Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064080.D
Acq On : 10 Mar 2025 14:23
Operator : RC/JU
Sample : Q1488-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Quant Time: Mar 10 16:01:18 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	7.862	152	31568	20.000	ng	0.00
21) Naphthalene-d8	10.653	136	132922	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	86428	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	203951	20.000	ng	0.00
76) Chrysene-d12	21.458	240	230232	20.000	ng	0.00
86) Perylene-d12	24.472	264	240357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	280962	138.972	ng	0.00
7) Phenol-d6	7.027	99	334052	121.459	ng	0.00
23) Nitrobenzene-d5	9.013	82	249192	103.601	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	156619	163.025	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	548379	96.308	ng	0.00
79) Terphenyl-d14	19.848	244	1128017	99.067	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.013	70	35226	18.250	ng	# 72
26) 2-Nitrophenol	9.254	139	139	3.461	ng	# 26
32) Benzoic acid	9.965	122	54	8.723	ng	# 56
48) 2-Nitroaniline	13.684	65	55	3.251	ng	# 11
51) 2,6-Dinitrotoluene	14.483	165	12157	12.093	ng	# 17
57) 2,4-Dinitrotoluene	14.483	165	12157	9.936	ng	# 18
65) 4,6-Dinitro-2-methylph...	15.976	198	685	8.824	ng	# 11
67) 4-Bromophenyl-phenylether	15.970	248	9788	4.686	ng	# 1
77) Benzidine	19.848	184	20709	6.496	ng	# 89
80) Butylbenzylphthalate	20.523	149	73	3.650	ng	# 20

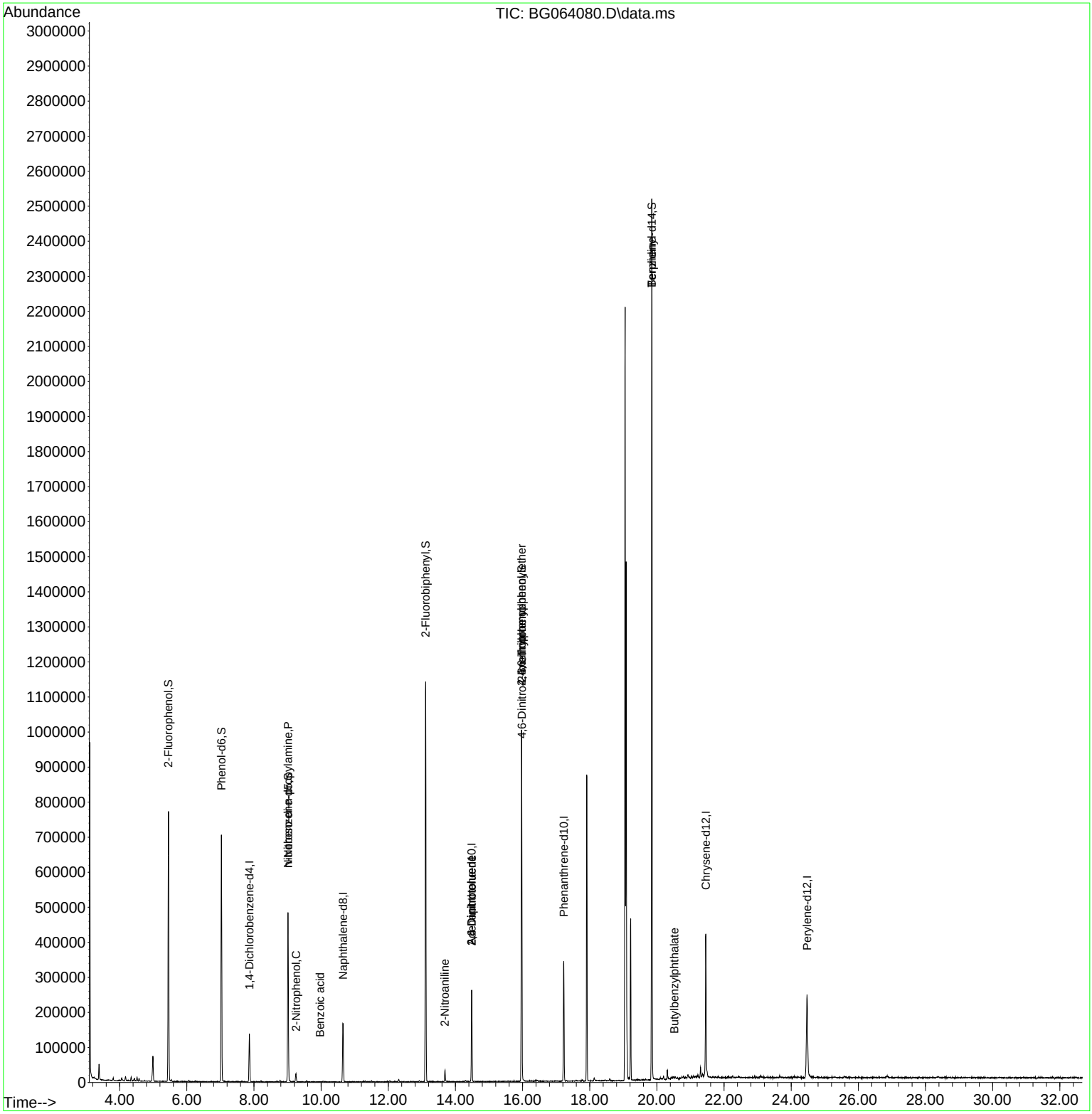
(#) = qualifier out of range (m) = manual integration (+) = signals summed

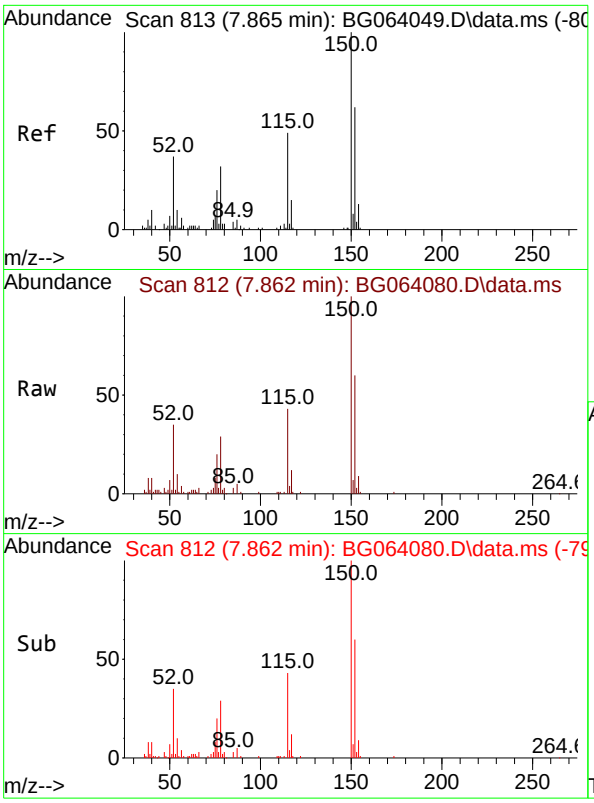
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064080.D
Acq On : 10 Mar 2025 14:23
Operator : RC/JU
Sample : Q1488-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Quant Time: Mar 10 16:01:18 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



