Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064505.D
Acq On : 14 Oct 2025 18:14
Operator : RC/JU
Sample : Q3326-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Time: Oct 14 18:54:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	19125	20.000	ng	# 0.00
21) Naphthalene-d8	10.610	136	73989	20.000	ng	# 0.00
39) Acenaphthene-d10	14.447	164	49430	20.000	ng	0.00
64) Phenanthrene-d10	17.185	188	123986	20.000	ng	0.00
76) Chrysene-d12	21.409	240	154049	20.000	ng	0.00
86) Perylene-d12	24.388	264	158669	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	171258	165.722	ng	0.01
7) Phenol-d6	7.002	99	207464	149.392	ng	0.02
23) Nitrobenzene-d5	8.977	82	148690	108.057	ng	0.01
42) 2,4,6-Tribromophenol	15.933	330	153046	170.813	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	370520	110.489	ng	0.00
79) Terphenyl-d14	19.805	244	835326	102.620	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.977	70	22391	24.109	ng	# 72
51) 2,6-Dinitrotoluene	14.447	165	7080	8.779	ng	# 12
57) 2,4-Dinitrotoluene	14.447	165	7080	5.743	ng	# 21
67) 4-Bromophenyl-phenylether	15.933	248	10415	7.138	ng	# 1
77) Benzidine	19.805	184	16498	4.304	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064505.D
Acq On : 14 Oct 2025 18:14
Operator : RC/JU
Sample : Q3326-04
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
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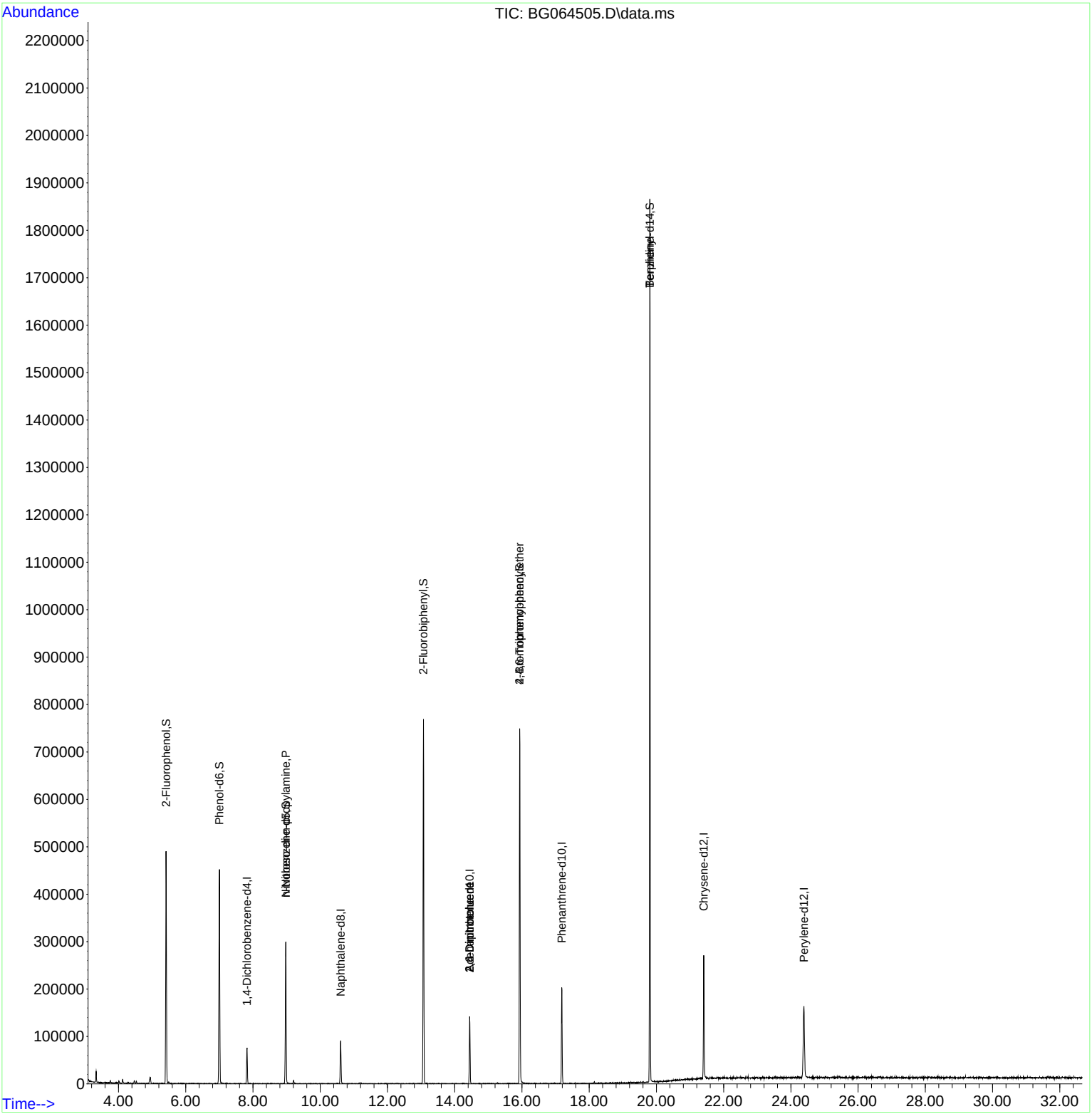
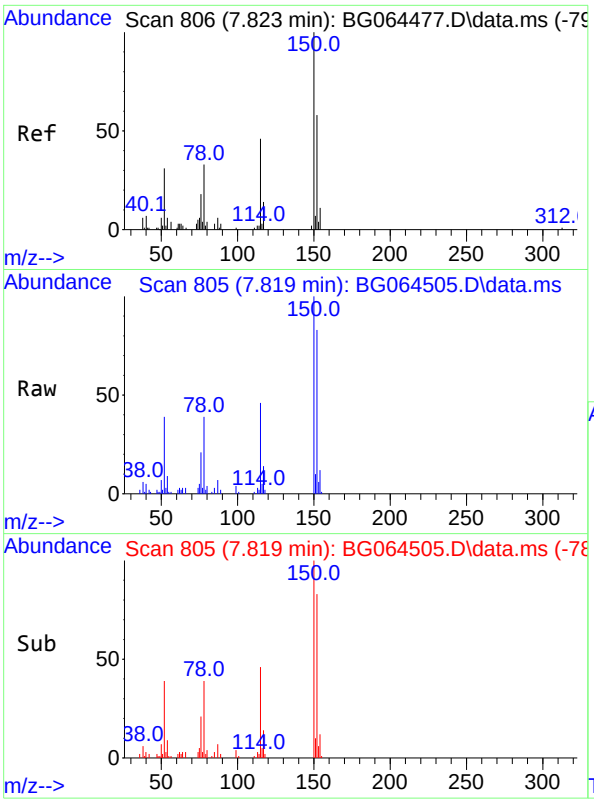


