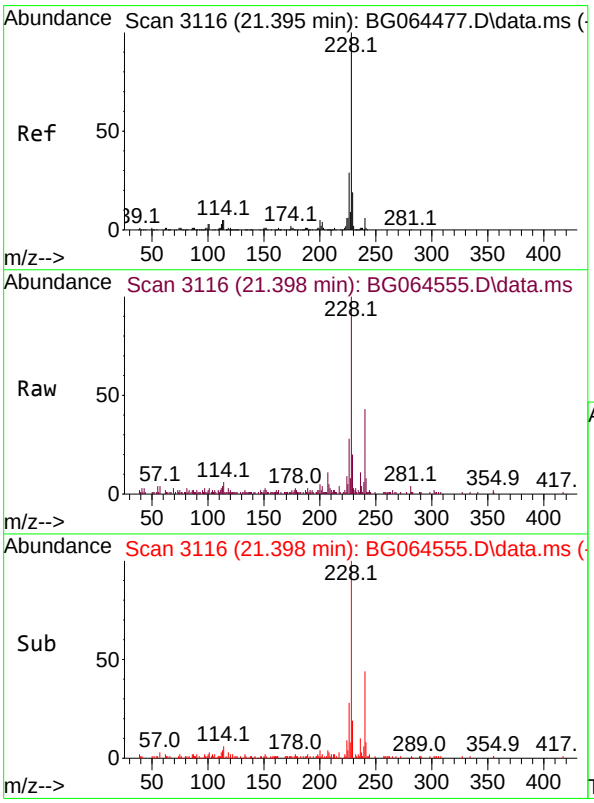
#79
Terphenyl-d14
Concen: 37.115 ng
RT: 19.806 min Scan# 28
Delta R.T. -0.000 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:244 Resp: 212072

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	6.2	5.6	8.4

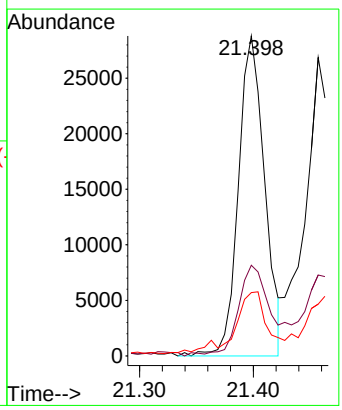


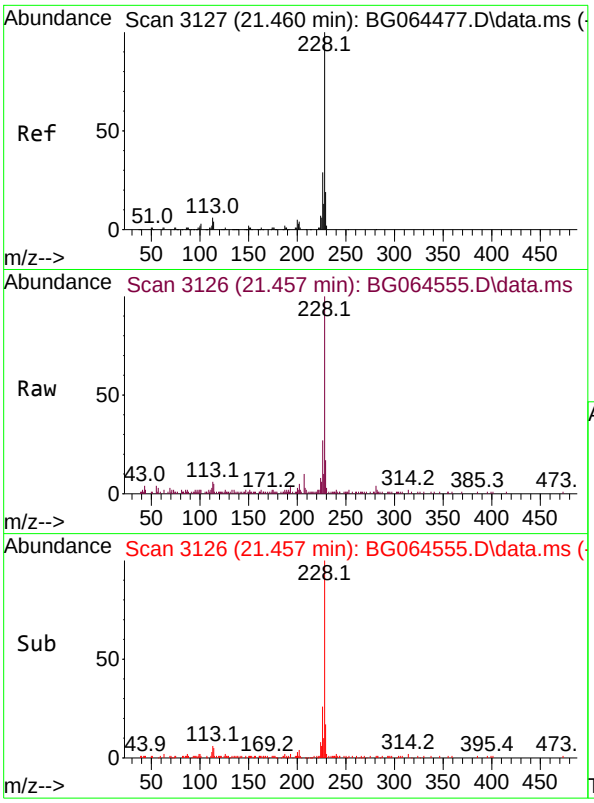


#81
Benzo(a)anthracene
Concen: 6.690 ng
RT: 21.398 min Scan# 3116
Delta R.T. 0.005 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:228 Resp: 46190

