Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101725\
Data File : BG064538.D
Acq On : 17 Oct 2025 16:29
Operator : RC/JU
Sample : Q3363-05
Misc : 8270/625.1 SPIKE
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Quant Time: Oct 17 17:04:28 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	7.821	152	13378	20.000	ng	# 0.00
21) Naphthalene-d8	10.606	136	53157	20.000	ng	0.00
39) Acenaphthene-d10	14.442	164	39158	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	94623	20.000	ng	# 0.00
76) Chrysene-d12	21.411	240	112080	20.000	ng	0.00
86) Perylene-d12	24.395	264	127010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	63244	87.490	ng	0.00
7) Phenol-d6	6.992	99	79949	82.301	ng	0.00
23) Nitrobenzene-d5	8.972	82	54606	55.236	ng	0.00
42) 2,4,6-Tribromophenol	15.935	330	65490	92.266	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	127558	48.016	ng	0.00
79) Terphenyl-d14	19.807	244	285318	48.177	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.966	70	8058	12.403	ng	# 84
51) 2,6-Dinitrotoluene	14.442	165	5595	8.758	ng	# 12
57) 2,4-Dinitrotoluene	14.442	165	5595	5.729	ng	# 21
63) Azobenzene	15.800	77	12595	4.943	ng	# 23
67) 4-Bromophenyl-phenylether	15.935	248	4949	4.445	ng	# 1
75) Fluoranthene	19.237	202	22421	3.793	ng	96
77) Benzidine	19.807	184	6097	2.186	ng	98
78) Pyrene	19.601	202	26885	3.696	ng	95
81) Benzo(a)anthracene	21.393	228	19009	2.656	ng	# 90
83) Chrysene	21.452	228	18740	2.761	ng	# 91
88) Benzo(b)fluoranthene	23.444	252	24103	3.336	ng	# 92
89) Benzo(k)fluoranthene	23.444	252	24103	3.312	ng	# 92
90) Benzo(a)pyrene	24.249	252	24819	3.727	ng	# 92
92) Benzo(g,h,i)perylene	28.779	276	19058	2.774	ng	# 93

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

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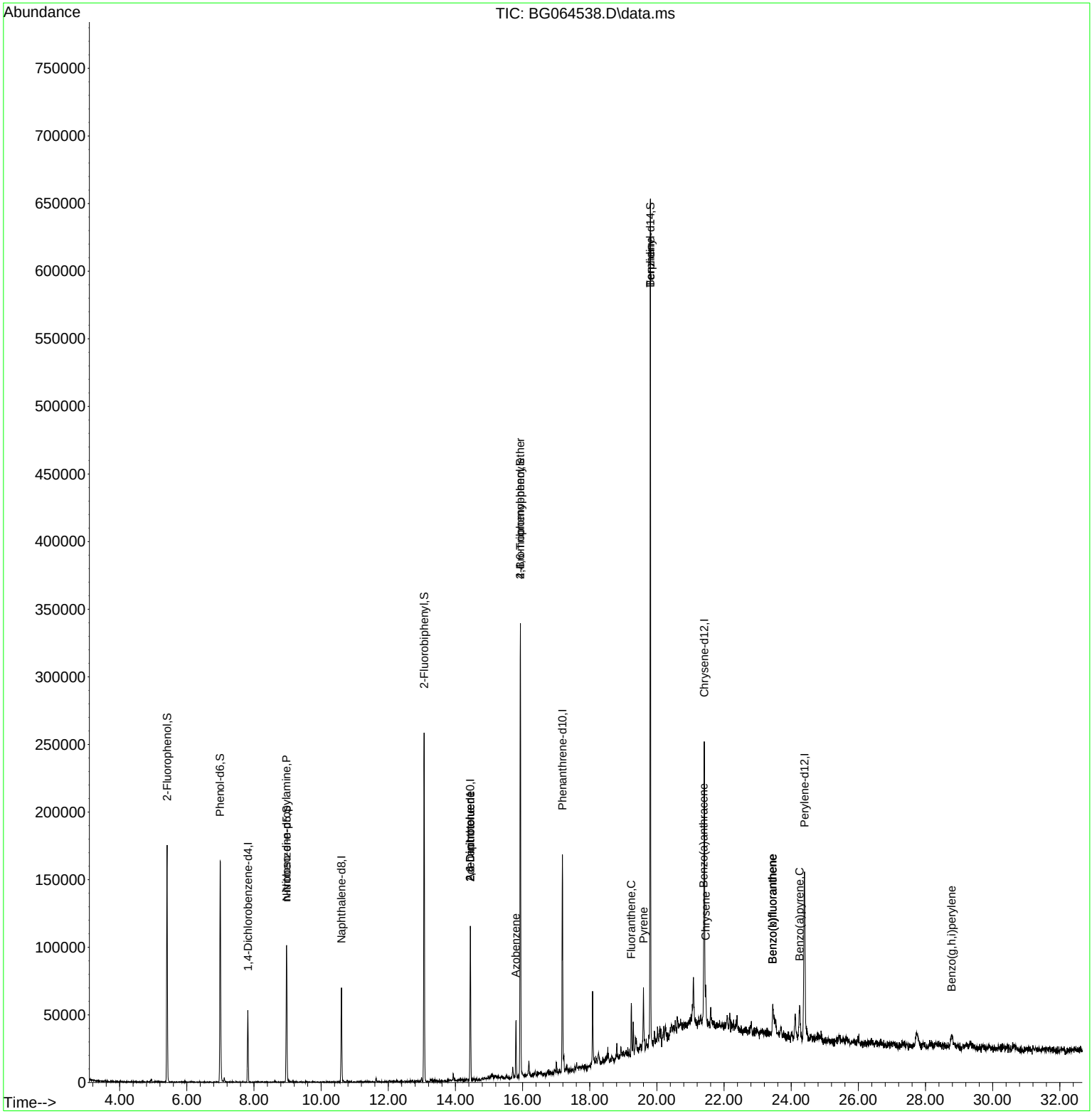
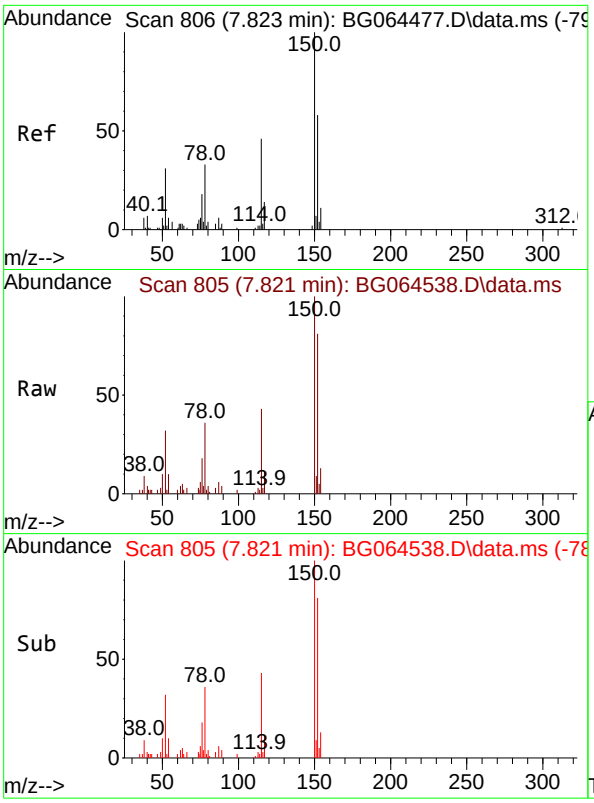
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



