Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064492.D
Acq On : 3 Oct 2025 18:19
Operator : RC/JU
Sample : Q3263-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
266380

Quant Time: Oct 03 19:00:10 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	7.824	152	17324	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	69536	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	54010	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	137457	20.000	ng	0.00
76) Chrysene-d12	21.408	240	140948	20.000	ng	0.00
86) Perylene-d12	24.381	264	149722	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	49521	52.902	ng	0.00
7) Phenol-d6	6.995	99	40448	32.154	ng	0.00
23) Nitrobenzene-d5	8.975	82	102916	79.582	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	143705	146.786	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	288858	78.833	ng	0.00
79) Terphenyl-d14	19.810	244	750338	100.747	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	16038	19.063	ng	# 78
51) 2,6-Dinitrotoluene	14.445	165	7828	8.884	ng	# 12
57) 2,4-Dinitrotoluene	14.445	165	7828	5.811	ng	# 21
67) 4-Bromophenyl-phenylether	15.938	248	9947	6.149	ng	# 1
77) Benzidine	19.810	184	14688	4.188	ng	# 80

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

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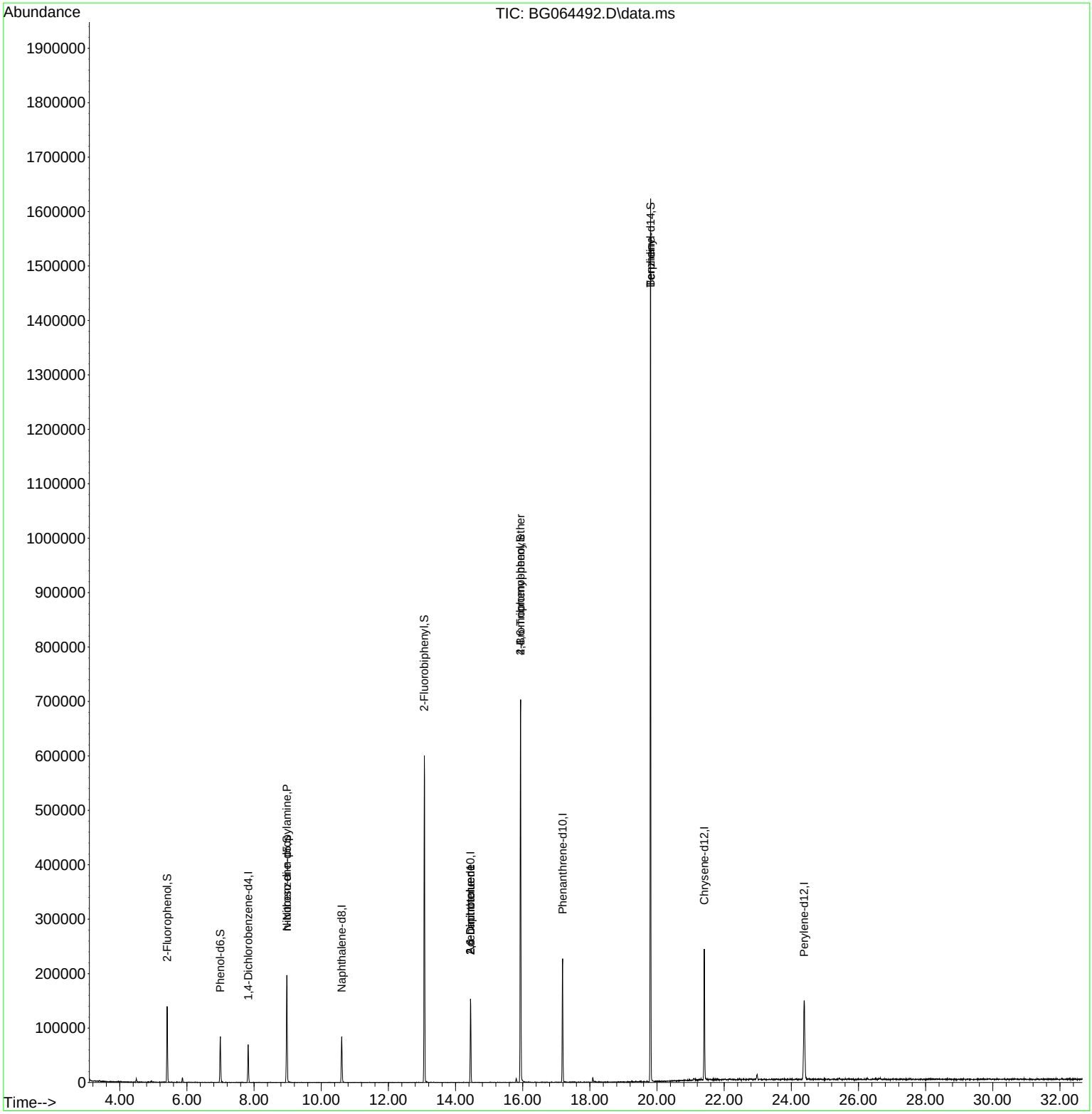
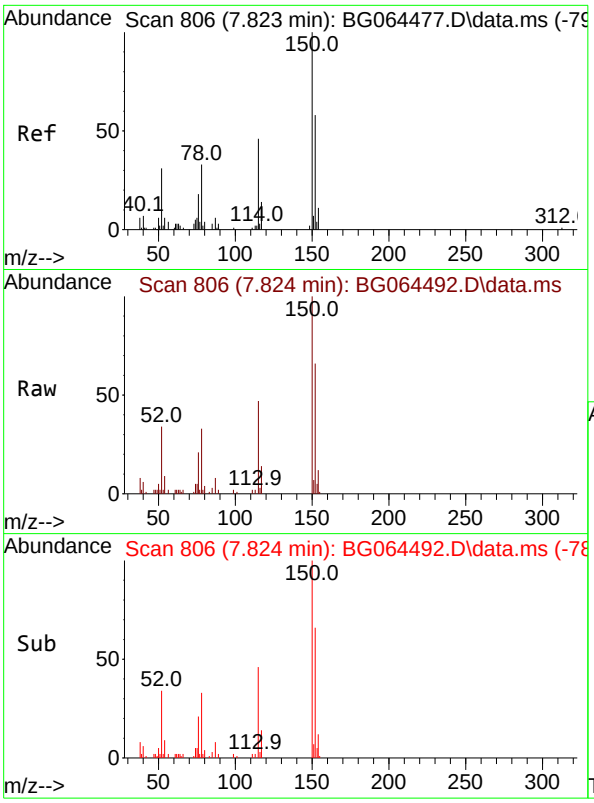


