Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064065.D
Acq On : 7 Mar 2025 19:01
Operator : RC/JU
Sample : Q1514-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Quant Time: Mar 07 22:56:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	32518	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	142122	20.000	ng	# 0.00
39) Acenaphthene-d10	14.483	164	99745	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	240718	20.000	ng	0.00
76) Chrysene-d12	21.457	240	246568	20.000	ng	0.00
86) Perylene-d12	24.477	264	266034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	220587	105.921	ng	0.00
7) Phenol-d6	7.027	99	290337	102.481	ng	0.00
23) Nitrobenzene-d5	9.013	82	177550	69.038	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	130891	118.054	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	433761	66.008	ng	0.00
79) Terphenyl-d14	19.847	244	782644	64.181	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.013	70	24280	12.212	ng	# 72
26) 2-Nitrophenol	9.436	139	56	3.350	ng	# 26
48) 2-Nitroaniline	13.942	65	56	3.246	ng	# 11
51) 2,6-Dinitrotoluene	14.489	165	13867	11.991	ng	# 17
57) 2,4-Dinitrotoluene	14.489	165	13867	9.863	ng	# 17
63) Azobenzene	15.846	77	43045	5.047	ng	# 7
65) 4,6-Dinitro-2-methylph...	15.570	198	60	8.227	ng	# 23
67) 4-Bromophenyl-phenylether	15.969	248	8756	3.552	ng	# 1
77) Benzidine	19.847	184	14302	4.189	ng	# 91
80) Butylbenzylphthalate	20.546	149	122	3.656	ng	# 72

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Mar 07 22:56:42 2025
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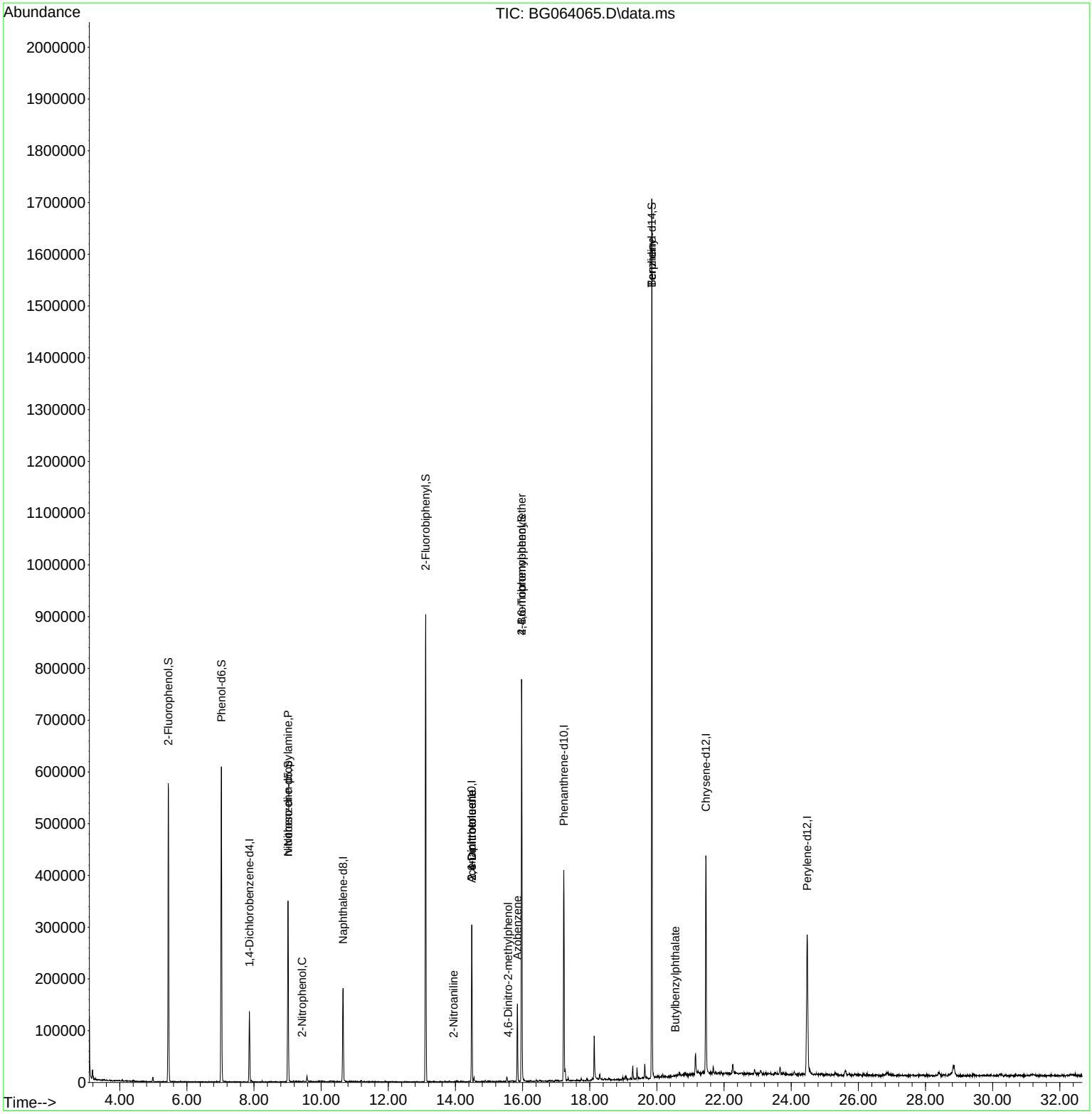
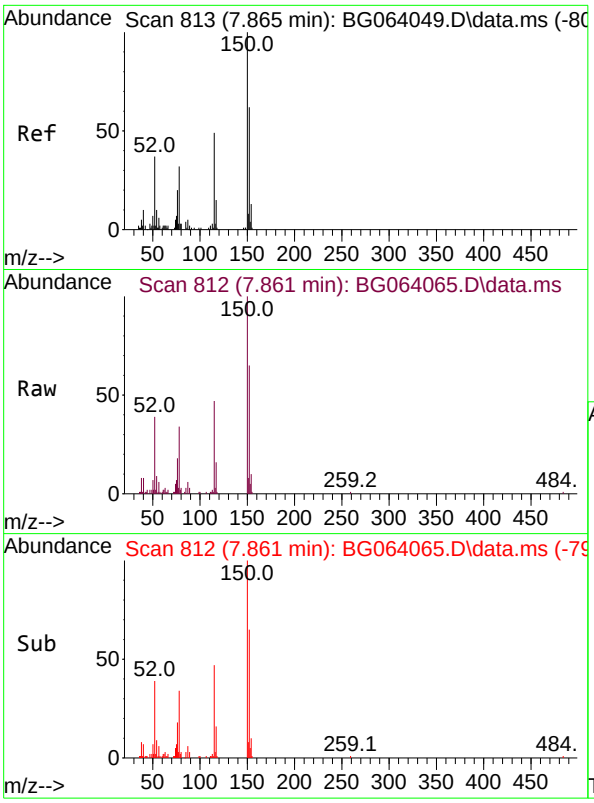