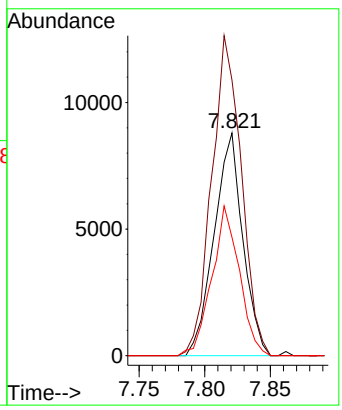


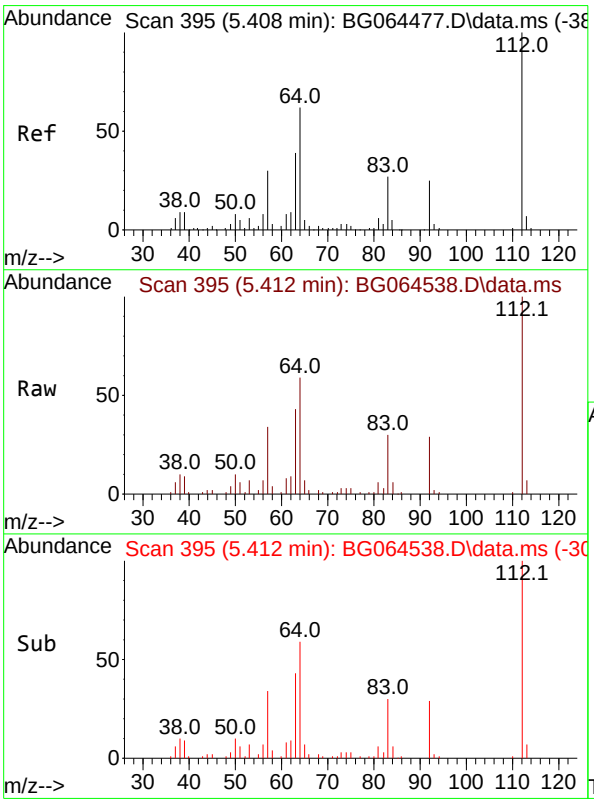
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.821 min Scan# 8(
Delta R.T. 0.001 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:152 Resp: 13378

Ion	Ratio	Lower	Upper
152	100		
150	123.8	138.6	207.8#
115	53.1	63.4	95.2#

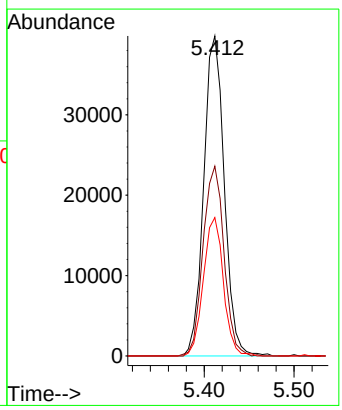


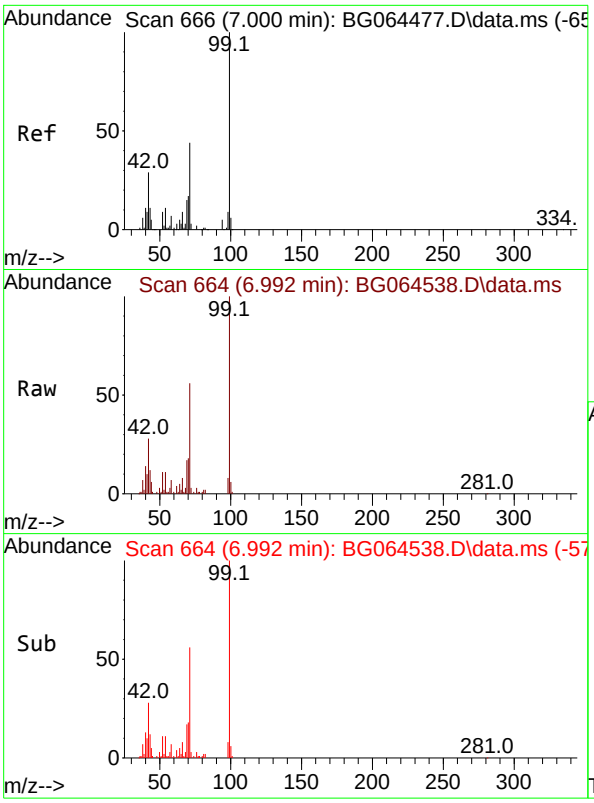


#5
2-Fluorophenol
Concen: 87.490 ng
RT: 5.412 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:112 Resp: 63244

Ion	Ratio	Lower	Upper
112	100		
64	59.3	49.8	74.8
63	43.3	31.3	46.9



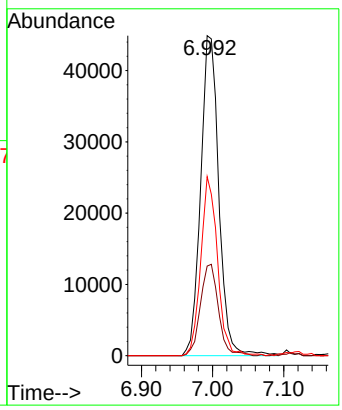


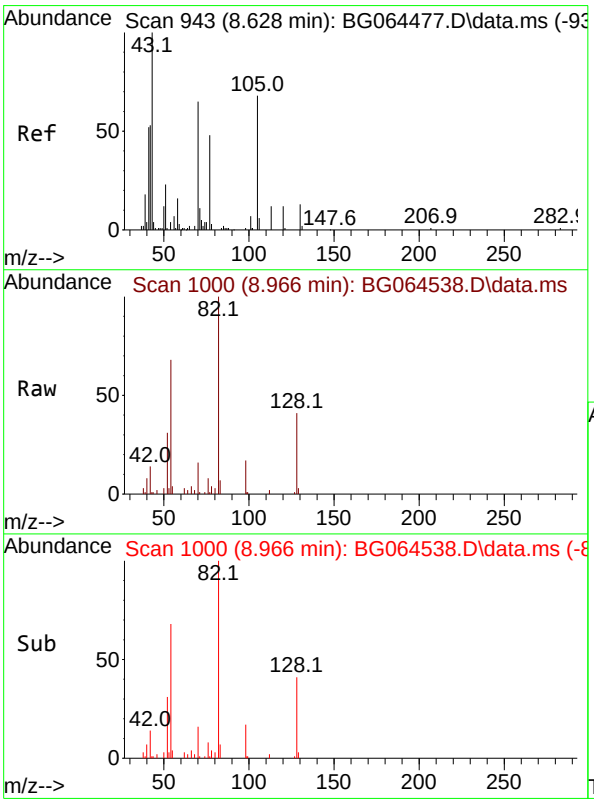
#7
Phenol-d6
Concen: 82.301 ng
RT: 6.992 min Scan# 6
Delta R.T. 0.006 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion: 99 Resp: 79949

Ion	Ratio	Lower	Upper
99	100		
42	28.0	22.9	34.3
71	56.0	35.4	53.2#

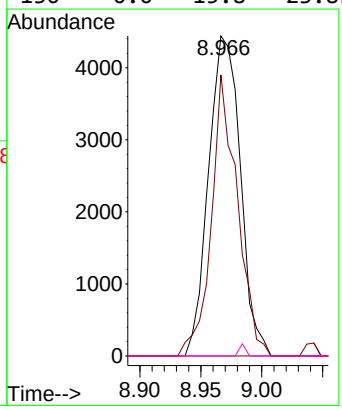


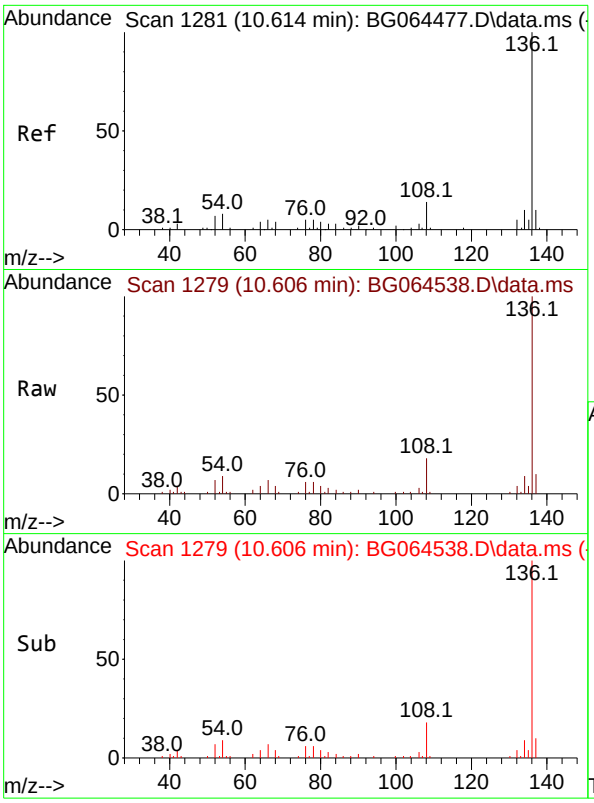


#19
n-Nitroso-di-n-propylamine
Concen: 12.403 ng
RT: 8.966 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion: 70 Resp: 8058