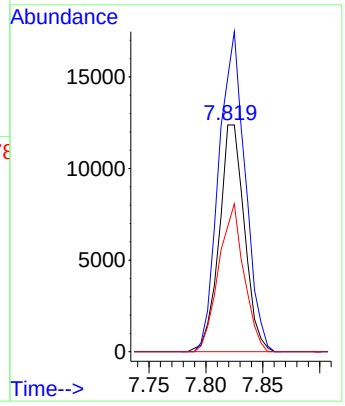


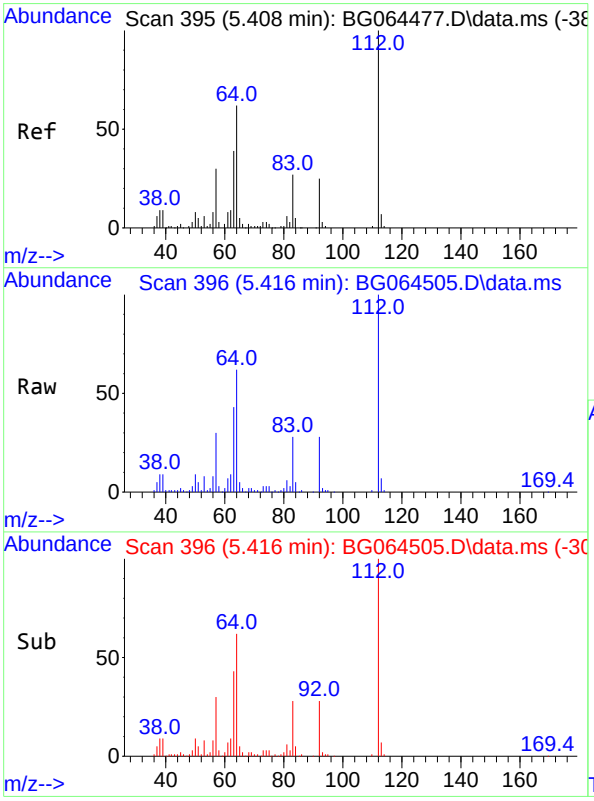
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.819 min Scan# 8(
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 19125

Ion	Ratio	Lower	Upper
152	100		
150	120.8	138.6	207.8#
115	55.2	63.4	95.2#

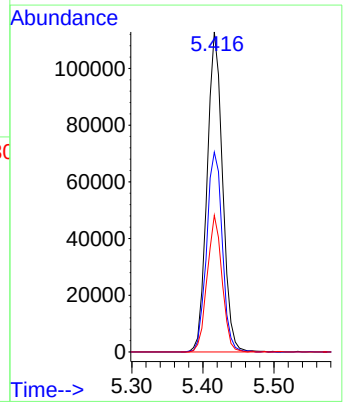


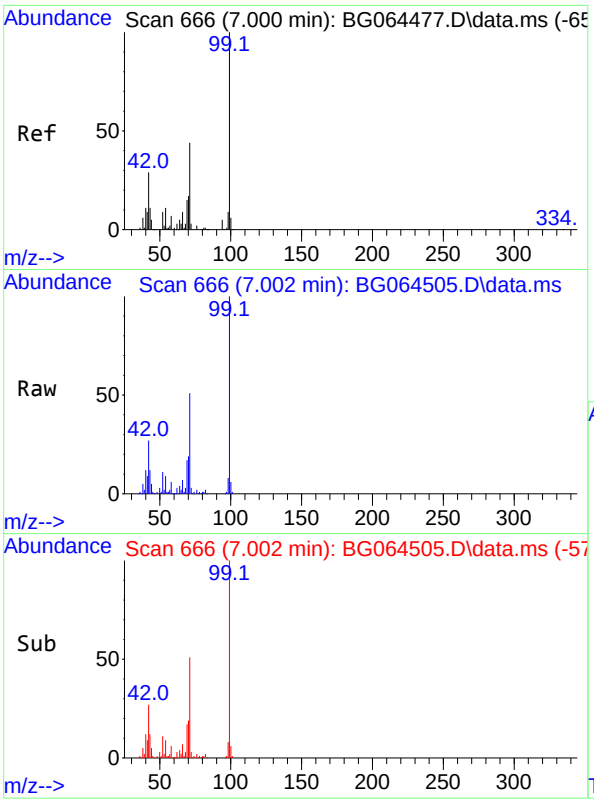


#5
2-Fluorophenol
Concen: 165.722 ng
RT: 5.416 min Scan# 396
Delta R.T. 0.010 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion:112 Resp: 171258

Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.8	74.8
63	42.7	31.3	46.9



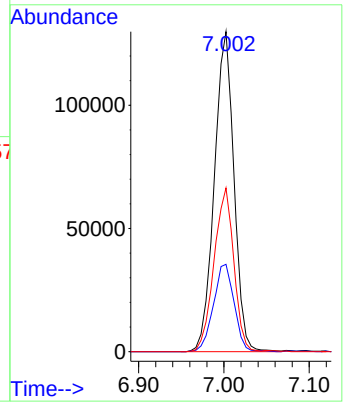


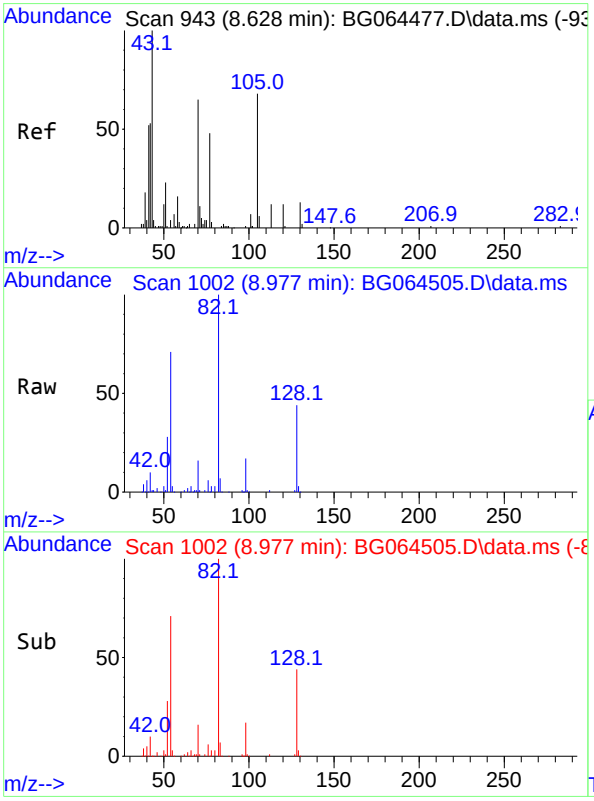
#7
Phenol-d6
Concen: 149.392 ng
RT: 7.002 min Scan# 6
Delta R.T. 0.016 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 207464

Ion	Ratio	Lower	Upper
99	100		
42	27.3	22.9	34.3
71	51.2	35.4	53.2

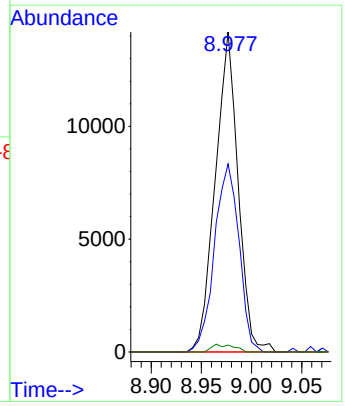


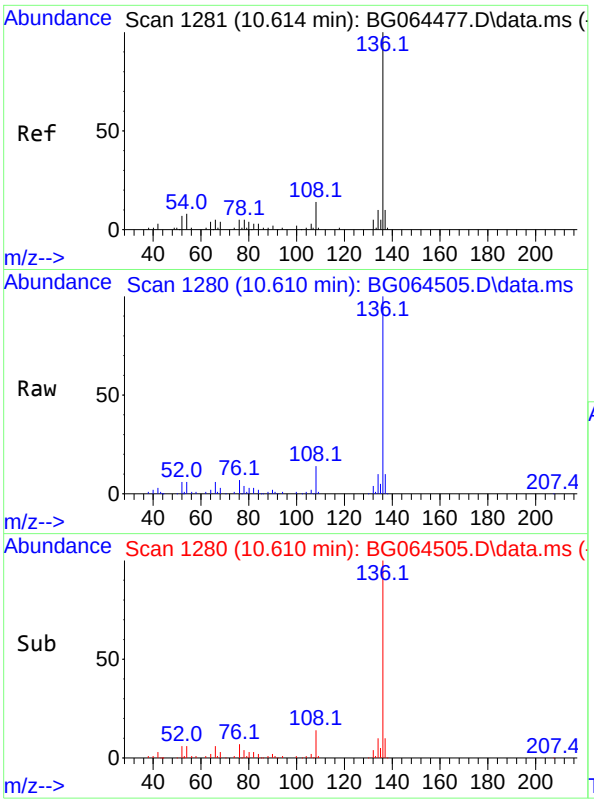


#19
n-Nitroso-di-n-propylamine
Concen: 24.109 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.363 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion: 70 Resp: 22391

Ion	Ratio	Lower	Upper
70	100		
42	58.8	64.9	97.3#
101	0.0	8.7	13.1#
130	2.2	15.8	23.8#



