Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064307.D
Acq On : 8 Sep 2025 14:57
Operator : RC/JU
Sample : Q3023-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 08 15:41:13 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	7.849	152	26960	20.000	ng	-0.01
21) Naphthalene-d8	10.634	136	112049	20.000	ng	-0.02
39) Acenaphthene-d10	14.471	164	77766	20.000	ng	-0.01
64) Phenanthrene-d10	17.214	188	196794	20.000	ng	#-0.01
76) Chrysene-d12	21.445	240	231122	20.000	ng	-0.01
86) Perylene-d12	24.459	264	259295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	147811	98.363	ng	0.00
7) Phenol-d6	7.021	99	191596	92.807	ng	-0.01
23) Nitrobenzene-d5	9.001	82	136330	67.856	ng	-0.02
42) 2,4,6-Tribromophenol	15.963	330	124977	121.331	ng	-0.01
45) 2-Fluorobiphenyl	13.096	172	336420	66.031	ng	-0.02
79) Terphenyl-d14	19.835	244	704388	63.585	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.001	70	20243	12.812	ng	# 71
51) 2,6-Dinitrotoluene	14.477	165	10175	8.929	ng	# 16
54) 2,4-Dinitrophenol	14.382	184	65	5.733	ng	# 12
57) 2,4-Dinitrotoluene	14.477	165	10175	5.905	ng	# 19
63) Azobenzene	15.834	77	17222	3.067	ng	# 1
67) 4-Bromophenyl-phenylether	15.963	248	8642	4.135	ng	# 1
77) Benzidine	19.835	184	13919	2.863	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064307.D
Acq On : 8 Sep 2025 14:57
Operator : RC/JU
Sample : Q3023-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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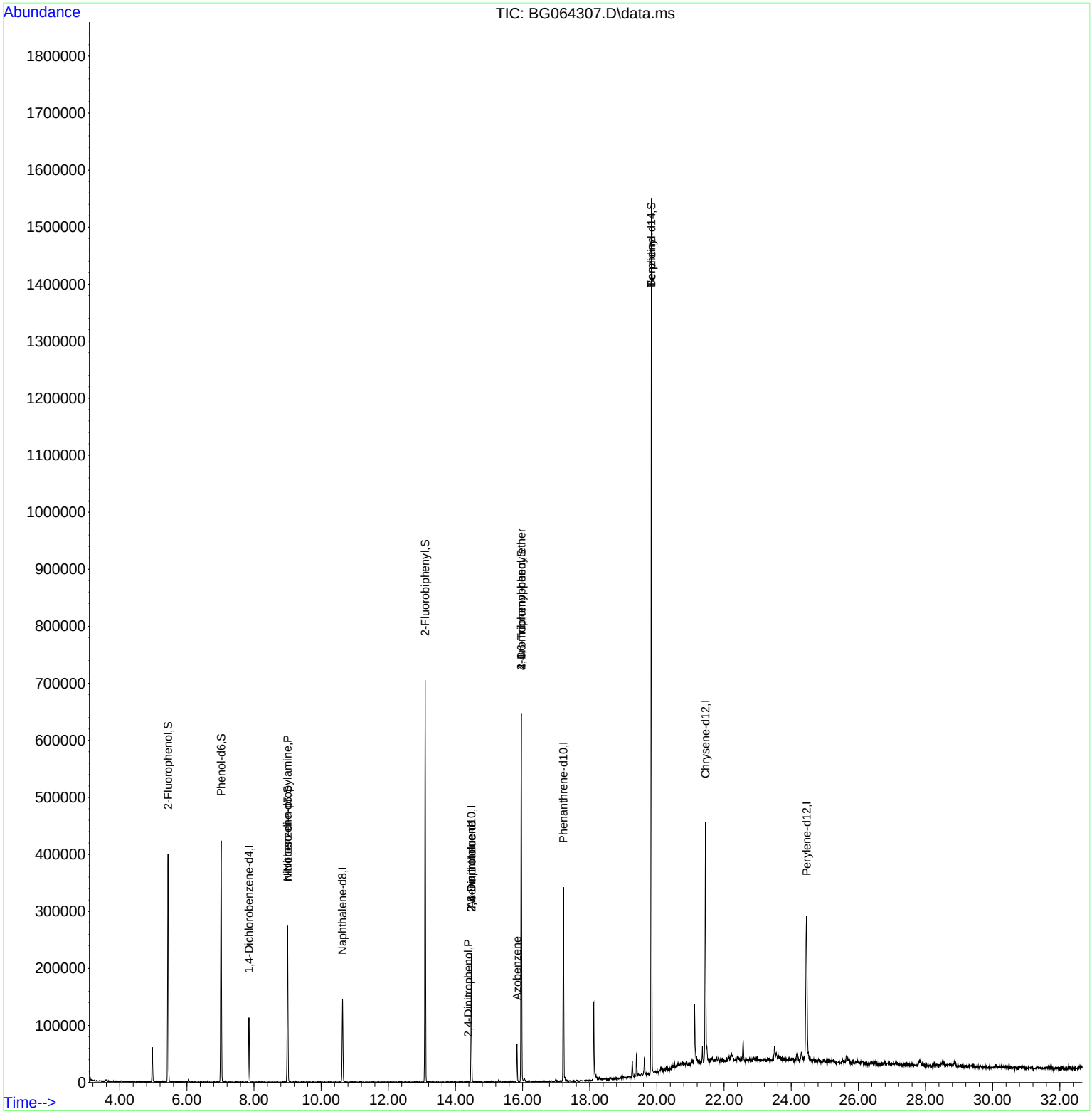
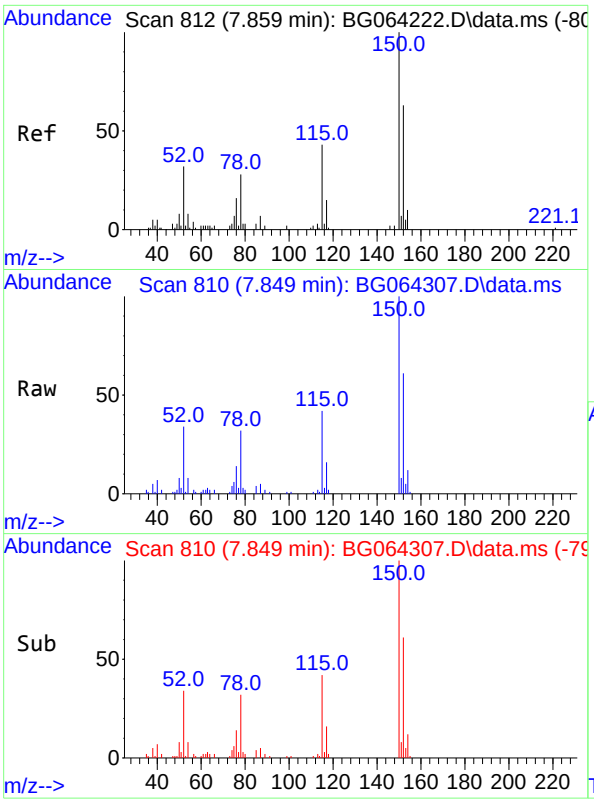
ClientSampleId :