Ion	Ratio	Lower	Upper
70	100		
42	87.9	64.9	97.3
101	0.0	8.7	13.1#
130	0.0	15.8	23.8#



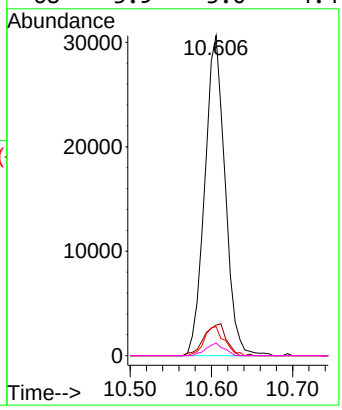


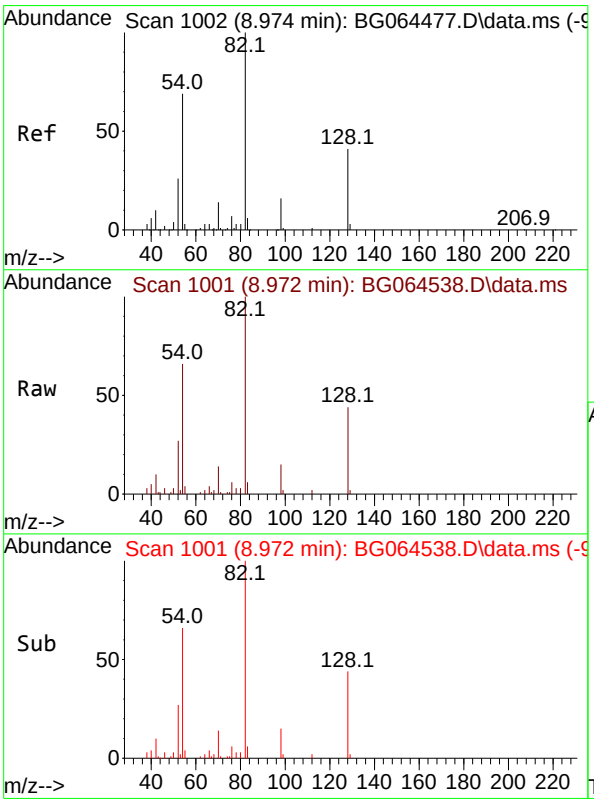
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:136 Resp: 53157

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.3	12.5
54	9.1	6.2	9.4
68	3.9	3.0	4.4

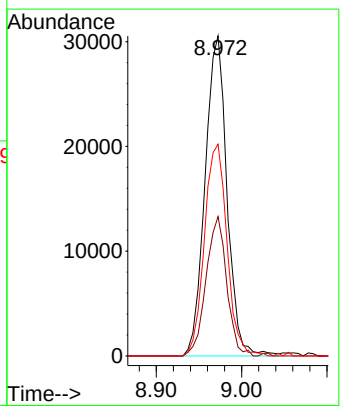


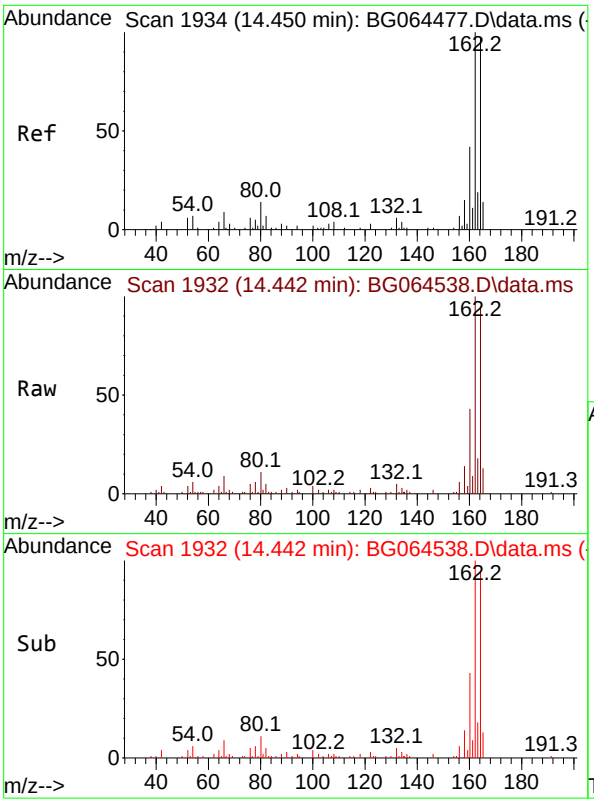


#23
Nitrobenzene-d5
Concen: 55.236 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion: 82 Resp: 54606

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.1	49.7
54	66.2	55.4	83.2



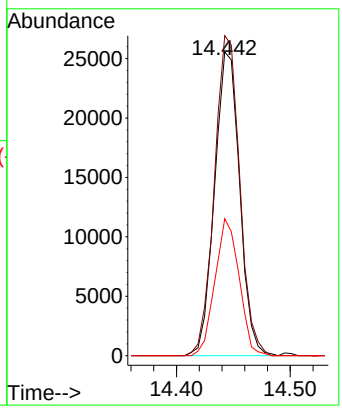


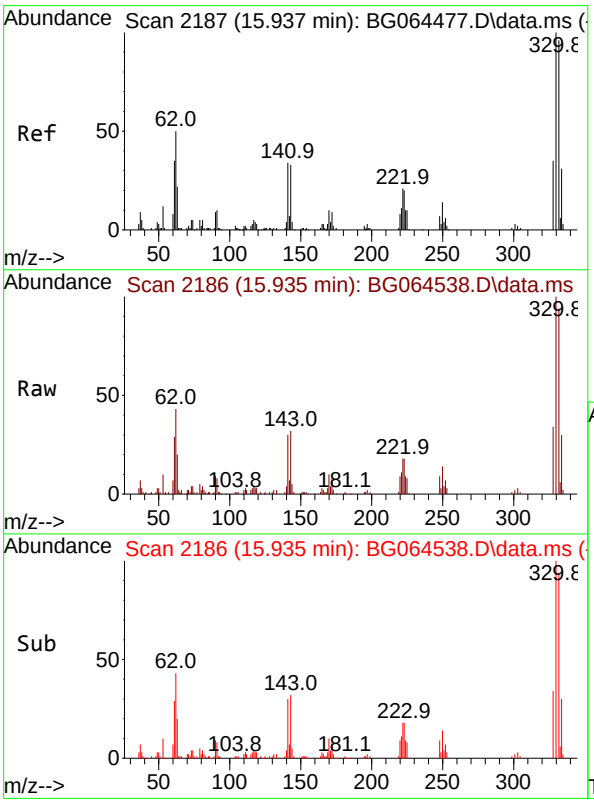
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.442 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:164 Resp: 39158

