Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064142.D
Acq On : 1 Apr 2025 19:45
Operator : RC/JU
Sample : Q1664-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Quant Time: Apr 02 01:36:11 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	7.859	152	34864	20.000	ng	# 0.00
21) Naphthalene-d8	10.644	136	141203	20.000	ng	-0.01
39) Acenaphthene-d10	14.481	164	96364	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	230878	20.000	ng	0.00
76) Chrysene-d12	21.449	240	262499	20.000	ng	-0.01
86) Perylene-d12	24.457	264	281469	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	142284	63.724	ng	0.00
7) Phenol-d6	7.019	99	116098	38.222	ng	-0.01
23) Nitrobenzene-d5	9.011	82	304923	119.336	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	220341	205.704	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	689364	108.585	ng	-0.01
79) Terphenyl-d14	19.845	244	1366621	105.269	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.011	70	42519	19.946	ng	# 72
26) 2-Nitrophenol	9.351	139	58	3.353	ng	# 26
32) Benzoic acid	9.892	122	60	8.724	ng	# 1
48) 2-Nitroaniline	13.112	65	1855	4.339	ng	# 19
51) 2,6-Dinitrotoluene	14.481	165	13886	12.307	ng	# 16
57) 2,4-Dinitrotoluene	14.481	165	13886	10.090	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.967	198	1072	9.070	ng	# 1
67) 4-Bromophenyl-phenylether	15.967	248	14572	6.163	ng	# 1
77) Benzidine	19.845	184	25389	6.985	ng	95
80) Butylbenzylphthalate	20.532	149	69	3.648	ng	# 62

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064142.D
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Misc :
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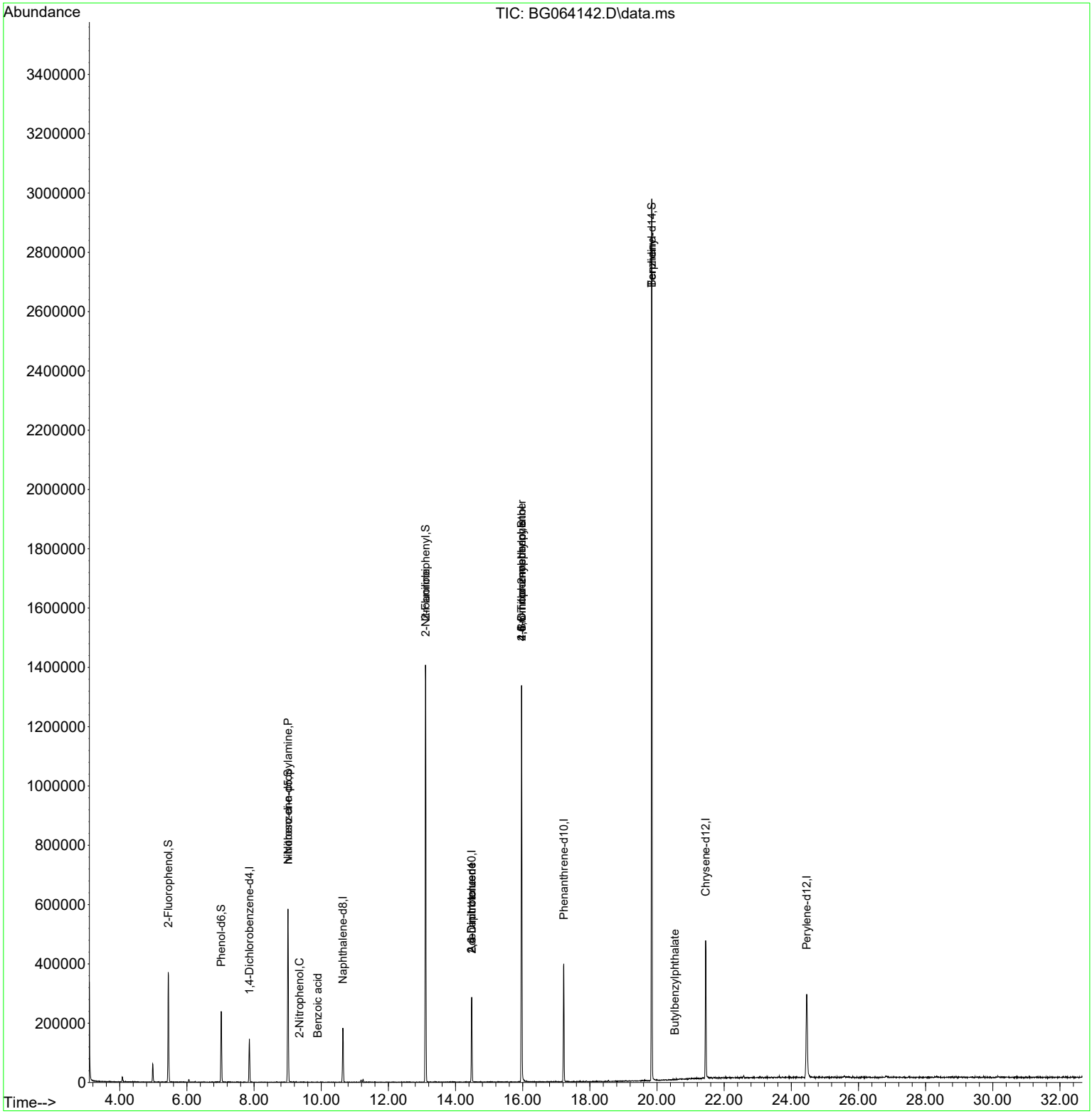
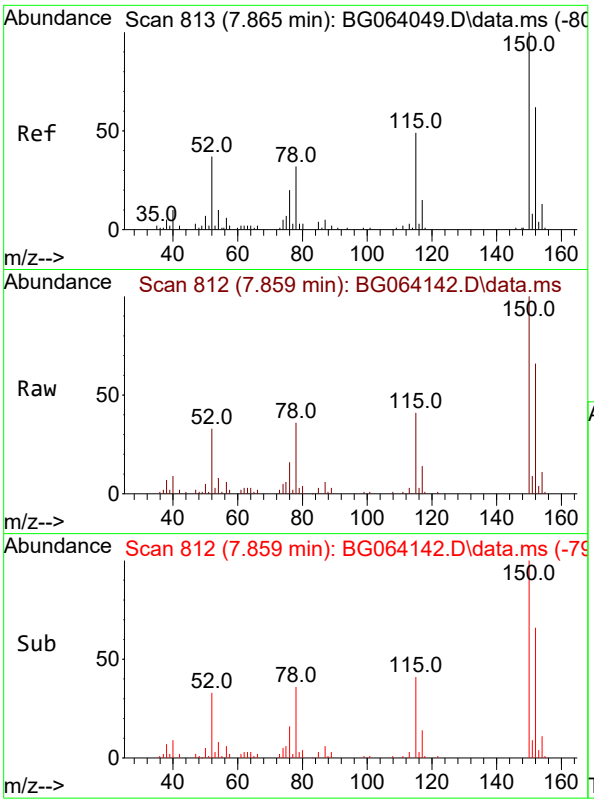
Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Quant Time: Apr 02 01:36:11 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