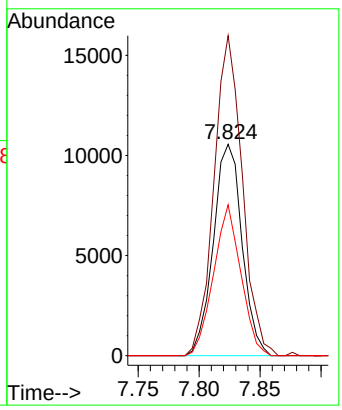


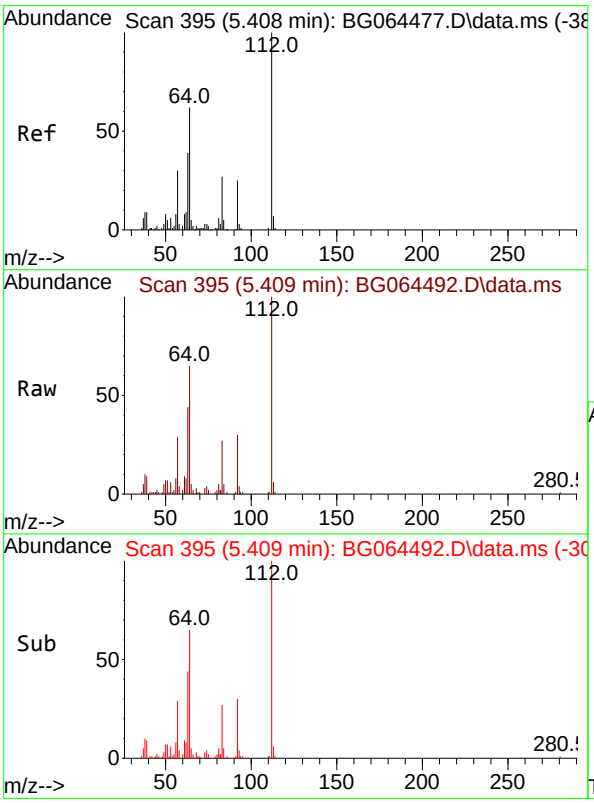
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.824 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Instrument :
BNA_G
ClientSampleId :
266380

Tgt Ion:152 Resp: 17324

Ion	Ratio	Lower	Upper
152	100		
150	151.4	138.6	207.8
115	71.4	63.4	95.2

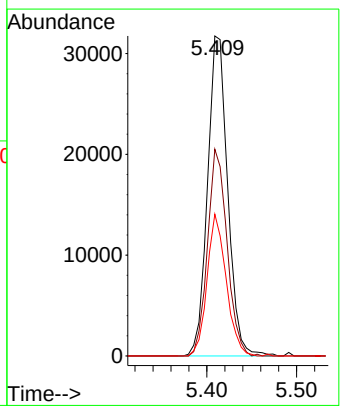


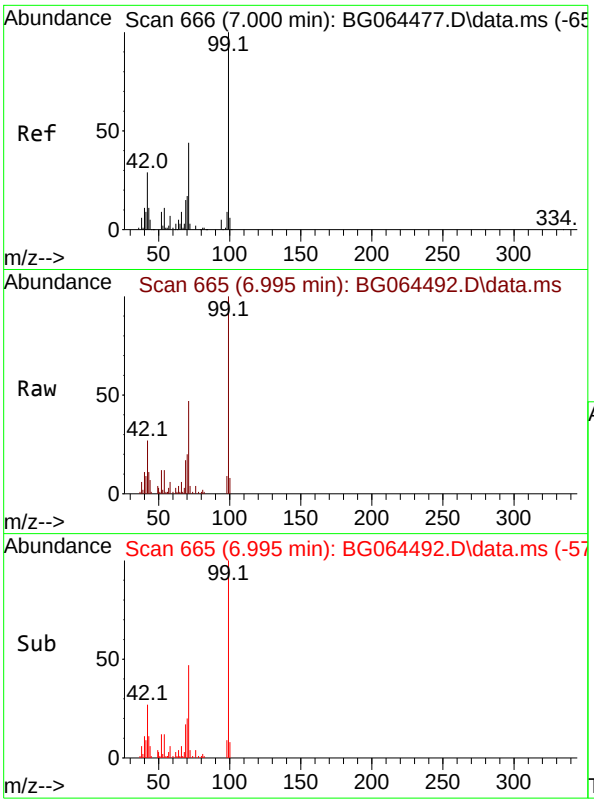


#5
2-Fluorophenol
Concen: 52.902 ng
RT: 5.409 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion:112 Resp: 49521