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.8	34.2
229	19.8	15.2	22.8



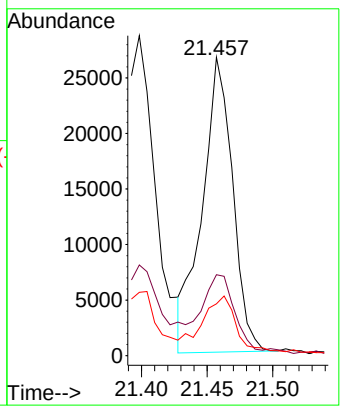


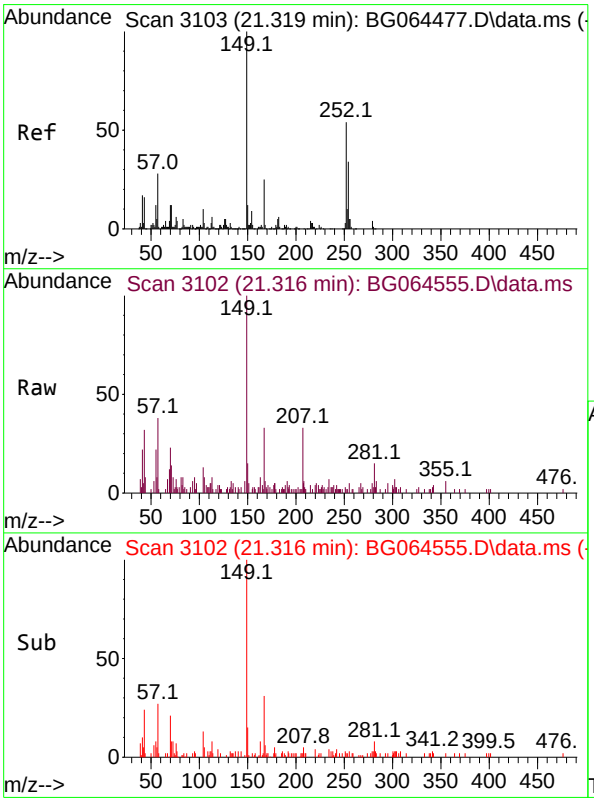
#83
Chrysene
Concen: 6.558 ng
RT: 21.457 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:228 Resp: 42942

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.8	34.2
229	17.4	15.4	23.0

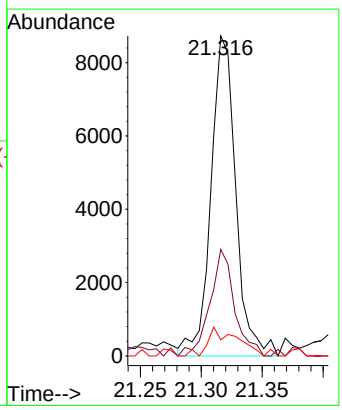


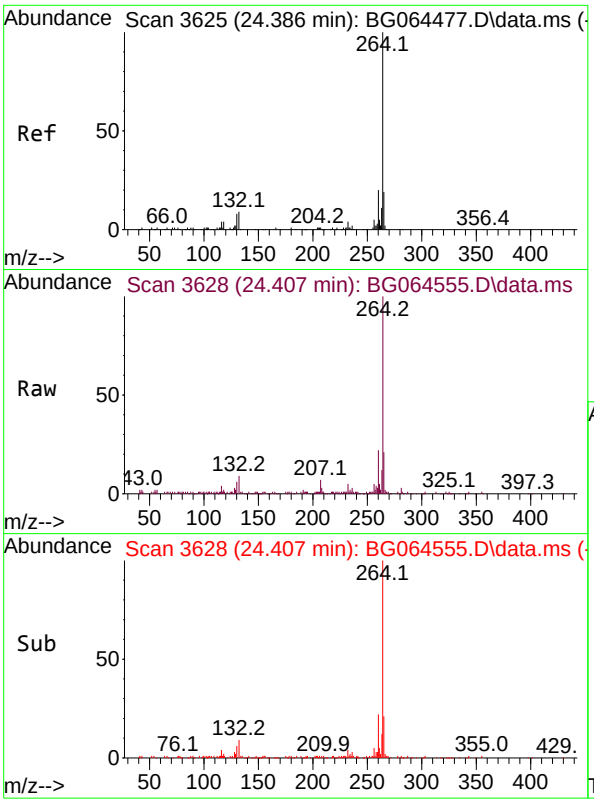


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.536 ng
RT: 21.316 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:149 Resp: 12413