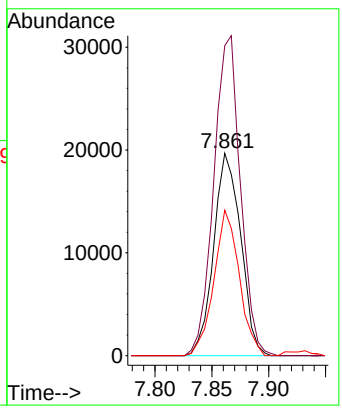


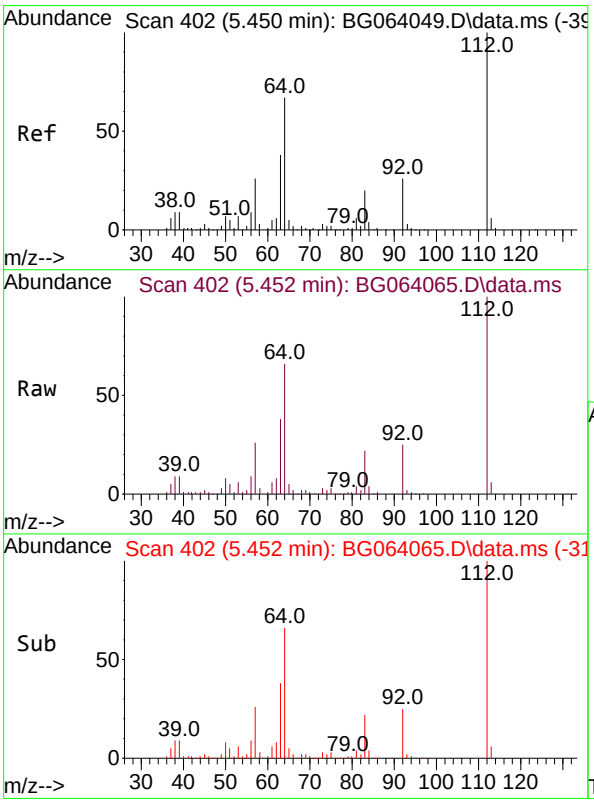
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:152 Resp: 32518

Ion	Ratio	Lower	Upper
152	100		
150	153.3	129.2	193.8
115	71.9	63.0	94.6

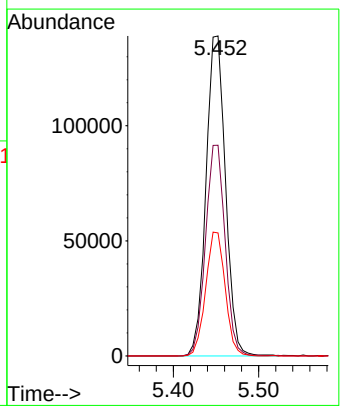


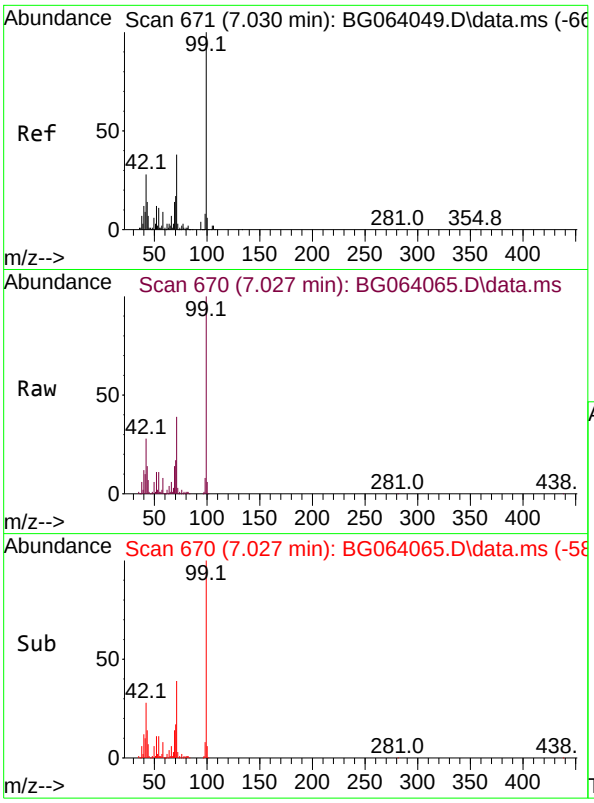


#5
2-Fluorophenol
Concen: 105.921 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:112 Resp: 220587

Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.7	80.5
63	38.4	30.2	45.4



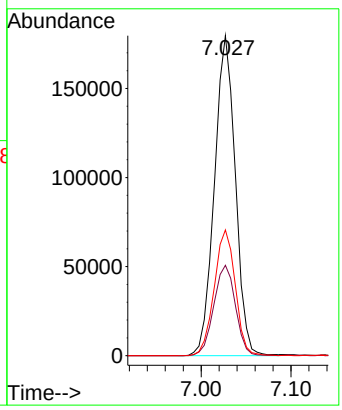


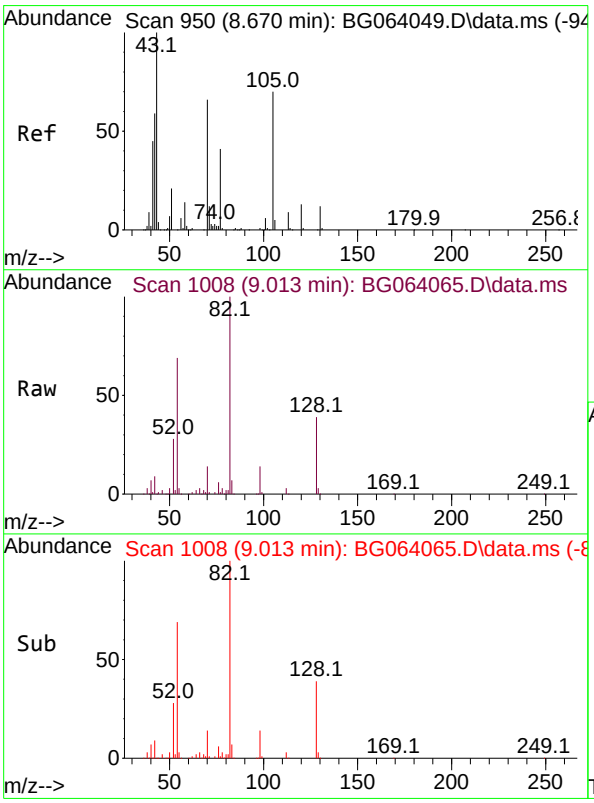
#7
Phenol-d6
Concen: 102.481 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion: 99 Resp: 290337