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.2	123.2
160	45.1	34.3	51.5

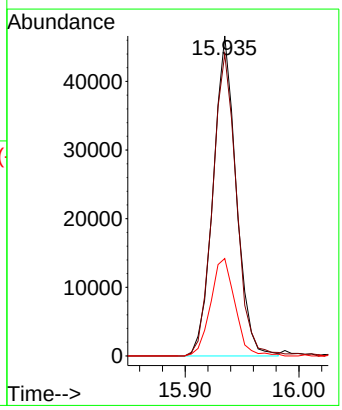


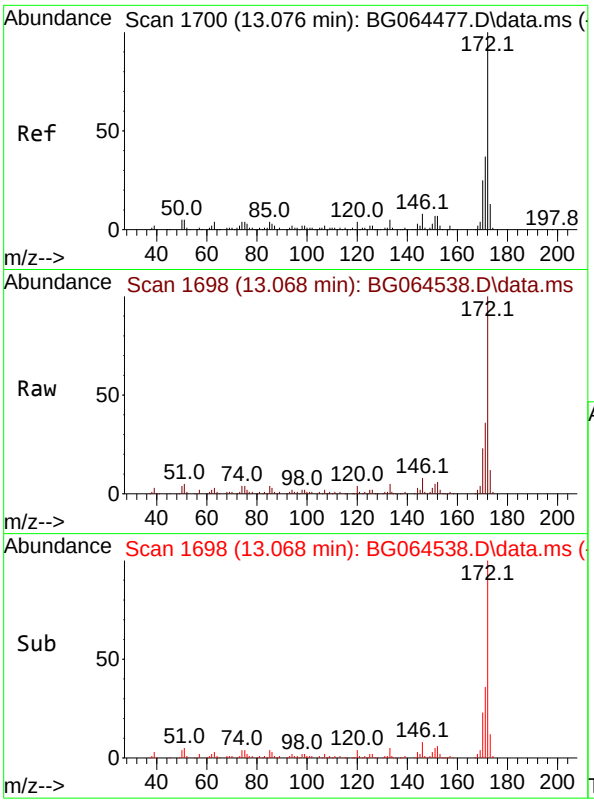


#42
2,4,6-Tribromophenol
Concen: 92.266 ng
RT: 15.935 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:330 Resp: 65490

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.0
141	32.3	25.8	38.6



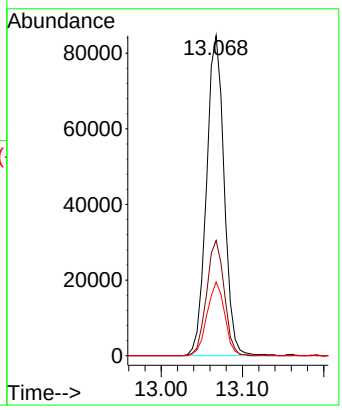


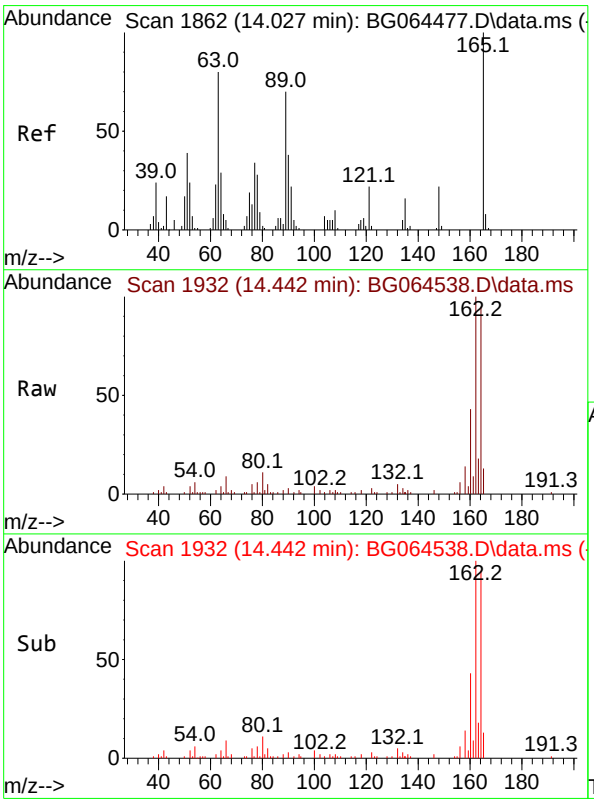
#45
2-Fluorobiphenyl
Concen: 48.016 ng
RT: 13.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:172 Resp: 127558

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.1	20.2	30.2

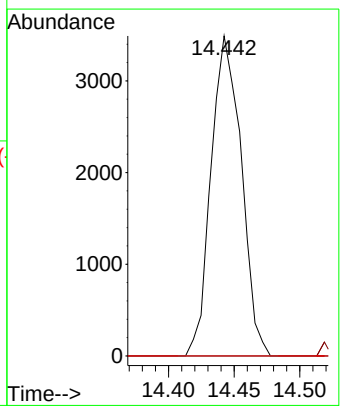


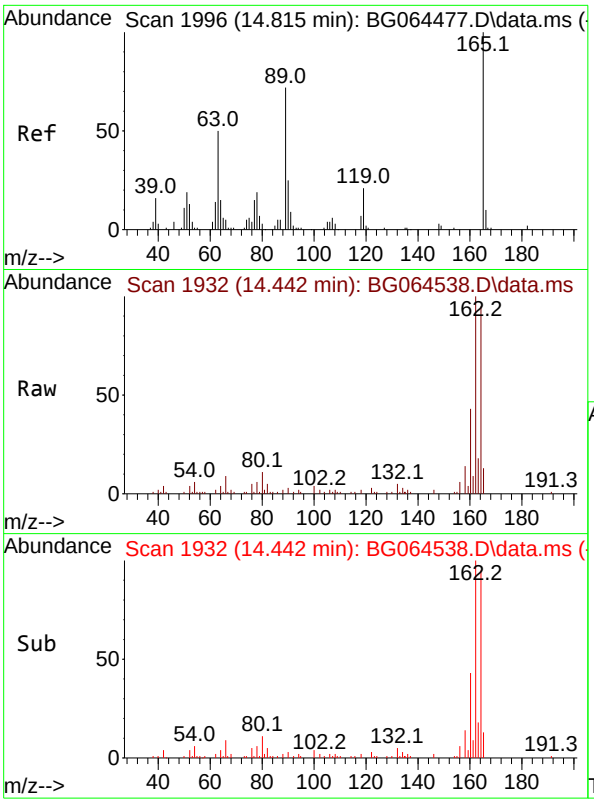


#51
2,6-Dinitrotoluene
Concen: 8.758 ng
RT: 14.442 min Scan# 1932
Delta R.T. 0.423 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:165 Resp: 5595

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



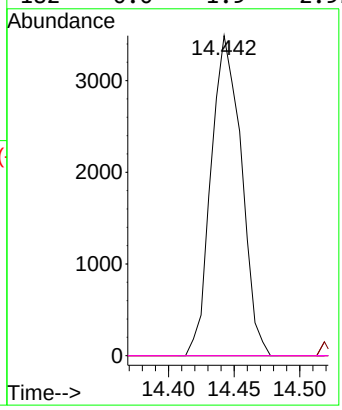


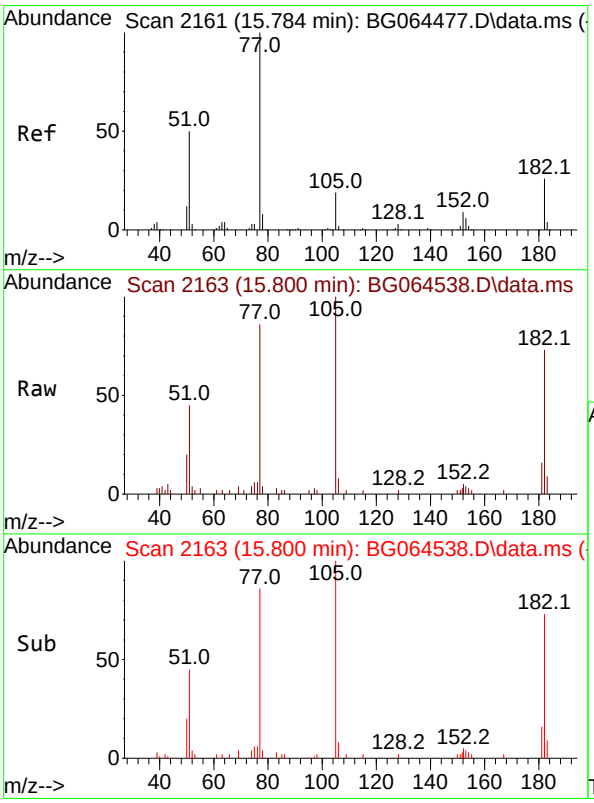
#57
2,4-Dinitrotoluene
Concen: 5.729 ng
RT: 14.442 min Scan# 1
Delta R.T. -0.370 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:165 Resp: 5595