Quant Time: Sep 08 15:41:13 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



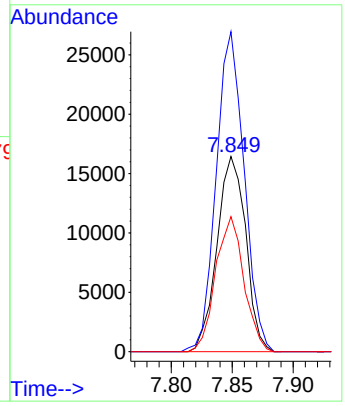


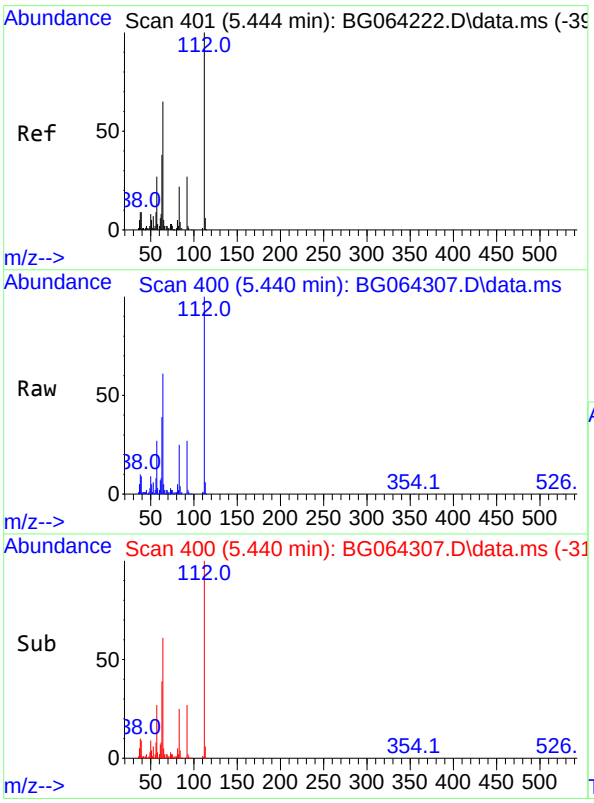
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.849 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 26960

Ion	Ratio	Lower	Upper
152	100		
150	163.9	128.0	192.0
115	69.2	55.7	83.5

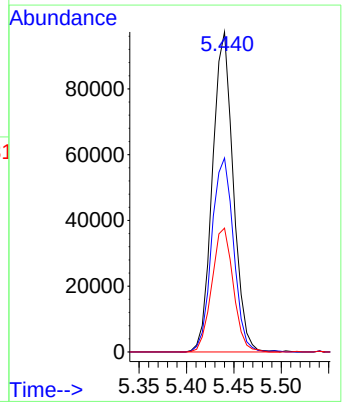


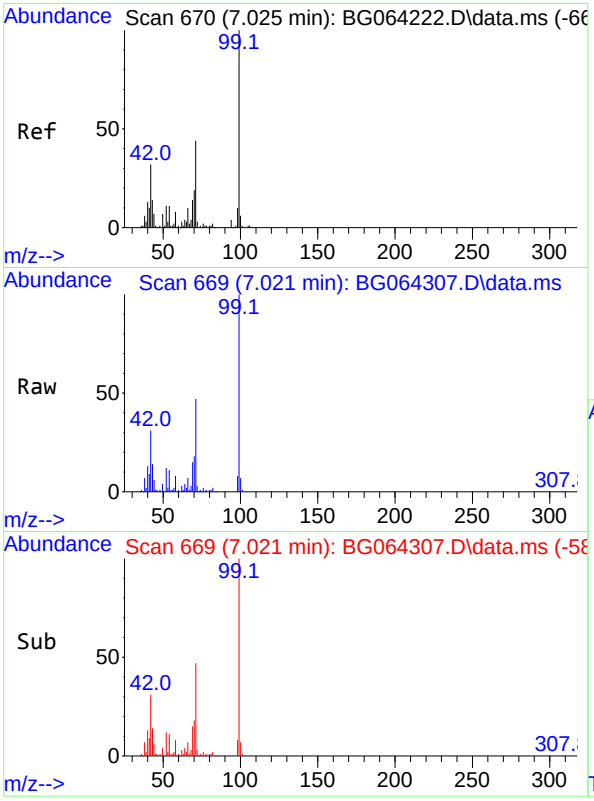


#5
2-Fluorophenol
Concen: 98.363 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.004 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion:112 Resp: 147811