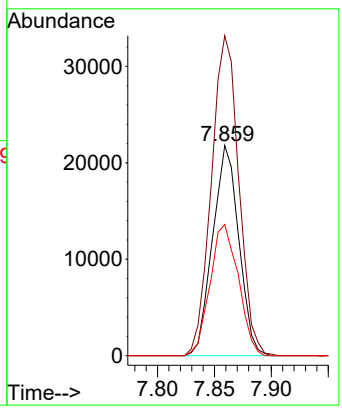


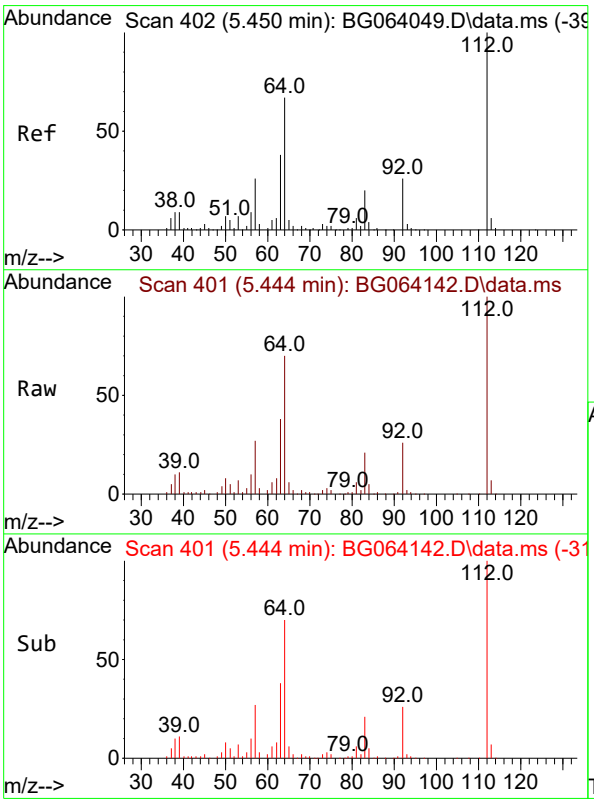
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:152 Resp: 34864

Ion	Ratio	Lower	Upper
152	100		
150	152.3	129.2	193.8
115	62.4	63.0	94.6#

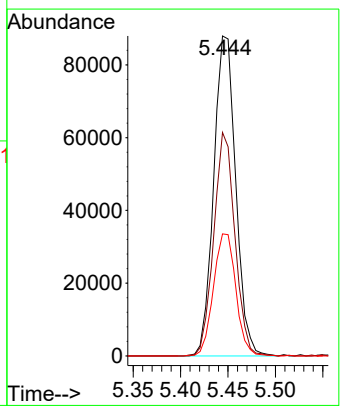


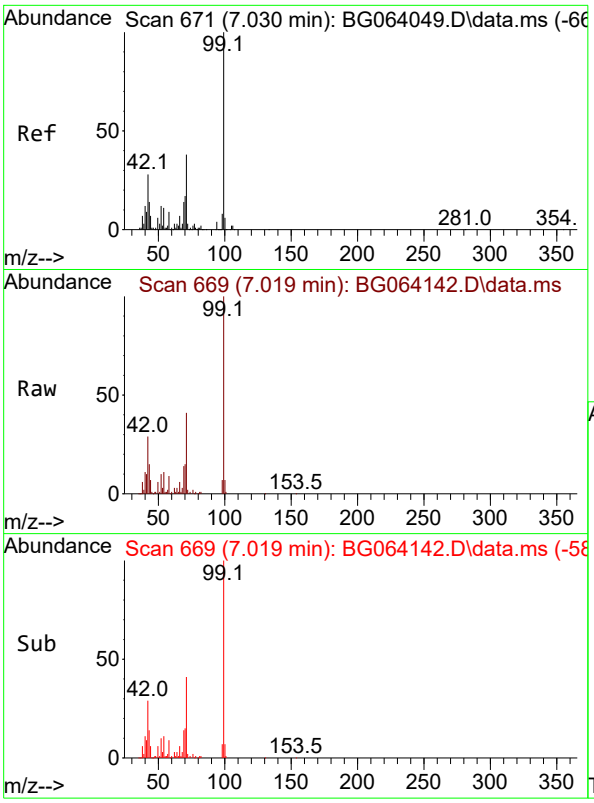


#5
2-Fluorophenol
Concen: 63.724 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:112 Resp: 142284

Ion	Ratio	Lower	Upper
112	100		
64	69.8	53.7	80.5
63	38.1	30.2	45.4



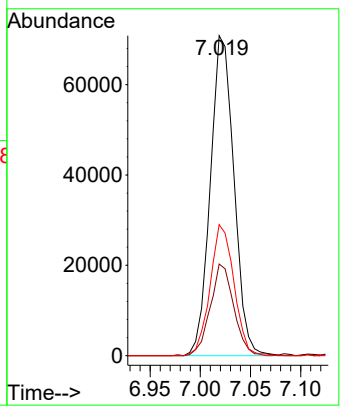


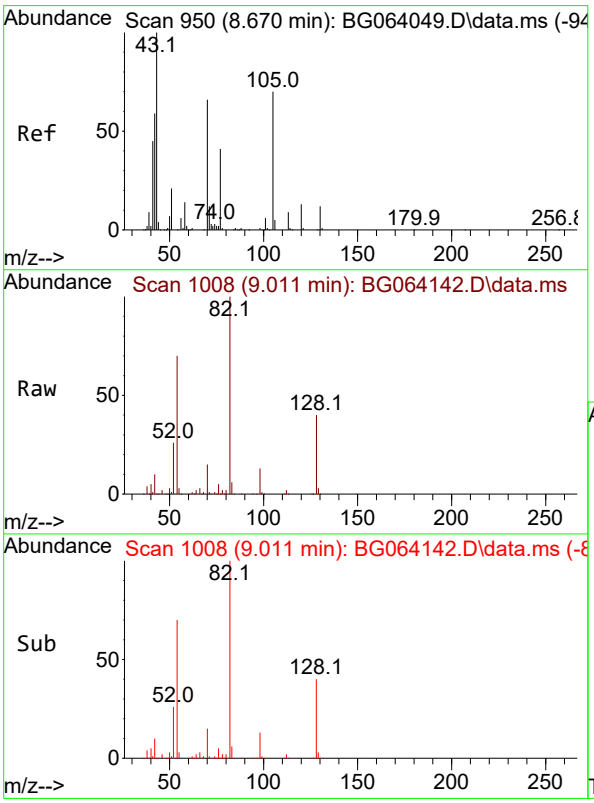
#7
Phenol-d6
Concen: 38.222 ng
RT: 7.019 min Scan# 6
Delta R.T. -0.012 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion: 99 Resp: 116098