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#

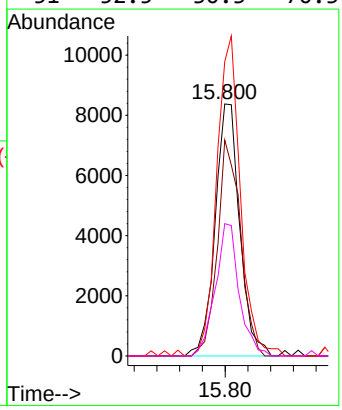


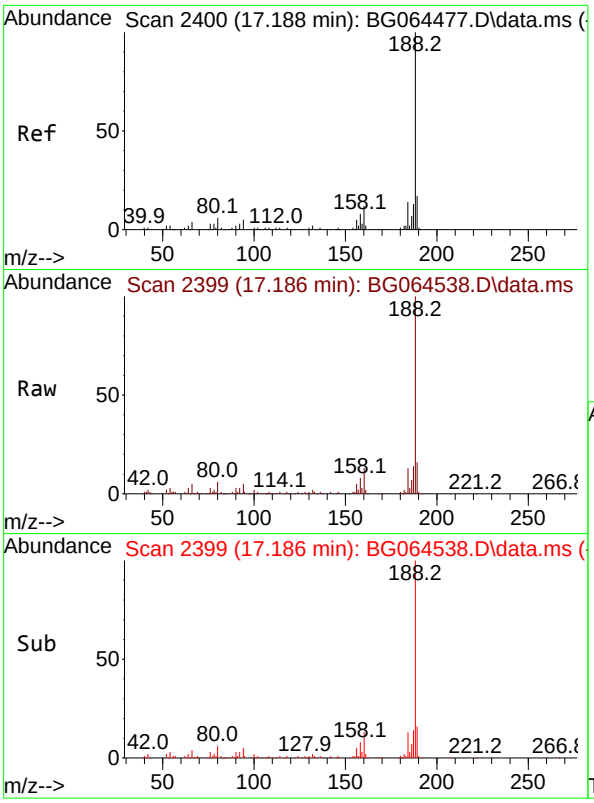


#63
Azobenzene
Concen: 4.943 ng
RT: 15.800 min Scan# 2163
Delta R.T. 0.018 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion: 77 Resp: 12595

Ion	Ratio	Lower	Upper
77	100		
182	85.7	6.3	46.3#
105	116.8	0.0	38.7#
51	52.5	30.3	70.3



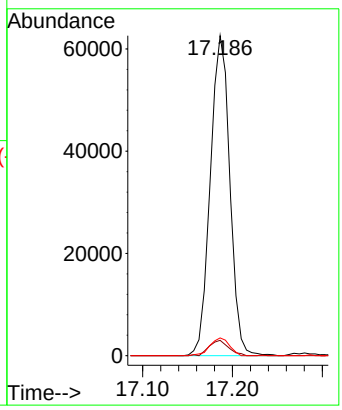


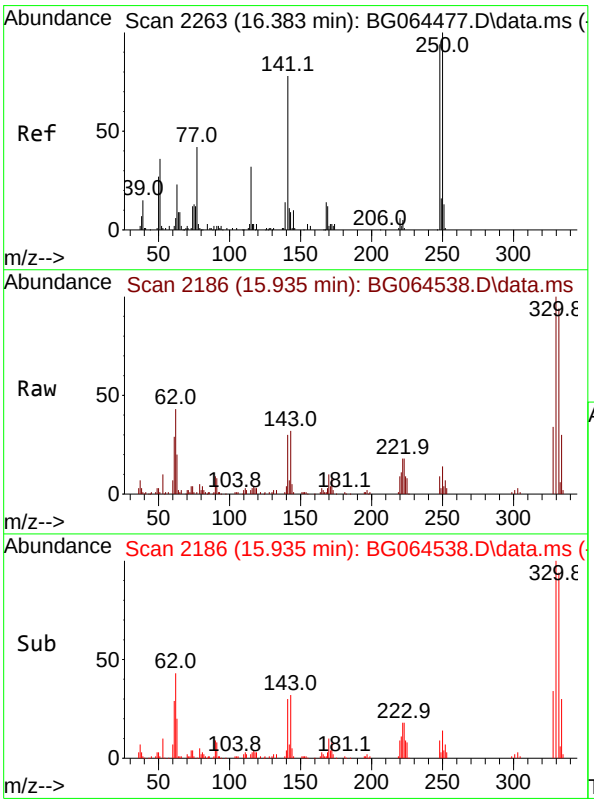
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:188 Resp: 94623

Ion	Ratio	Lower	Upper
188	100		
94	5.7	3.7	5.5#
80	5.5	4.5	6.7

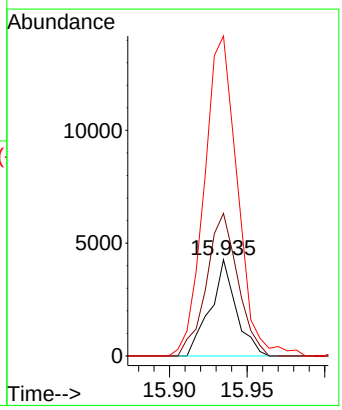


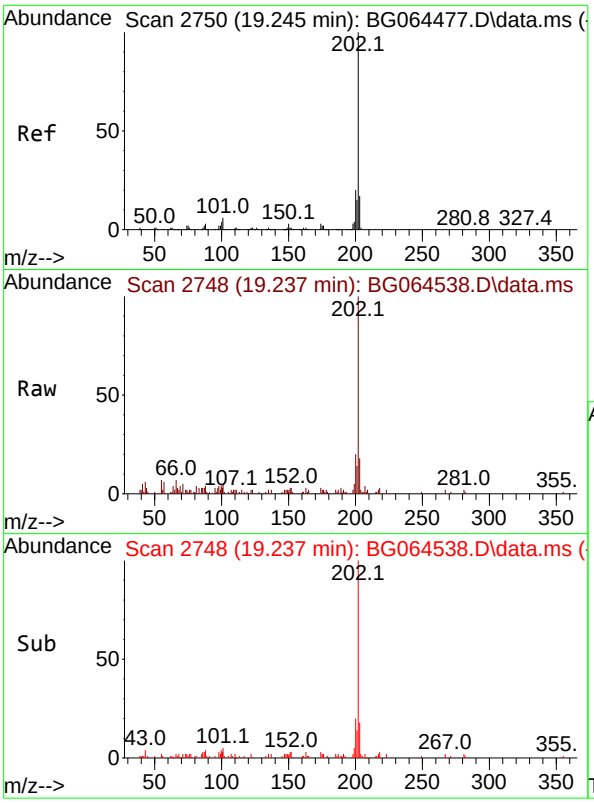


#67
4-Bromophenyl-phenylether
Concen: 4.445 ng
RT: 15.935 min Scan# 2186
Delta R.T. -0.446 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:248 Resp: 4949

