Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064236.D
Acq On : 29 Aug 2025 20:41
Operator : RC/JU
Sample : Q2982-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Quant Time: Aug 29 23:22:20 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	7.860	152	26369	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	124637	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	92350	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	216902	20.000	ng	0.00
76) Chrysene-d12	21.450	240	228335	20.000	ng	# 0.00
86) Perylene-d12	24.459	264	240867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	39702	27.012	ng	0.00
7) Phenol-d6	7.020	99	128268	63.524	ng	-0.01
23) Nitrobenzene-d5	9.006	82	128531	57.513	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	8845	7.231	ng	-0.01
45) 2-Fluorobiphenyl	13.101	172	348919	57.669	ng	-0.01
79) Terphenyl-d14	19.840	244	634203	57.949	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.006	70	18705	12.104	ng	# 69
51) 2,6-Dinitrotoluene	14.476	165	12343	9.121	ng	# 14
54) 2,4-Dinitrophenol	14.482	184	57	5.711	ng	# 16
57) 2,4-Dinitrotoluene	14.476	165	12343	6.032	ng	# 17
63) Azobenzene	15.845	77	41626	6.243	ng	# 34
84) Bis(2-ethylhexyl)phtha...	21.362	149	56253	6.906	ng	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064236.D
Acq On : 29 Aug 2025 20:41
Operator : RC/JU
Sample : Q2982-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Aug 29 23:22:20 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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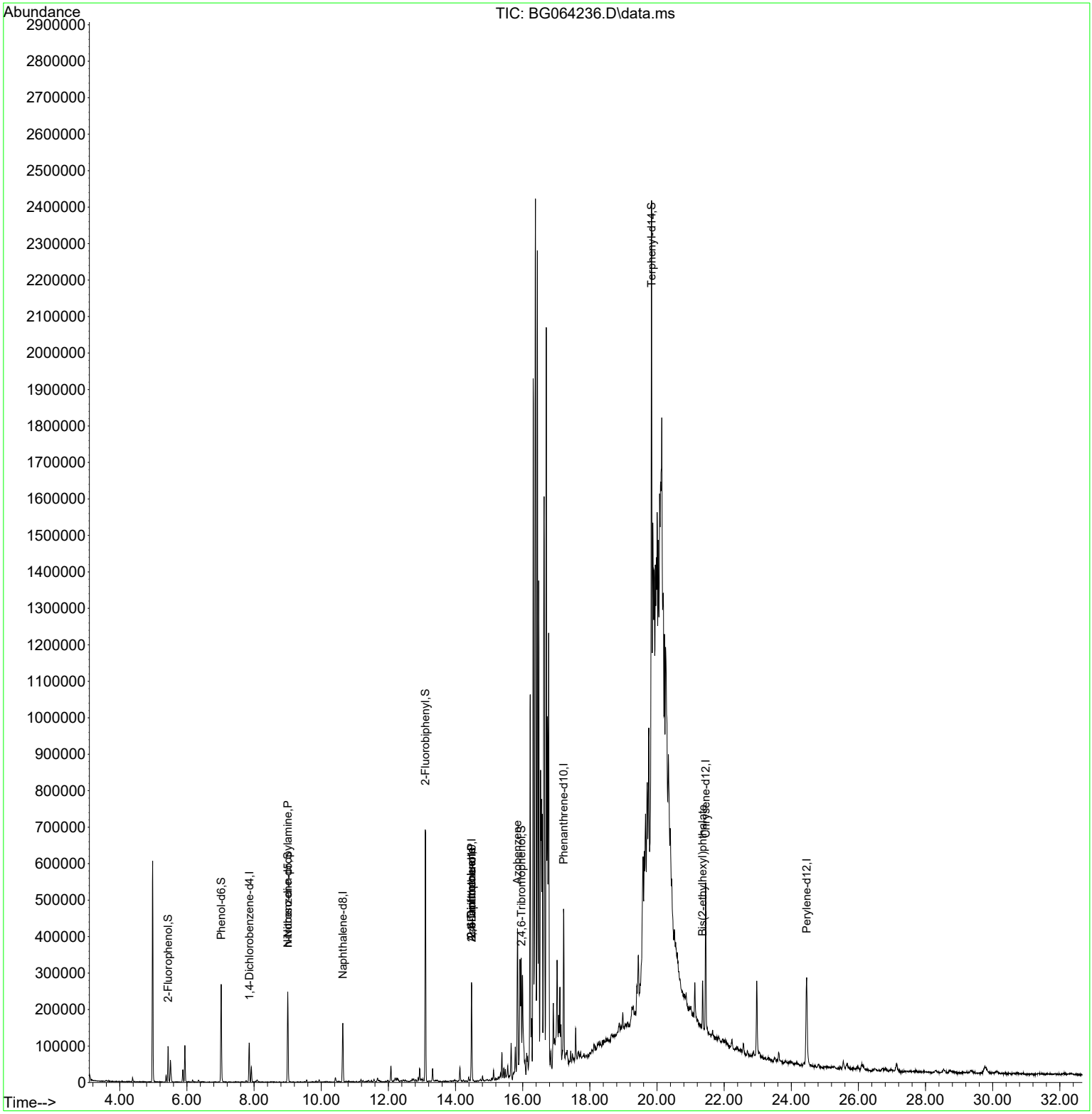
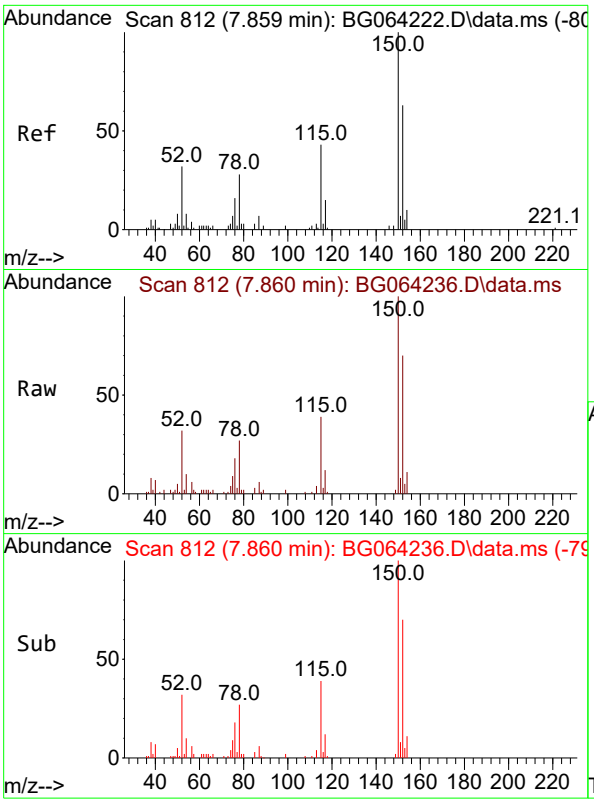