Ion	Ratio	Lower	Upper
112	100		
64	60.6	51.8	77.6
63	38.7	30.6	45.8



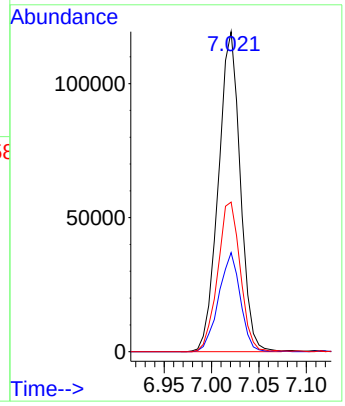


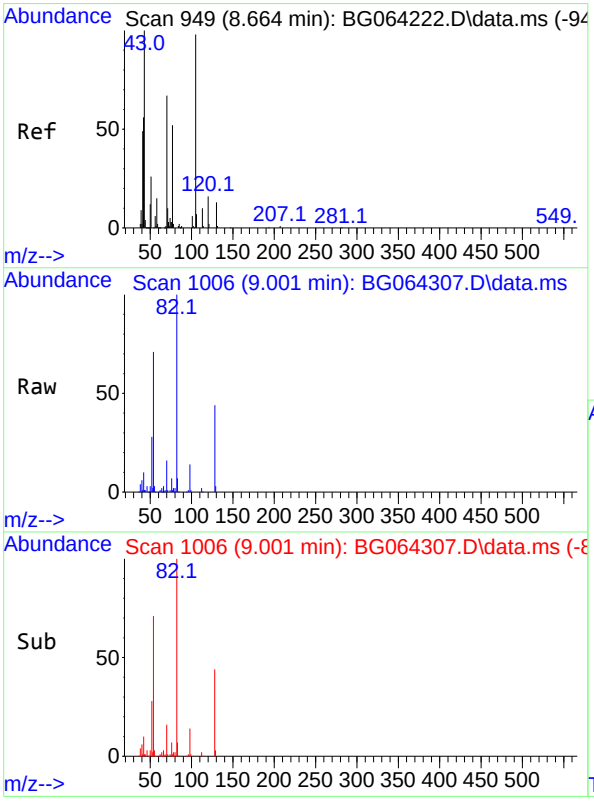
#7
Phenol-d6
Concen: 92.807 ng
RT: 7.021 min Scan# 6
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 191596

Ion	Ratio	Lower	Upper
99	100		
42	31.0	25.8	38.8
71	46.7	35.2	52.8

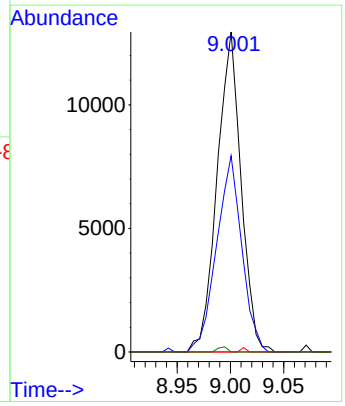


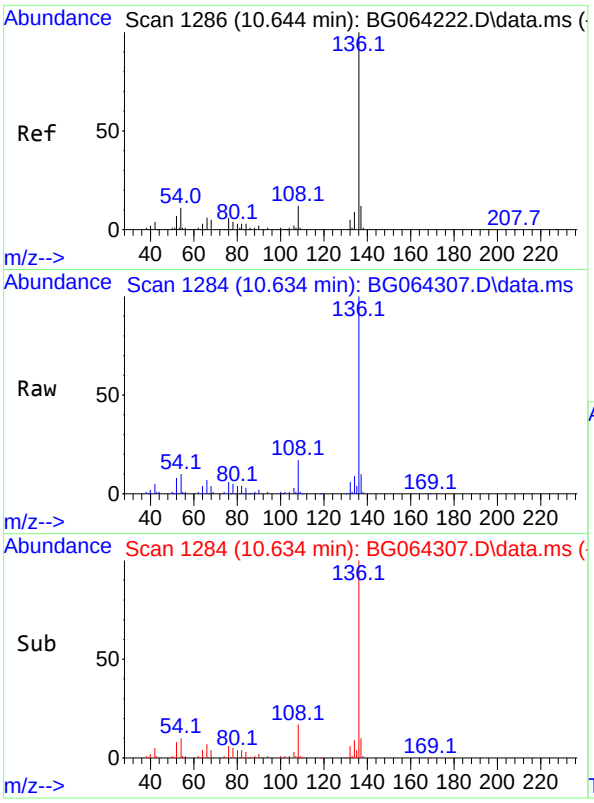


#19
n-Nitroso-di-n-propylamine
Concen: 12.812 ng
RT: 9.001 min Scan# 1006
Delta R.T. 0.336 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion: 70 Resp: 20243

Ion	Ratio	Lower	Upper
70	100		
42	61.3	67.9	101.9#
101	0.0	7.3	10.9#
130	0.0	15.6	23.4#



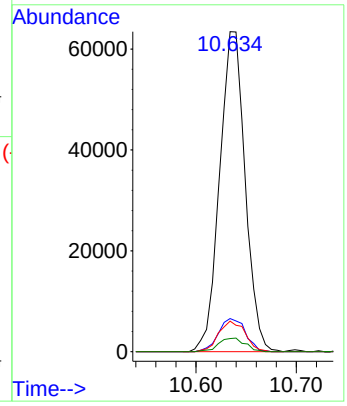


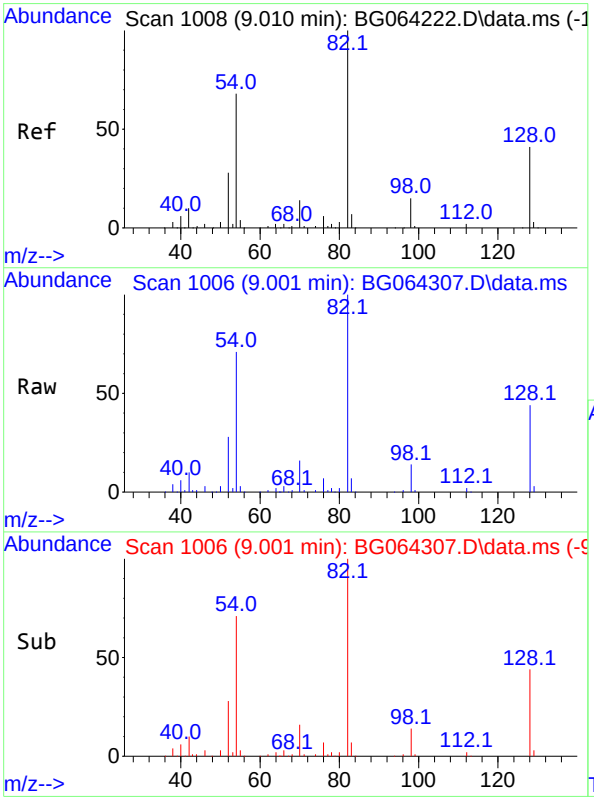
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 112049