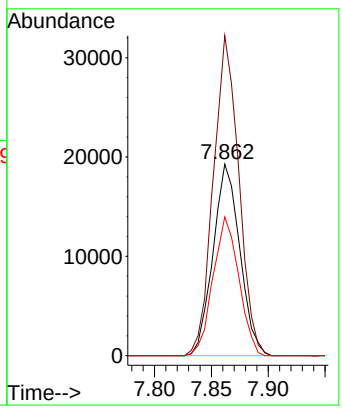


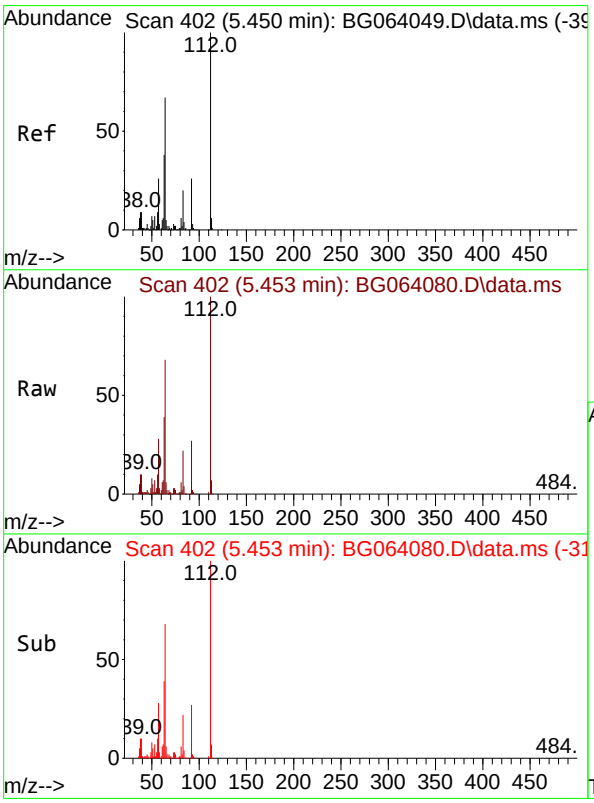
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.862 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:152 Resp: 31568

Ion	Ratio	Lower	Upper
152	100		
150	167.1	129.2	193.8
115	72.4	63.0	94.6

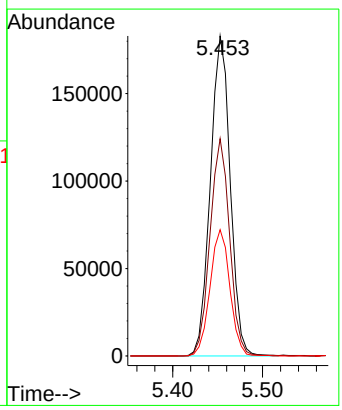


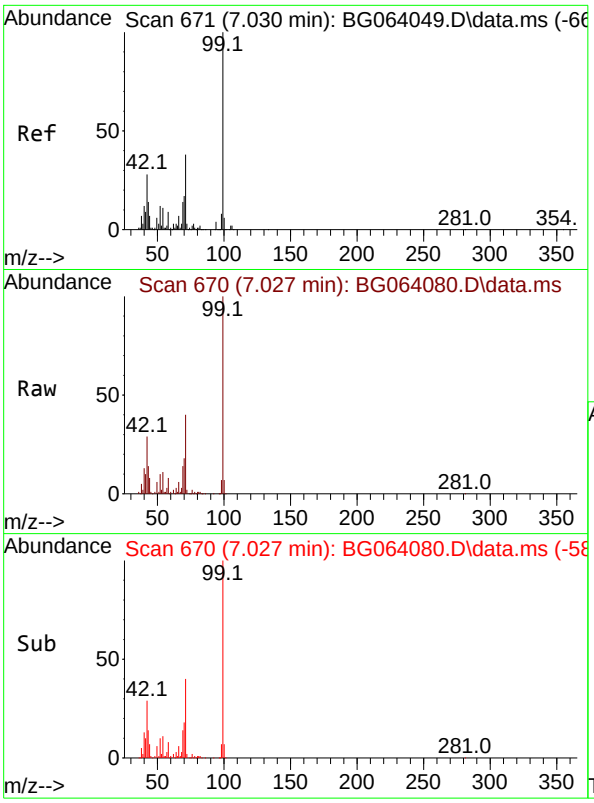


#5
2-Fluorophenol
Concen: 138.972 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion:112 Resp: 280962

Ion	Ratio	Lower	Upper
112	100		
64	67.9	53.7	80.5
63	39.5	30.2	45.4



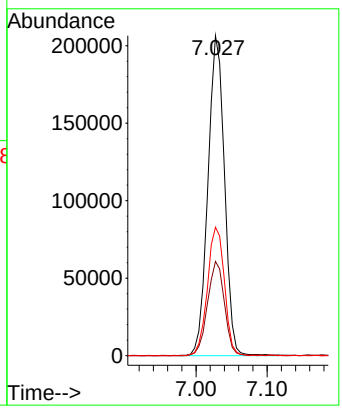


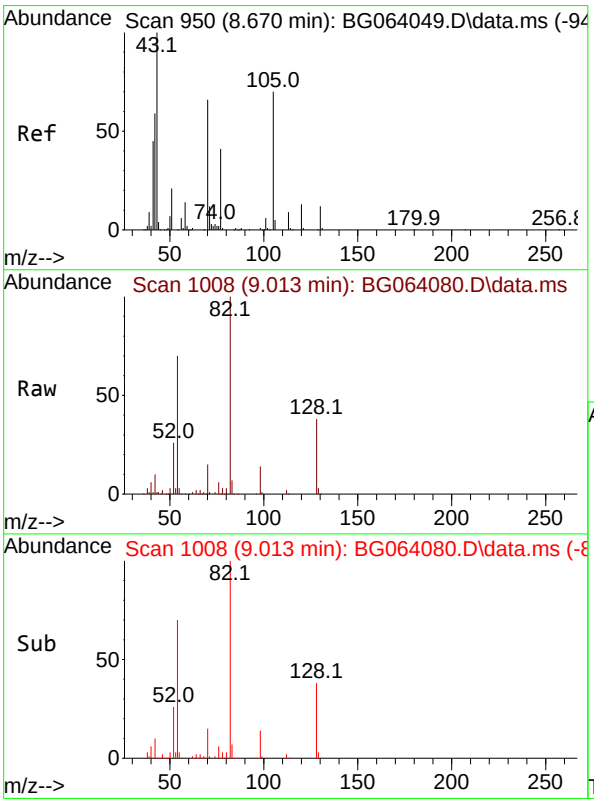
#7
Phenol-d6
Concen: 121.459 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion: 99 Resp: 334052