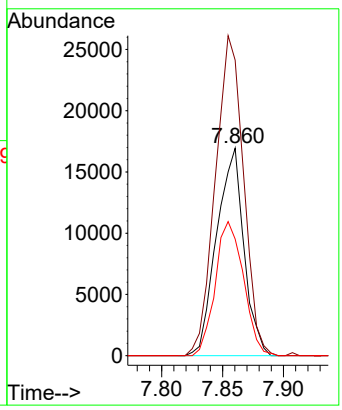


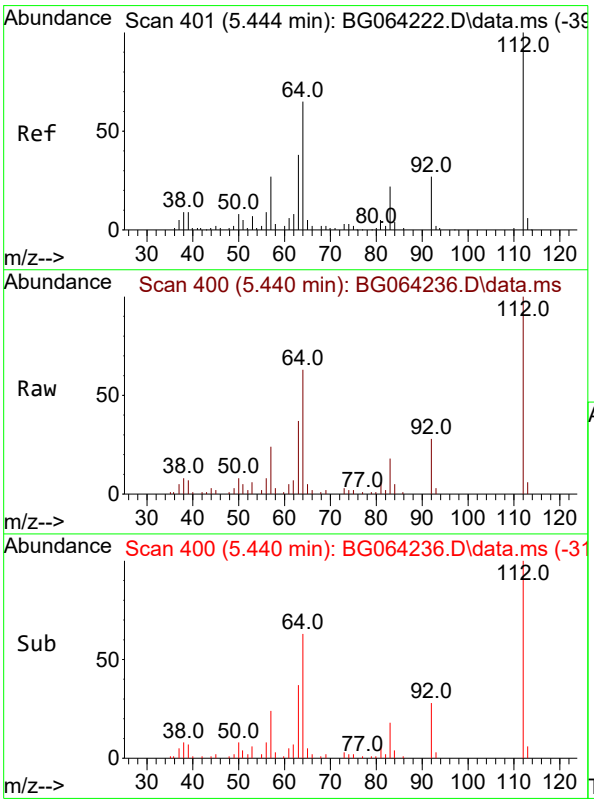
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Tgt Ion:152 Resp: 26369

Ion	Ratio	Lower	Upper
152	100		
150	142.4	128.0	192.0
115	56.2	55.7	83.5

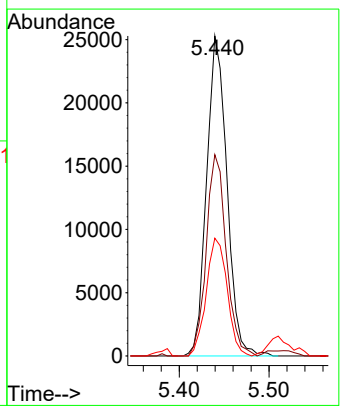


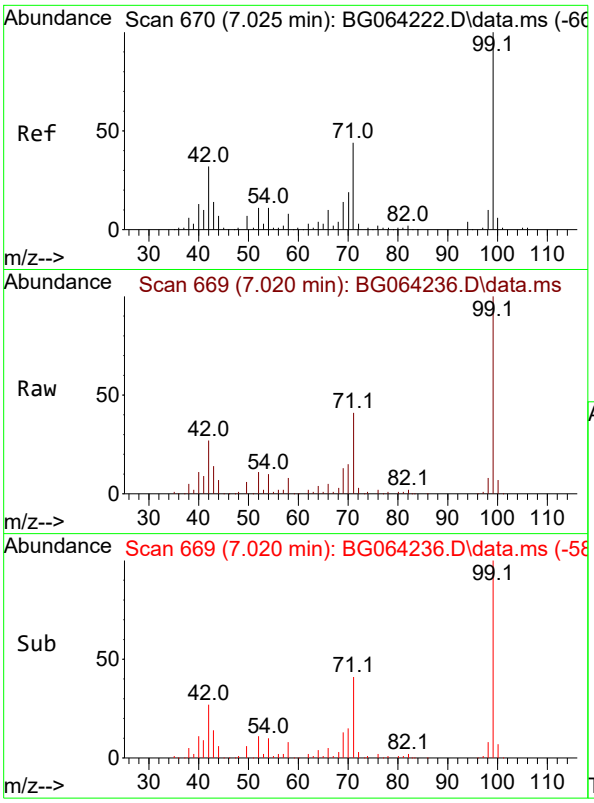


#5
2-Fluorophenol
Concen: 27.012 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:112 Resp: 39702

Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.8	77.6
63	36.8	30.6	45.8



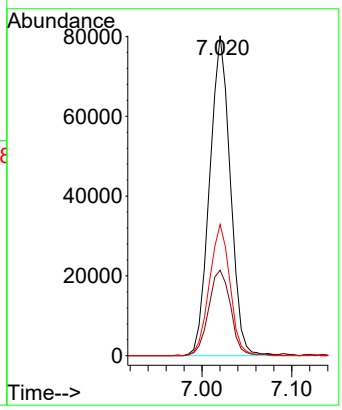


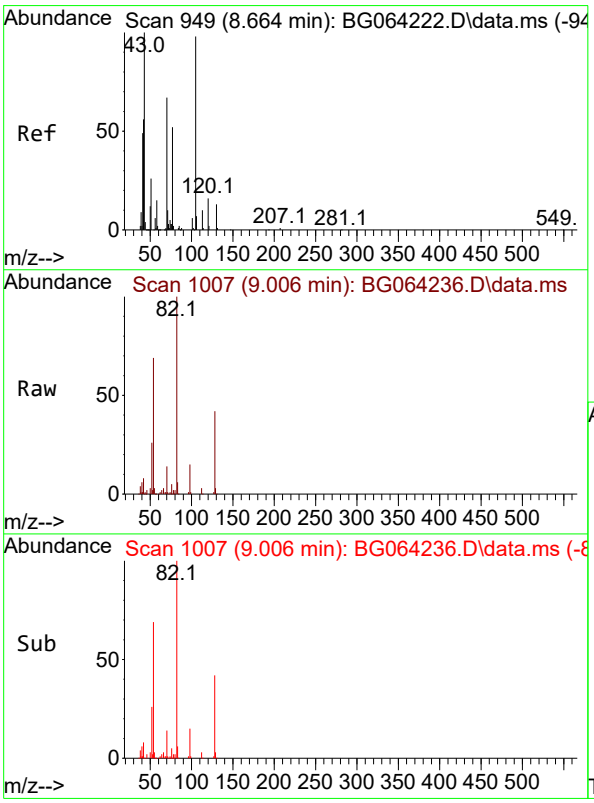
#7
Phenol-d6
Concen: 63.524 ng
RT: 7.020 min Scan# 6
Delta R.T. -0.011 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Tgt Ion: 99 Resp: 128268

Ion	Ratio	Lower	Upper
99	100		
42	26.7	25.8	38.8
71	41.0	35.2	52.8

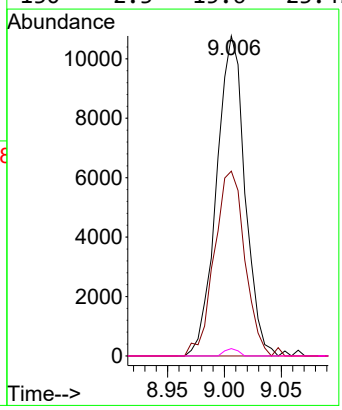


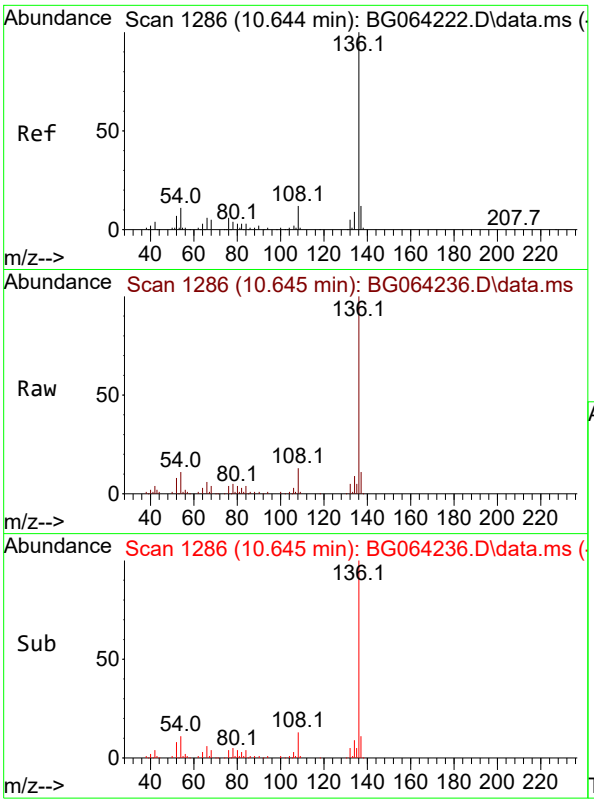


#19
n-Nitroso-di-n-propylamine
Concen: 12.104 ng
RT: 9.006 min Scan# 1007
Delta R.T. 0.342 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion: 70 Resp: 18705

Ion	Ratio	Lower	Upper
70	100		
42	57.7	67.9	101.9#
101	0.0	7.3	10.9#
130	2.3	15.6	23.4#