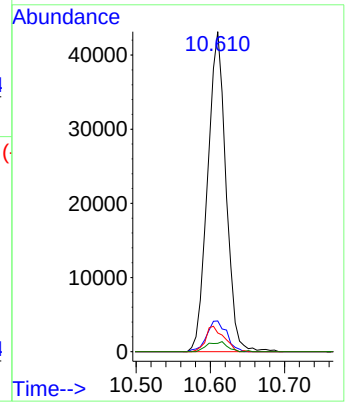


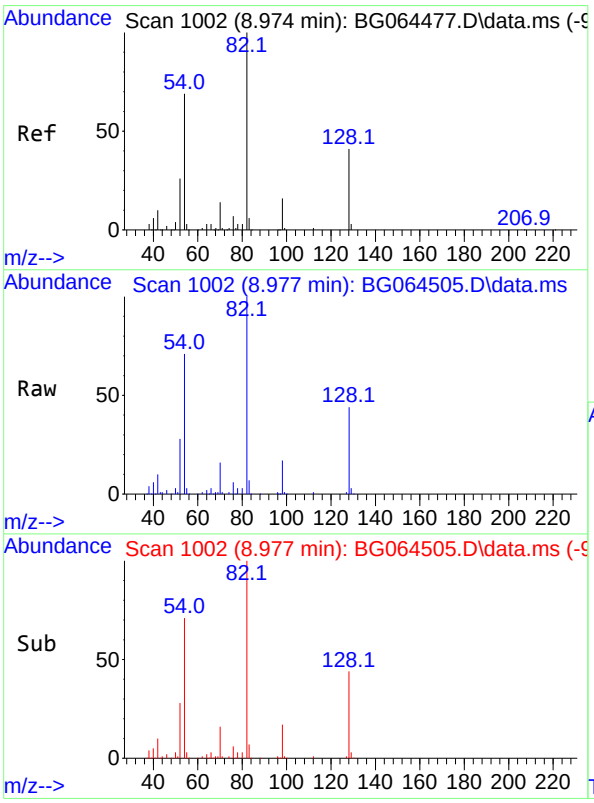
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 73989

Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.3	12.5
54	5.9	6.2	9.4#
68	2.6	3.0	4.4#

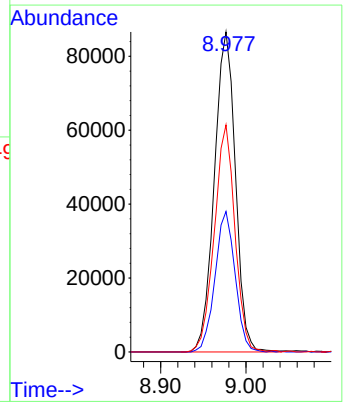


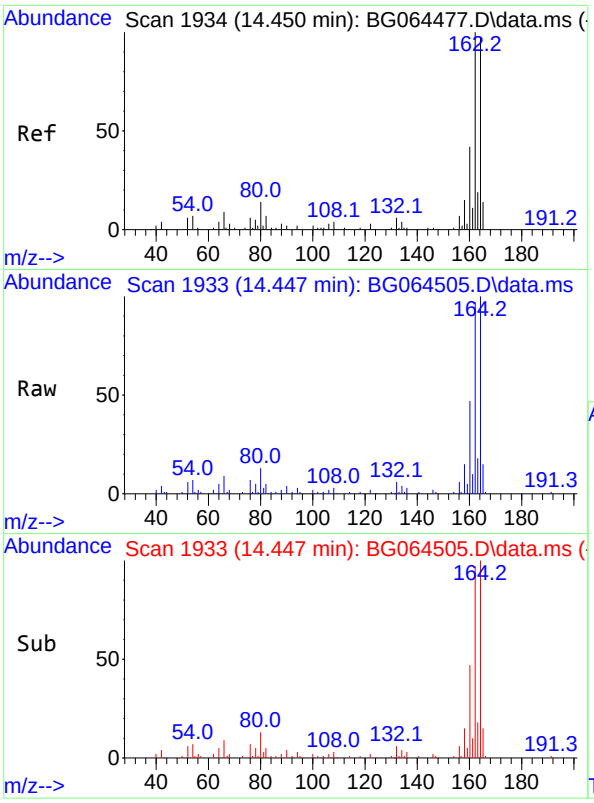


#23
Nitrobenzene-d5
Concen: 108.057 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.010 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion: 82 Resp: 148690