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	9.6	8.8	13.2
68	4.1	4.1	6.1

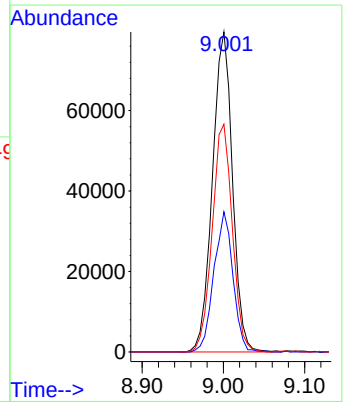


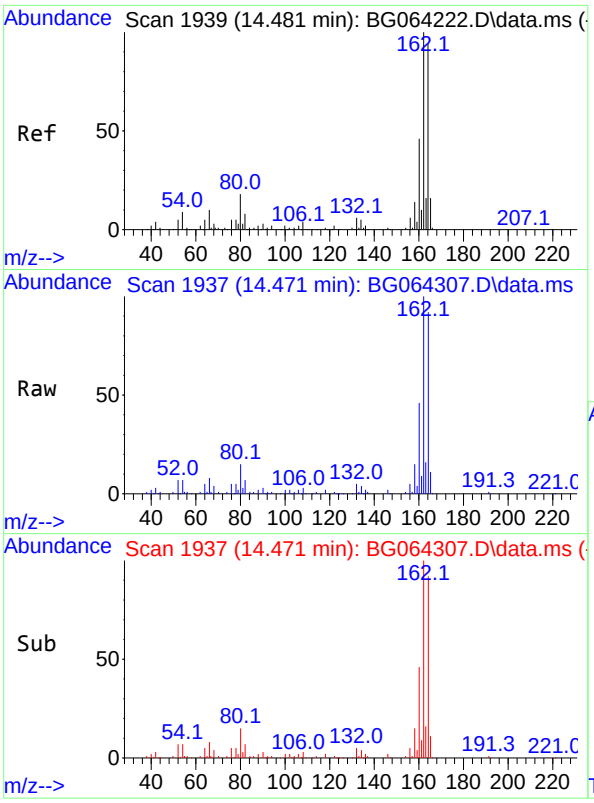


#23
Nitrobenzene-d5
Concen: 67.856 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.016 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion: 82 Resp: 136330

Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.6	48.8
54	71.2	54.7	82.1



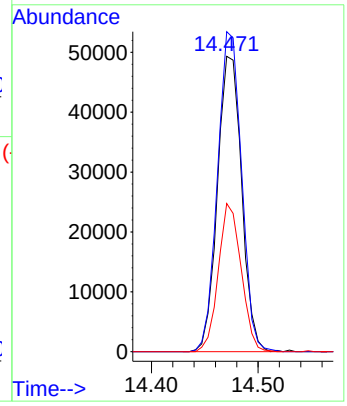


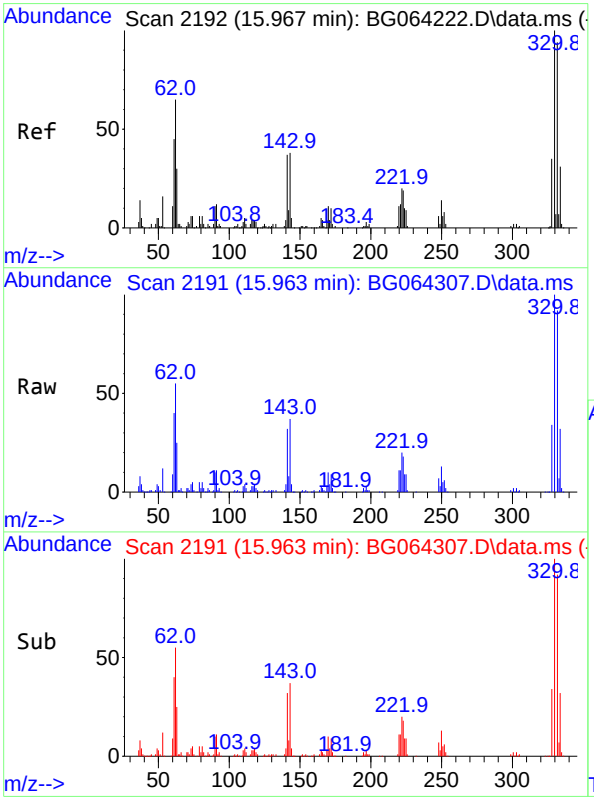
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.471 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 77766