Ion	Ratio	Lower	Upper
99	100		
42	28.3	22.7	34.1
71	39.3	30.6	46.0

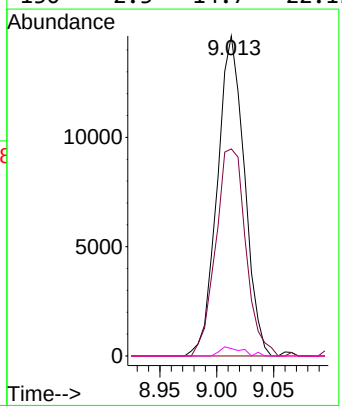


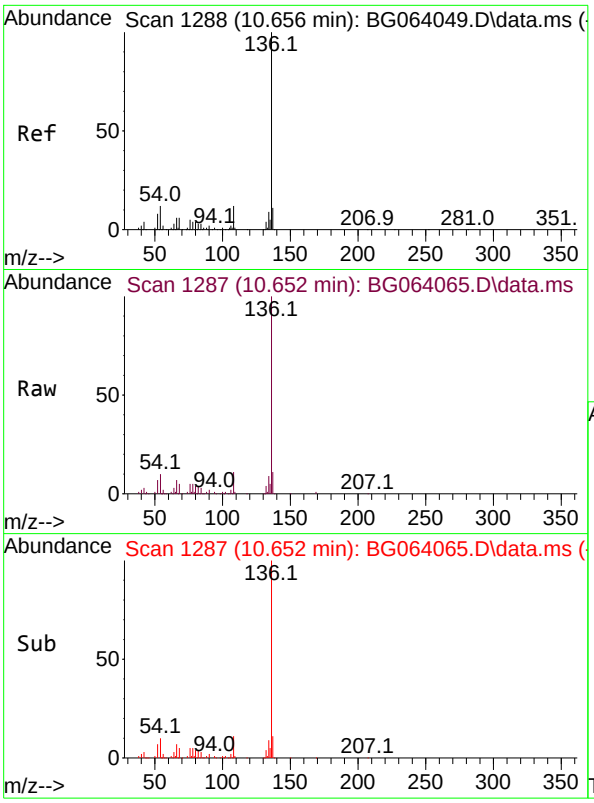


#19
n-Nitroso-di-n-propylamine
Concen: 12.212 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.343 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion: 70 Resp: 24280

Ion	Ratio	Lower	Upper
70	100		
42	64.7	72.1	108.1#
101	0.0	7.2	10.8#
130	2.3	14.7	22.1#



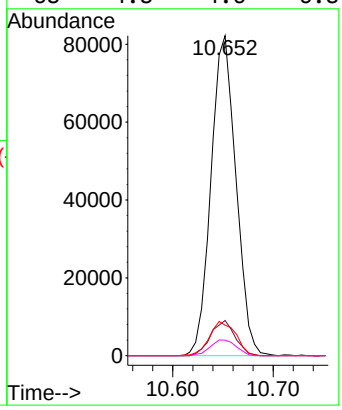


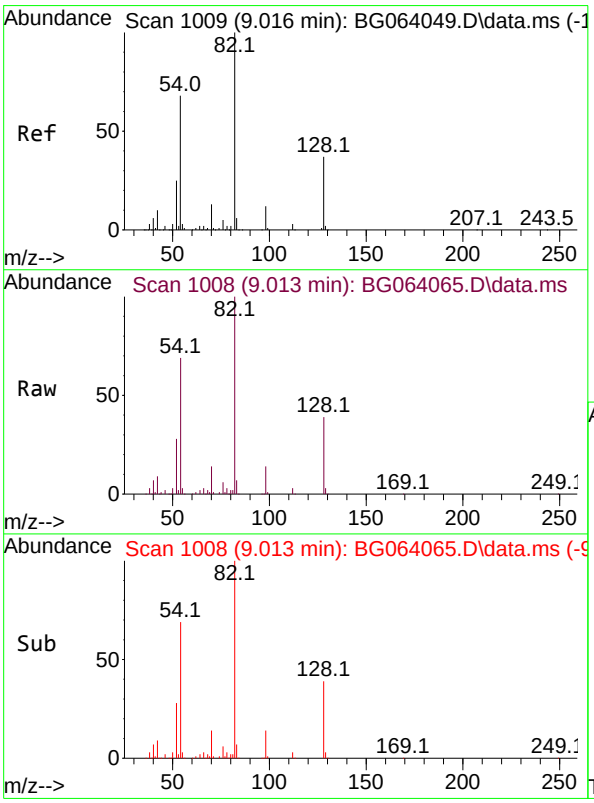
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:136 Resp: 142122

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.6	9.9	14.9#
68	4.8	4.6	6.8

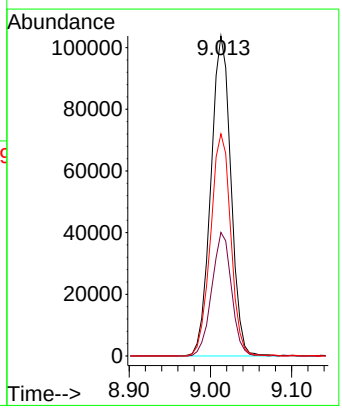


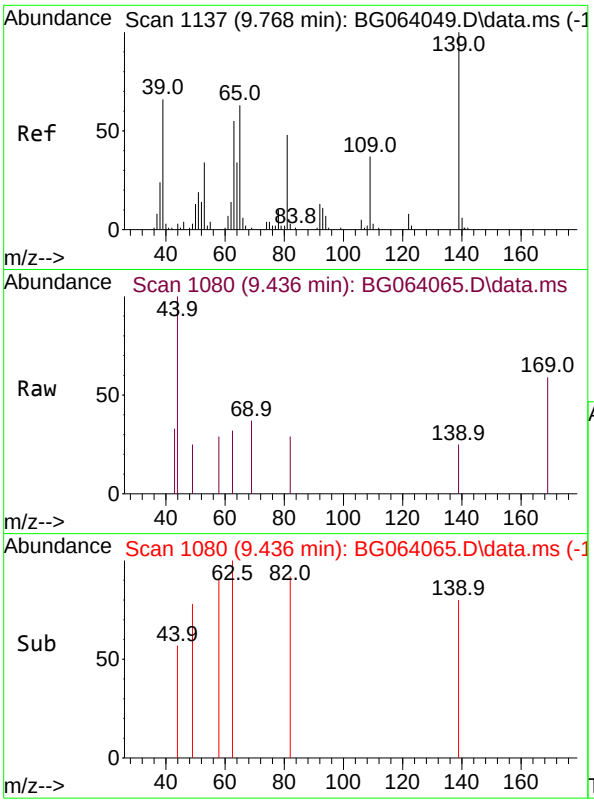


#23
Nitrobenzene-d5
Concen: 69.038 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion: 82 Resp: 177550