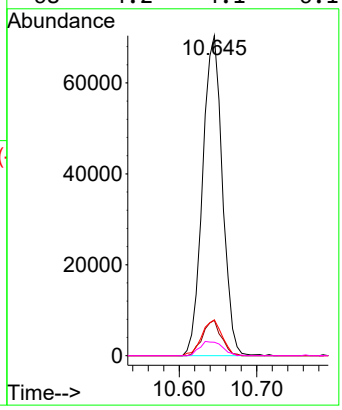


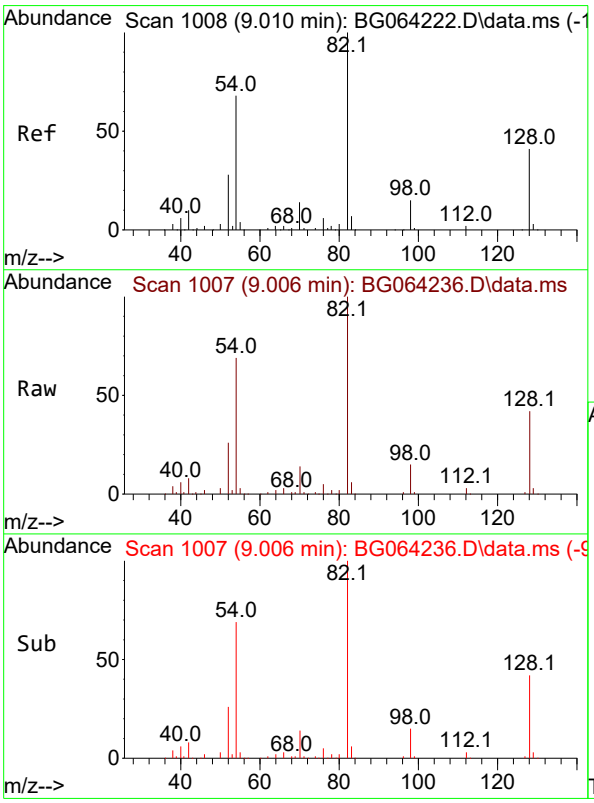
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Tgt Ion:136 Resp: 124637

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	11.2	8.8	13.2
68	4.2	4.1	6.1

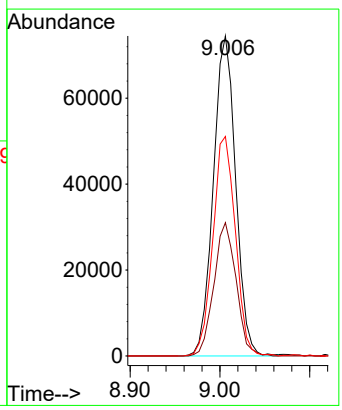


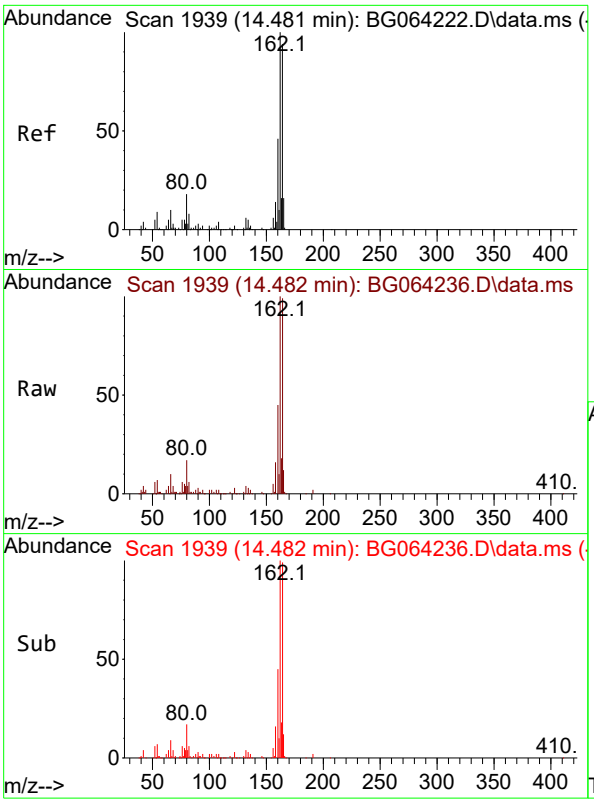


#23
Nitrobenzene-d5
Concen: 57.513 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.011 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion: 82 Resp: 128531

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.6	48.8
54	68.6	54.7	82.1



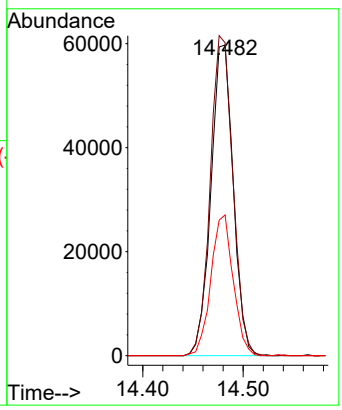


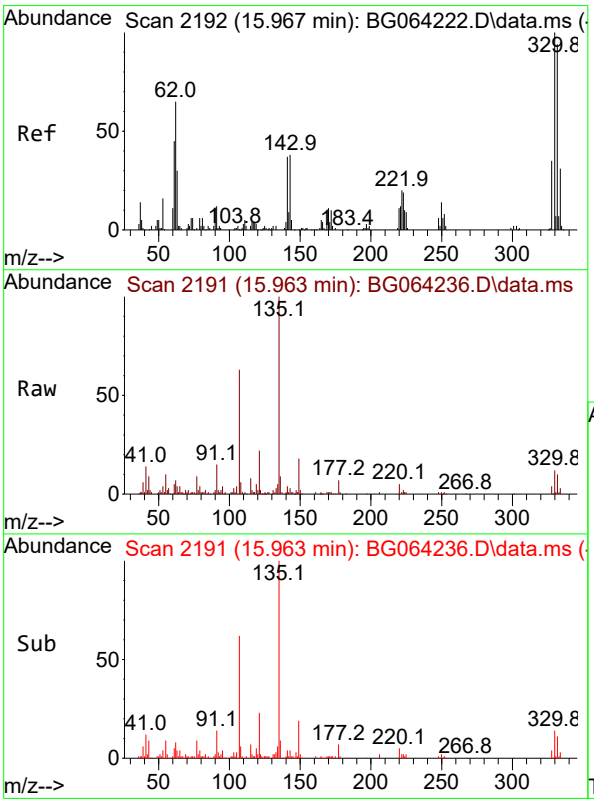
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Tgt Ion:164 Resp: 92350