Ion	Ratio	Lower	Upper
149	100		
167	33.3	19.7	29.5#
279	5.0	3.4	5.2



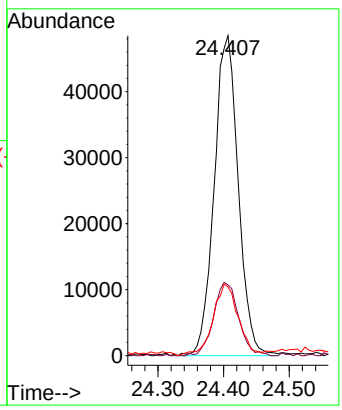


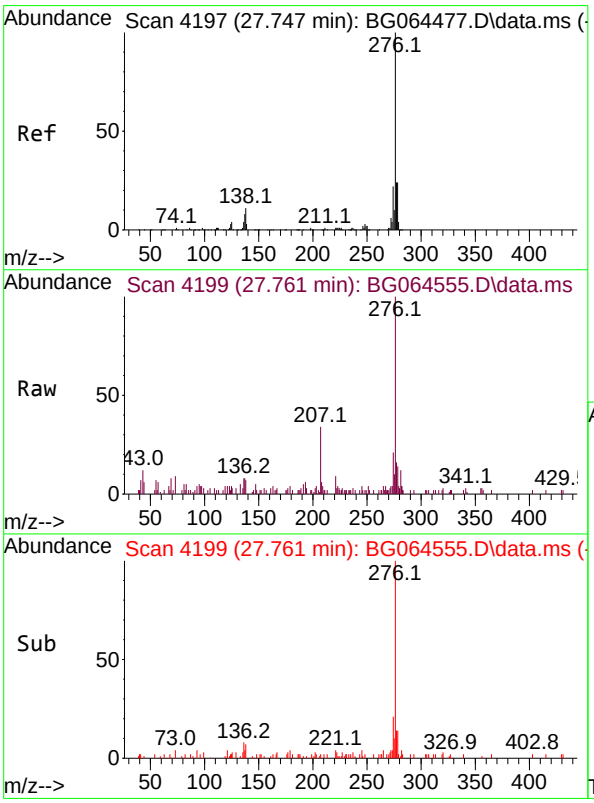
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.407 min Scan# 3
Delta R.T. 0.017 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:264 Resp: 123710