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.0	45.0
54	69.4	54.7	82.1



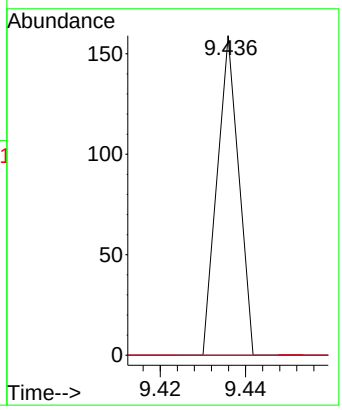


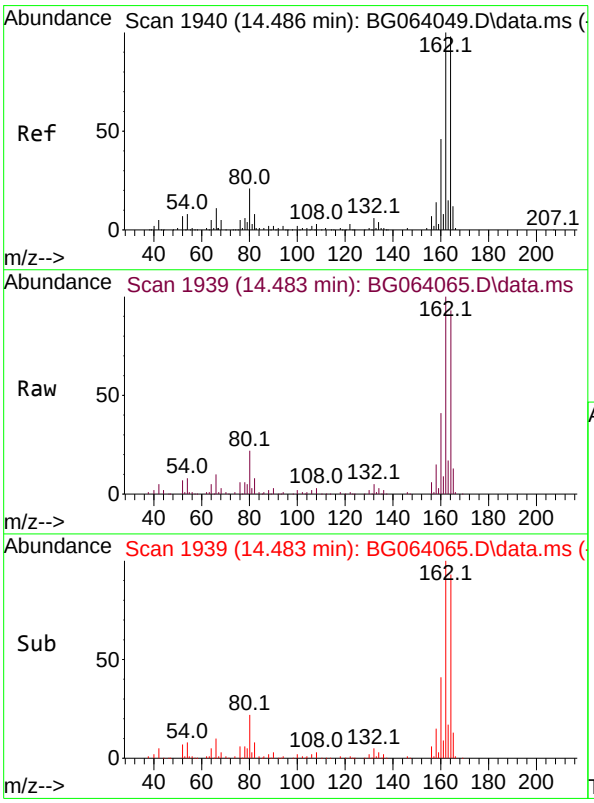
#26
2-Nitrophenol
Concen: 3.350 ng
RT: 9.436 min Scan# 1
Delta R.T. -0.332 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:139 Resp: 56

Ion	Ratio	Lower	Upper
139	100		
109	0.0	29.9	44.9#
65	0.0	50.6	76.0#

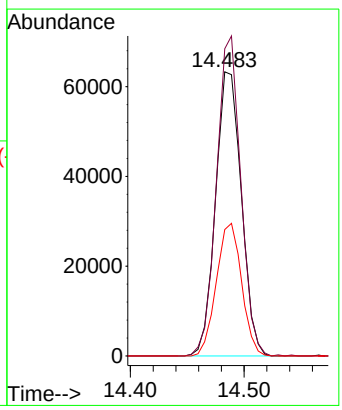


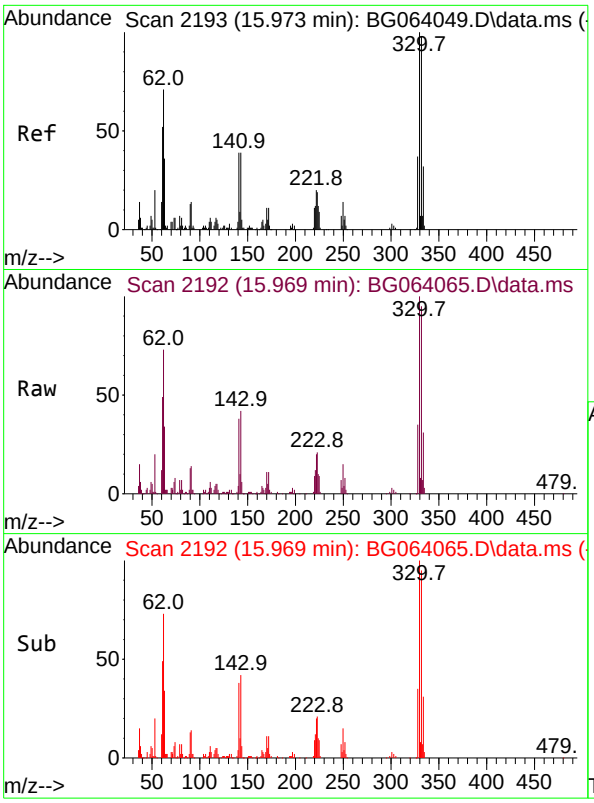


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:164 Resp: 99745

Ion	Ratio	Lower	Upper
164	100		
162	108.1	81.4	122.0
160	44.5	37.0	55.6



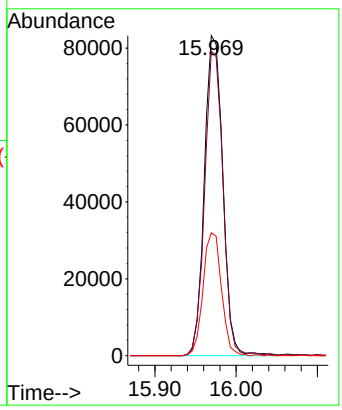


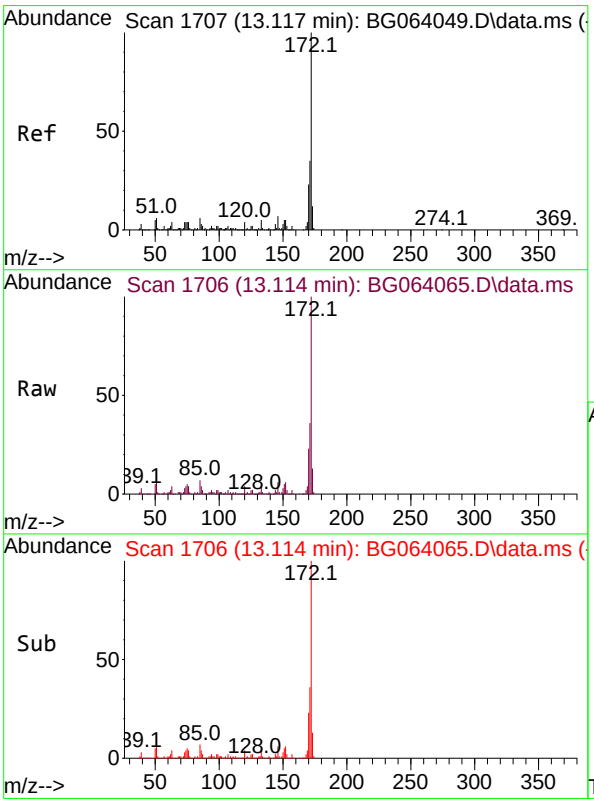
#42
2,4,6-Tribromophenol
Concen: 118.054 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:330 Resp: 130891