Ion	Ratio	Lower	Upper
99	100		
42	29.5	22.7	34.1
71	40.1	30.6	46.0

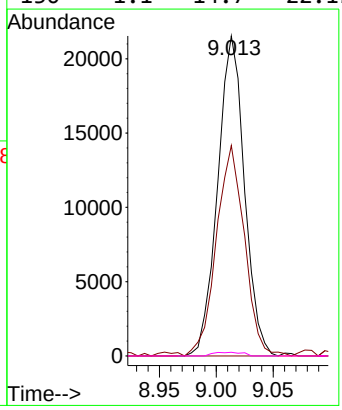


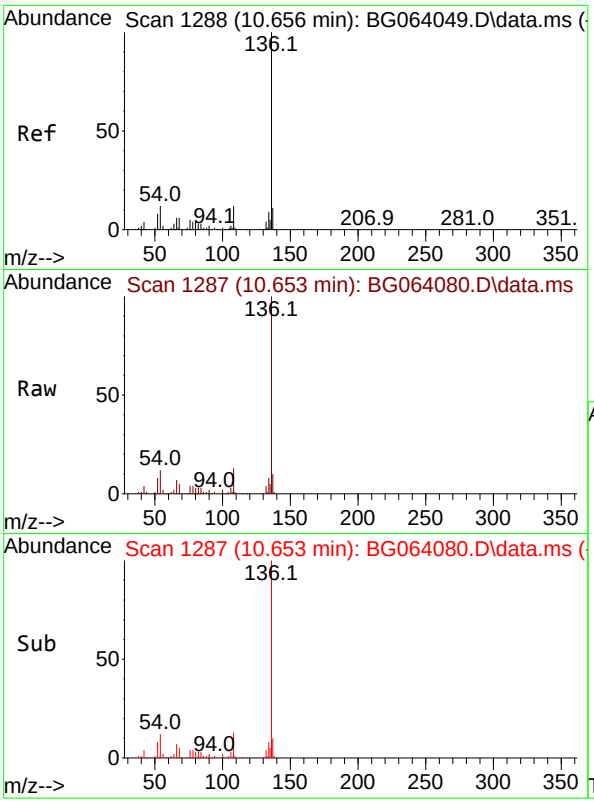


#19
n-Nitroso-di-n-propylamine
Concen: 18.250 ng
RT: 9.013 min Scan# 1008
Delta R.T. 0.344 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion: 70 Resp: 35226

Ion	Ratio	Lower	Upper
70	100		
42	65.7	72.1	108.1#
101	0.0	7.2	10.8#
130	1.1	14.7	22.1#



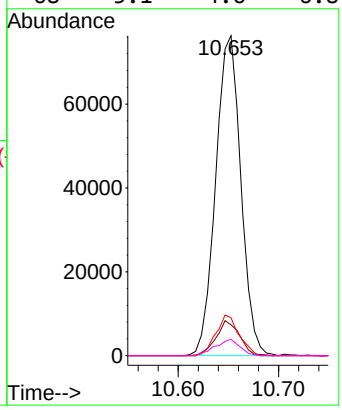


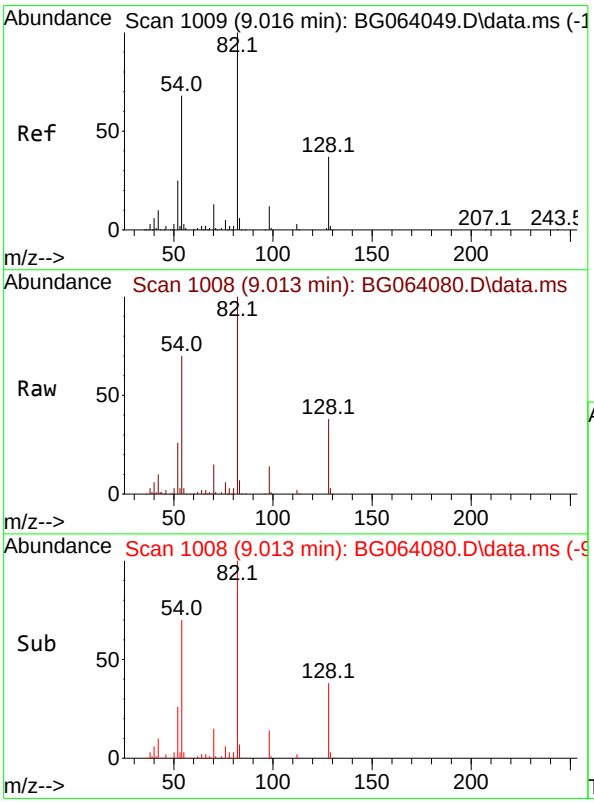
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.653 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:136 Resp: 132922

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.5	12.7
54	11.8	9.9	14.9
68	5.1	4.6	6.8

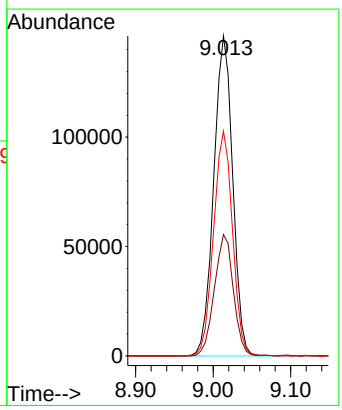


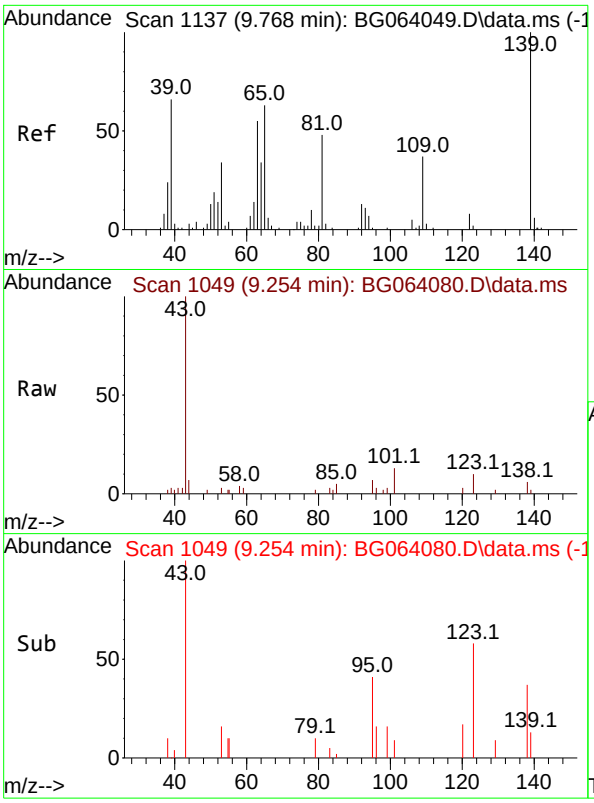


#23
Nitrobenzene-d5
Concen: 103.601 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion: 82 Resp: 249192