Ion	Ratio	Lower	Upper
164	100		
162	100.7	85.4	128.0
160	45.3	39.2	58.8

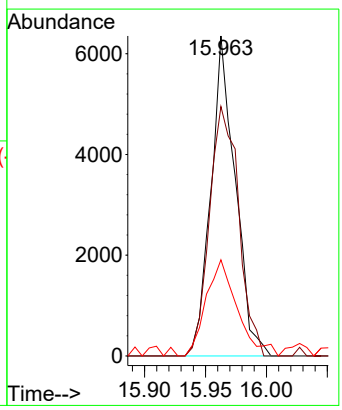


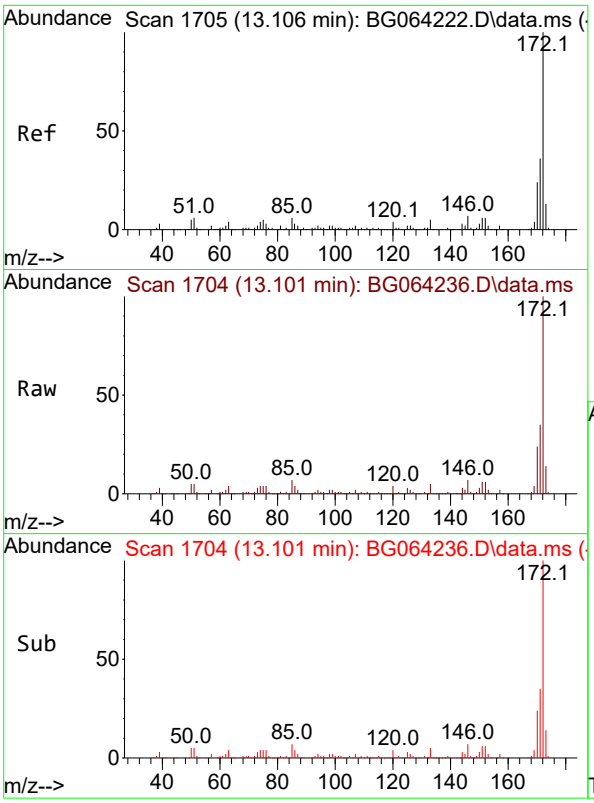


#42
2,4,6-Tribromophenol
Concen: 7.231 ng
RT: 15.963 min Scan# 2191
Delta R.T. -0.011 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:330 Resp: 8845

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.6	116.4
141	38.3	29.8	44.6



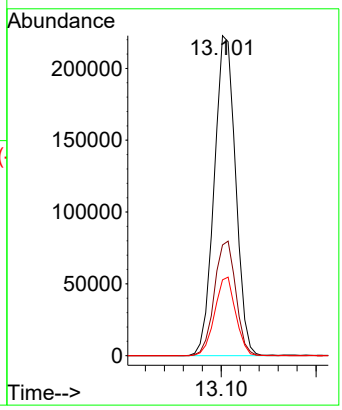


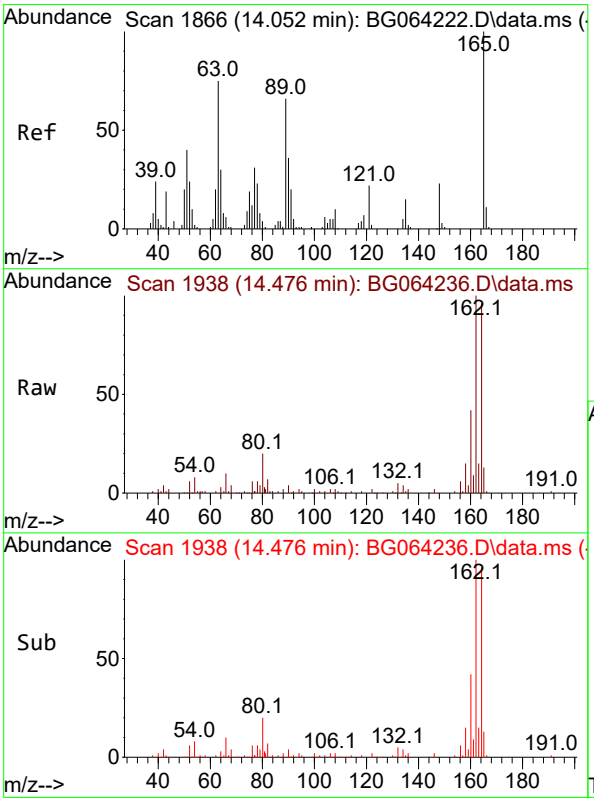
#45
2-Fluorobiphenyl
Concen: 57.669 ng
RT: 13.101 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Tgt Ion:172 Resp: 348919