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.1	49.7
54	70.9	55.4	83.2



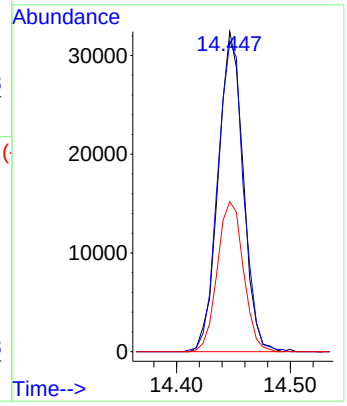


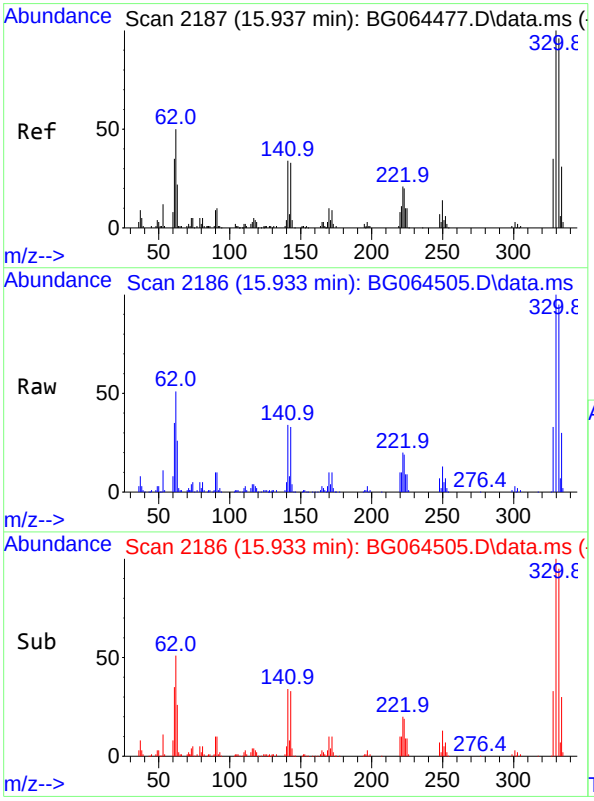
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.447 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:164 Resp: 49430

Ion	Ratio	Lower	Upper
164	100		
162	96.9	82.2	123.2
160	46.9	34.3	51.5

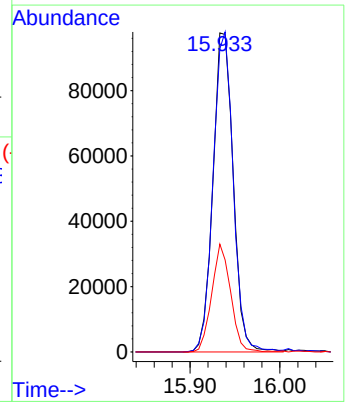


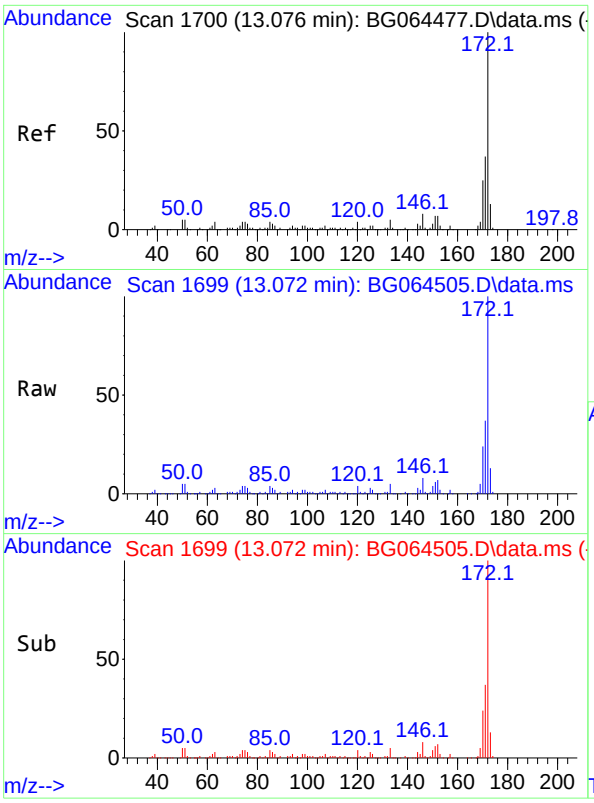


#42
2,4,6-Tribromophenol
Concen: 170.813 ng
RT: 15.933 min Scan# 2186
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion:330 Resp: 153046

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.4	116.0
141	31.6	25.8	38.6



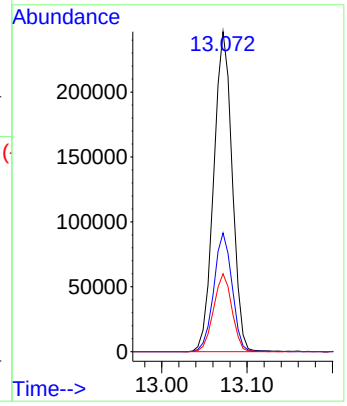


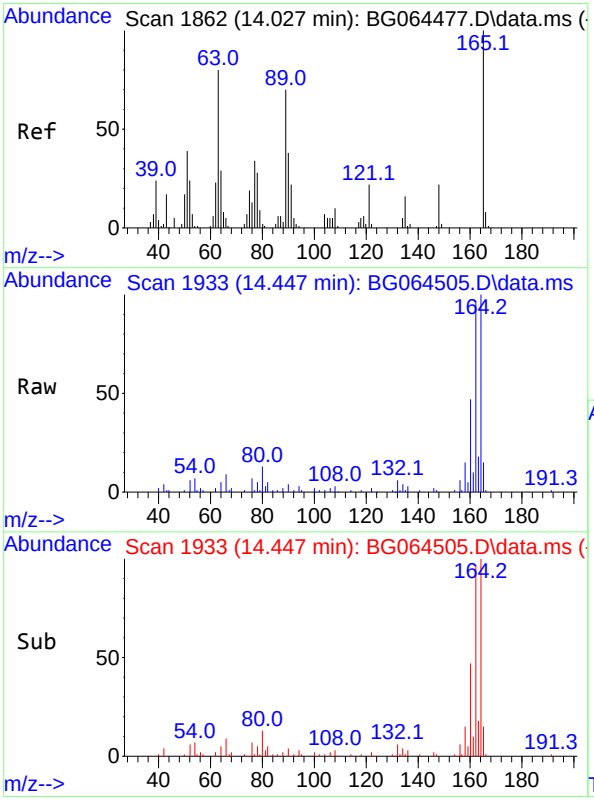
#45
2-Fluorobiphenyl
Concen: 110.489 ng
RT: 13.072 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:172 Resp: 370520