Ion	Ratio	Lower	Upper
164	100		
162	108.3	85.4	128.0
160	50.2	39.2	58.8

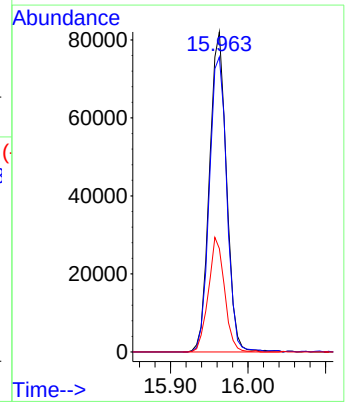


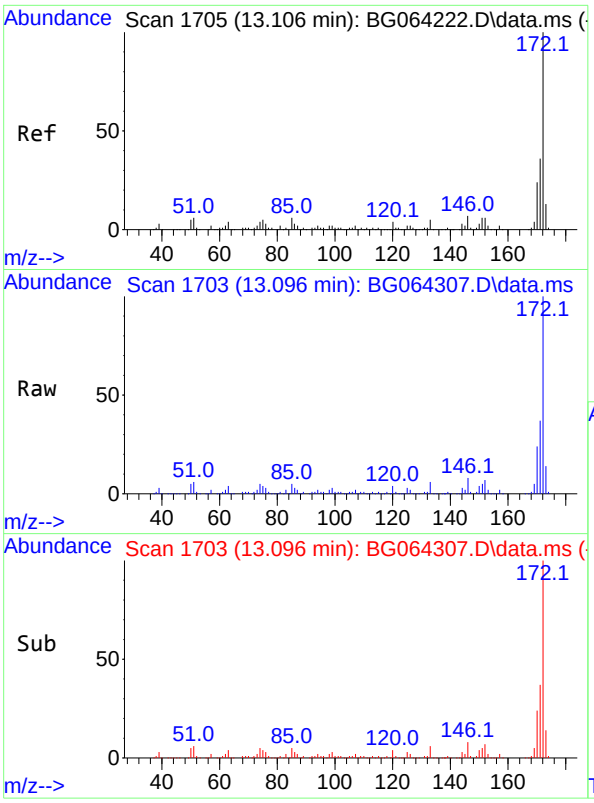


#42
2,4,6-Tribromophenol
Concen: 121.331 ng
RT: 15.963 min Scan# 2191
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion:330 Resp: 124977

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.6	116.4
141	34.0	29.8	44.6



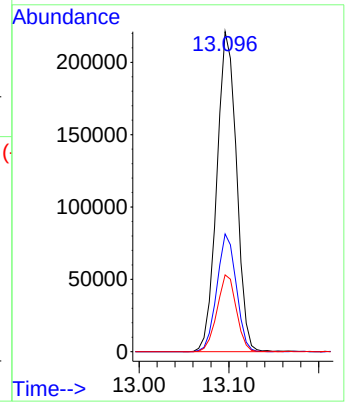


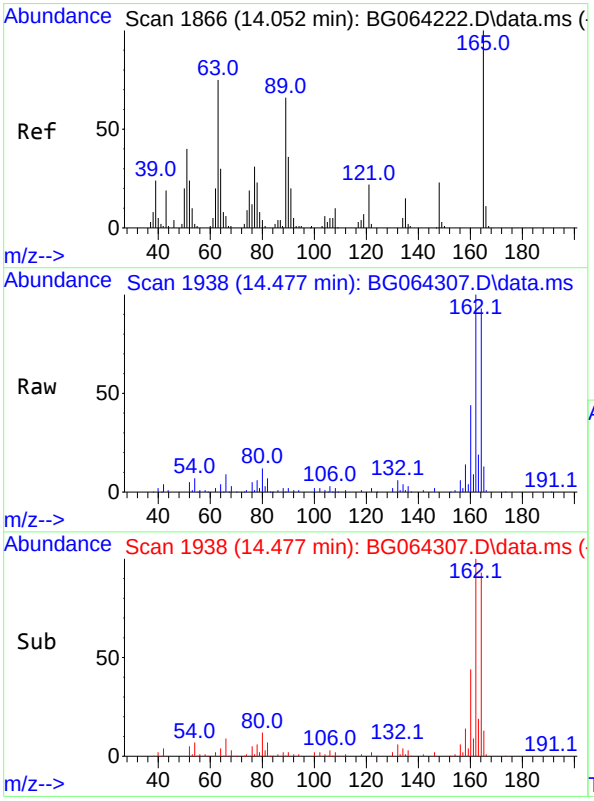
#45
2-Fluorobiphenyl
Concen: 66.031 ng
RT: 13.096 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 336420

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.7	43.1
170	24.0	19.0	28.6

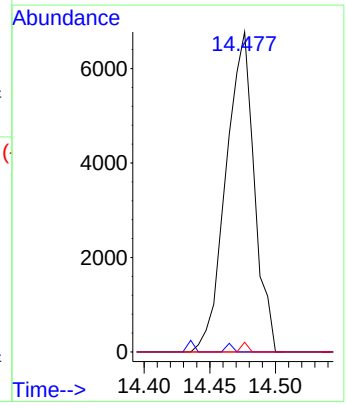


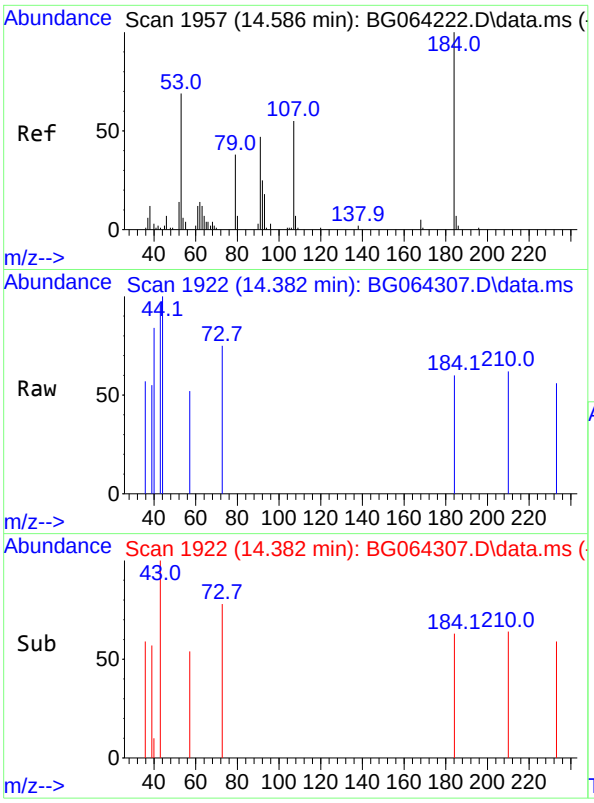


#51
2,6-Dinitrotoluene
Concen: 8.929 ng
RT: 14.477 min Scan# 1938
Delta R.T. 0.419 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion:165 Resp: 10175

Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.3	90.5#
89	3.1	52.9	79.3#



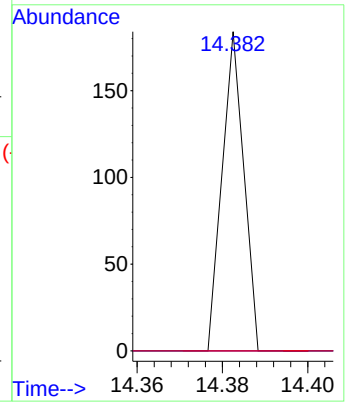


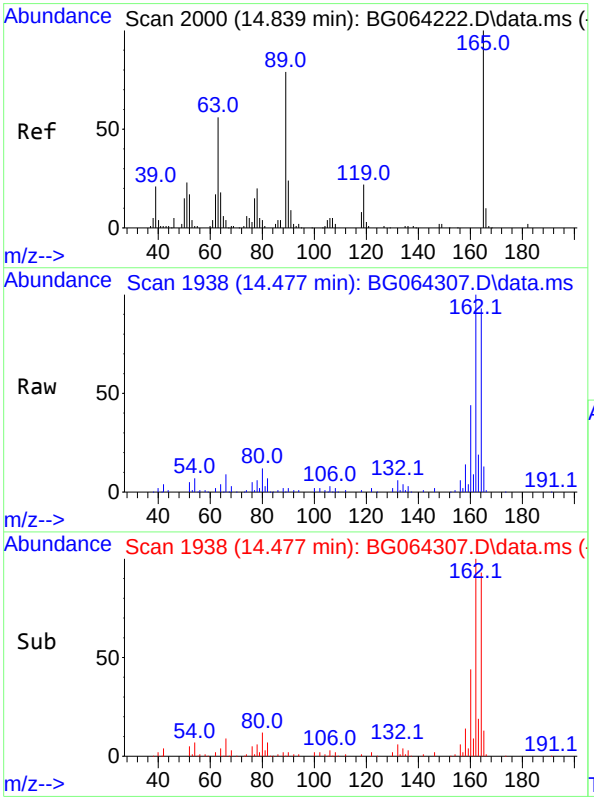
#54
2,4-Dinitrophenol
Concen: 5.733 ng
RT: 14.382 min Scan# 1
Delta R.T. -0.210 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

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#

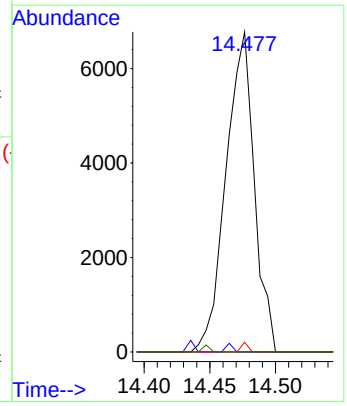


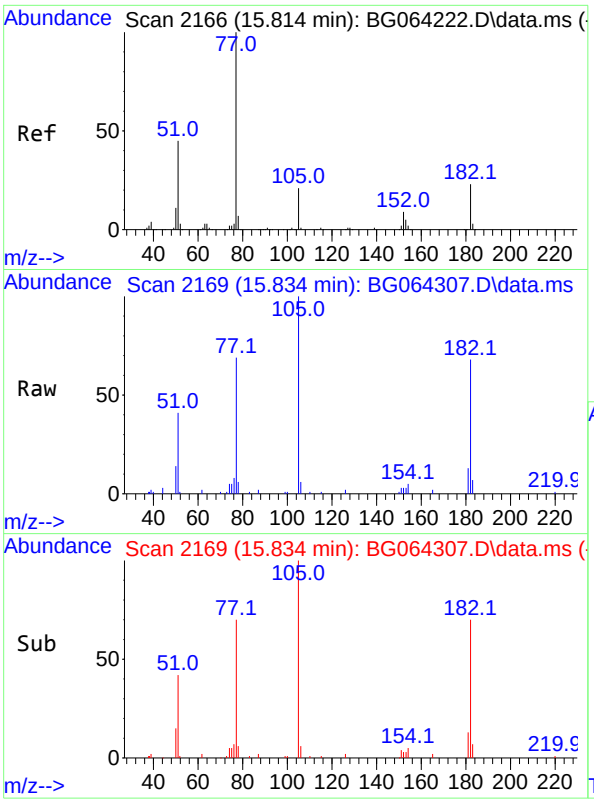


#57
2,4-Dinitrotoluene
Concen: 5.905 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.369 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion:165 Resp: 10175

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	3.1	63.0	94.4#
182	0.0	1.5	2.3#



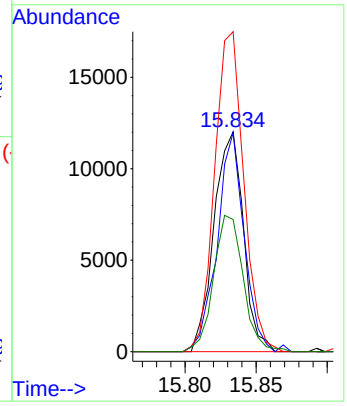


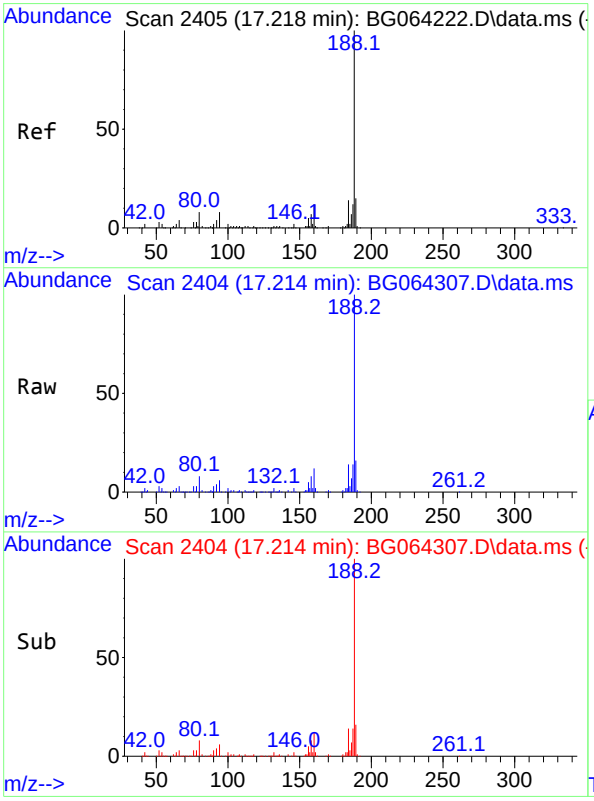
#63
Azobenzene
Concen: 3.067 ng
RT: 15.834 min Scan# 21
Delta R.T. 0.013 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 17222