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.7	43.1
170	23.7	19.0	28.6

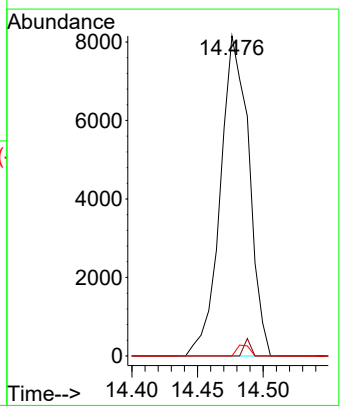


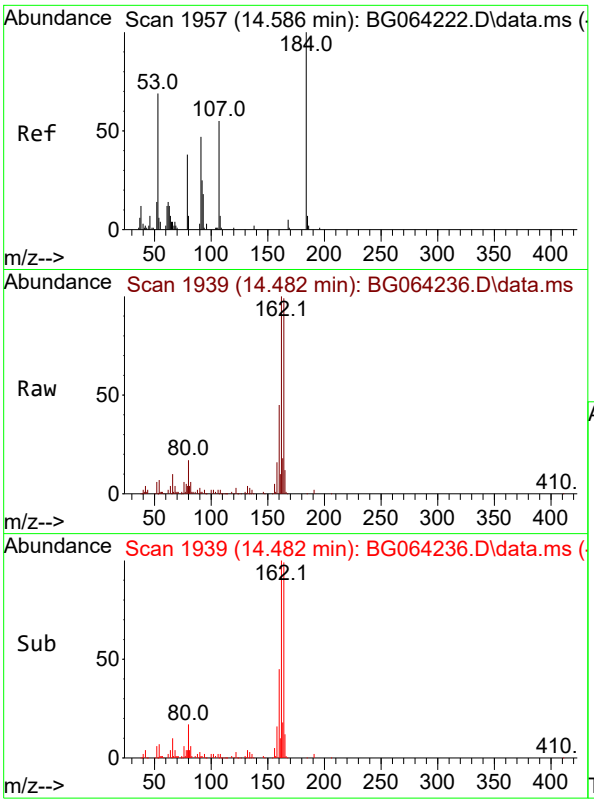


#51
2,6-Dinitrotoluene
Concen: 9.121 ng
RT: 14.476 min Scan# 1938
Delta R.T. 0.418 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:165 Resp: 12343

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



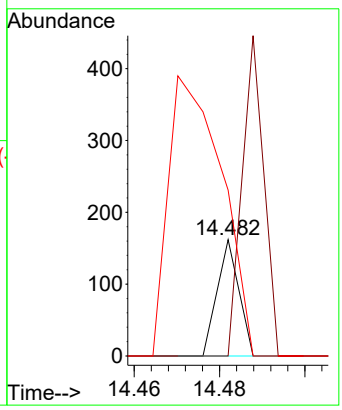


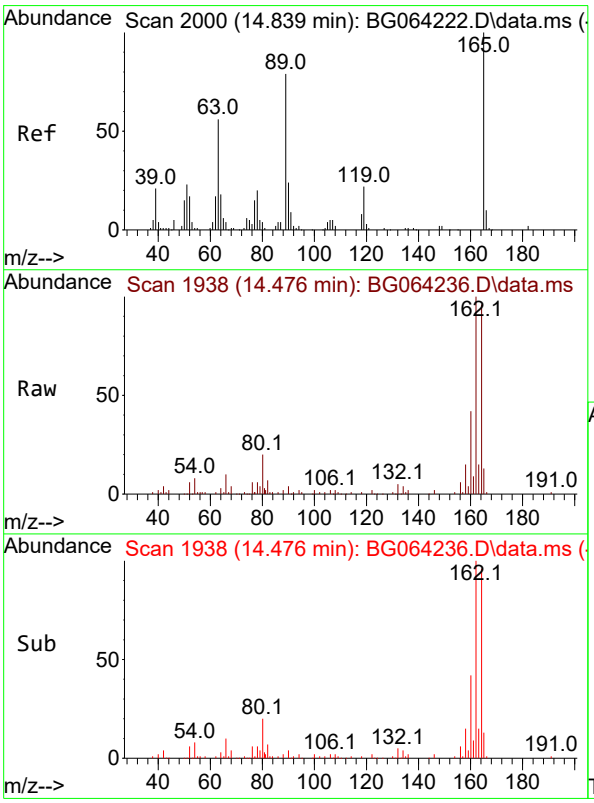
#54
2,4-Dinitrophenol
Concen: 5.711 ng
RT: 14.482 min Scan# 1
Delta R.T. -0.110 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Tgt Ion:184 Resp: 57

Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.1	90.1#
154	142.6	59.8	89.8#

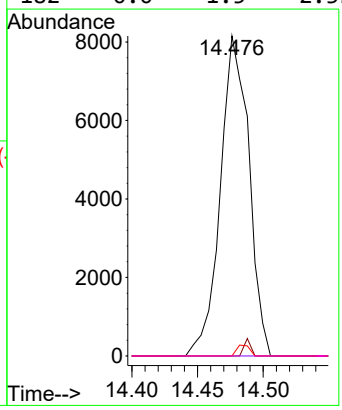


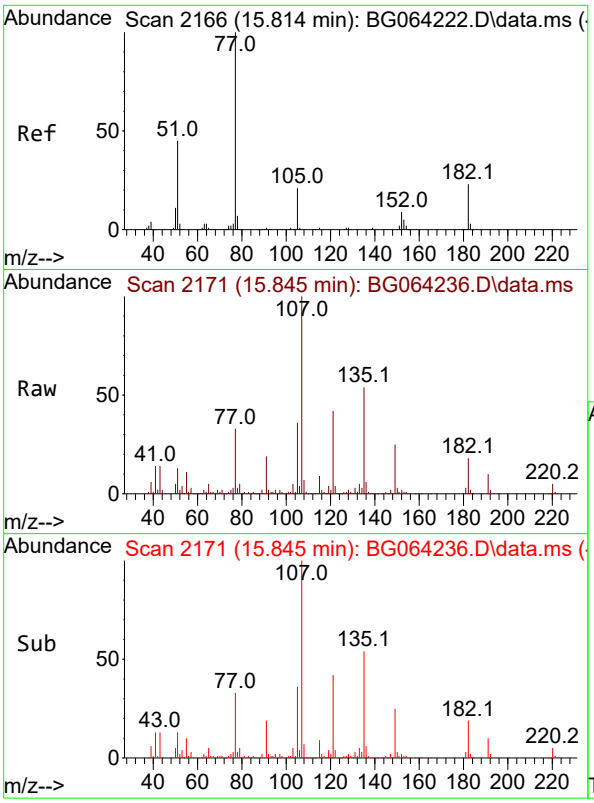


#57
2,4-Dinitrotoluene
Concen: 6.032 ng
RT: 14.476 min Scan# 1938
Delta R.T. -0.369 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:165 Resp: 12343