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	70.3	54.7	82.1



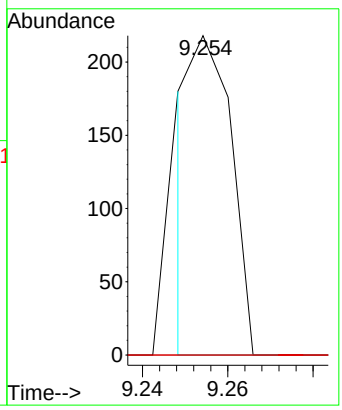


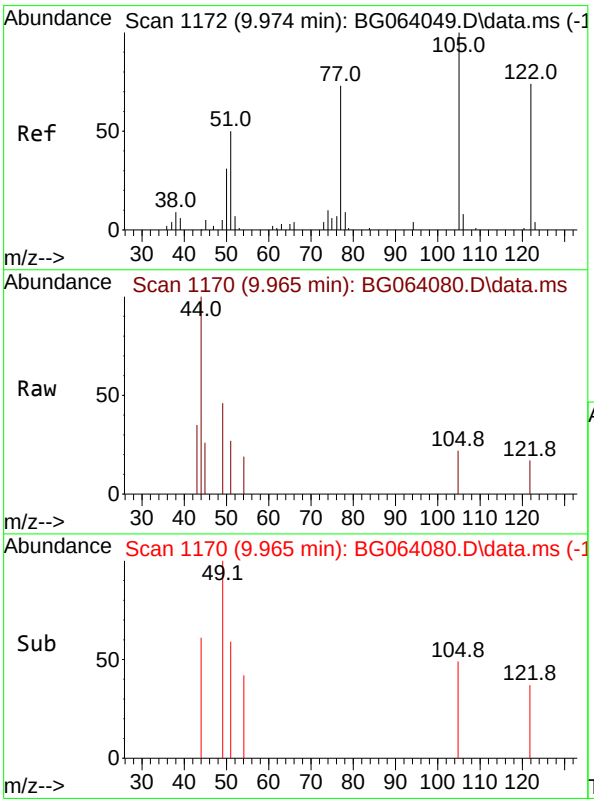
#26
2-Nitrophenol
Concen: 3.461 ng
RT: 9.254 min Scan# 1
Delta R.T. -0.514 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:139 Resp: 139

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

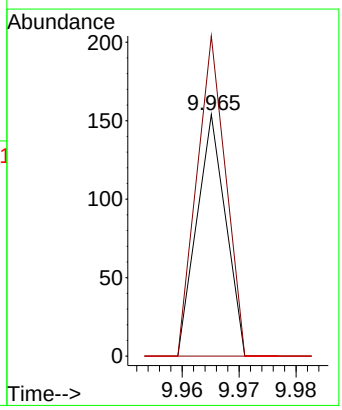


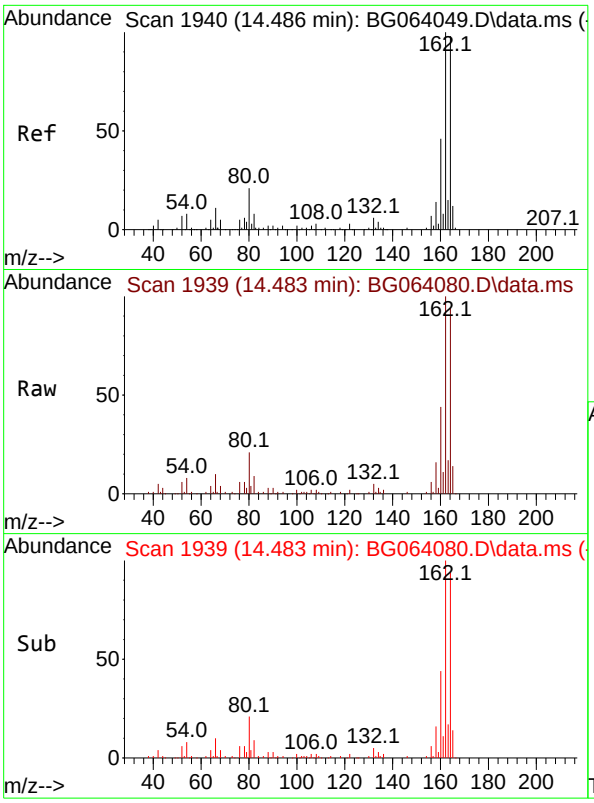


#32
Benzoic acid
Concen: 8.723 ng
RT: 9.965 min Scan# 1170
Delta R.T. -0.009 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion:122 Resp: 54

Ion	Ratio	Lower	Upper
122	100		
105	132.5	115.0	155.0
77	0.0	80.9	120.9#



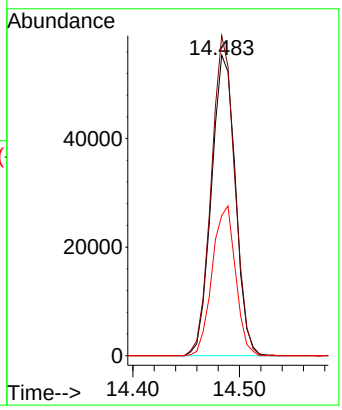


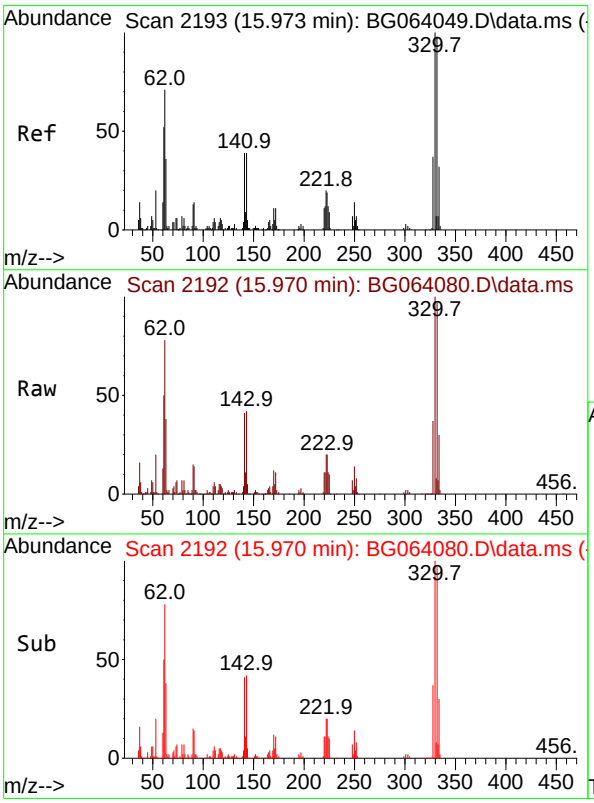
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:164 Resp: 86428