Ion	Ratio	Lower	Upper
112	100		
64	64.6	49.8	74.8
63	44.3	31.3	46.9



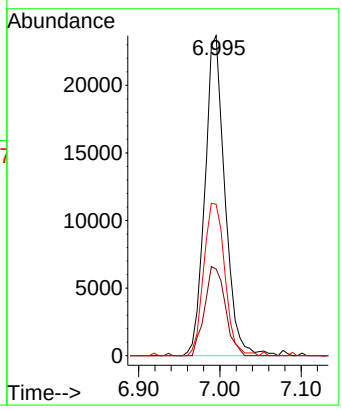


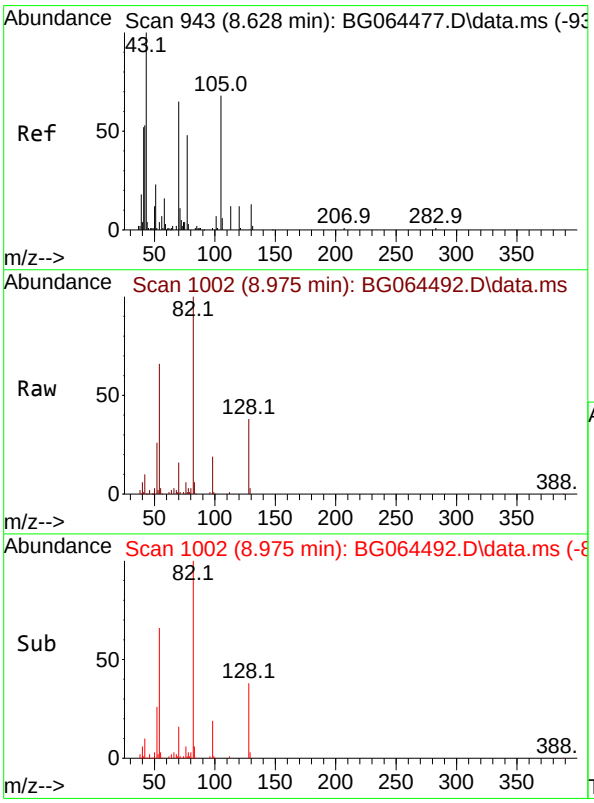
#7
Phenol-d6
Concen: 32.154 ng
RT: 6.995 min Scan# 6
Delta R.T. 0.009 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Instrument :
BNA_G
ClientSampleId :
266380

Tgt Ion: 99 Resp: 40448

Ion	Ratio	Lower	Upper
99	100		
42	27.1	22.9	34.3
71	47.3	35.4	53.2

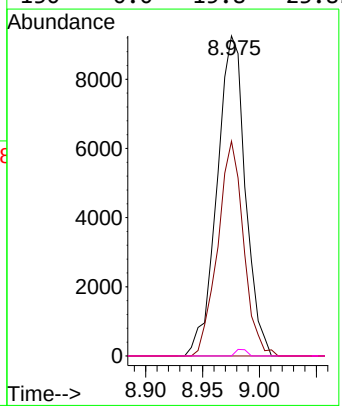


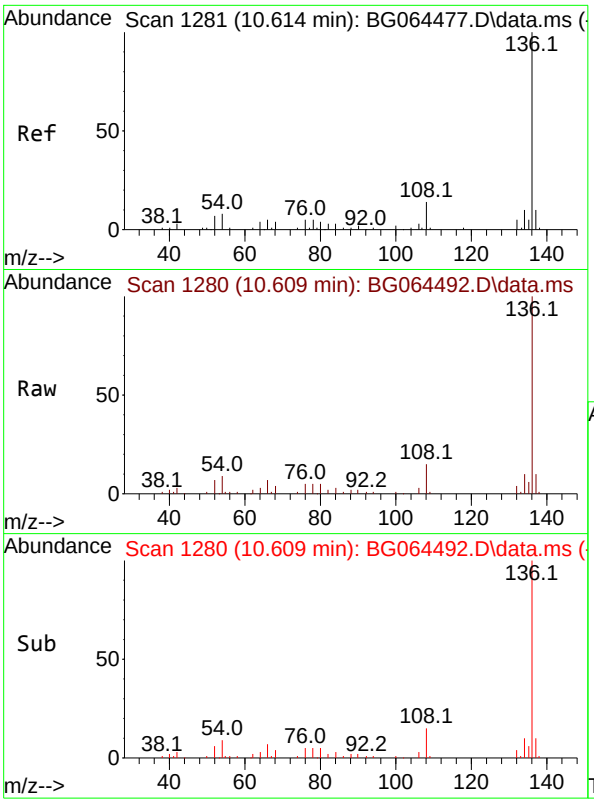


#19
n-Nitroso-di-n-propylamine
Concen: 19.063 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.362 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion: 70 Resp: 16038

Ion	Ratio	Lower	Upper
70	100		
42	67.1	64.9	97.3
101	0.0	8.7	13.1#
130	0.0	15.8	23.8#