Ion	Ratio	Lower	Upper
77	100		
182	99.6	3.3	43.3#
105	145.5	0.6	40.6#
51	60.1	25.3	65.3

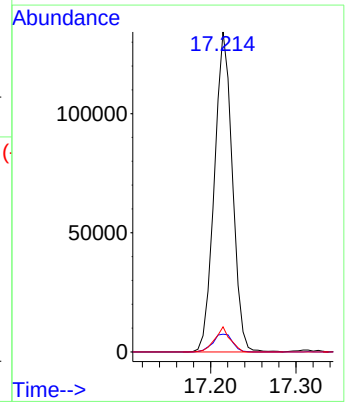


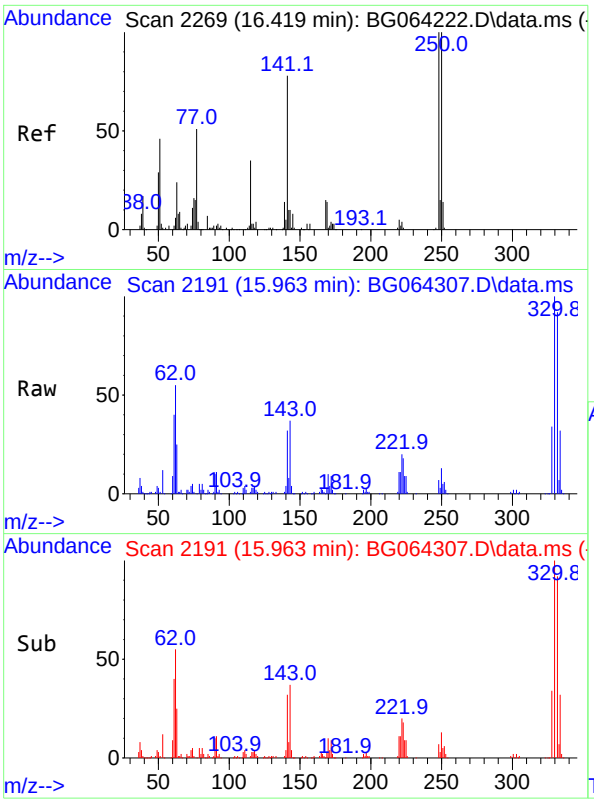


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.214 min Scan# 2404
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion:188 Resp: 196794

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.2	9.4#
80	7.9	6.8	10.2



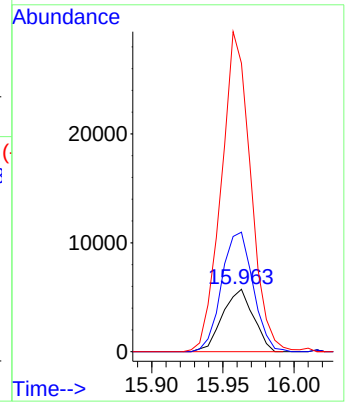


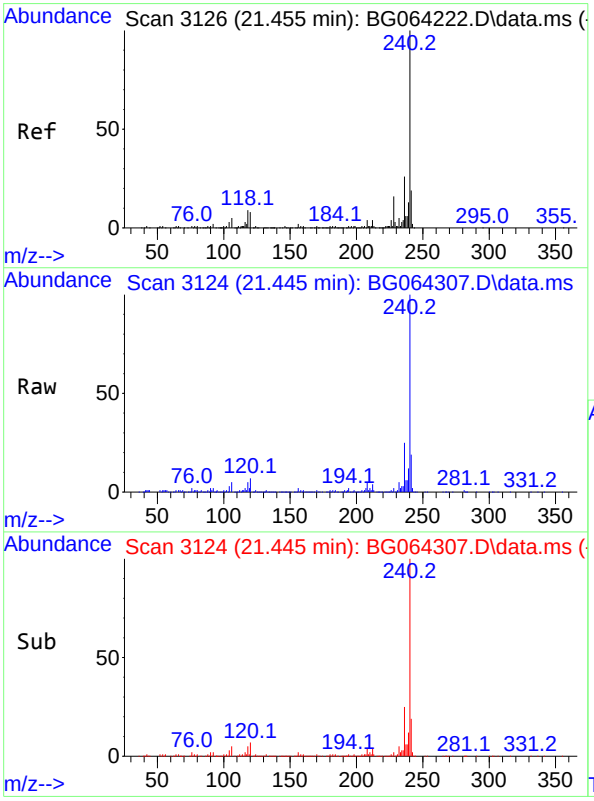
#67
4-Bromophenyl-phenylether
Concen: 4.135 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.457 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8642