Ion	Ratio	Lower	Upper
164	100		
162	106.5	81.4	122.0
160	46.6	37.0	55.6

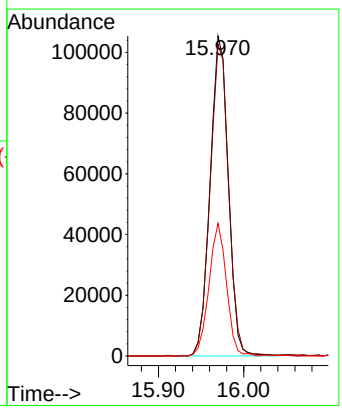


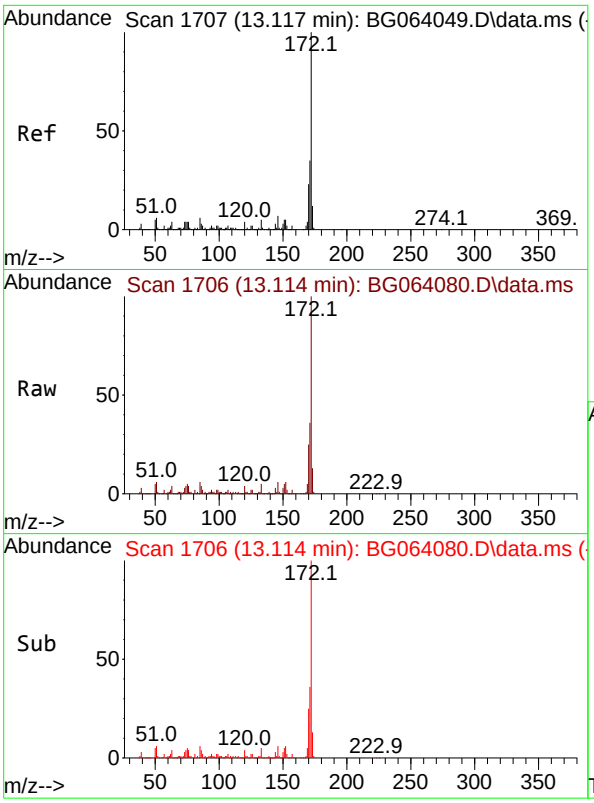


#42
2,4,6-Tribromophenol
Concen: 163.025 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion:330 Resp: 156619

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.7	115.1
141	39.6	29.7	44.5



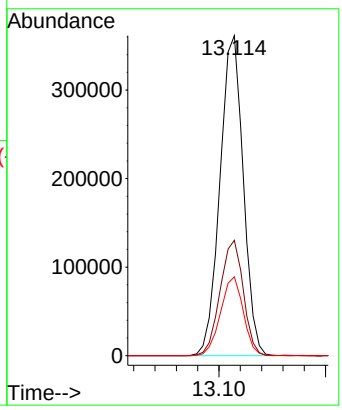


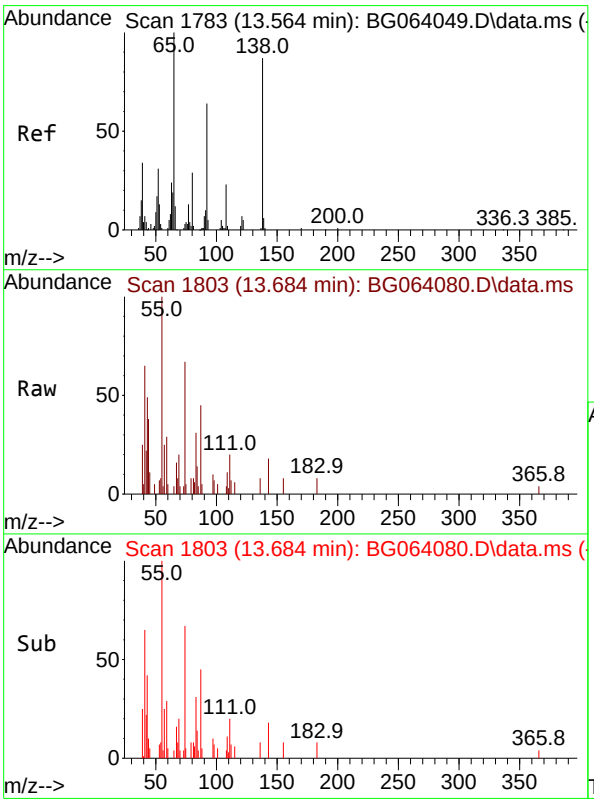
#45
2-Fluorobiphenyl
Concen: 96.308 ng
RT: 13.114 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:172 Resp: 548379

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.0	42.0
170	24.7	18.7	28.1

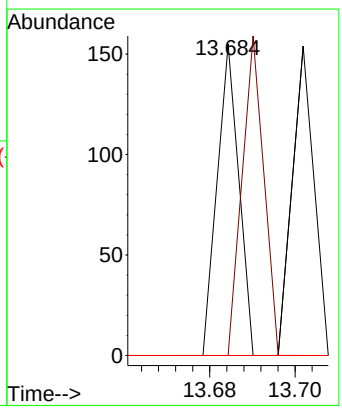


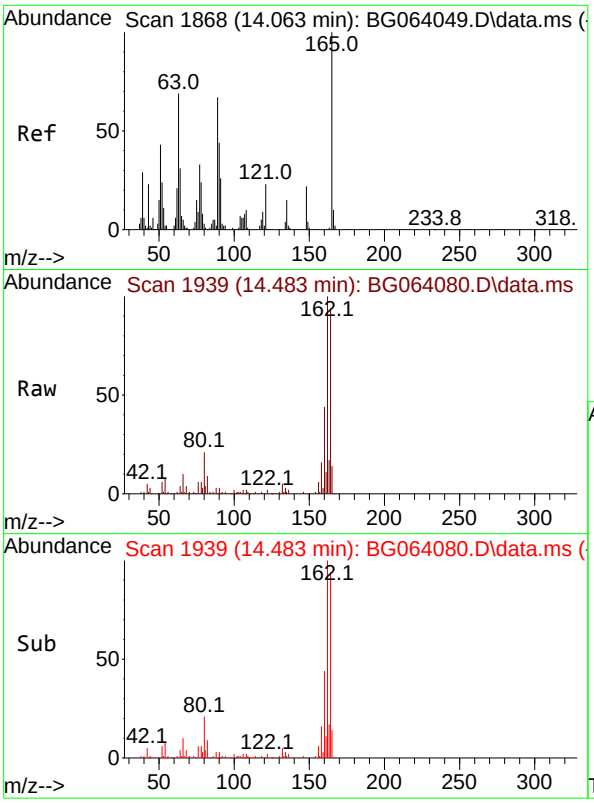


#48
2-Nitroaniline
Concen: 3.251 ng
RT: 13.684 min Scan# 1803
Delta R.T. 0.120 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion: 65 Resp: 55