Ion	Ratio	Lower	Upper
99	100		
42	28.7	22.7	34.1
71	40.9	30.6	46.0

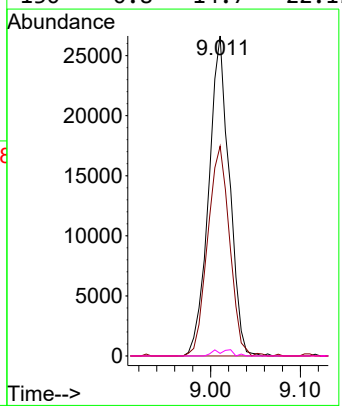


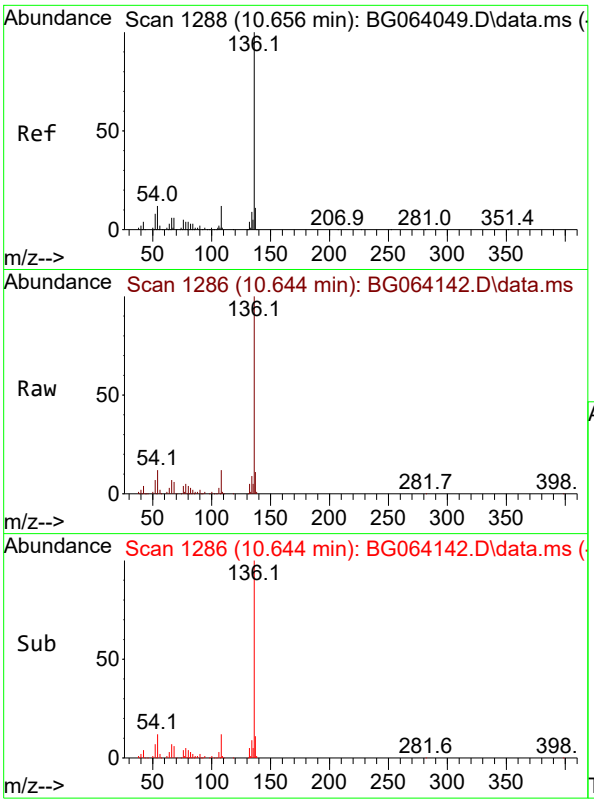


#19
n-Nitroso-di-n-propylamine
Concen: 19.946 ng
RT: 9.011 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion: 70 Resp: 42519

Ion	Ratio	Lower	Upper
70	100		
42	65.6	72.1	108.1#
101	0.0	7.2	10.8#
130	0.8	14.7	22.1#



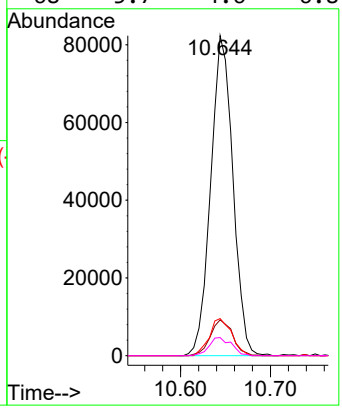


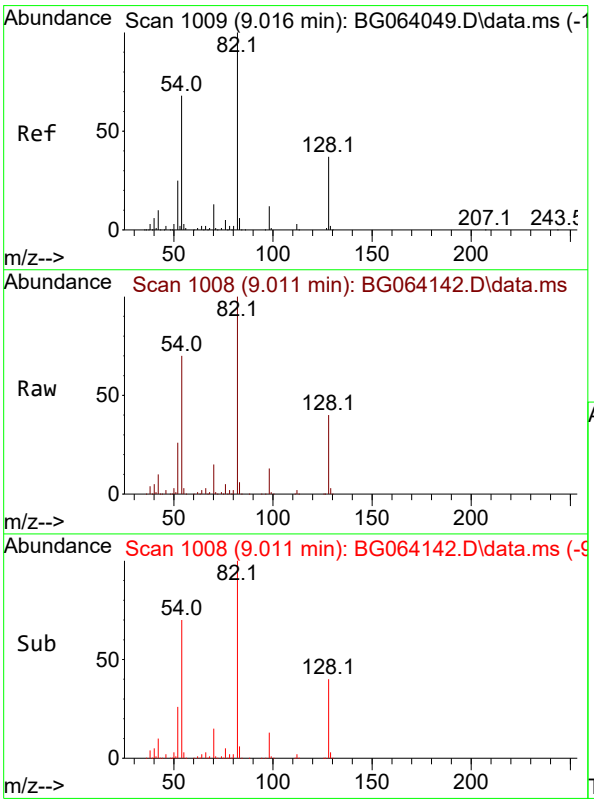
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:136 Resp: 141203

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.6	9.9	14.9
68	5.7	4.6	6.8

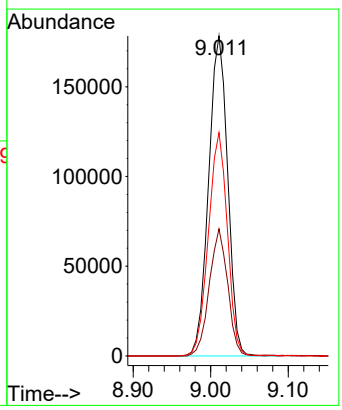


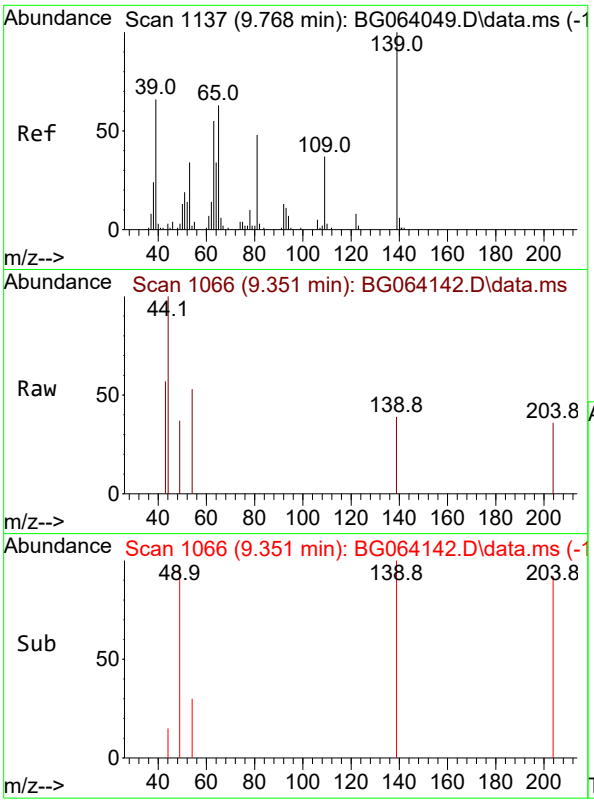


#23
Nitrobenzene-d5
Concen: 119.336 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion: 82 Resp: 304923