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.3	20.2	30.2

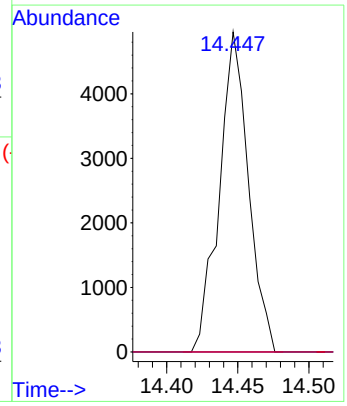


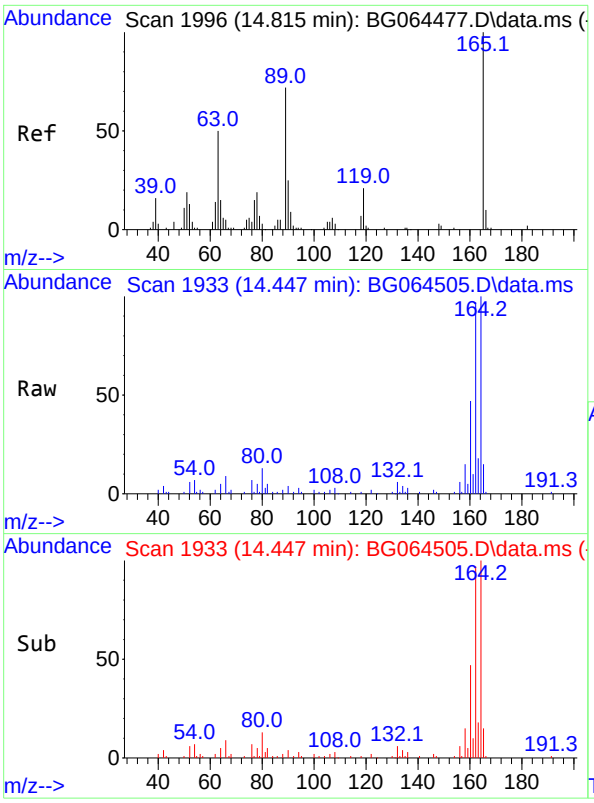


#51
2,6-Dinitrotoluene
Concen: 8.779 ng
RT: 14.447 min Scan# 1933
Delta R.T. 0.428 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion:165 Resp: 7080

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	0.0	56.1	84.1#



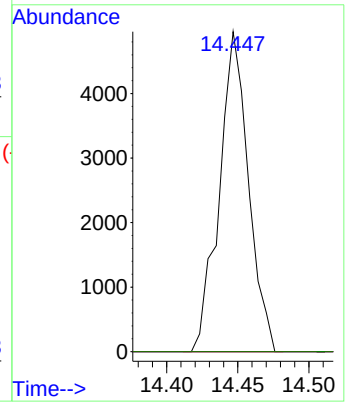


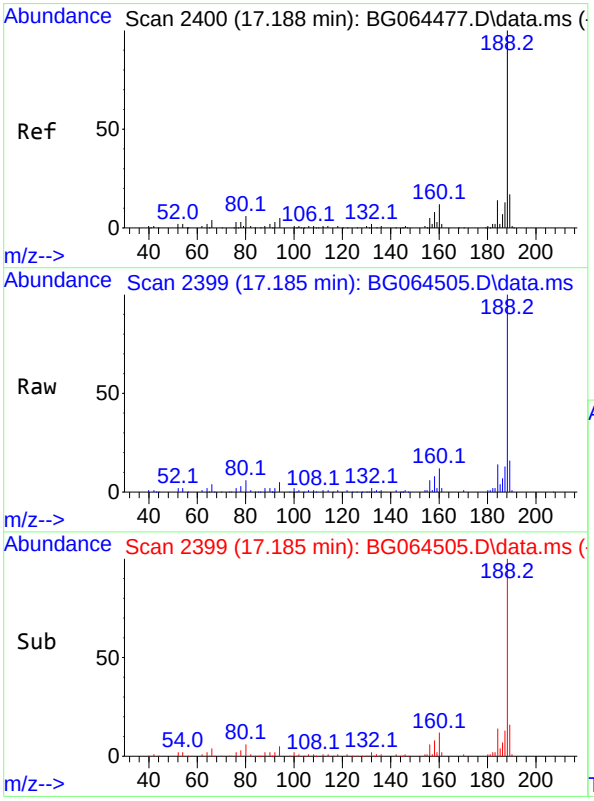
#57
2,4-Dinitrotoluene
Concen: 5.743 ng
RT: 14.447 min Scan# 1
Delta R.T. -0.366 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 7080

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	0.0	57.3	85.9#
182	0.0	1.9	2.9#