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



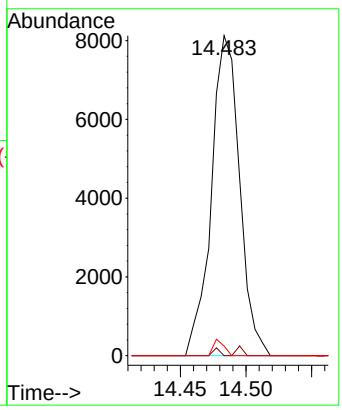


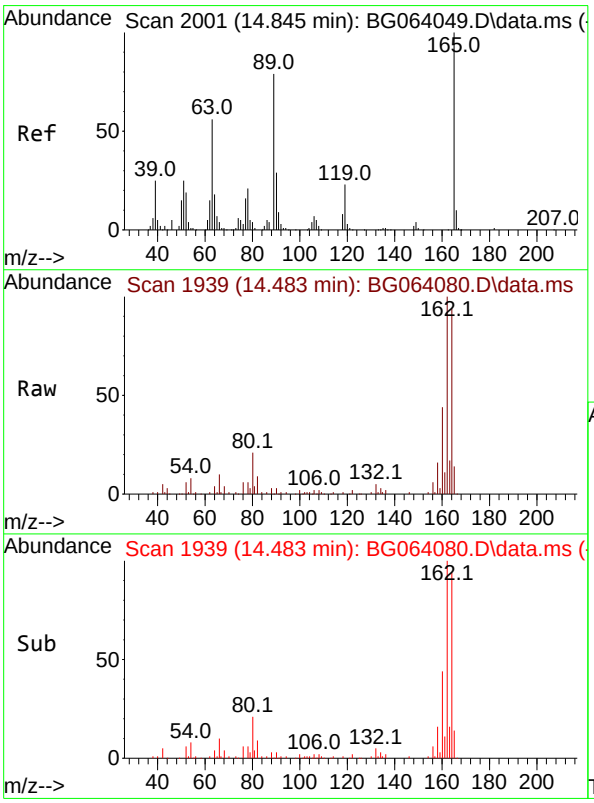
#51
2,6-Dinitrotoluene
Concen: 12.093 ng
RT: 14.483 min Scan# 1
Delta R.T. 0.420 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:165 Resp: 12157

Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.7	85.1#
89	3.0	53.7	80.5#

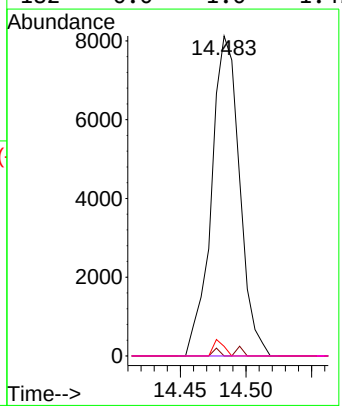


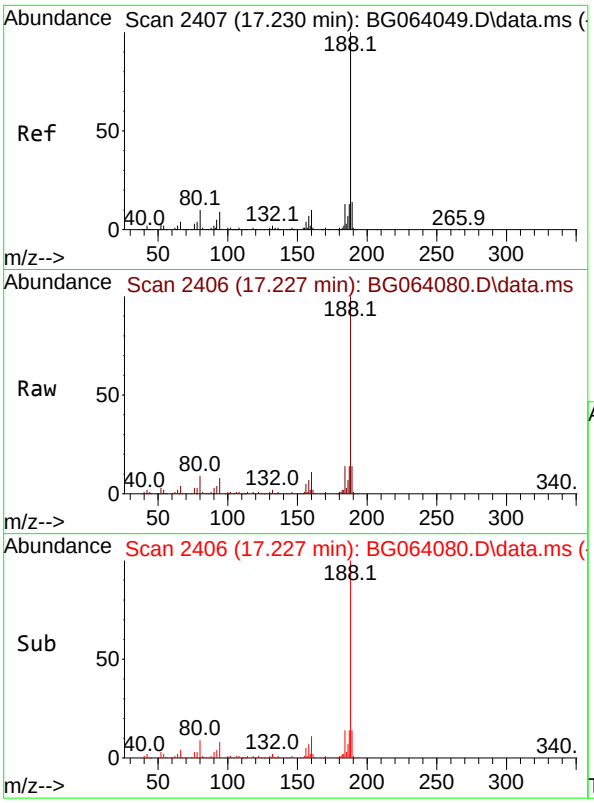


#57
2,4-Dinitrotoluene
Concen: 9.936 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.362 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion:165 Resp: 12157

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.6#
89	3.0	63.1	94.7#
182	0.0	1.0	1.4#



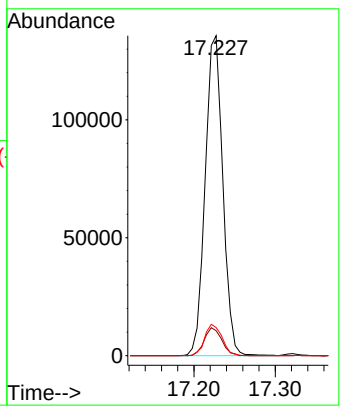


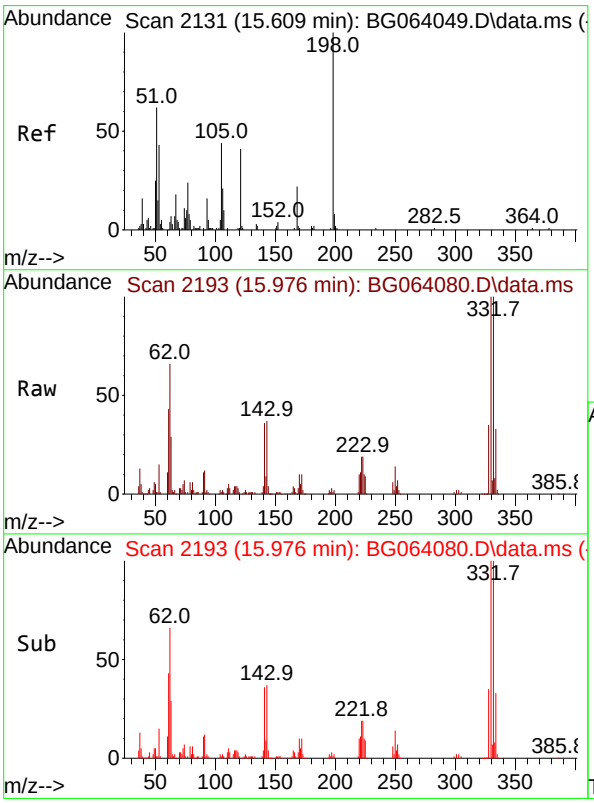
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:188 Resp: 203951