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.0	45.0
54	69.8	54.7	82.1



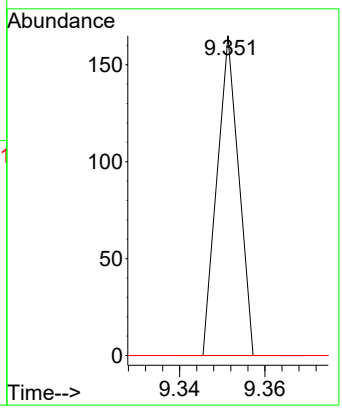


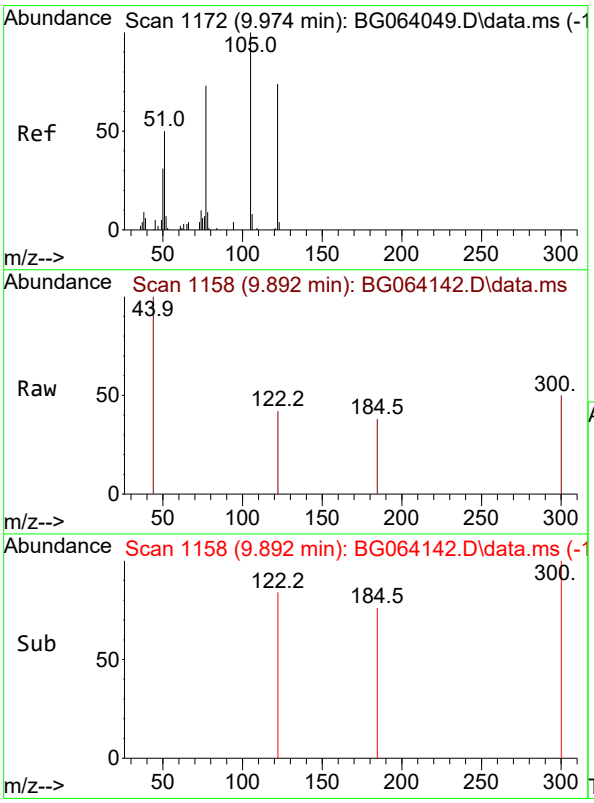
#26
2-Nitrophenol
Concen: 3.353 ng
RT: 9.351 min Scan# 1
Delta R.T. -0.417 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:139 Resp: 58

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

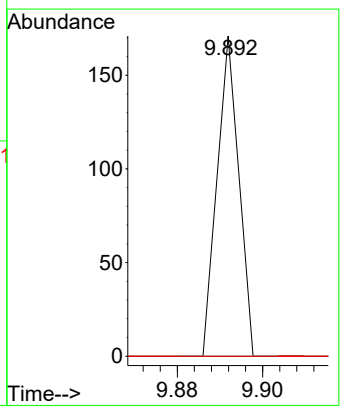


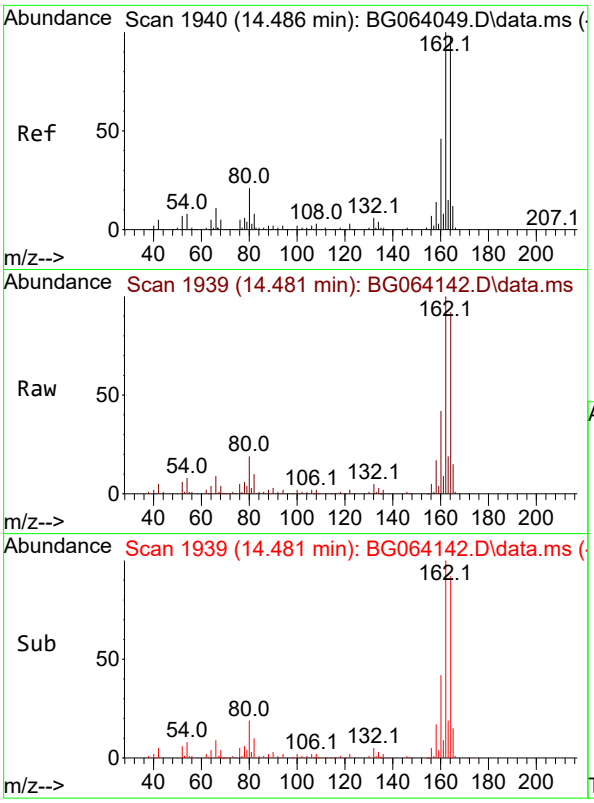


#32
Benzoic acid
Concen: 8.724 ng
RT: 9.892 min Scan# 1158
Delta R.T. -0.082 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:122 Resp: 60

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



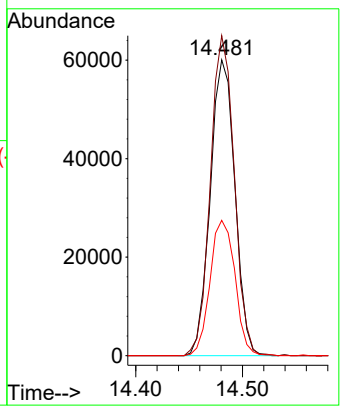


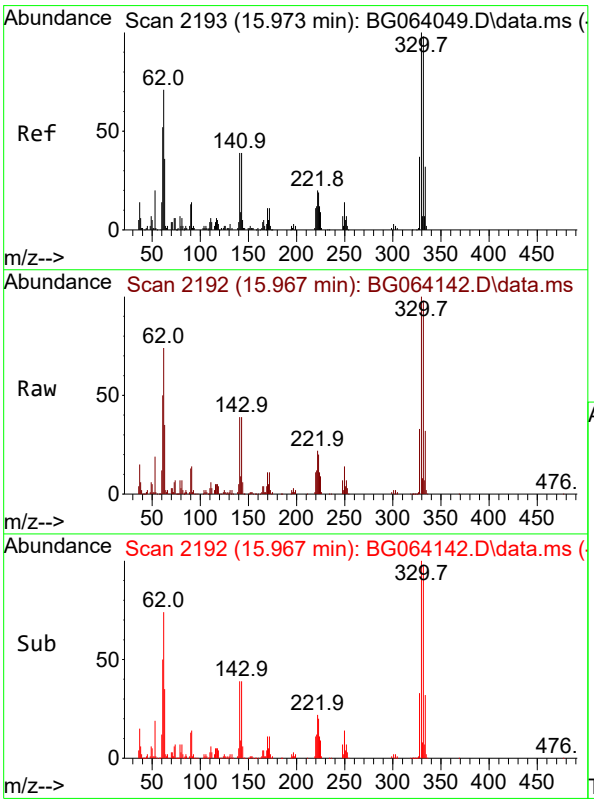
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:164 Resp: 96364