Ion	Ratio	Lower	Upper
248	100		
250	191.6	80.2	120.4#
141	462.2	62.4	93.6#

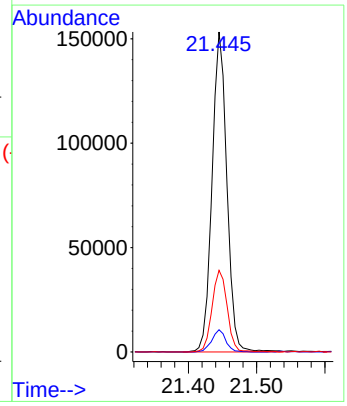


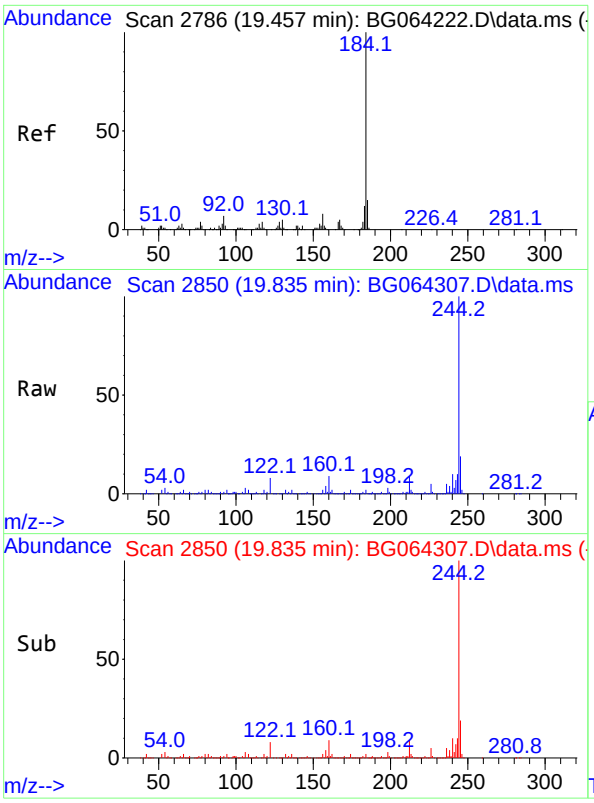


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion:240 Resp: 231122

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.2	9.4
236	25.5	20.5	30.7



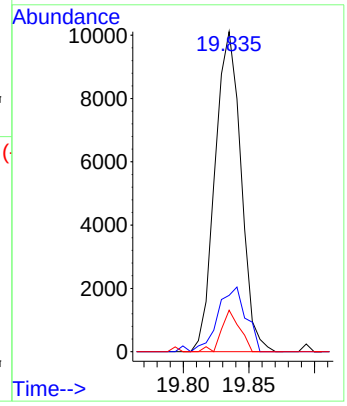


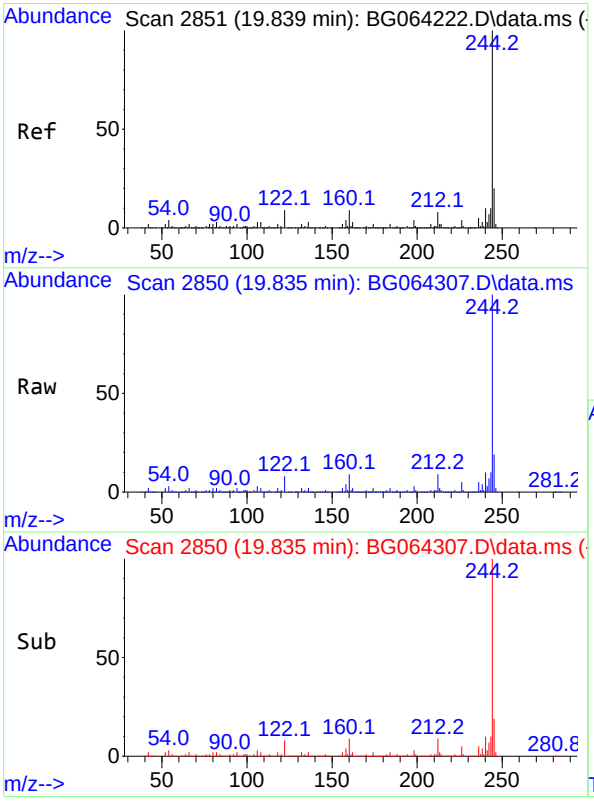
#77
Benzidine
Concen: 2.863 ng
RT: 19.835 min Scan# 2
Delta R.T. 0.378 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 13919

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.7	17.5#
183	12.9	9.7	14.5

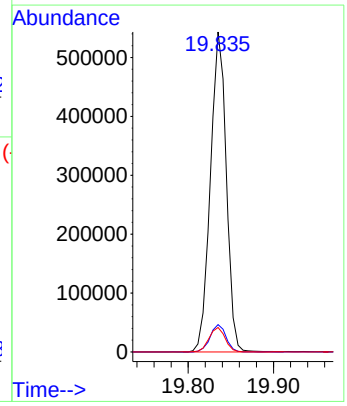


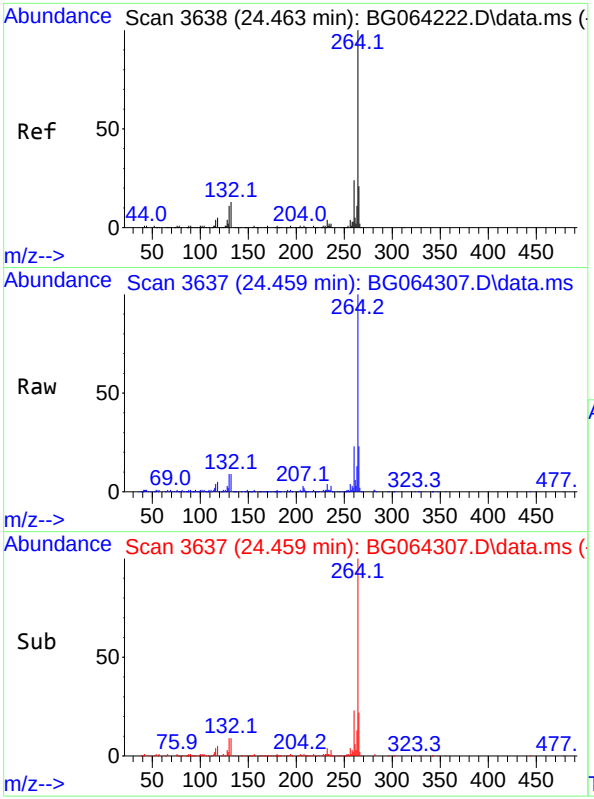


#79
Terphenyl-d14
Concen: 63.585 ng
RT: 19.835 min Scan# 2850
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion:244 Resp: 704388

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	7.6	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 259295

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	22.5	16.7	25.1