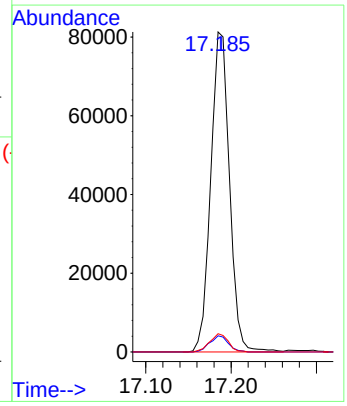


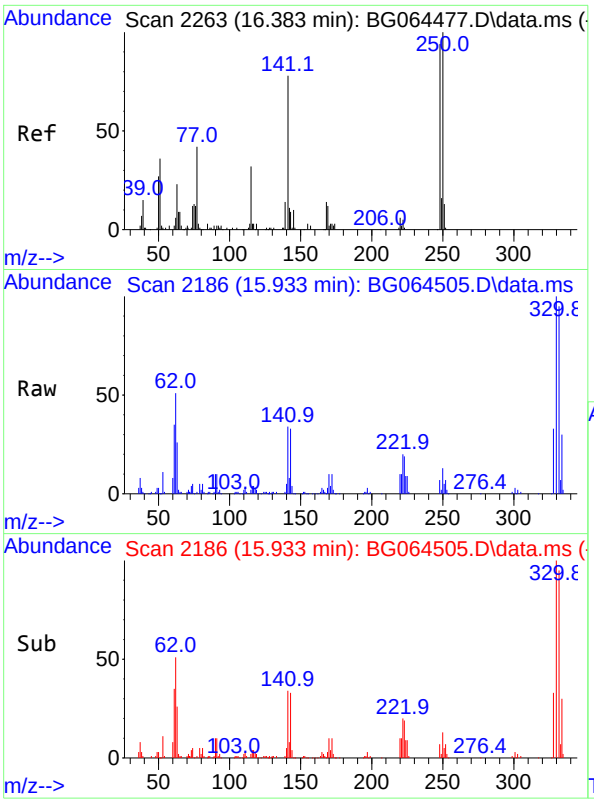


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.185 min Scan# 2399
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion:188 Resp: 123986

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.7	5.5
80	5.7	4.5	6.7



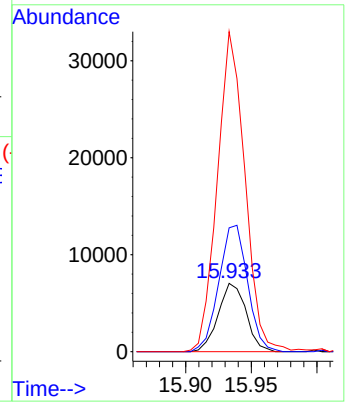


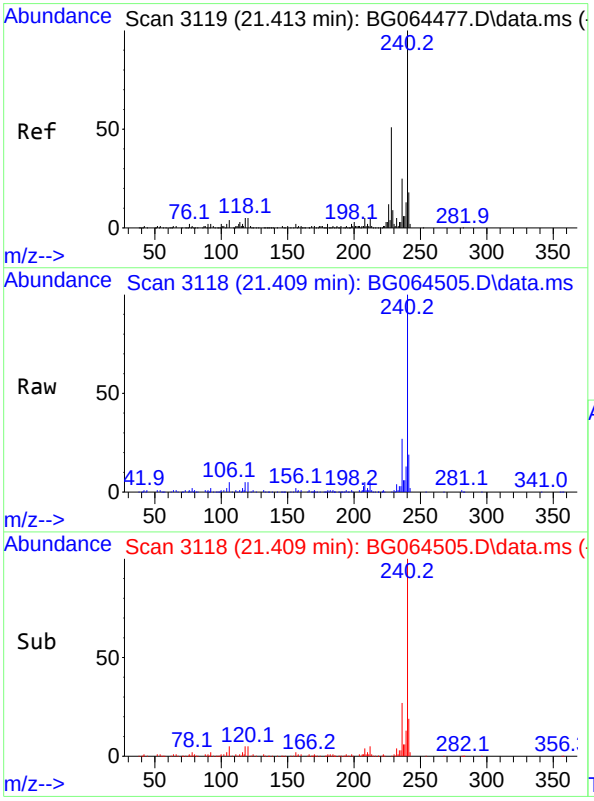
#67
4-Bromophenyl-phenylether
Concen: 7.138 ng
RT: 15.933 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:248 Resp: 10415

Ion	Ratio	Lower	Upper
248	100		
250	181.0	85.3	127.9#
141	468.0	66.2	99.2#

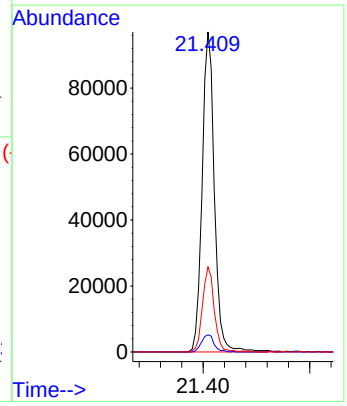


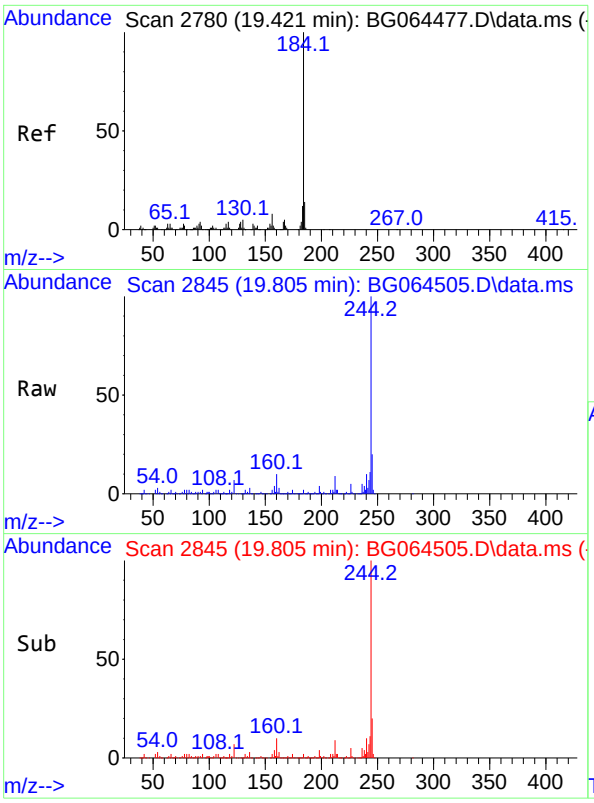


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3118
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion:240 Resp: 154049