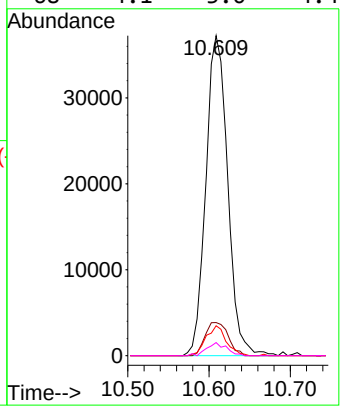


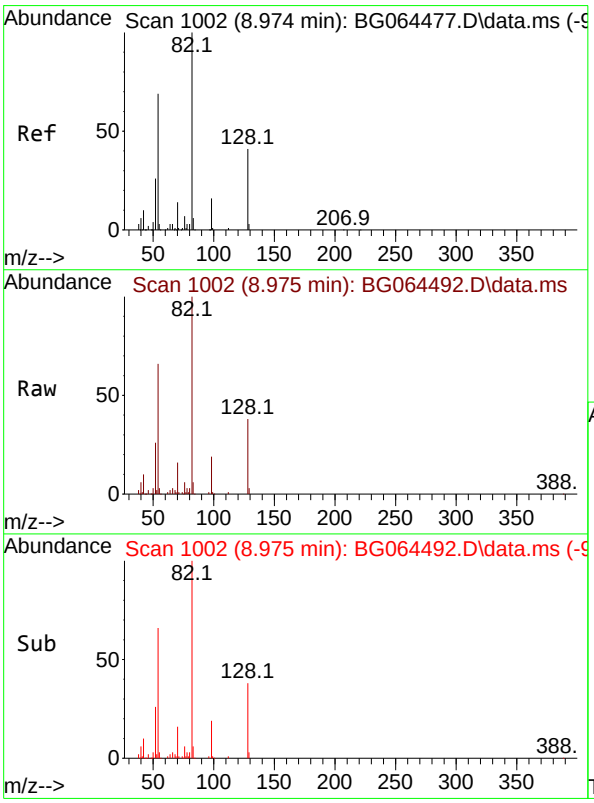
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Instrument :
BNA_G
ClientSampleId :
266380

Tgt Ion:136 Resp: 69536

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	9.4	6.2	9.4#
68	4.1	3.0	4.4

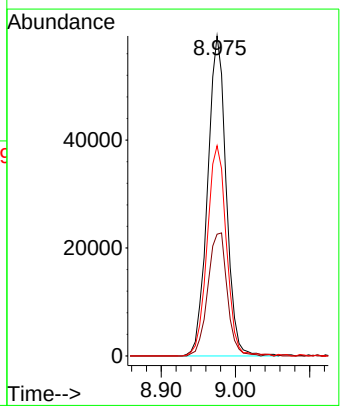


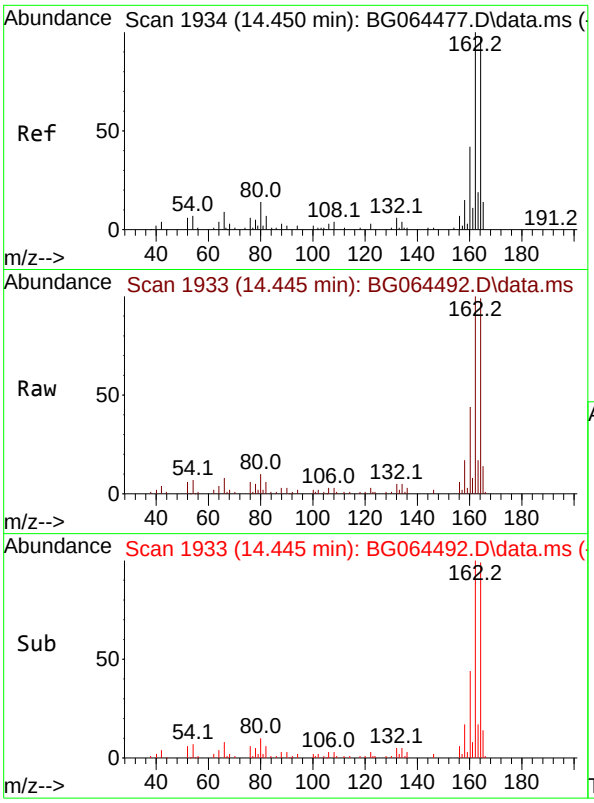


#23
Nitrobenzene-d5
Concen: 79.582 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion: 82 Resp: 102916

Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.1	49.7
54	65.7	55.4	83.2



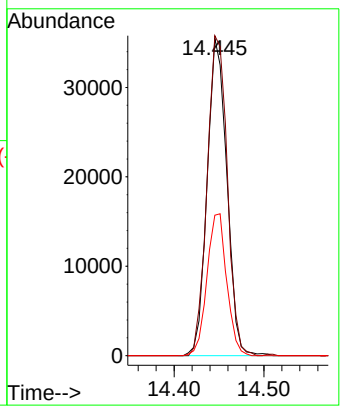


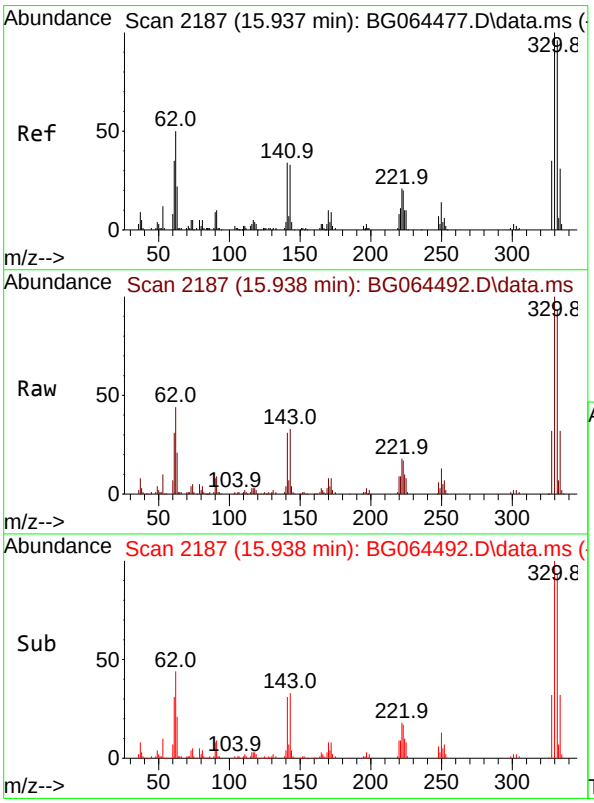
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Instrument :
BNA_G
ClientSampleId :
266380

Tgt Ion:164 Resp: 54010

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	44.3	34.3	51.5

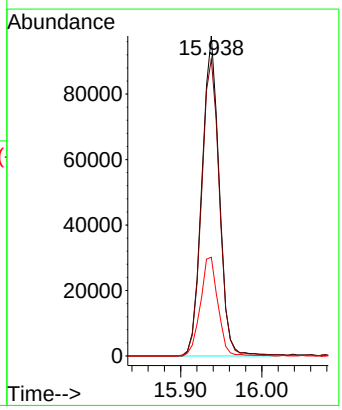


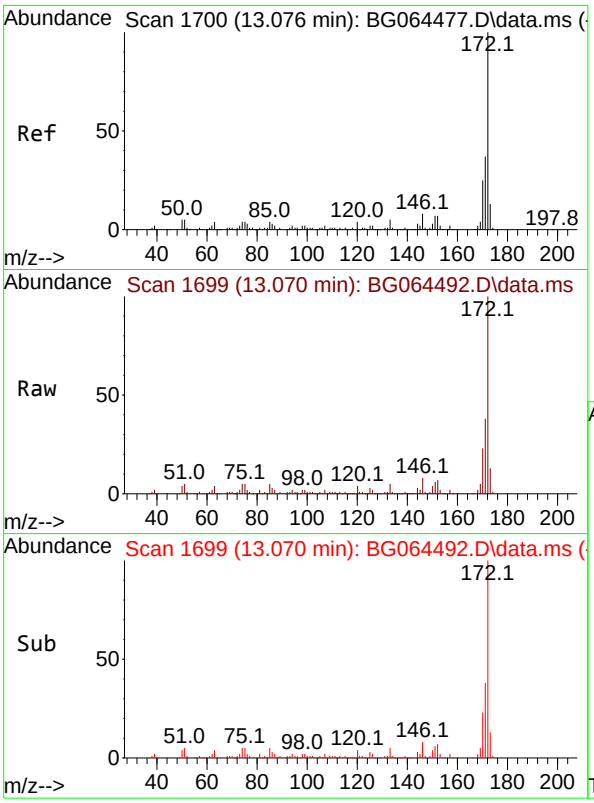


#42
2,4,6-Tribromophenol
Concen: 146.786 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion:330 Resp: 143705

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	31.4	25.8	38.6



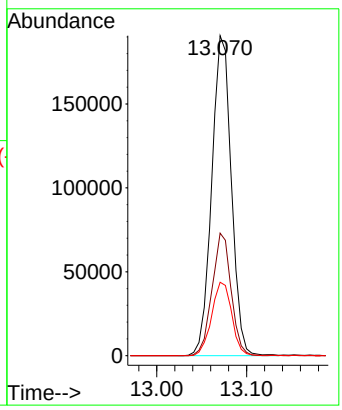


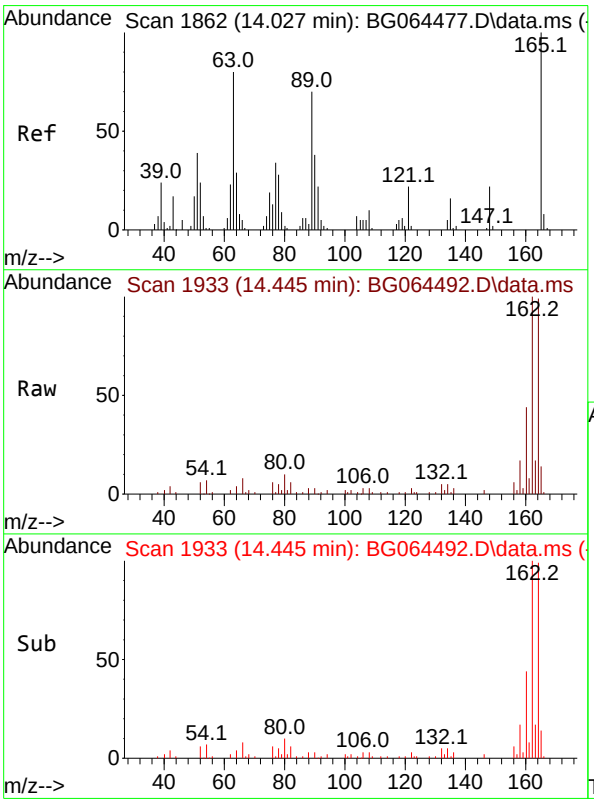
#45
2-Fluorobiphenyl
Concen: 78.833 ng
RT: 13.070 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Instrument :
BNA_G
ClientSampleId :
266380