Ion	Ratio	Lower	Upper
164	100		
162	108.2	81.4	122.0
160	45.7	37.0	55.6

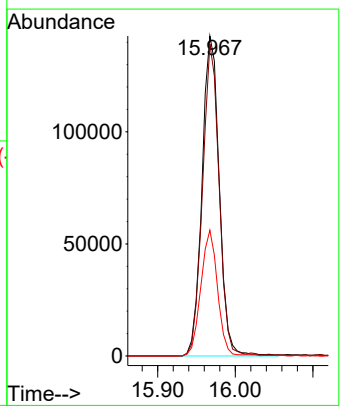


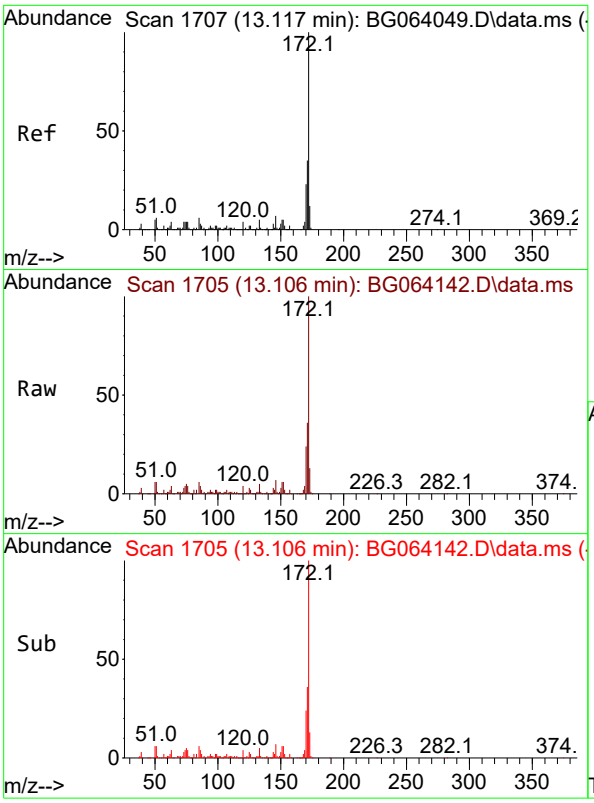


#42
2,4,6-Tribromophenol
Concen: 205.704 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:330 Resp: 220341

Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.7	115.1
141	38.1	29.7	44.5



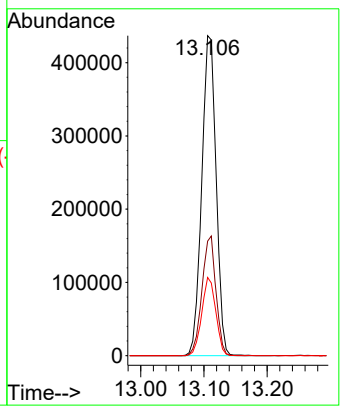


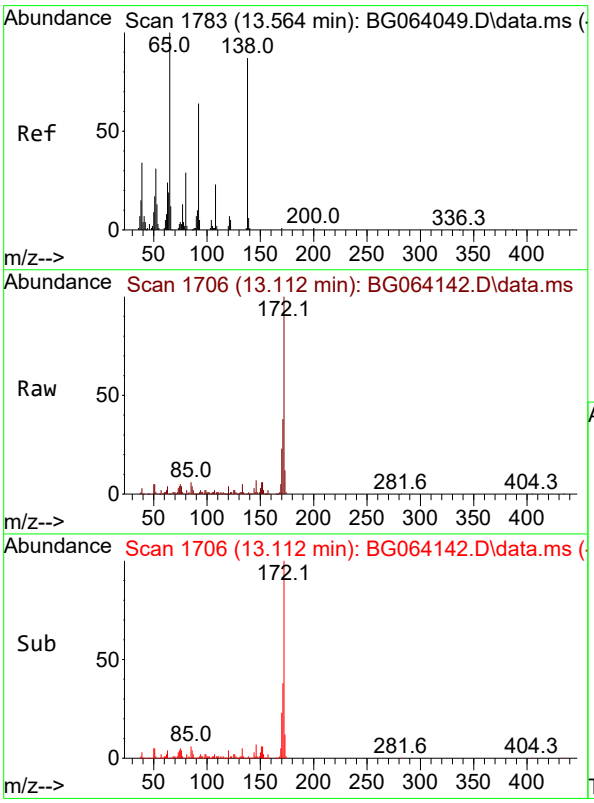
#45
2-Fluorobiphenyl
Concen: 108.585 ng
RT: 13.106 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:172 Resp: 689364

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.0	42.0
170	24.4	18.7	28.1

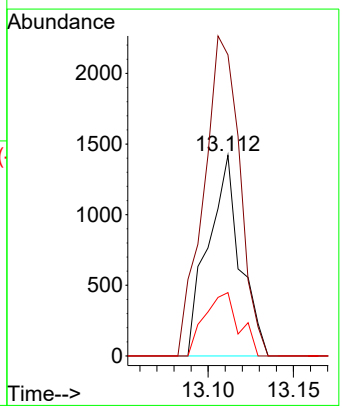


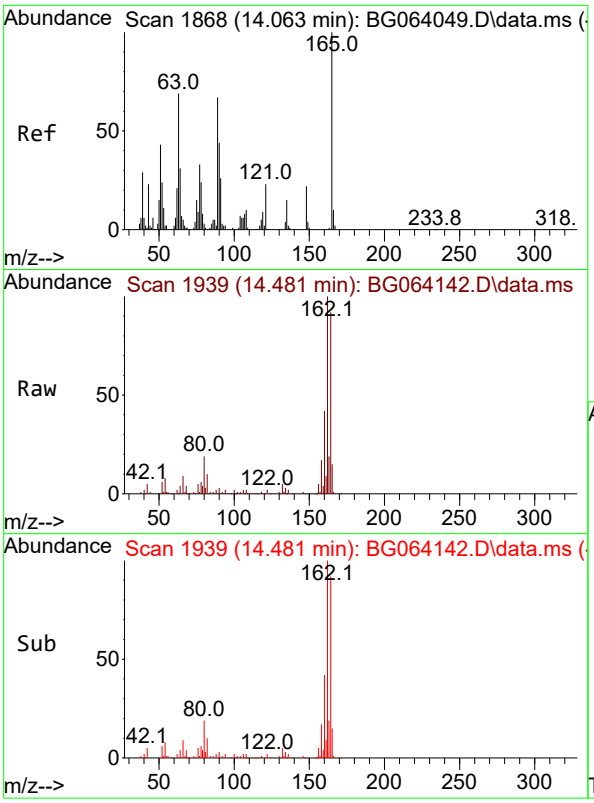


#48
2-Nitroaniline
Concen: 4.339 ng
RT: 13.112 min Scan# 1706
Delta R.T. -0.452 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion: 65 Resp: 1855