Ion	Ratio	Lower	Upper
248	100		
250	148.4	85.3	127.9#
141	333.1	66.2	99.2#



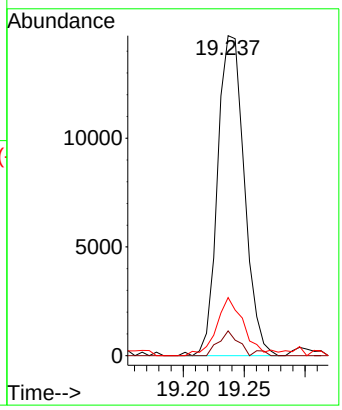


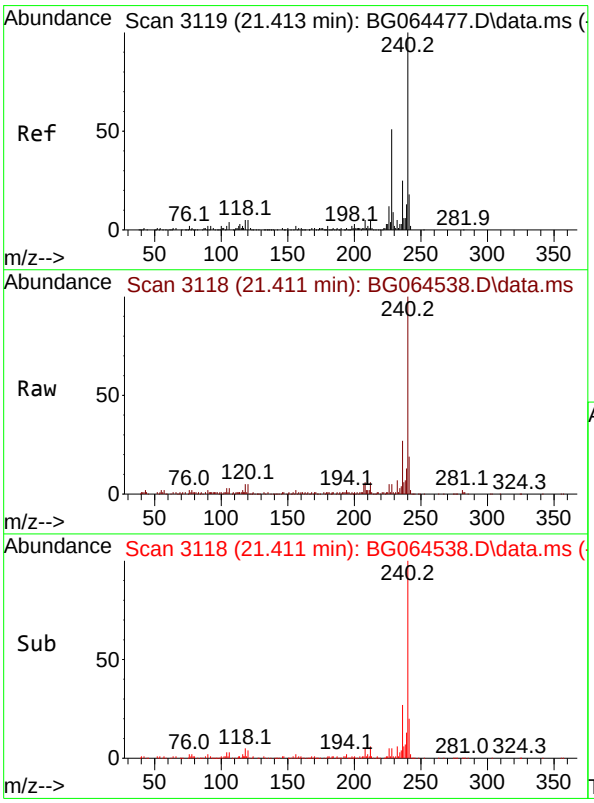
#75
Fluoranthene
Concen: 3.793 ng
RT: 19.237 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:202 Resp: 22421

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	25.7
203	18.1	0.0	36.6

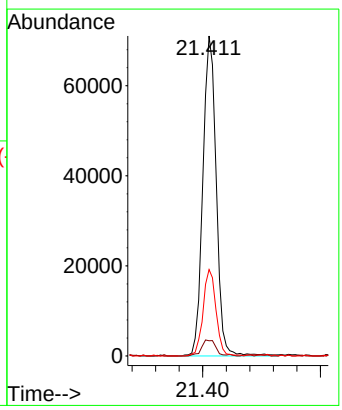


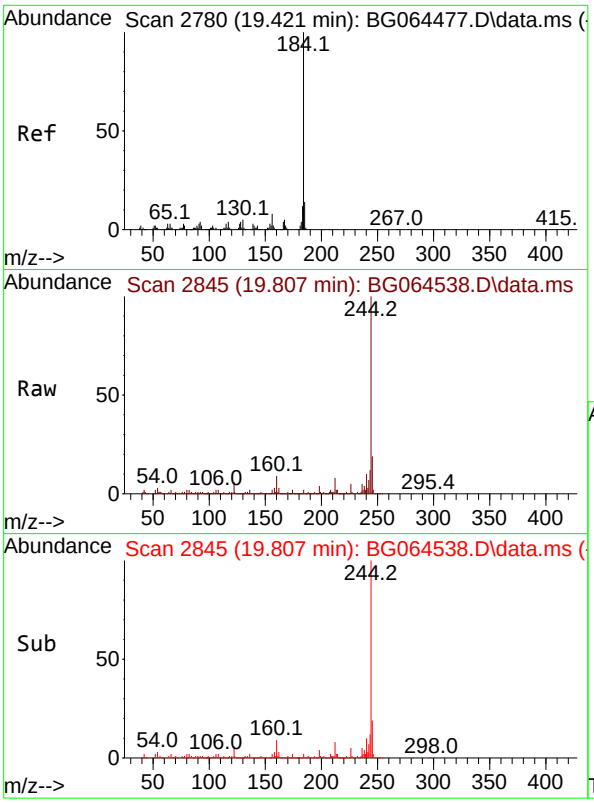


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.411 min Scan# 3118
Delta R.T. 0.001 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:240 Resp: 112080

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.3	6.5
236	27.0	20.4	30.6



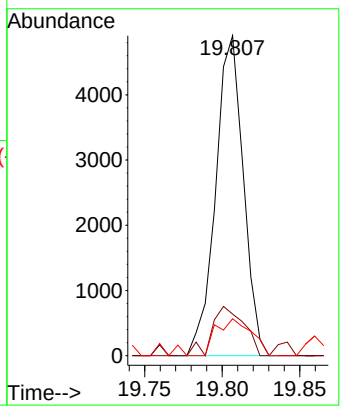


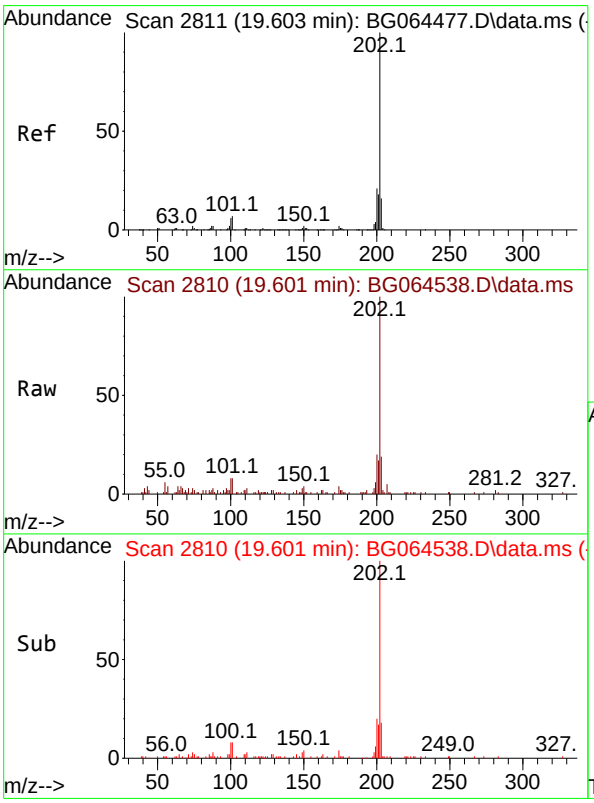
#77
Benzidine
Concen: 2.186 ng
RT: 19.807 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:184 Resp: 6097

Ion	Ratio	Lower	Upper
184	100		
185	13.0	10.9	16.3
183	11.6	9.8	14.6

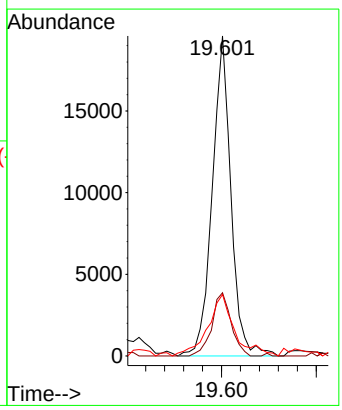


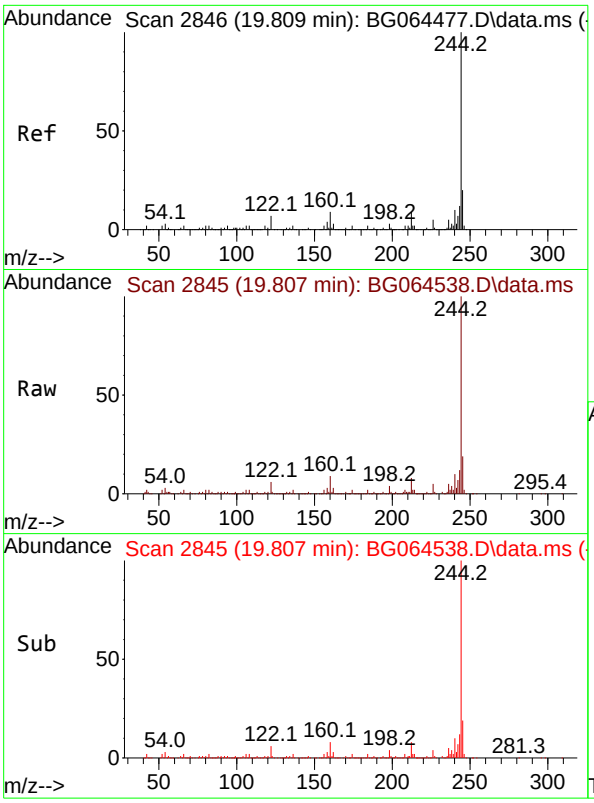


#78
Pyrene
Concen: 3.696 ng
RT: 19.601 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:202 Resp: 26885