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.7	115.1
141	38.3	29.7	44.5

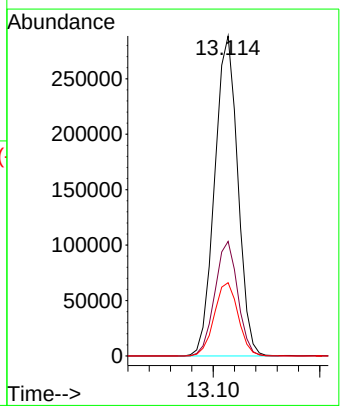


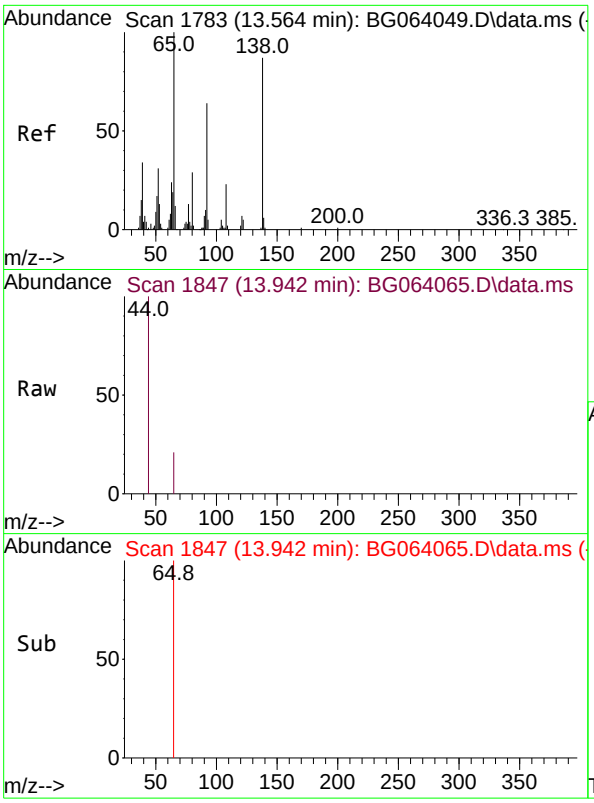


#45
2-Fluorobiphenyl
Concen: 66.008 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:172 Resp: 433761

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.0	42.0
170	22.9	18.7	28.1



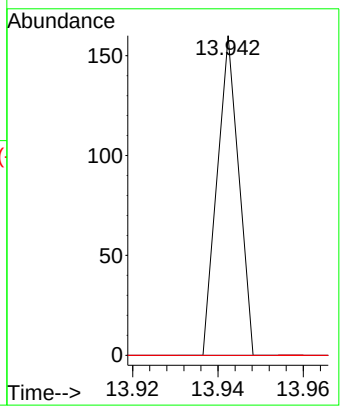


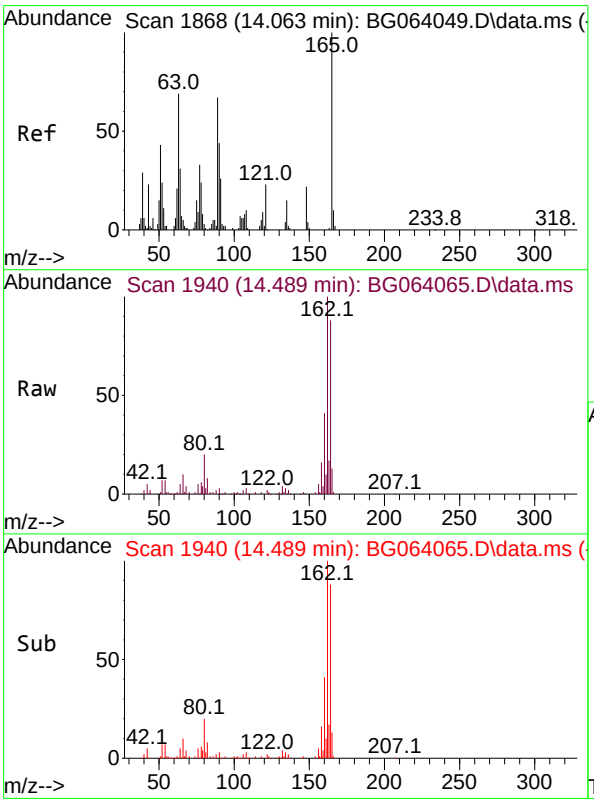
#48
2-Nitroaniline
Concen: 3.246 ng
RT: 13.942 min Scan# 1
Delta R.T. 0.378 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion: 65 Resp: 56

Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.2	76.8#
138	0.0	69.4	104.2#

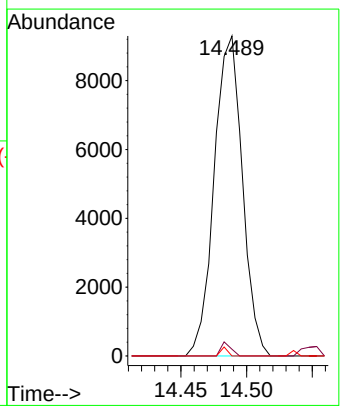


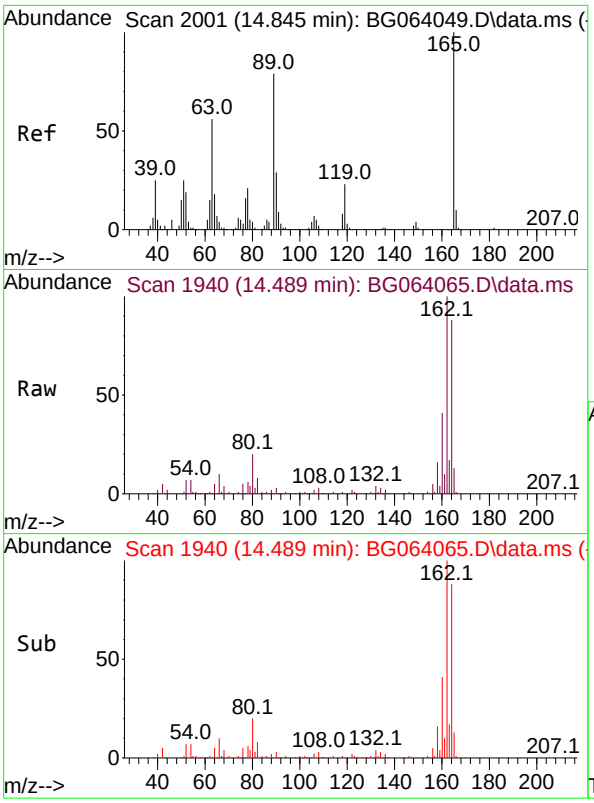


#51
2,6-Dinitrotoluene
Concen: 11.991 ng
RT: 14.489 min Scan# 1940
Delta R.T. 0.426 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:165 Resp: 13867