Ion	Ratio	Lower	Upper
65	100		
92	150.1	51.2	76.8#
138	31.6	69.4	104.2#



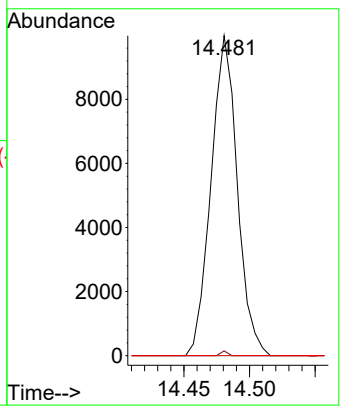


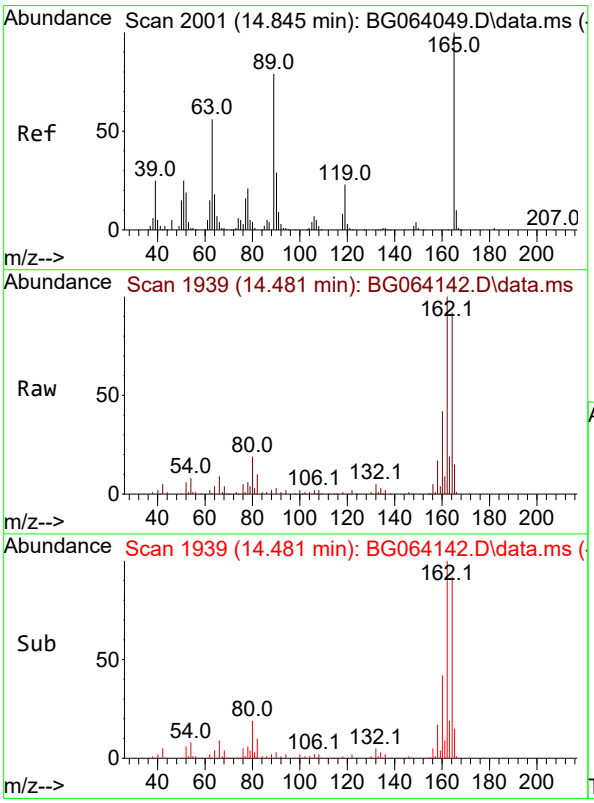
#51
2,6-Dinitrotoluene
Concen: 12.307 ng
RT: 14.481 min Scan# 1
Delta R.T. 0.418 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:165 Resp: 13886

Ion	Ratio	Lower	Upper
165	100		
63	1.5	56.7	85.1#
89	0.0	53.7	80.5#

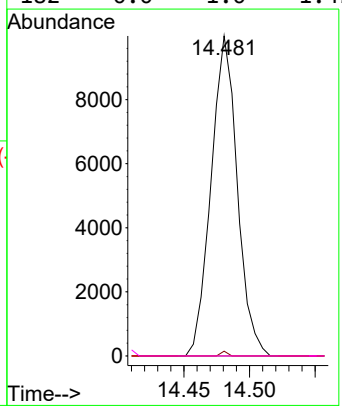


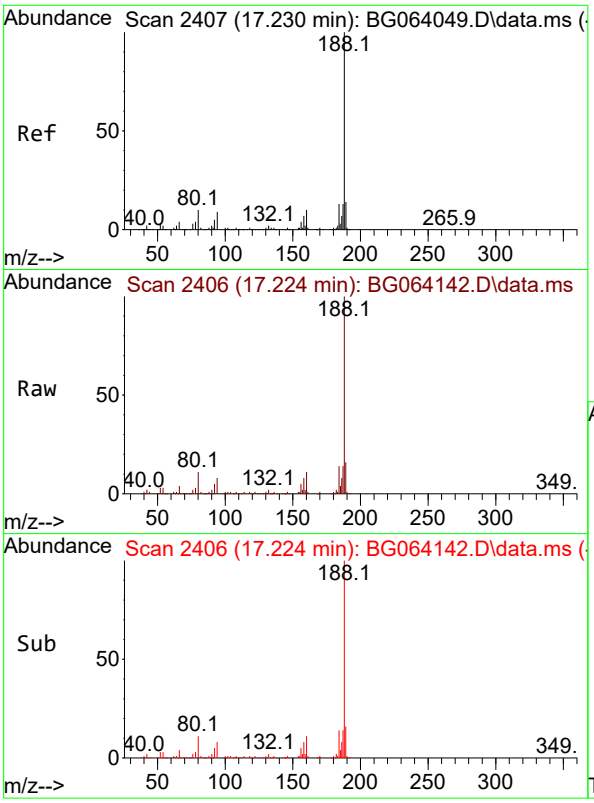


#57
2,4-Dinitrotoluene
Concen: 10.090 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.364 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:165 Resp: 13886

Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.0	67.6#
89	0.0	63.1	94.7#
182	0.0	1.0	1.4#



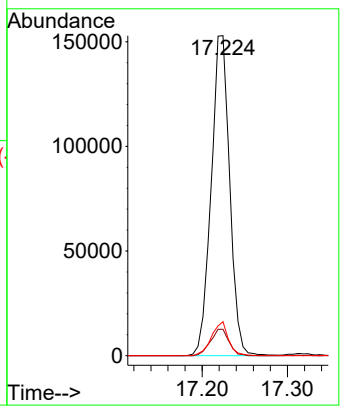


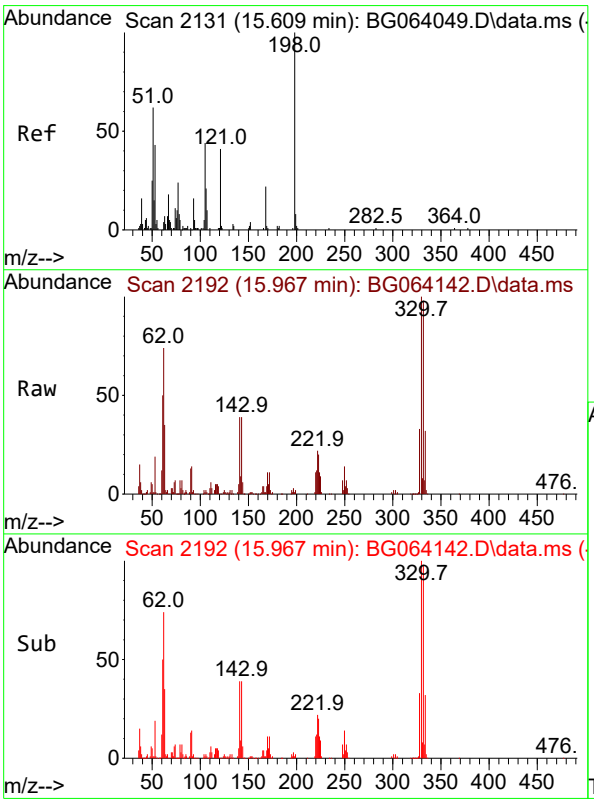
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:188 Resp: 230878