Ion	Ratio	Lower	Upper
264	100		
260	22.2	16.2	24.4
265	21.5	15.0	22.4

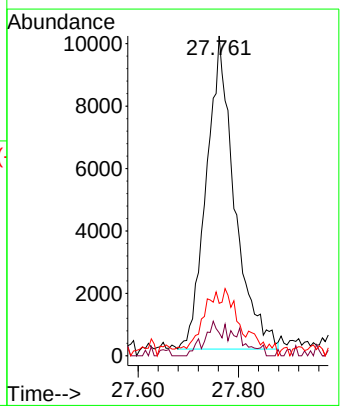


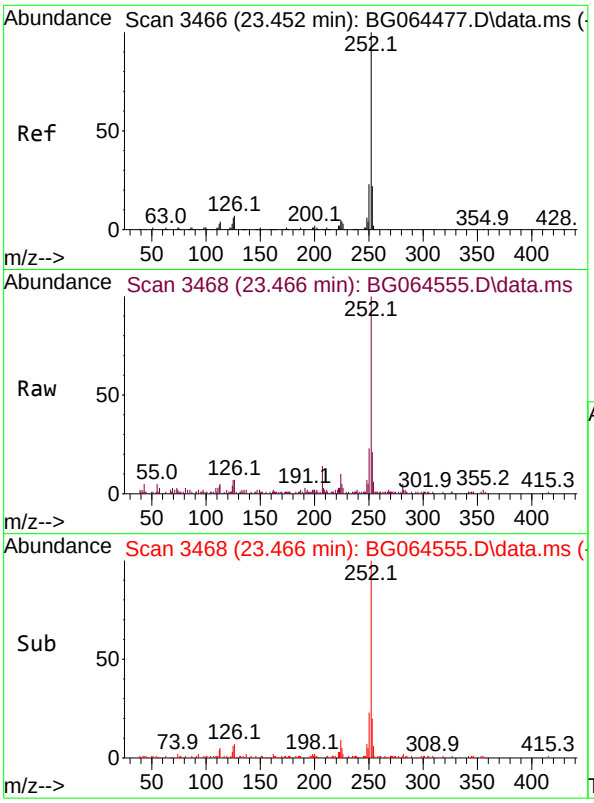


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.541 ng
RT: 27.761 min Scan# 4199
Delta R.T. 0.029 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:276 Resp: 39103

Ion	Ratio	Lower	Upper
276	100		
138	3.3	10.8	16.2#
277	10.4	20.3	30.5#



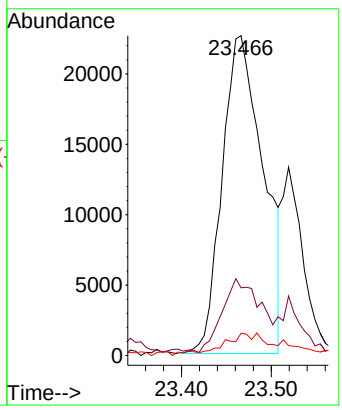


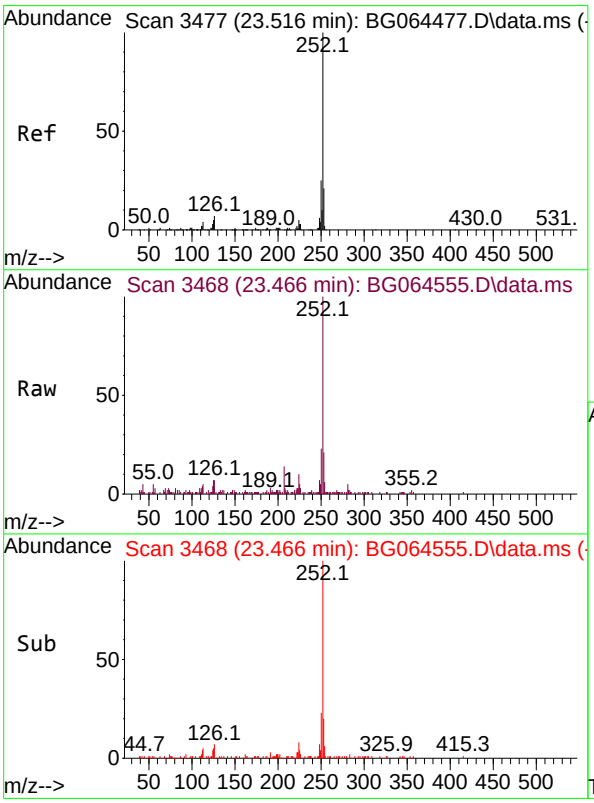
#88
Benzo(b)fluoranthene
Concen: 10.233 ng
RT: 23.466 min Scan# 34
Delta R.T. 0.017 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:252 Resp: 72017