Ion	Ratio	Lower	Upper
165	100		
63	2.1	56.7	85.1#
89	0.0	53.7	80.5#



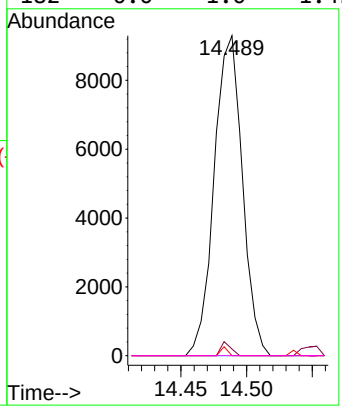


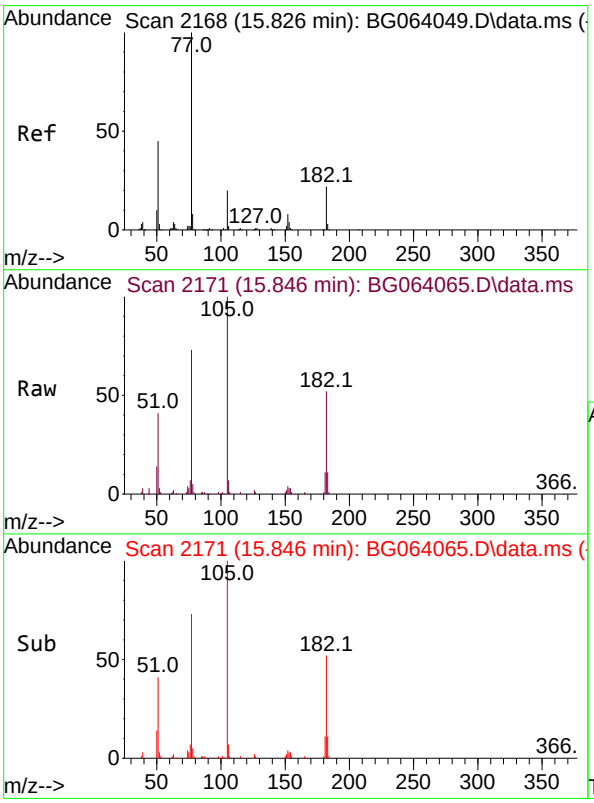
#57
2,4-Dinitrotoluene
Concen: 9.863 ng
RT: 14.489 min Scan# 1
Delta R.T. -0.356 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:165 Resp: 13867

Ion	Ratio	Lower	Upper
165	100		
63	2.1	45.0	67.6#
89	0.0	63.1	94.7#
182	0.0	1.0	1.4#

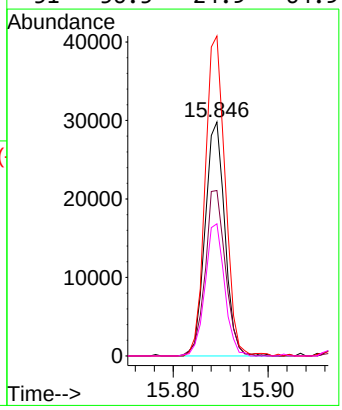


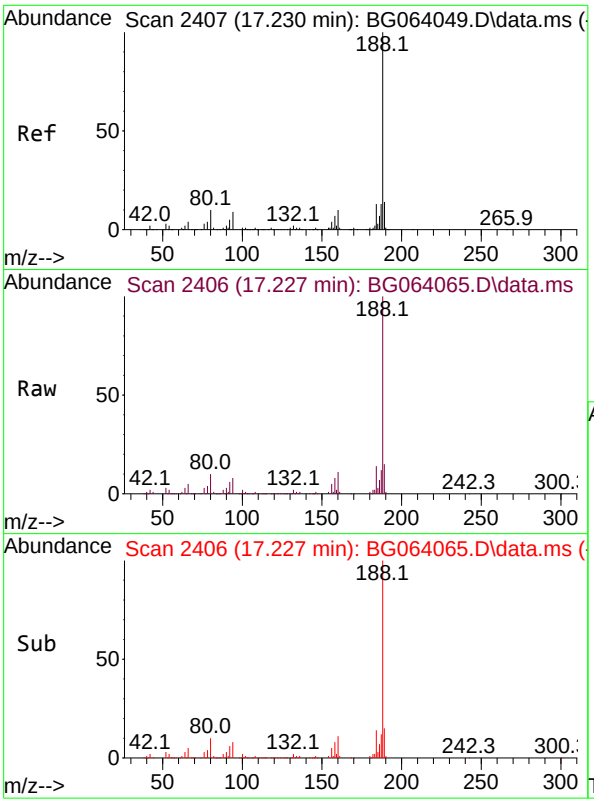


#63
Azobenzene
Concen: 5.047 ng
RT: 15.846 min Scan# 2171
Delta R.T. 0.020 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion: 77 Resp: 43045

Ion	Ratio	Lower	Upper
77	100		
182	70.7	2.4	42.4#
105	136.8	0.0	40.0#
51	56.5	24.9	64.9



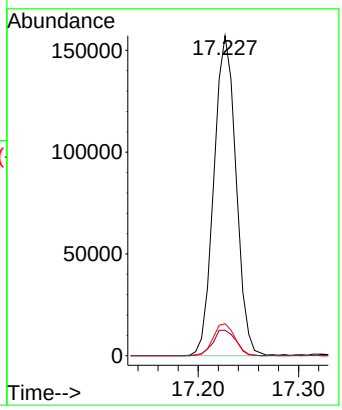


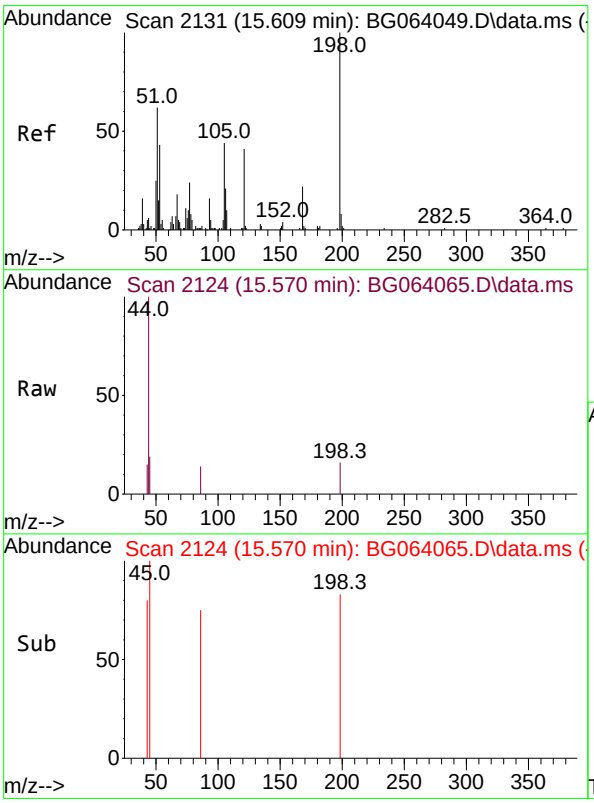
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:188 Resp: 240718