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.4
203	19.2	13.0	19.4



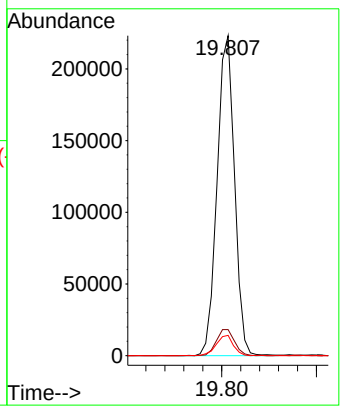


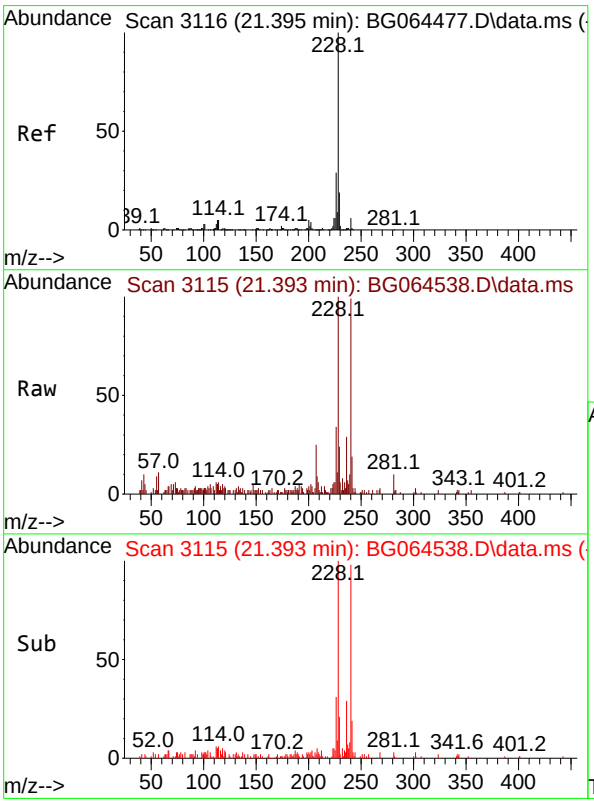
#79
Terphenyl-d14
Concen: 48.177 ng
RT: 19.807 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:244 Resp: 285318

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	6.3	5.6	8.4

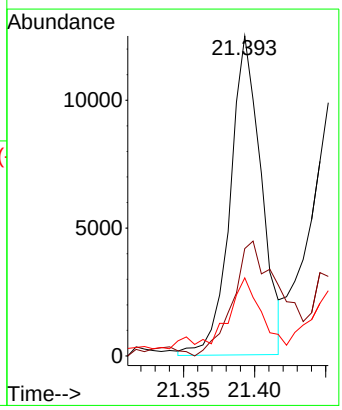


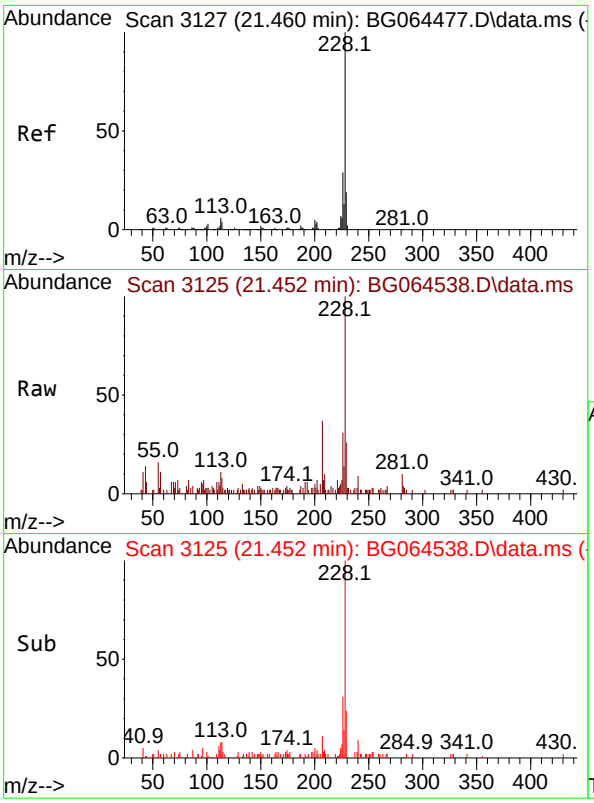


#81
Benzo(a)anthracene
Concen: 2.656 ng
RT: 21.393 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:228 Resp: 19009

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.8	34.2
229	24.4	15.2	22.8#



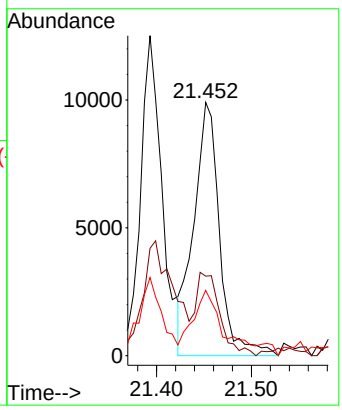


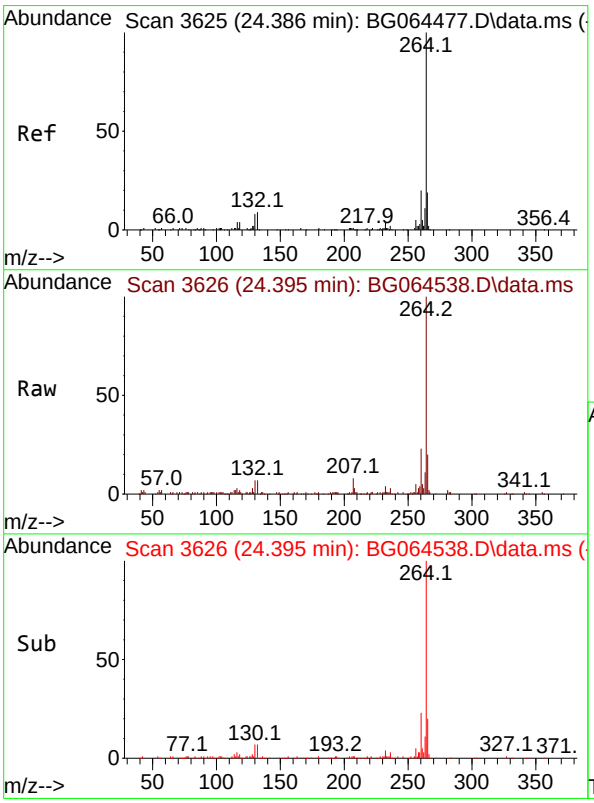
#83
Chrysene
Concen: 2.761 ng
RT: 21.452 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:228 Resp: 18740

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.8	34.2
229	25.8	15.4	23.0#

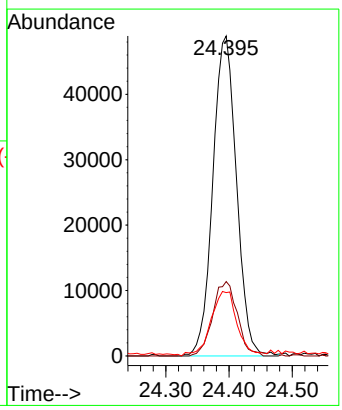


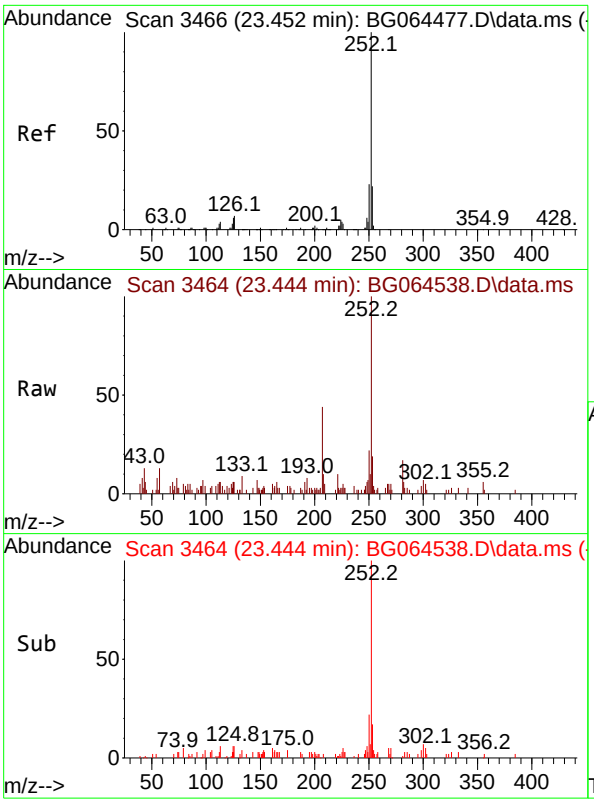


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.395 min Scan# 3626
Delta R.T. 0.006 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:264 Resp: 127010

Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.2	24.4
265	19.8	15.0	22.4



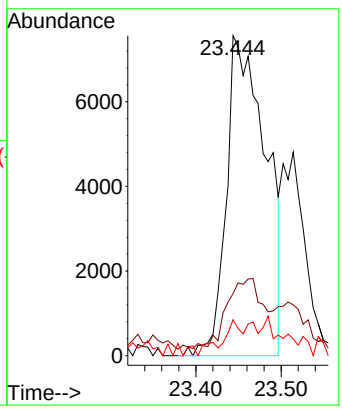


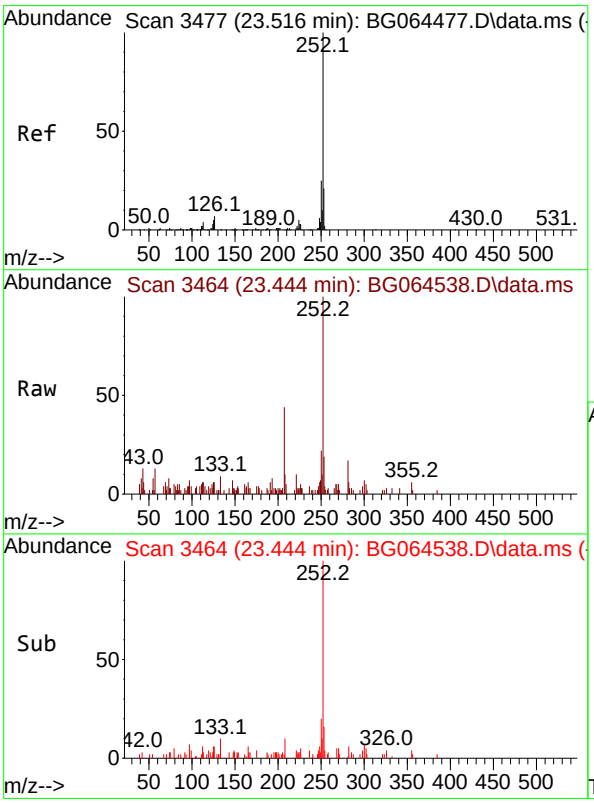
#88
Benzo(b)fluoranthene
Concen: 3.336 ng
RT: 23.444 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:252 Resp: 24103

Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.5	26.3
125	11.3	4.5	6.7#

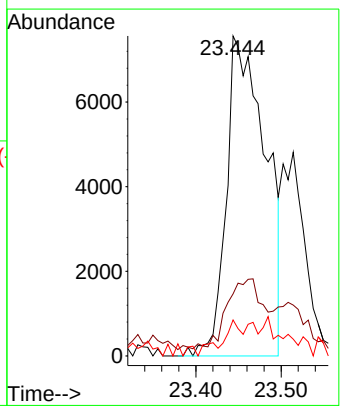


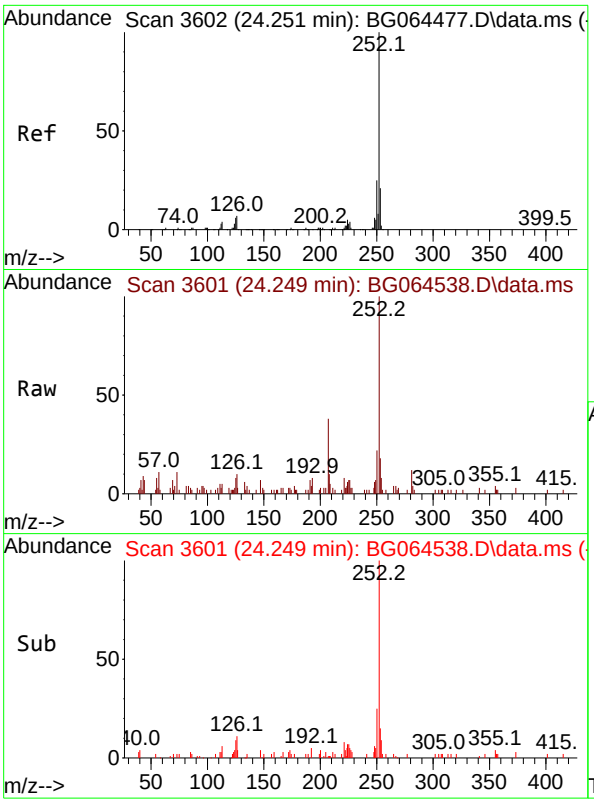


#89
Benzo(k)fluoranthene
Concen: 3.312 ng
RT: 23.444 min Scan# 3464
Delta R.T. -0.064 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:252 Resp: 24103

Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.4	26.2
125	11.3	4.0	6.0#



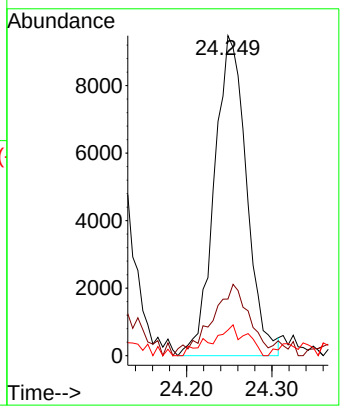


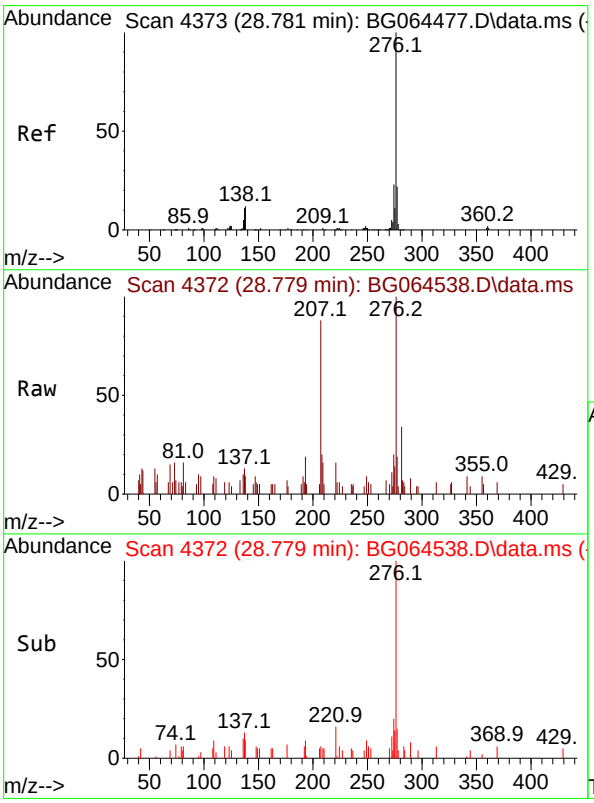
#90
Benzo(a)pyrene
Concen: 3.727 ng
RT: 24.249 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Instrument :
BNA_G
ClientSampleId :
COMP01-20251015

Tgt Ion:252 Resp: 24819

Ion	Ratio	Lower	Upper
252	100		
253	17.7	17.1	25.7
125	8.0	4.6	6.8#





#92
Benzo(g,h,i)perylene
Concen: 2.774 ng
RT: 28.779 min Scan# 4372
Delta R.T. 0.012 min
Lab File: BG064538.D
Acq: 17 Oct 2025 16:29

Tgt Ion:276 Resp: 19058

Ion	Ratio	Lower	Upper
276	100		
277	18.7	17.8	26.6
138	8.8	9.4	14.0#