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.8	8.1	12.1

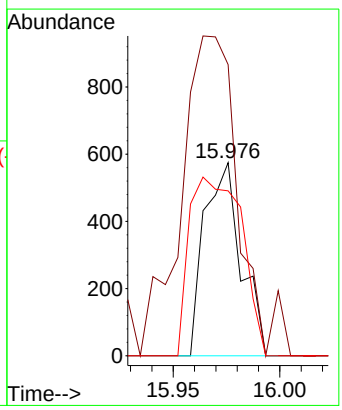


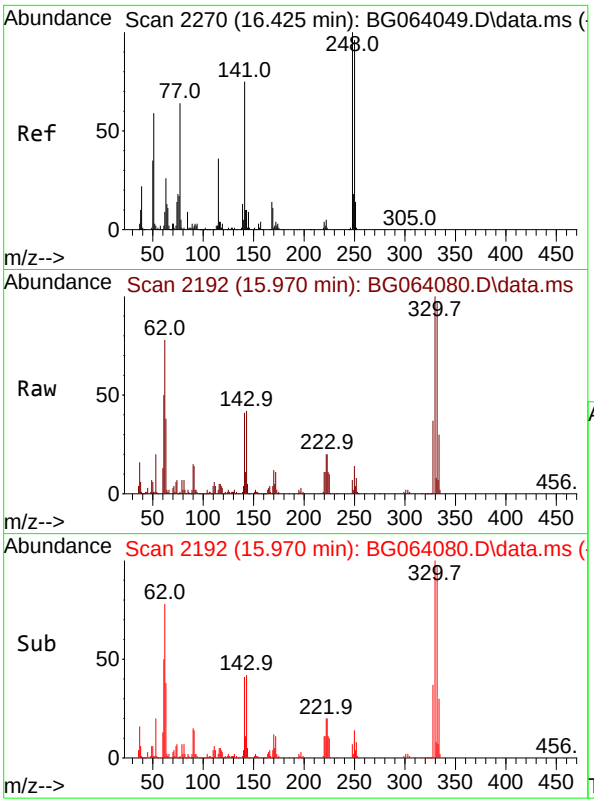


#65
4,6-Dinitro-2-methylphenol
Concen: 8.824 ng
RT: 15.976 min Scan# 2193
Delta R.T. 0.367 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion:198 Resp: 685

Ion	Ratio	Lower	Upper
198	100		
51	150.8	45.6	85.6#
105	85.4	25.3	65.3#



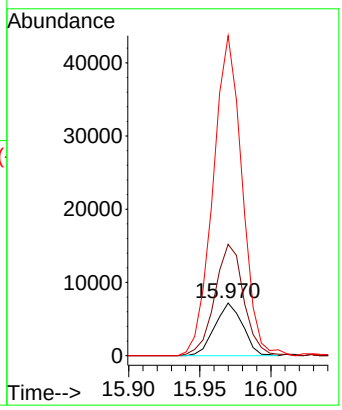


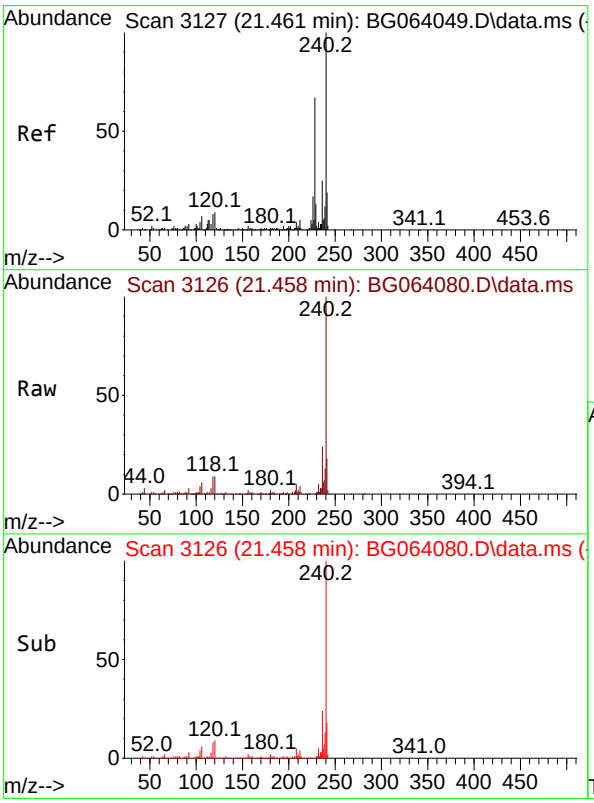
#67
4-Bromophenyl-phenylether
Concen: 4.686 ng
RT: 15.970 min Scan# 21
Delta R.T. -0.455 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:248 Resp: 9788

Ion	Ratio	Lower	Upper
248	100		
250	211.9	77.1	115.7#
141	608.8	59.8	89.8#

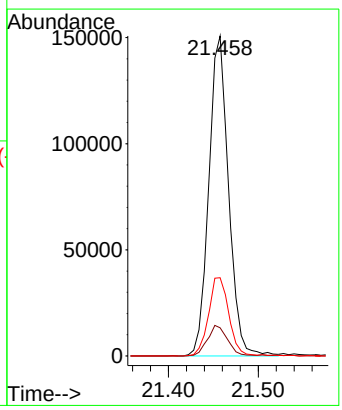


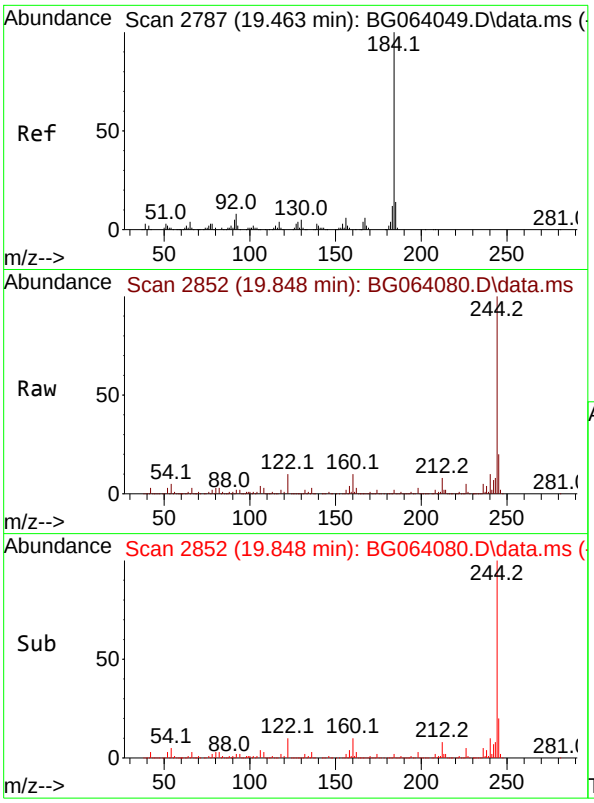


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.458 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion:240 Resp: 230232