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



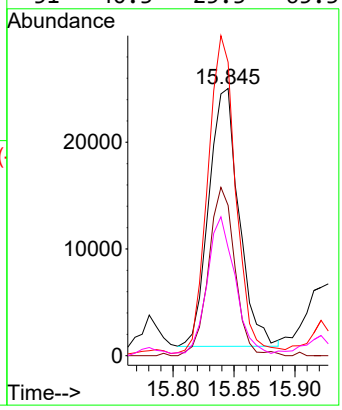


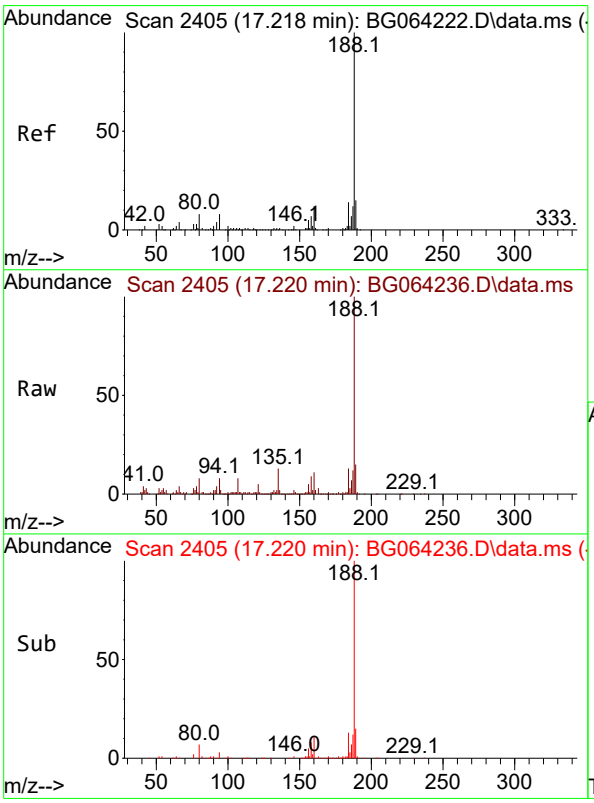
#63
Azobenzene
Concen: 6.243 ng
RT: 15.845 min Scan# 21
Delta R.T. 0.025 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Tgt Ion: 77 Resp: 41626

Ion	Ratio	Lower	Upper
77	100		
182	56.2	3.3	43.3#
105	109.8	0.6	40.6#
51	40.3	25.3	65.3