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	10.0	8.1	12.1

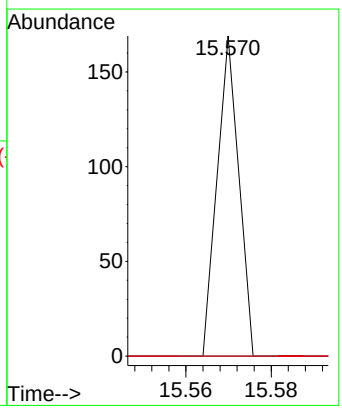


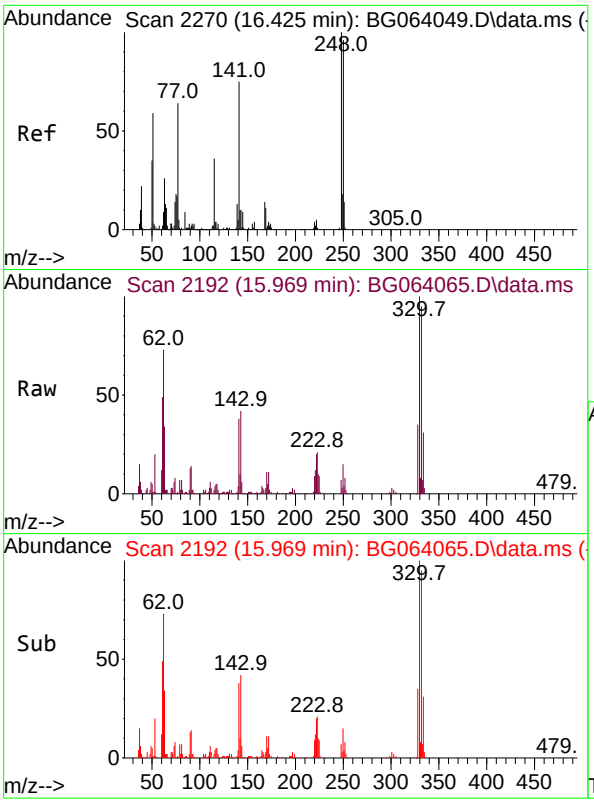


#65
4,6-Dinitro-2-methylphenol
Concen: 8.227 ng
RT: 15.570 min Scan# 2124
Delta R.T. -0.039 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:198 Resp: 60

Ion	Ratio	Lower	Upper
198	100		
51	0.0	45.6	85.6#
105	0.0	25.3	65.3#



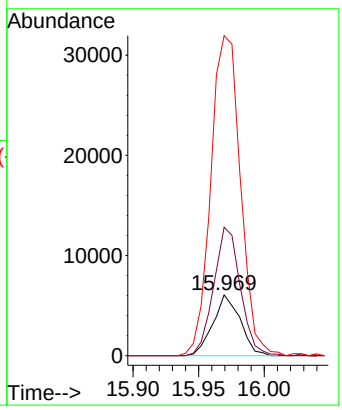


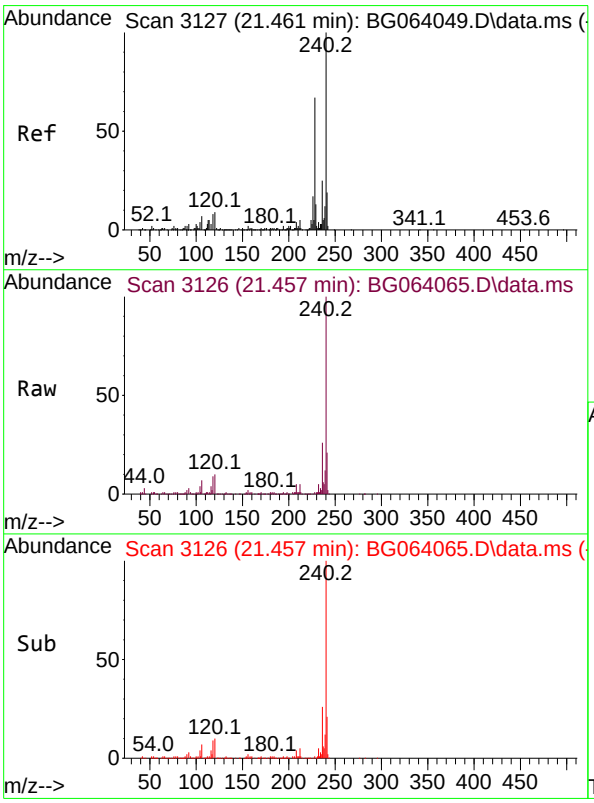
#67
4-Bromophenyl-phenylether
Concen: 3.552 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:248 Resp: 8756