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	10.6	8.1	12.1

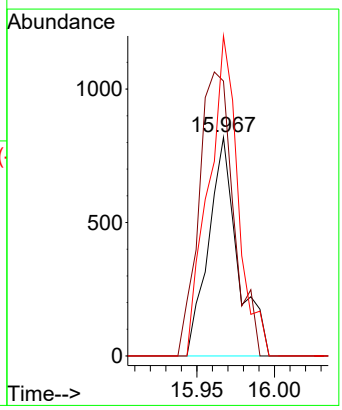


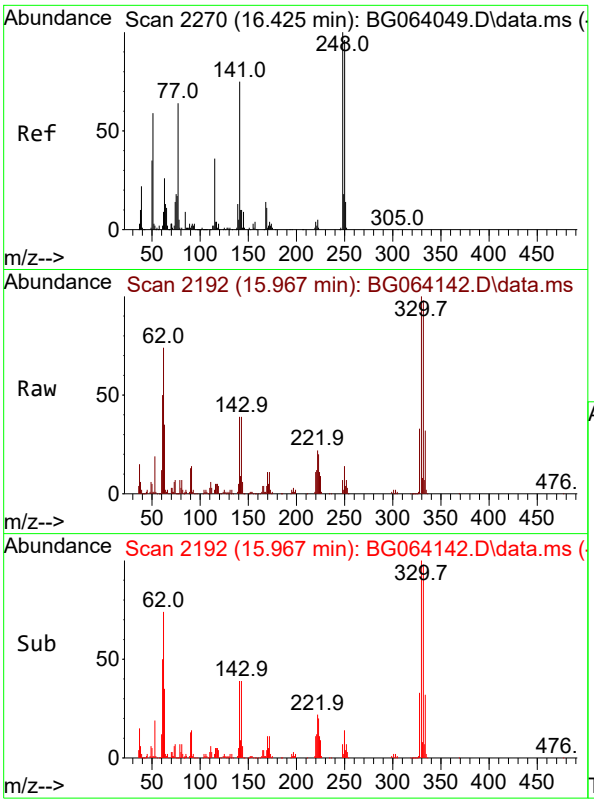


#65
4,6-Dinitro-2-methylphenol
Concen: 9.070 ng
RT: 15.967 min Scan# 2192
Delta R.T. 0.358 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:198 Resp: 1072

Ion	Ratio	Lower	Upper
198	100		
51	125.8	45.6	85.6#
105	146.4	25.3	65.3#



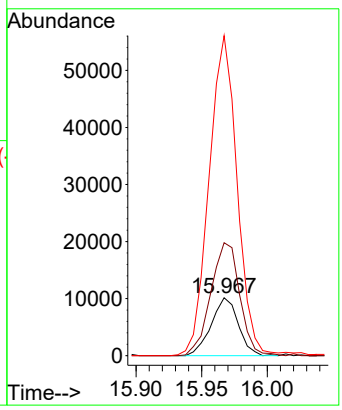


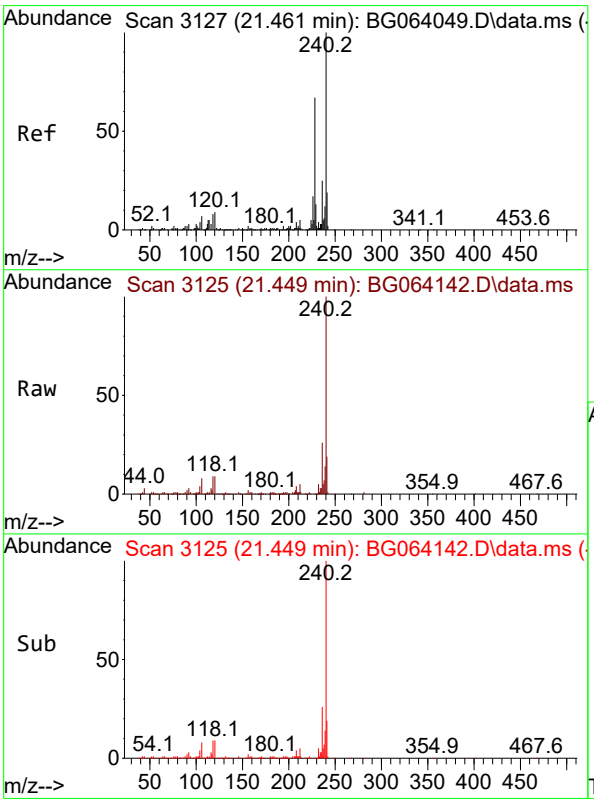
#67
4-Bromophenyl-phenylether
Concen: 6.163 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.458 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:248 Resp: 14572

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.1	115.7#
141	552.2	59.8	89.8#