Tgt Ion:172 Resp: 288858

Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.6	44.4
170	23.0	20.2	30.2

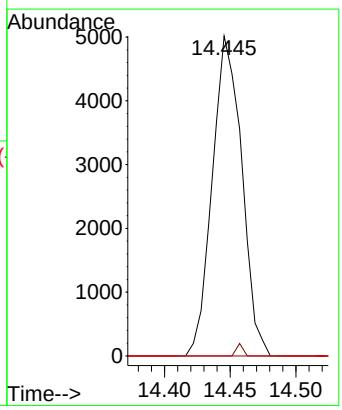


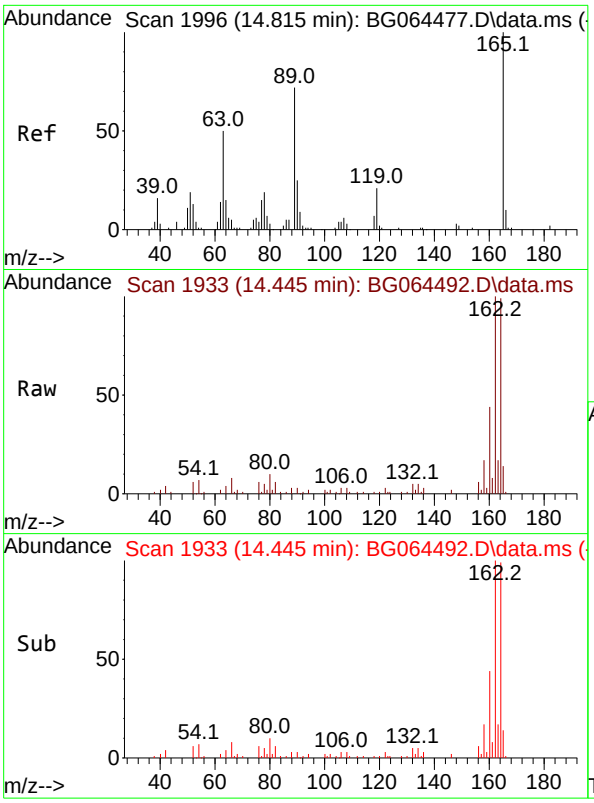


#51
2,6-Dinitrotoluene
Concen: 8.884 ng
RT: 14.445 min Scan# 1933
Delta R.T. 0.426 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion:165 Resp: 7828

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



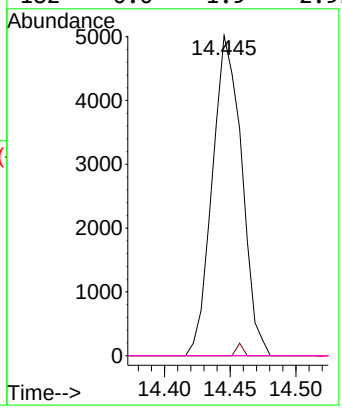


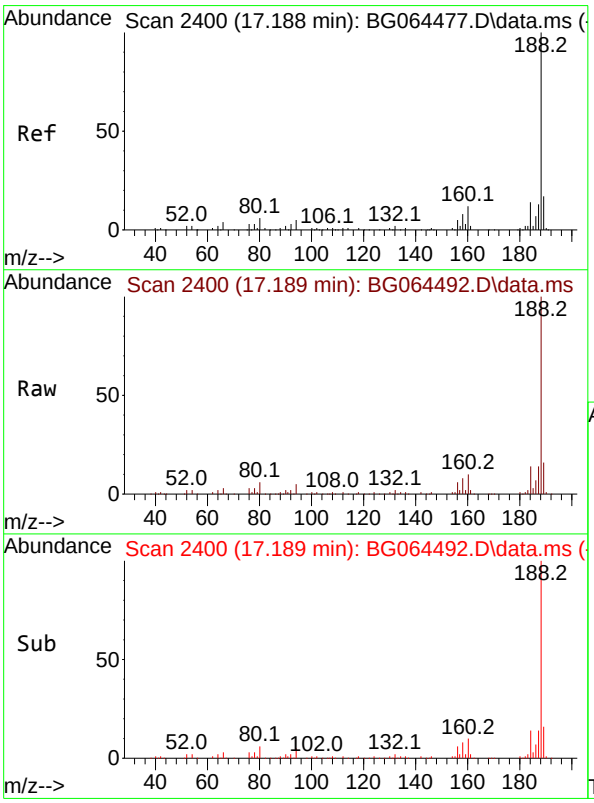
#57
2,4-Dinitrotoluene
Concen: 5.811 ng
RT: 14.445 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Instrument :
BNA_G
ClientSampleId :
266380