Ion	Ratio	Lower	Upper
248	100		
250	211.6	77.1	115.7#
141	526.7	59.8	89.8#

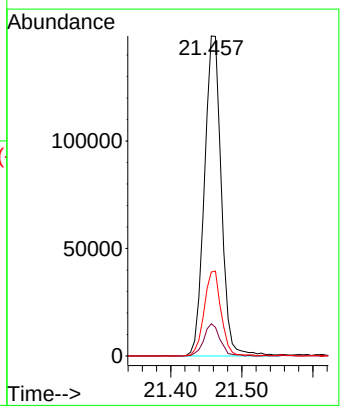


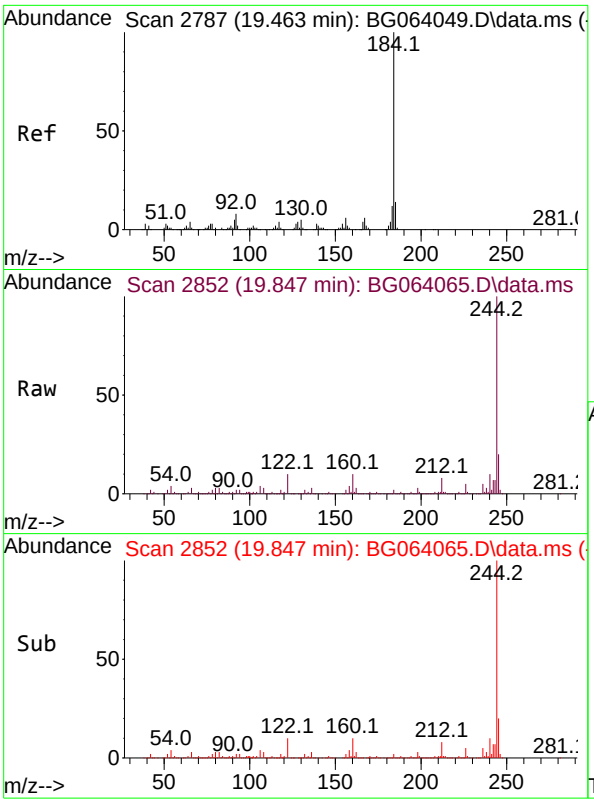


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:240 Resp: 246568

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.2	10.8
236	26.3	20.2	30.2



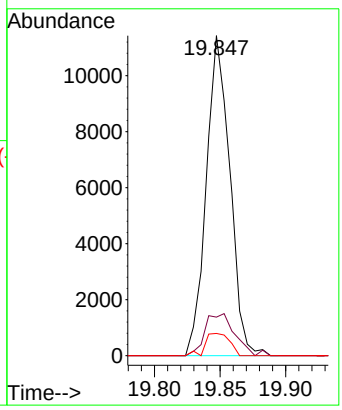


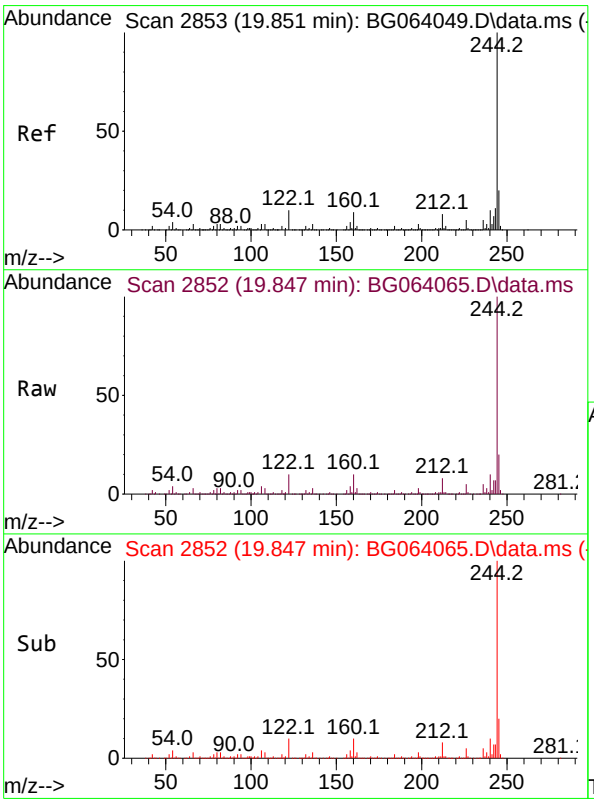
#77
Benzidine
Concen: 4.189 ng
RT: 19.847 min Scan# 2
Delta R.T. 0.384 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:184 Resp: 14302

Ion	Ratio	Lower	Upper
184	100		
185	12.1	11.3	16.9
183	6.9	9.5	14.3#

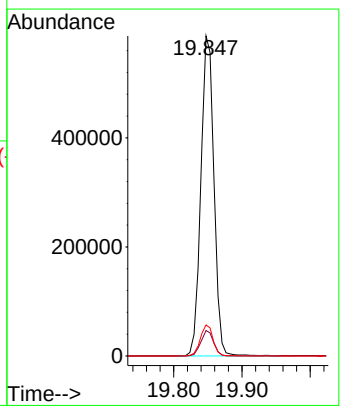


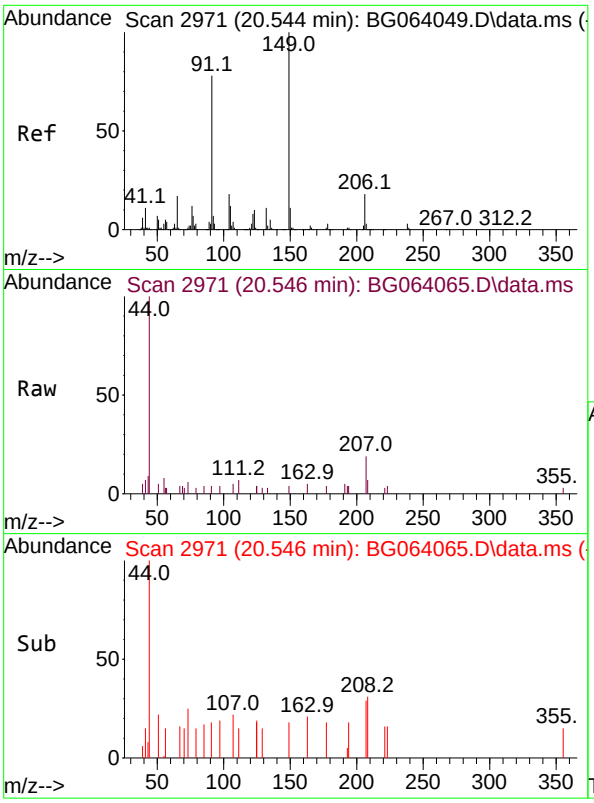


#79
Terphenyl-d14
Concen: 64.181 ng
RT: 19.847 min Scan# 2852
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:244 Resp: 782644

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.4
122	9.7	8.0	12.0



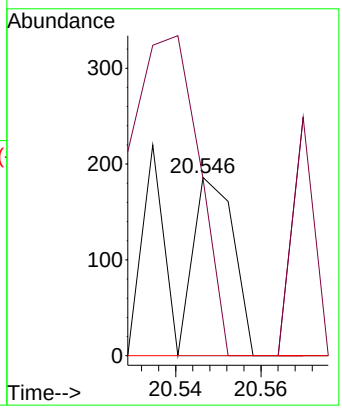


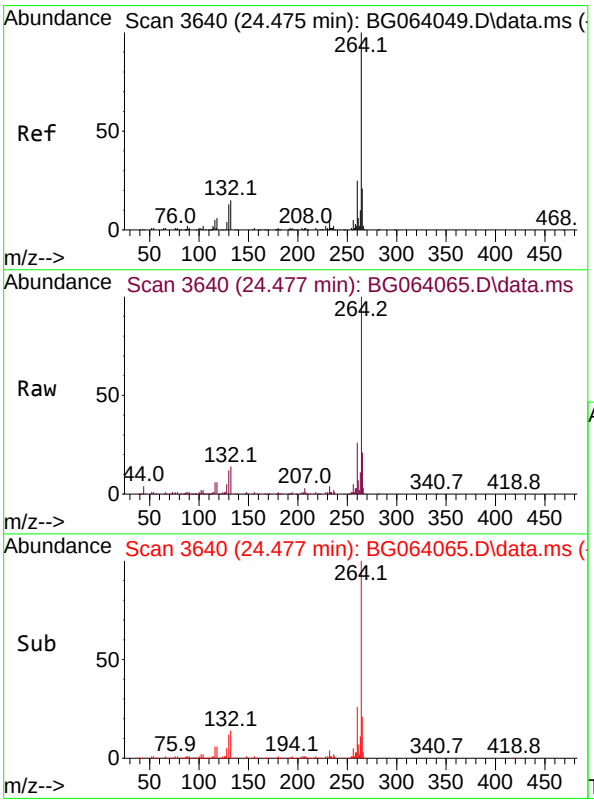
#80
Butylbenzylphthalate
Concen: 3.656 ng
RT: 20.546 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:149 Resp: 122

Ion	Ratio	Lower	Upper
149	100		
91	99.5	62.0	93.0#
206	0.0	14.6	21.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3640
Delta R.T. 0.002 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:264 Resp: 266034

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.6	29.4
265	21.2	16.6	25.0