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	7.0	4.5	6.7#

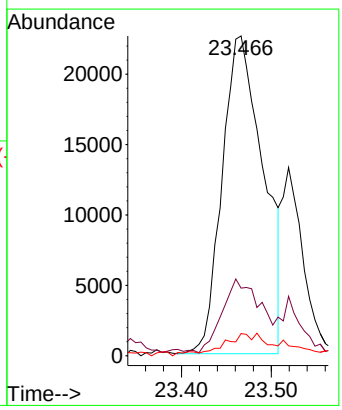


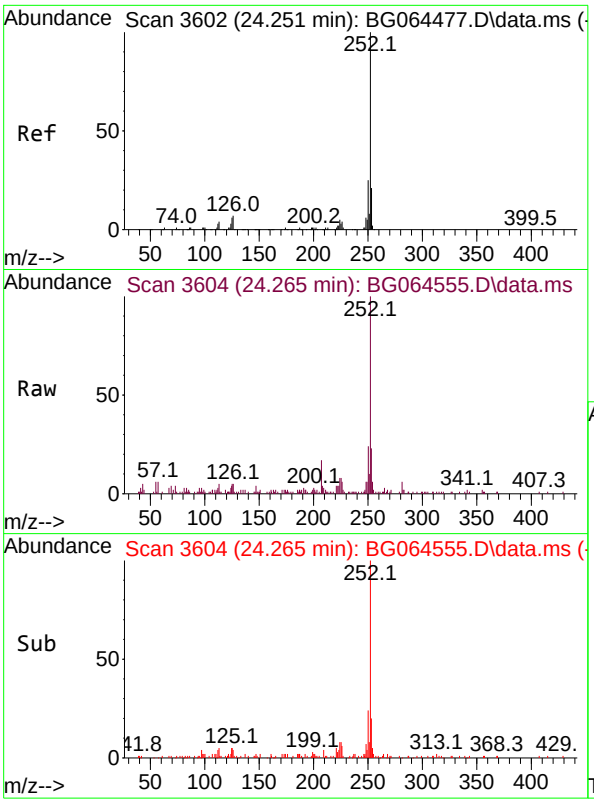


#89
Benzo(k)fluoranthene
Concen: 10.160 ng
RT: 23.466 min Scan# 3468
Delta R.T. -0.042 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:252 Resp: 72017

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	7.0	4.0	6.0#



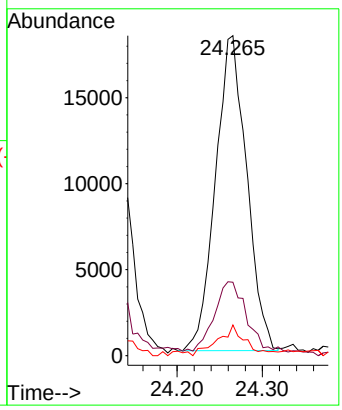


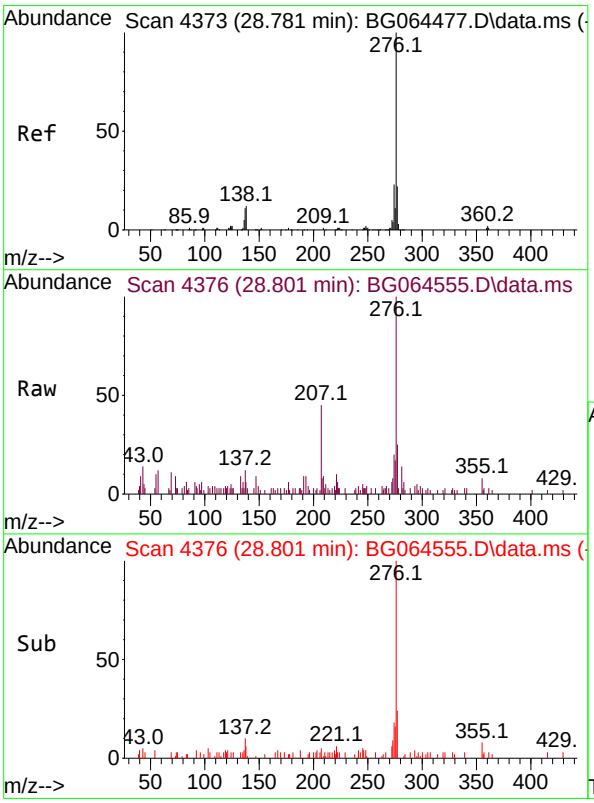
#90
Benzo(a)pyrene
Concen: 7.175 ng
RT: 24.265 min Scan# 3
Delta R.T. 0.017 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Instrument :
BNA_G
ClientSampleId :
RBR200059

Tgt Ion:252 Resp: 46538

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	9.6	4.6	6.8#





#92
Benzo(g,h,i)perylene
Concen: 5.237 ng
RT: 28.801 min Scan# 4376
Delta R.T. 0.035 min
Lab File: BG064555.D
Acq: 20 Oct 2025 18:46

Tgt Ion:276 Resp: 35048

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.8	26.6
138	5.5	9.4	14.0#