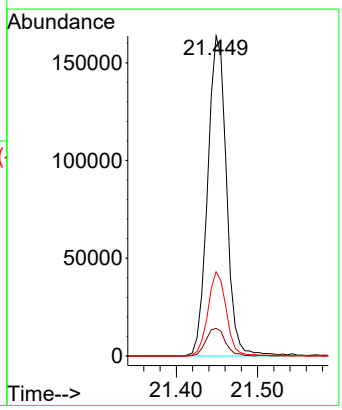


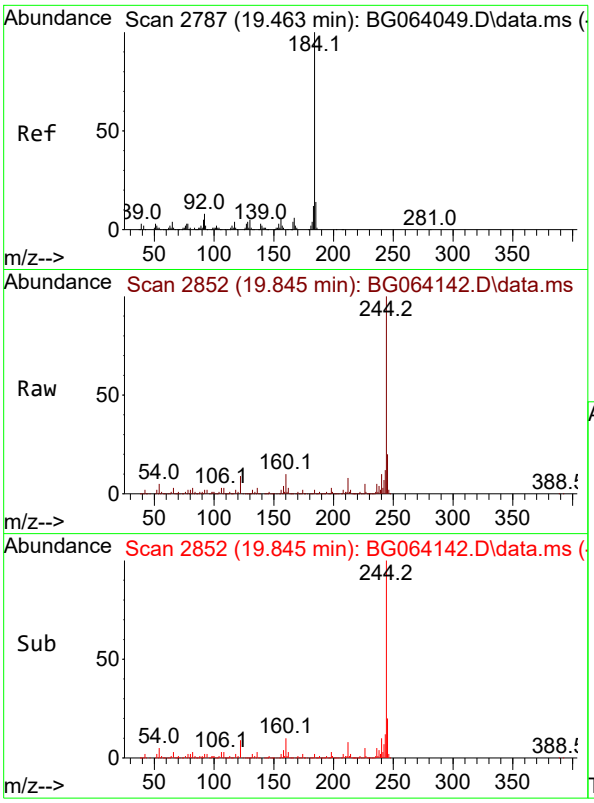


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:240 Resp: 262499

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.2	10.8
236	26.3	20.2	30.2



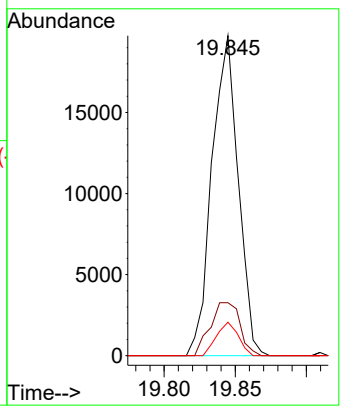


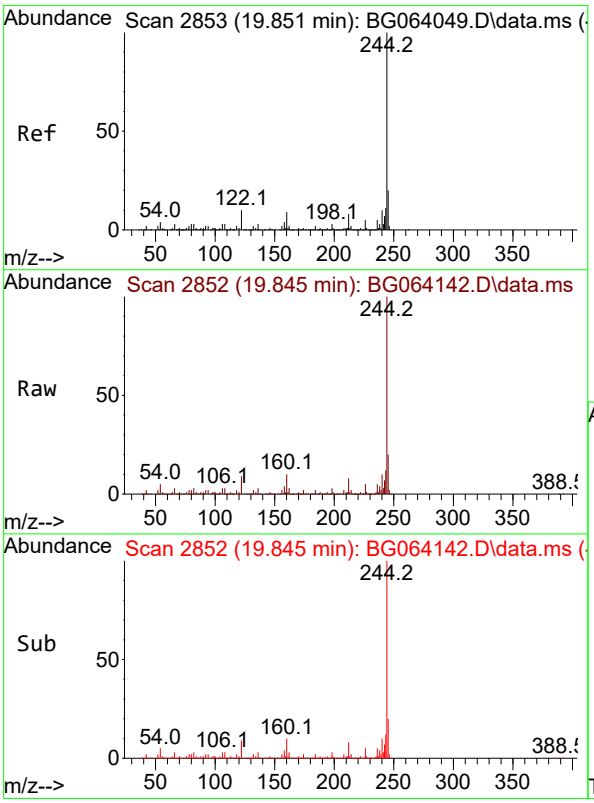
#77
Benzidine
Concen: 6.985 ng
RT: 19.845 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:184 Resp: 25389

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.3	16.9
183	10.5	9.5	14.3

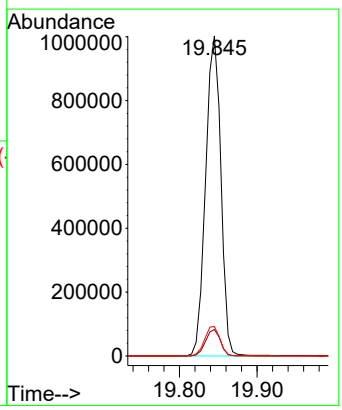


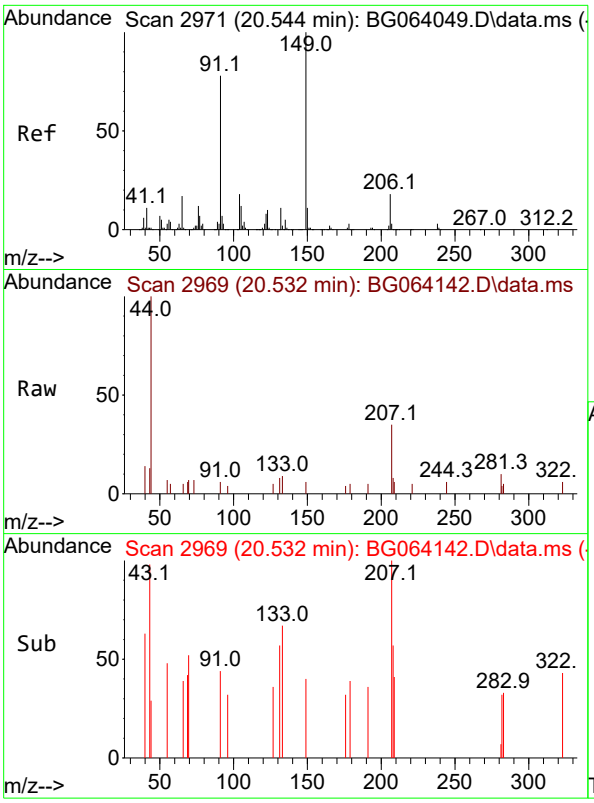


#79
Terphenyl-d14
Concen: 105.269 ng
RT: 19.845 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:244 Resp: 1366621

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	9.2	8.0	12.0



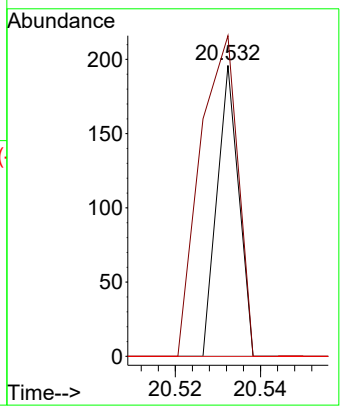


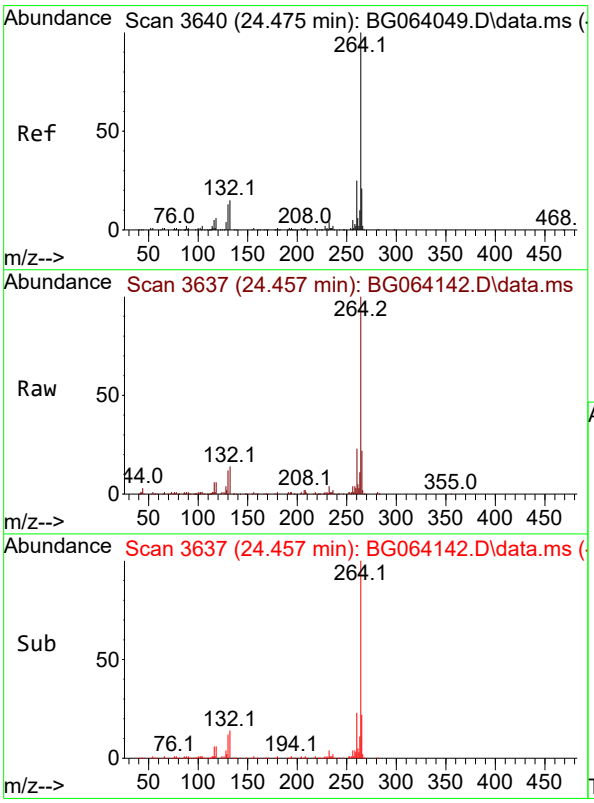
#80
Butylbenzylphthalate
Concen: 3.648 ng
RT: 20.532 min Scan# 2
Delta R.T. -0.012 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-006-01

Tgt Ion:149 Resp: 69

Ion	Ratio	Lower	Upper
149	100		
91	110.2	62.0	93.0#
206	0.0	14.6	21.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.457 min Scan# 3637
Delta R.T. -0.017 min
Lab File: BG064142.D
Acq: 1 Apr 2025 19:45

Tgt Ion:264 Resp: 281469

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	22.2	16.6	25.0