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.3	6.5
236	26.6	20.4	30.6



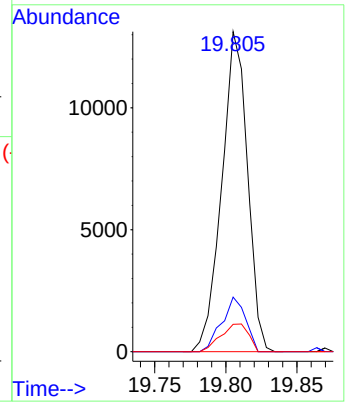


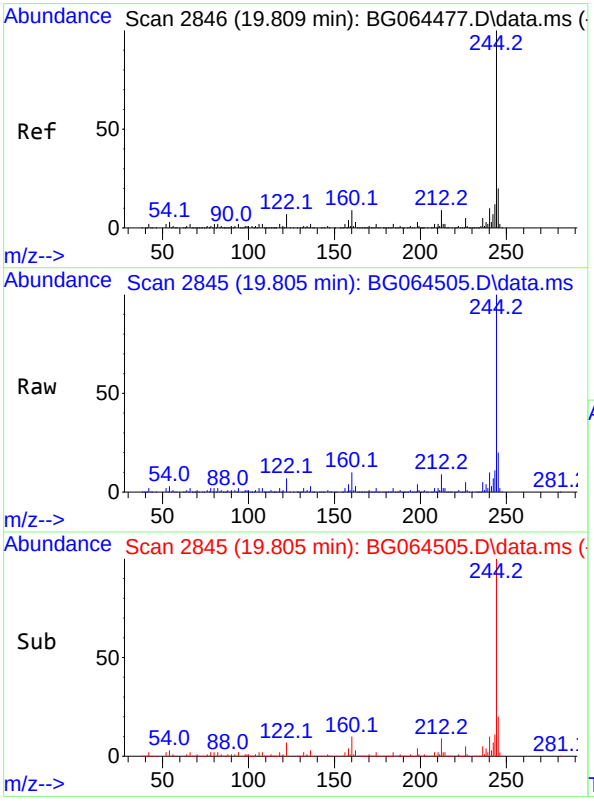
#77
Benzidine
Concen: 4.304 ng
RT: 19.805 min Scan# 2
Delta R.T. 0.380 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:184 Resp: 16498

Ion	Ratio	Lower	Upper
184	100		
185	17.0	10.9	16.3#
183	8.5	9.8	14.6#

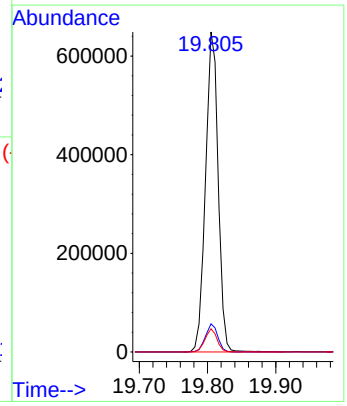


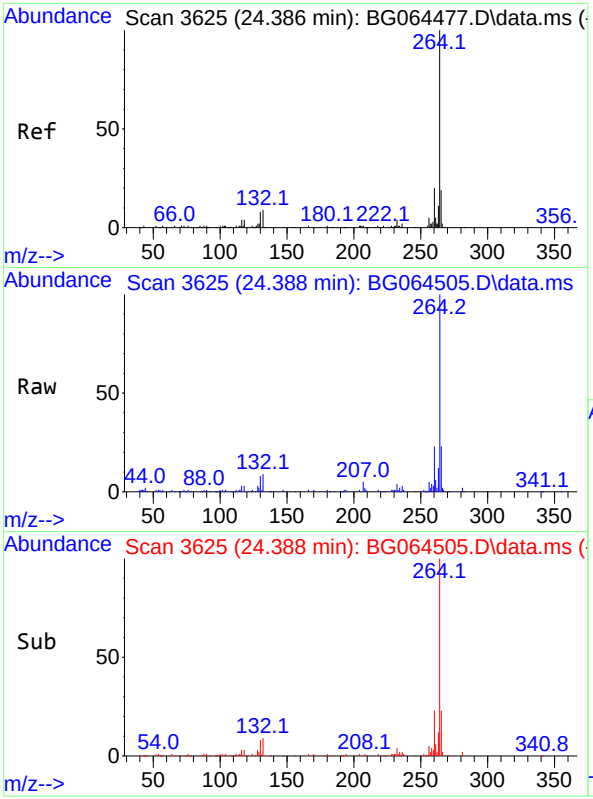


#79
Terphenyl-d14
Concen: 102.620 ng
RT: 19.805 min Scan# 2845
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Tgt Ion:244 Resp: 835326

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	7.2	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.388 min Scan# 3
Delta R.T. -0.001 min
Lab File: BG064505.D
Acq: 14 Oct 2025 18:14

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 158669

Ion	Ratio	Lower	Upper
264	100		
260	22.5	16.2	24.4
265	23.4	15.0	22.4#