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.2	10.8
236	24.4	20.2	30.2



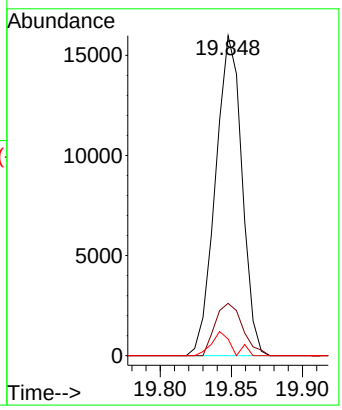


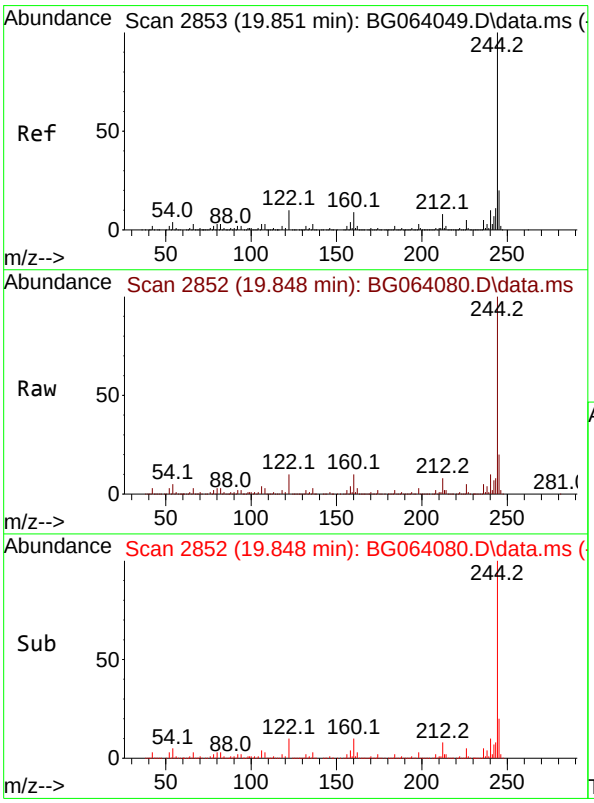
#77
Benzidine
Concen: 6.496 ng
RT: 19.848 min Scan# 2
Delta R.T. 0.385 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:184 Resp: 20709

Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.3	16.9
183	5.2	9.5	14.3#

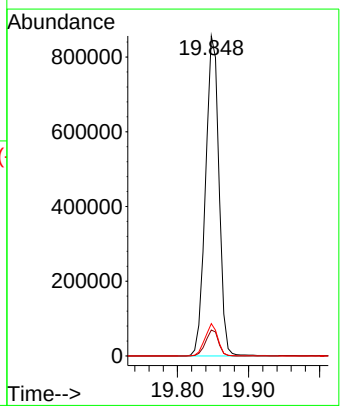


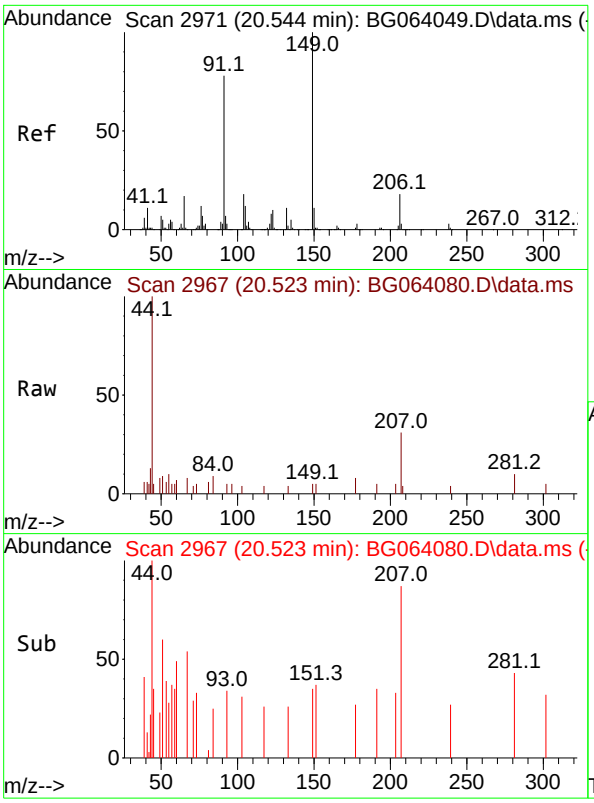


#79
Terphenyl-d14
Concen: 99.067 ng
RT: 19.848 min Scan# 2852
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion:244 Resp: 1128017

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	10.1	8.0	12.0



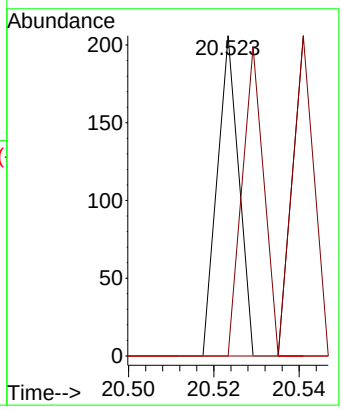


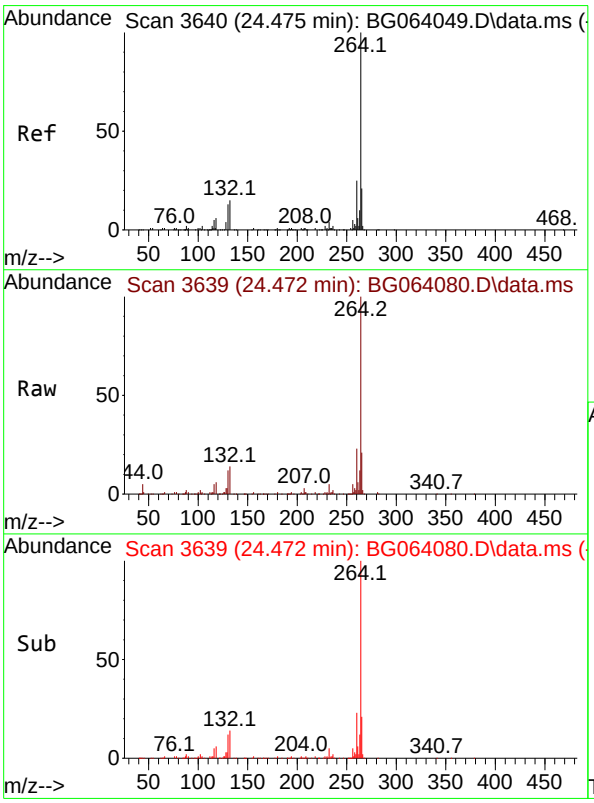
#80
Butylbenzylphthalate
Concen: 3.650 ng
RT: 20.523 min Scan# 2
Delta R.T. -0.021 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB01

Tgt Ion:149 Resp: 73

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.472 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BG064080.D
Acq: 10 Mar 2025 14:23

Tgt Ion:264 Resp: 240357

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.2	16.6	25.0