Tgt Ion:165 Resp: 7828

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#

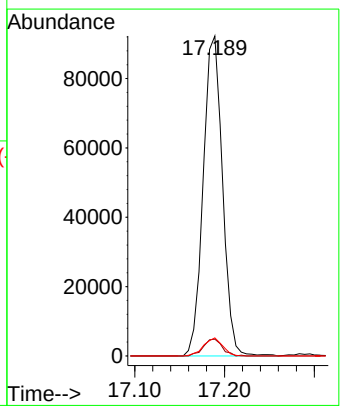


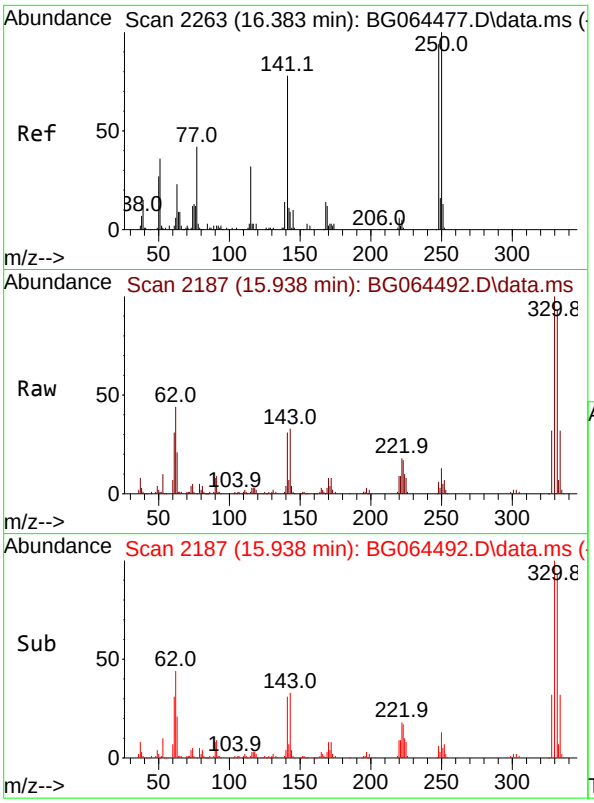


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion:188 Resp: 137457

Ion	Ratio	Lower	Upper
188	100		
94	5.3	3.7	5.5
80	5.7	4.5	6.7



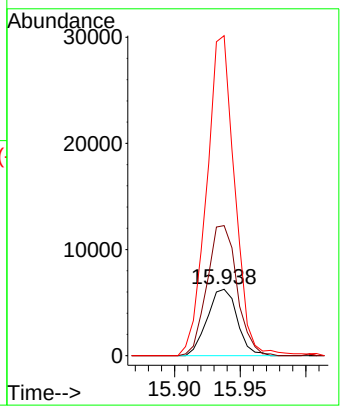


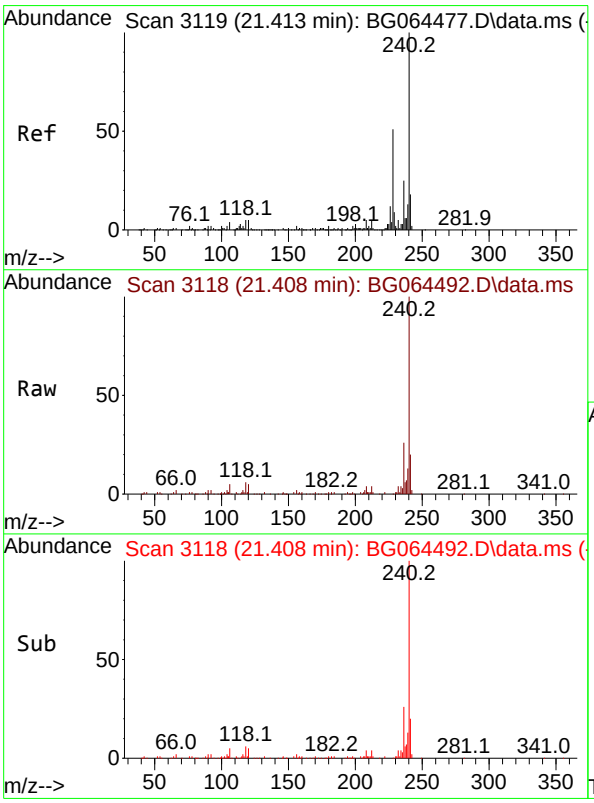
#67
4-Bromophenyl-phenylether
Concen: 6.149 ng
RT: 15.938 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Instrument :
BNA_G
ClientSampleId :
266380

Tgt Ion:248 Resp: 9947

Ion	Ratio	Lower	Upper
248	100		
250	195.8	85.3	127.9#
141	482.0	66.2	99.2#

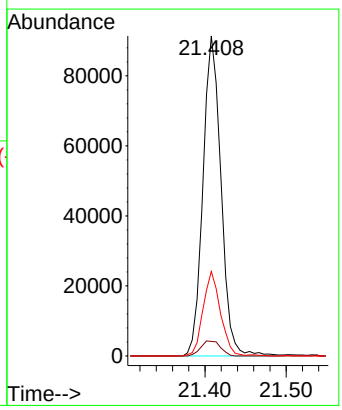


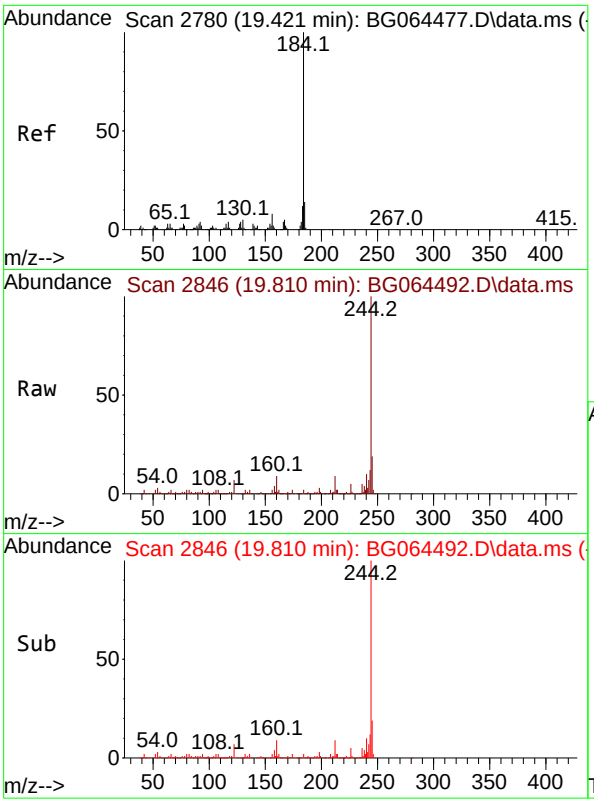


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.408 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion:240 Resp: 140948