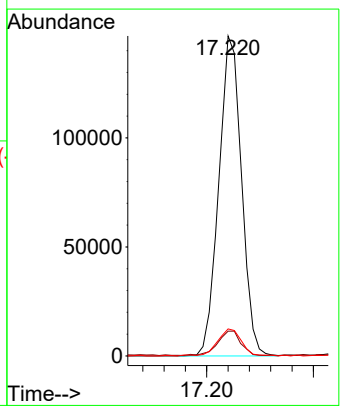


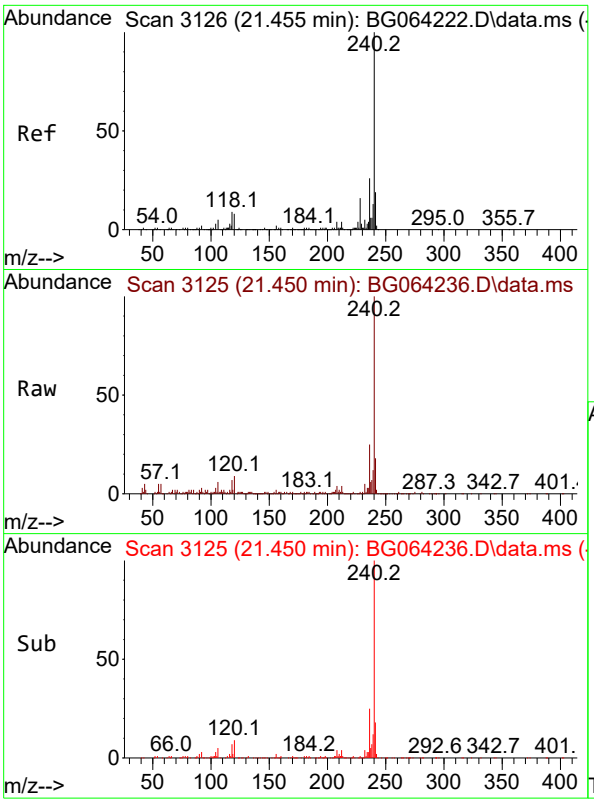


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:188 Resp: 216902

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	8.5	6.8	10.2



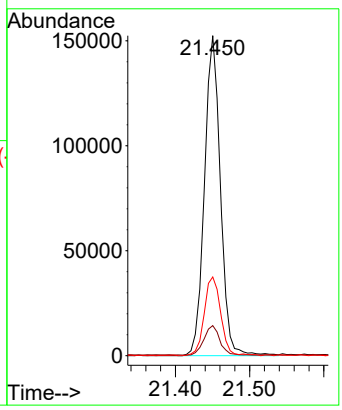


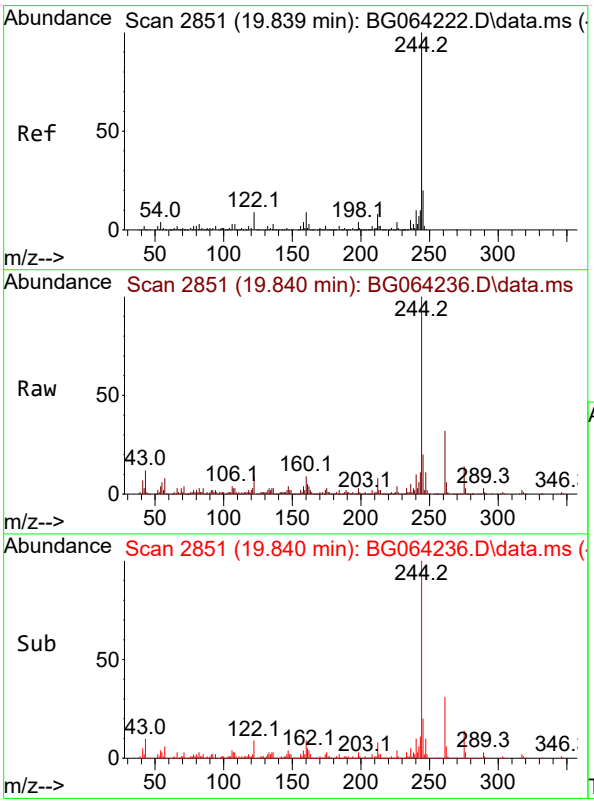
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Tgt Ion:240 Resp: 228335

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.2	9.4#
236	24.6	20.5	30.7

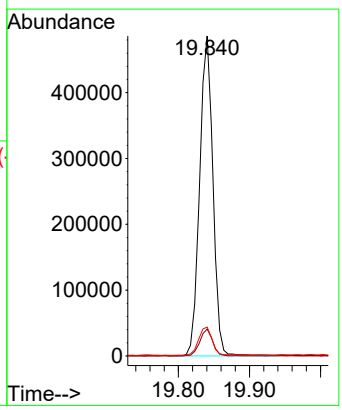


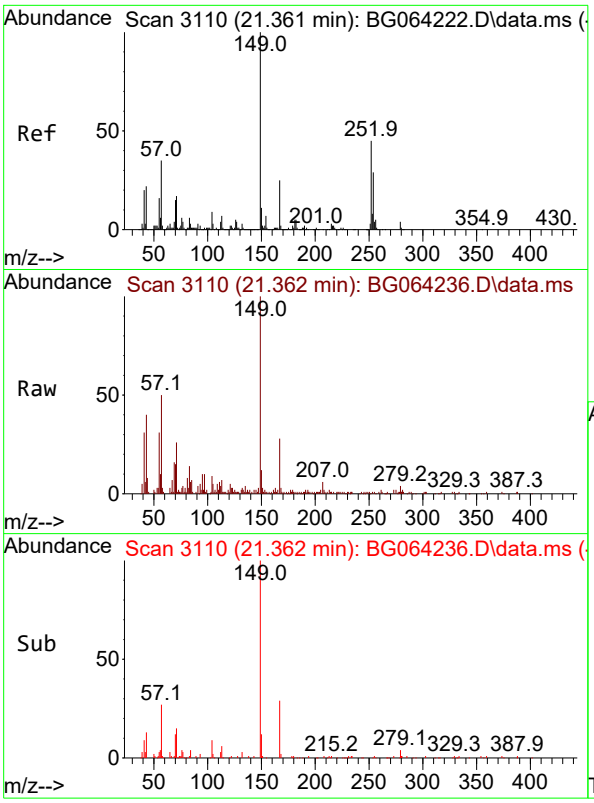


#79
Terphenyl-d14
Concen: 57.949 ng
RT: 19.840 min Scan# 2851
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:244 Resp: 634203

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	9.0	7.0	10.6



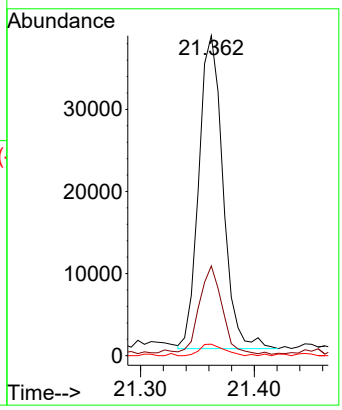


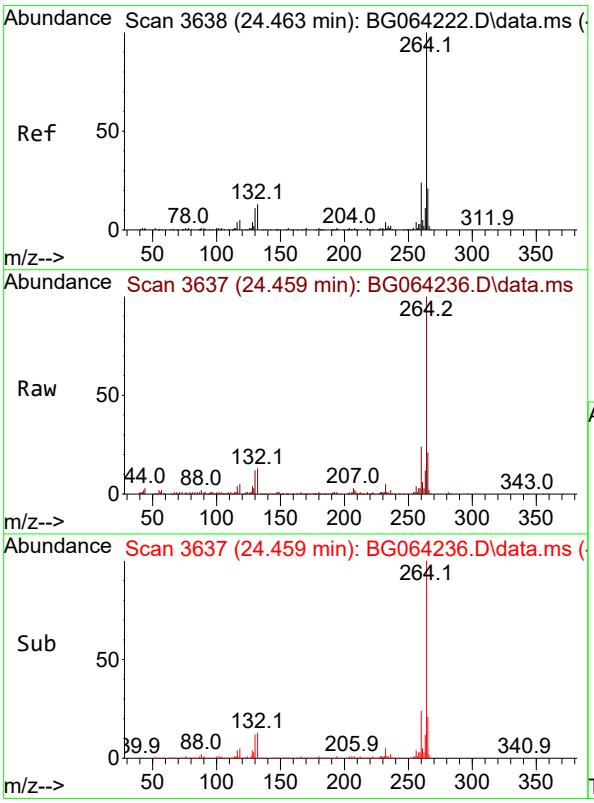
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.906 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

Tgt Ion:149 Resp: 56253

Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.0	30.0
279	3.6	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.459 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:264 Resp: 240867

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	20.9	16.7	25.1