Ion	Ratio	Lower	Upper
240	100		
120	4.6	4.3	6.5
236	26.4	20.4	30.6



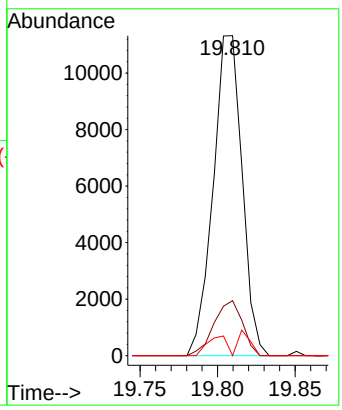


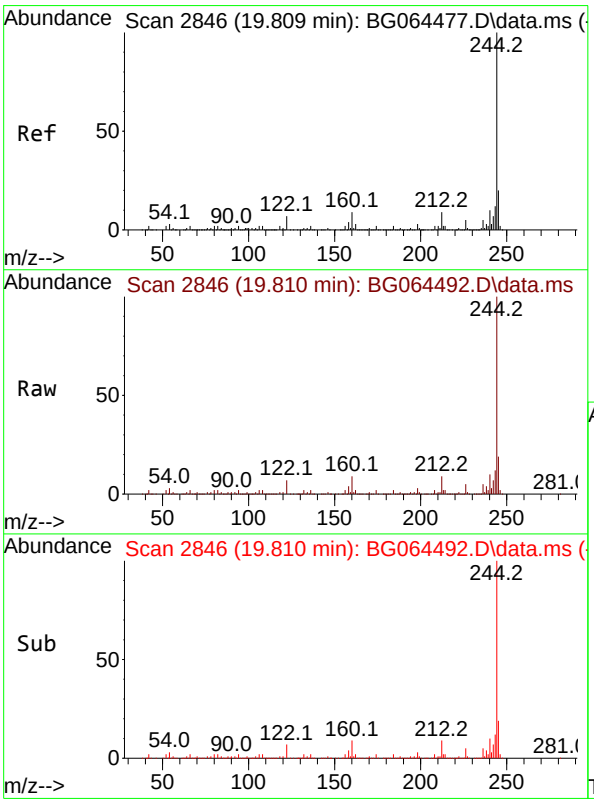
#77
Benzidine
Concen: 4.188 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.385 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Instrument :
BNA_G
ClientSampleId :
266380

Tgt Ion:184 Resp: 14688

Ion	Ratio	Lower	Upper
184	100		
185	17.2	10.9	16.3#
183	0.0	9.8	14.6#

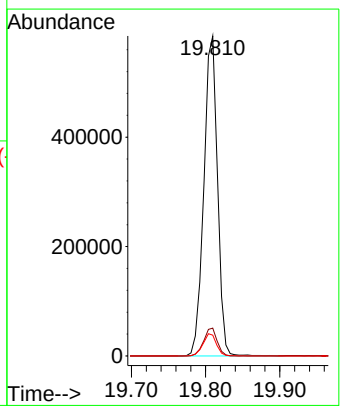


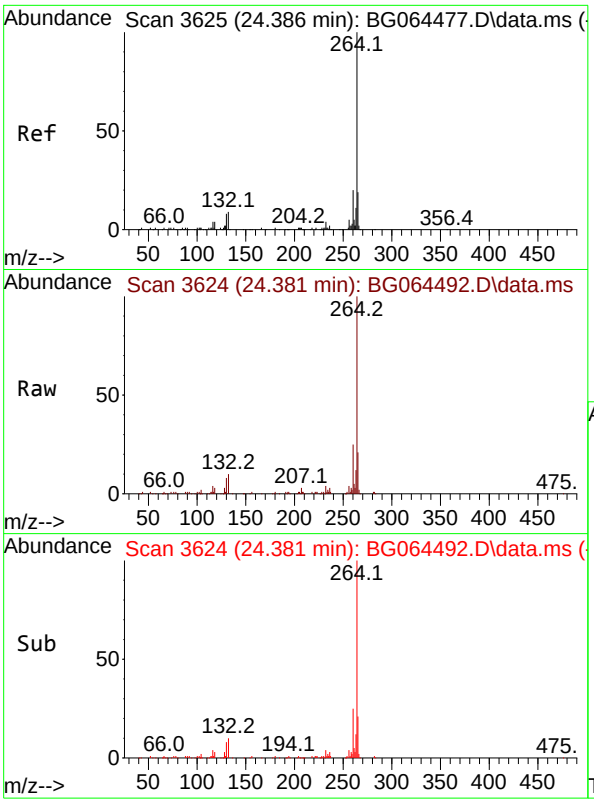


#79
Terphenyl-d14
Concen: 100.747 ng
RT: 19.810 min Scan# 2846
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion:244 Resp: 750338

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	6.5	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.381 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Instrument :
BNA_G
ClientSampleId :
266380

Tgt Ion:264 Resp: 149722

Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.2	24.4#
265	21.3	15.0	22.4